Microbac Laboratories, Inc.
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COVER LETTER

Russ Becker
RG Steel, LLC
1430 Sparrows Point Blvd
Sparrows Point, MD 21219
RE: Greys Landfill

April 27, 2011
Report No.: 11C1255

The report of analyses contains test results for samples received at Microbac Laboratories, Inc., Baltimore Division on 04/04/2011 13:33.

The enclosed results were obtained from and applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report has been reviewed and meet the applicable project and certification specific requirements, unless otherwise noted.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories, Inc.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

This Data Package contains the following:

- This Cover Page
- Sample Summary
- Case Narative
- Test Results
- QC Summary
- Notes and Definitions
- Cooler Receipt Log
- Chain of Custody
- Data

Final report reviewed by:	Lewis B. Gunn III/Project Manager	4/27/2011 Report issue date

All samples received in proper condition and results conform to ISO 17025 standards unless otherwise noted.

If we have not met or exceeded your expectations, please contact the Director or Trevor Boyce, President at tboyce@microbac.com or Robert Morgan, Chief Operation Officer, at rmorgan@microbac.com.

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
GL-02 (-5)	11C1255-01	Ground Water	Grab	04/01/2011 08:45	04/04/2011 13:33
GL-02 (-29)	11C1255-02	Ground Water	Grab	04/01/2011 10:25	04/04/2011 13:33
GL-03 (-3)	11C1255-03	Ground Water	Grab	03/28/2011 09:50	04/04/2011 13:33
GL-03 (-16)	11C1255-04	Ground Water	Grab	03/28/2011 08:50	04/04/2011 13:33
GL-05 (-7)	11C1255-05	Ground Water	Grab	04/01/2011 13:25	04/04/2011 13:33
GL-05 (-25)	11C1255-06	Ground Water	Grab	04/04/2011 09:30	04/04/2011 13:33
GL-09 (-2)	11C1255-07	Ground Water	Grab	03/23/2011 12:05	04/04/2011 13:33
GL-09 (-20)	11C1255-08	Ground Water	Grab	03/23/2011 11:16	04/04/2011 13:33
GL-11 (-33)	11C1255-09	Ground Water	Grab	03/23/2011 09:25	04/04/2011 13:33
GL-15 (-6)	11C1255-10	Ground Water	Grab	04/04/2011 10:35	04/04/2011 13:33
GL-15 (-36)	11C1255-11	Ground Water	Grab	04/04/2011 11:30	04/04/2011 13:33
GL-16 (-6)	11C1255-12	Ground Water	Grab	04/01/2011 11:20	04/04/2011 13:33
GL-16 (-32)	11C1255-13	Ground Water	Grab	04/01/2011 12:15	04/04/2011 13:33
GL-17 (-1)	11C1255-14	Ground Water	Grab	03/31/2011 11:20	04/04/2011 13:33
GL-17 (-31)	11C1255-15	Ground Water	Grab	03/31/2011 12:20	04/04/2011 13:33
GL-18 (-3)	11C1255-16	Ground Water	Grab	03/28/2011 11:55	04/04/2011 13:33
GL-18 (-33)	11C1255-17	Ground Water	Grab	03/28/2011 12:45	04/04/2011 13:33
GL-20 (-5)	11C1255-19	Ground Water	Grab	04/06/2011 10:10	04/04/2011 13:33
TS-01 (-7)	11C1255-20	Ground Water	Grab	03/31/2011 10:02	04/04/2011 13:33
Trip Blank	11C1255-21	Ground Water	Grab	03/21/2011 08:00	04/04/2011 13:33
Trip Blank	11C1255-22	Ground Water	Grab	03/23/2011 00:00	04/04/2011 13:33
Trip Blank	11C1255-23	Ground Water	Grab	03/28/2011 07:50	04/04/2011 13:33
GL-12 (-17)	11C1255-31	Ground Water	Grab	03/21/2011 14:40	04/04/2011 13:33
GL-12 (-3)	11C1255-32	Ground Water	Grab	03/21/2011 13:40	04/04/2011 13:33
GL-10 (-1)	11C1255-33	Ground Water	Grab	03/22/2011 14:35	04/04/2011 13:33

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
GL-10 (-31)	11C1255-34	Ground Water	Grab	03/22/2011 13:40	04/04/2011 13:33
GL-14 (-33)	11C1255-35	Ground Water	Grab	03/22/2011 12:19	04/04/2011 13:33
GL-14 (+1)	11C1255-36	Ground Water	Grab	03/22/2011 11:18	04/04/2011 13:33
GL-13 (+1)	11C1255-37	Ground Water	Grab	03/22/2011 10:27	04/04/2011 13:33
GL-13 (-26)	11C1255-38	Ground Water	Grab	03/22/2011 09:35	04/04/2011 13:33
GL-11 (-1)	11C1255-39	Ground Water	Grab	03/23/2011 10:26	04/04/2011 13:33
GL-08 (-36)	11C1255-40	Ground Water	Grab	03/23/2011 13:36	04/04/2011 13:33
GL-08 (-3)	11C1255-41	Ground Water	Grab	03/23/2011 14:27	04/04/2011 13:33
GL-12 (-17) Dissolved	11C1255-42	Ground Water	Grab	03/21/2011 14:40	04/04/2011 13:33
GL-12 (-3) Dissolved	11C1255-43	Ground Water	Grab	03/21/2011 13:40	04/04/2011 13:33
Duplicate	11C1255-44	Ground Water	Grab	03/28/2011 00:00	04/04/2011 13:33
GL-02 (-5) Dissolved	11C1255-45	Ground Water	Grab	04/01/2011 00:00	04/04/2011 13:33
GL-02 (-29) Dissolved	11C1255-46	Ground Water	Grab	04/01/2011 00:00	04/04/2011 13:33
GL-05 (-7) Dissolved	11C1255-47	Ground Water	Grab	04/01/2011 00:00	04/04/2011 13:33
Duplicate	11C1255-48	Ground Water	Grab	04/01/2011 00:00	04/04/2011 13:33
GL-05 (-25) Dissolved	11C1255-49	Ground Water	Grab	04/04/2011 09:30	04/04/2011 13:33
GL-08S (-3)	11C1255-50	Ground Water	Grab	04/08/2011 09:25	04/04/2011 13:33
GL-08D (-36)	11C1255-51	Ground Water	Grab	04/08/2011 08:30	04/04/2011 13:33

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

CASE NARRATIVE

RG Steel, LLC
Greys Landfill
Russ Becker
1430 Sparrows Point Blvd
Sparrows Point , MD 21219

51 sample(s) were received by Curtis B. Read of Microbac laboratories, Baltimore Division on 4/4/2011 1:33:00 PM and sample(s) condition(s) were checked and found to be acceptable unless otherwise noted in the 'Cooler Receipt Log' or 'Statement of Qualifications' sections of this report. The samples were logged into the LIMS by Mark B. Horan on 3/21/2011 8:09:10 AM and compared to the client DQO. Any deviations from the client DQO and method specific quality control requirements are noted in the 'Statement of Data Qualifications'.

Other Notes/Comments:

Several samples were resampled for Alkalinity analysis which was repeated due to Quality Control Standards being out of acceptance limits, and the recommended holding time had expired before reanalysis could occur.

Samples required numerous dilutions and reanalyses due to concentrations, matrix issues and Quality Control issues. They are noted in the statements beginning on the next page.

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

STATEMENT OF DATA QUALIFICATIONS

All samples recieved in proper condition unless otherwise noted below.
All quality control parameters were meet unless otherwise noted below.

Qualifications:

Analyte is found in method blank.

Analyte & Samples(s) Qualified:

4-Isopropyltoluene

1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-19RE1[GL-20 (-5)], M1D0701-CCV1

Naphthalene

1114062-BS1, 1114062-BSD1, 11C1255-17[GL-18 (-33)]

Qualifications:

Target analyte detected in method blank at or above reporting limit. The analyte concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Naphthalene

1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-17[GL-18 (-33)], M1C2904-CCV1

Qualifications:

The LCS recovery was above the laboratory acceptance limits. The reported result is estimated.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene

1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-17[GL-18 (-33)], M1C2904-CCV1

1,2,4-Trimethylbenzene

1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-17[GL-18 (-33)], M1C2904-CCV1

1,2-Dichloroethane

1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-17[GL-18 (-33)], M1C2904-CCV1

Butylbenzene

1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-17[GL-18 (-33)], M1C2904-CCV1

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Qualifications:

The LCS recovery was above the laboratory acceptance limits. The target analyte concentration was below the reporting limit. No negative impact on the data.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene

1114002-BLK1, 1114002-BS1, 1114002-BSD1, 1114002-MS1, 1114002-MSD1, 11C1255-37[GL-13 (+1)], 11C1255-38[GL-13 (-26)], 11C1255-39[GL-11 (-1)], 11C1255-40[GL-08 (-36)], M1C2803-CCV1

1,2,4-Trimethylbenzene

1114002-BS1, 1114002-MS1, 1114225-BLK1, 1114225-BS1, 11C1255-03RE1[GL-03 (-3)], 11C1255-14[GL-17 (-1)], 11C1255-16[GL-18 (-3)], 11C1255-41RE1[GL-08 (-3)], 11C1255-44RE1[Duplicate], M1D0108-CCV1

2-Chloroethyl Vinyl Ether

1115044-BLK1, 1115044-BS1, 1115044-BSD1, 1115044-MS1, 1115044-MSD1, 1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], 11C1255-02[GL-02 (-29)], 11C1255-04RE1[GL-03 (-16)], 11C1255-05[GL-05 (-7)], 11C1255-06[GL-05 (-25)], 11C1255-07RE2[GL-09 (-2)], 11C1255-10[GL-15 (-6)], 11C1255-11[GL-15 (-36)], 11C1255-12[GL-16 (-6)], 11C1255-13[GL-16 (-32)], 11C1255-15RE1[GL-17 (-31)], 11C1255-20RE1[TS-01 (-7)], 11C1255-48[Duplicate], M1D0506-CCV1, M1D0602-CCV1

4-Isopropyltoluene

1115099-BLK1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Qualifications:

The LCS recovery was below the laboratory acceptance limits. The reported result is estimated.

Analyte & Samples(s) Qualified:

2-Chloroethyl Vinyl Ether

1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-17[GL-18 (-33)], M1C2904-CCV1

Allyl Chloride (3-Chloropropylene)

1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-19RE1[GL-20 (-5)], M1D0701-CCV1

Bromomethane

1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Trichlorofluoromethane

1114002-BLK1, 1114002-BS1, 1114002-BSD1, 1114002-MS1, 1114002-MSD1, 11C1255-37[GL-13 (+1)], 11C1255-38[GL-13 (-26)], 11C1255-39[GL-11 (-1)], 11C1255-40[GL-08 (-36)], M1C2803-CCV1

Qualifications:

The Matrix Spike recovery was biased low.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane

1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-19RE1[GL-20 (-5)], M1D0701-CCV1

4-Isopropyltoluene

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2504-CCV1

Carbon Tetrachloride

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2504-CCV1

Trichlorofluoromethane

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2504-CCV1

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Qualifications:

The matrix spike recovery was biased high, the LCS recovery was acceptable.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2504-CCV1

1,2-Dibromo-3-chloropropane

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2504-CCV1

2-Butanone (MEK)

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2504-CCV1

4-Isopropyltoluene

1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Acetone

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)]

Naphthalene

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2504-CCV1

Qualifications:

The matrix spike recovery was biased low, the reported result is estimated.

Analyte & Samples(s) Qualified:

Bromobenzene

1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Qualifications:

The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample is disproportionate to the spike level. The LCS recovery is acceptable.

Analyte & Samples(s) Qualified:

4-Isopropyltoluene

1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-19RE1[GL-20 (-5)], M1D0701-CCV1

Tetrachloroethene

1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-19RE1[GL-20 (-5)], M1D0701-CCV1

Qualifications:

Sample received with improper preservation.

Analyte & Samples(s) Qualified:

11C1255-10[GL-15 (-6)], 11C1255-11[GL-15 (-36)]

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Qualifications:

Sample Duplicate RPD was out of acceptance limits.

Analyte & Samples(s) Qualified:

2-Butanone (MEK)

1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-19RE1[GL-20 (-5)], M1D0701-CCV1

2-Hexanone (MBK)

1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-19RE1[GL-20 (-5)], M1D0701-CCV1

Bromodichloromethane

1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Carbon Tetrachloride

1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Chloromethane

1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-17[GL-18 (-33)], M1C2904-CCV1

Dibromochloromethane

1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Dibromofluoromethane

1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Trichlorofluoromethane

1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-01RE1[GL-02 (-5)], 11C1255-19RE1[GL-20 (-5)], M1D0602-CCV1, M1D0701-CCV1

Qualifications:

MS/MSD RPD was out of acceptance limits. Recoveries met acceptance limits.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane

1115044-BLK1, 1115044-BS1, 1115044-BSD1, 1115044-MS1, 1115044-MSD1, 11C1255-02[GL-02 (-29)], 11C1255-04RE1[GL-03 (-16)], 11C1255-05[GL-05 (-7)], 11C1255-06[GL-05 (-25)], 11C1255-07RE2[GL-09 (-2)], 11C1255-10[GL-15 (-6)], 11C1255-11[GL-15 (-36)], 11C1255-12[GL-16 (-6)], 11C1255-13[GL-16 (-32)], 11C1255-15RE1[GL-17 (-31)], 11C1255-20RE1[TS-01 (-7)], 11C1255-48[Duplicate], M1D0506-CCV1

2,2-Dichloropropane

1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Acrolein

11C1255-19RE1[GL-20 (-5)]

Bromomethane

1114002-BS1, 1114002-MS1, 1114225-BLK1, 1114225-BS1, 1114225-BSD1, 1114225-MS1, 1114225-MSD1, 1115044-BLK1, 1115044-BS1, 1115044-BSD1, 1115044-MS1, 1115044-MSD1, 11C1255-02[GL-02 (-29)], 11C1255-03RE1[GL-03 (-3)], 11C1255-04RE1[GL-03 (-16)], 11C1255-05[GL-05 (-7)], 11C1255-06[GL-05 (-25)], 11C1255-07RE2[GL-09 (-2)], 11C1255-10[GL-15 (-6)], 11C1255-11[GL-15 (-36)], 11C1255-12[GL-16 (-6)], 11C1255-13[GL-16 (-32)], 11C1255-14[GL-17 (-1)], 11C1255-15RE1[GL-17 (-31)], 11C1255-16[GL-18 (-3)], 11C1255-20RE1[TS-01 (-7)], 11C1255-41RE1[GL-08 (-3)], 11C1255-44RE1[Duplicate], 11C1255-48[Duplicate], M1D0108-CCV1, M1D0506-CCV1

Styrene

1115044-BSD1

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Qualifications:

MS/MSD RPD was out of acceptance limits.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane

1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Methyl Isobutyl Ketone

1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], M1D0602-CCV1

Qualifications:

Surrogate recovery was above laboratory acceptance limits. No negative impact on the data.

Analyte & Samples(s) Qualified:

1,2-Dichloroethane-d4

1113155-BSD1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-21[Trip Blank], 11C1255-23[Trip Blank], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)]

4-Bromofluorobenzene

1113155-BLK1, 1113155-BS1, 1113155-MS1, 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-31[GL-12 (-17)], 11C1255-33RE1[GL-10 (-1)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2401-CCV1, M1C2504-CCV1

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene

1113155-BLK1, 11C1255-09[GL-11 (-33)], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], M1C2401-CCV1

1,2-Dichloroethane

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 1114002-BLK1, 1114002-BS1, 1114002-BSD1, 1114002-MS1, 1114002-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], 11C1255-37[GL-13 (+1)], 11C1255-38[GL-13 (-26)], 11C1255-39[GL-11 (-1)], 11C1255-40[GL-08 (-36)], M1C2504-CCV1, M1C2803-CCV1

2-Chloroethyl Vinyl Ether

1114225-BLK1, 1114225-BS1, 1114225-BSD1, 1115044-BLK1, 1115044-BS1, 1115044-BSD1, 1115044-MS1, 1115044-MSD1, 1115099-BLK1, 1115099-BS1, 1115099-BSD1, 1115099-MS1, 1115099-MSD1, 11C1255-01RE1[GL-02 (-5)], 11C1255-02[GL-02 (-29)], 11C1255-03RE1[GL-03 (-3)], 11C1255-04RE1[GL-03 (-16)], 11C1255-05[GL-05 (-7)], 11C1255-06[GL-05 (-25)], 11C1255-07RE2[GL-09 (-2)], 11C1255-10[GL-15 (-6)], 11C1255-11[GL-15 (-36)], 11C1255-12[GL-16 (-6)], 11C1255-13[GL-16 (-32)], 11C1255-14[GL-17 (-1)], 11C1255-15RE1[GL-17 (-31)], 11C1255-16[GL-18 (-3)], 11C1255-20RE1[TS-01 (-7)], 11C1255-41RE1[GL-08 (-3)], 11C1255-44RE1[Duplicate], 11C1255-48[Duplicate], M1D0108-CCV1, M1D0506-CCV1, M1D0602-CCV1

2-Hexanone (MBK)

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2504-CCV1

Acrolein

11C1255-02[GL-02 (-29)], 11C1255-04RE1[GL-03 (-16)], 11C1255-05[GL-05 (-7)], 11C1255-06[GL-05 (-25)], 11C1255-07RE2[GL-09 (-2)], 11C1255-10[GL-15 (-6)], 11C1255-11[GL-15 (-36)], 11C1255-12[GL-16 (-6)], 11C1255-13[GL-16 (-32)], 11C1255-15RE1[GL-17 (-31)], 11C1255-20RE1[TS-01 (-7)], 11C1255-48[Duplicate]

Bromobenzene

1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2504-CCV1

Chloromethane

1113155-BLK1, 1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-17[GL-18 (-33)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2401-CCV1, M1C2504-CCV1, M1C2904-CCV1

Iodomethane

1115044-BLK1, 1115044-BS1, 1115044-BSD1, 1115044-MS1, 1115044-MSD1, 1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-02[GL-02 (-29)], 11C1255-04RE1[GL-03 (-16)], 11C1255-05[GL-05 (-7)], 11C1255-06[GL-05 (-25)], 11C1255-07RE2[GL-09 (-2)], 11C1255-10[GL-15 (-6)], 11C1255-11[GL-15 (-36)], 11C1255-12[GL-16 (-6)], 11C1255-13[GL-16 (-32)], 11C1255-15RE1[GL-17 (-31)], 11C1255-19RE1[GL-20 (-5)], 11C1255-20RE1[TS-01 (-7)], 11C1255-48[Duplicate], M1D0506-CCV1, M1D0701-CCV1

Methyl Isobutyl Ketone

1113155-BLK1, 1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2401-CCV1, M1C2504-CCV1

Methyl Methacrylate

1113155-BLK1, 1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2401-CCV1, M1C2504-CCV1

Naphthalene

1113155-BLK1, 1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-17[GL-18 (-33)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2401-CCV1, M1C2504-CCV1, M1C2904-CCV1

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene

1113155-BLK1, 1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2401-CCV1, M1C2504-CCV1

Qualifications:

CCV recovery was below acceptance limits. The reported result is estimated.

Analyte & Samples(s) Qualified:

2-Chloroethyl Vinyl Ether

1113155-BLK1, 1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 1114002-BLK1, 1114002-BS1, 1114002-BSD1, 1114002-MS1, 1114002-MSD1, 1114062-BLK1, 1114062-BS1, 1114062-BSD1, 1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-17[GL-18 (-33)], 11C1255-19RE1[GL-20 (-5)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], 11C1255-37[GL-13 (+1)], 11C1255-38[GL-13 (-26)], 11C1255-39[GL-11 (-1)], 11C1255-40[GL-08 (-36)], M1C2401-CCV1, M1C2504-CCV1, M1C2803-CCV1, M1C2904-CCV1, M1D0701-CCV1

Allyl Chloride (3-Chloropropylene)

1115148-BLK1, 1115148-BS1, 1115148-BSD1, 1115148-MS1, 1115148-MSD1, 11C1255-19RE1[GL-20 (-5)], M1D0701-CCV1

Bromomethane

1113155-BLK1, 1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], M1C2401-CCV1, M1C2504-CCV1

Carbon Tetrachloride

1113155-BLK1, 1113155-BS1, 1113155-BSD1, 1113155-MS1, 1113155-MSD1, 1114002-BLK1, 1114002-BS1, 1114002-BSD1, 1114002-MS1, 1114002-MSD1, 1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-17[GL-18 (-33)], 11C1255-21[Trip Blank], 11C1255-22[Trip Blank], 11C1255-23[Trip Blank], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], 11C1255-33RE1[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], 11C1255-37[GL-13 (+1)], 11C1255-38[GL-13 (-26)], 11C1255-39[GL-11 (-1)], 11C1255-40[GL-08 (-36)], M1C2401-CCV1, M1C2504-CCV1, M1C2803-CCV1, M1C2904-CCV1

Chloromethane

1114002-BLK1, 1114002-BS1, 1114002-BSD1, 1114002-MS1, 1114002-MSD1, 11C1255-37[GL-13 (+1)], 11C1255-38[GL-13 (-26)], 11C1255-39[GL-11 (-1)], 11C1255-40[GL-08 (-36)], M1C2803-CCV1

Hexachlorobutadiene

1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-17[GL-18 (-33)], M1C2904-CCV1

Iodomethane

1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-09[GL-11 (-33)], 11C1255-17[GL-18 (-33)], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], M1C2401-CCV1, M1C2904-CCV1

Naphthalene

1114002-BLK1, 1114002-BS1, 1114002-BSD1, 1114002-MS1, 1114002-MSD1, 11C1255-37[GL-13 (+1)], 11C1255-38[GL-13 (-26)], 11C1255-39[GL-11 (-1)], 11C1255-40[GL-08 (-36)], M1C2803-CCV1

Trichlorofluoromethane

1113155-BLK1, 1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-09[GL-11 (-33)], 11C1255-17[GL-18 (-33)], 11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)], M1C2401-CCV1, M1C2904-CCV1

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Qualifications:

LCS %REC was above acceptance levels, MS, MSD & CCV were acceptable

Analyte & Samples(s) Qualified:

1,2,4-Trimethylbenzene

1115044-BLK1, 1115044-BS1, 1115044-BSD1, 1115044-MS1, 1115044-MSD1, 11C1255-02[GL-02 (-29)], 11C1255-04RE1[GL-03 (-16)], 11C1255-05[GL-05 (-7)], 11C1255-06[GL-05 (-25)], 11C1255-07RE2[GL-09 (-2)], 11C1255-10[GL-15 (-6)], 11C1255-11[GL-15 (-36)], 11C1255-12[GL-16 (-6)], 11C1255-13[GL-16 (-32)], 11C1255-15RE1[GL-17 (-31)], 11C1255-20RE1[TS-01 (-7)], 11C1255-48[Duplicate], M1D0506-CCV1

Qualifications:

The MS/MSD recovery was 0%, samples with simular matrix should be considered estimated.

Analyte & Samples(s) Qualified:

Vinyl chloride

1114062-BLK1, 1114062-BS1, 1114062-BSD1, 11C1255-17[GL-18 (-33)], M1C2904-CCV1

Qualifications:

CCV recovery was below acceptance limits. The reported result is estimated.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol

M1C3001-CCV1, M1D0301-CCV1

4,6-Dinitro-2-methylphenol

M1C3001-CCV1

4-Nitrophenol

M1C3107-CCV2

Bis(2-Ethylhexyl)phthalate

M1C3001-CCV2, M1C3107-CCV1, M1C3107-CCV2, M1D0301-CCV1

Butylbenzylphthalate

M1C3107-CCV1, M1C3107-CCV2

Di-n-octylphthalate

11C1255-19[GL-20 (-5)], M1C3001-CCV1, M1C3001-CCV2, M1C3107-CCV1, M1C3107-CCV2, M1D0301-CCV1, M1D1101-CCV1, M1D1101-CCV2

Qualifications:

Initial analysis performed within recommended hold-time. Re-analysis performed out of hold with no significant difference between initial results and re-analyses.

Analyte & Samples(s) Qualified:

Alkalinity

11C1255-03[GL-03 (-3)], 11C1255-04[GL-03 (-16)], 11C1255-14[GL-17 (-1)], 11C1255-15[GL-17 (-31)], 11C1255-16[GL-18 (-3)], 11C1255-17[GL-18 (-33)], 11C1255-44[Duplicate]

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

COD, Total

1115064-DUP3

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Silver

M1D0803-CCV4, M1D0803-CCV7

Qualifications:

ICV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Silver

M1D0803-ICV1, M1D0803-ICV2

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Beryllium

1115077-DUP4

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Beryllium

M1D0103-CCV2, M1D0103-CCV3, M1D0103-CCV4, M1D0803-CCV4

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Chromium

1114155-DUP2

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Copper

1114155-DUP2

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Copper

M1D0103-CCV4

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Qualifications:

Target analyte detected in continuing calibration blank at or above reporting limit. Concentration found in the samples was 20 times the concentration found in the blank. No impact on data.

Analyte & Samples(s) Qualified:

Iron

11C1255-46[GL-02 (-29) Dissolved], 11C1255-47[GL-05 (-7) Dissolved], 11C1255-49[GL-05 (-25) Dissolved], M1C2405-CCB6, M1D0815-CCB7

Qualifications:

CCB contained 0.0058 mg/L Iron.

Analyte & Samples(s) Qualified:

Iron

11C1255-45[GL-02 (-5) Dissolved], M1D0815-CCB7

Qualifications:

Target analyte detected in continuing calibration blank at or above reporting limit. Concentration found in the samples was 20 times the concentration found in the blank. No impact on data.

Analyte & Samples(s) Qualified:

Potassium

M1D0815-CCBA, M1D0815-CCBB

Qualifications:

The matrix spike recovery was biased high, the LCS recovery was acceptable.

Analyte & Samples(s) Qualified:

Magnesium

1115076-MSD1

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Manganese

M1D0103-CCV4

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Nickel

M1D0103-CCV4

Qualifications:

The LCS recovery was above the laboratory acceptance limits. The target analyte concentration was below the reporting limit. No negative impact on the data.

Analyte & Samples(s) Qualified:

Antimony

1115077-BS1

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Antimony

M1D0803-CCV1, M1D0803-CCV4, M1D0803-CCV6

Qualifications:

ICV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Antimony

M1D0103-ICV2, M1D0803-ICV1, M1D0803-ICV2

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Selenium

1115077-DUP4

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Vanadium

1114155-DUP2, 1115077-DUP4

Qualifications:

COMPLETED

Analyte & Samples(s) Qualified:

Filtration (0.45 um filter)

11C1255-42[GL-12 (-17) Dissolved], 11C1255-43[GL-12 (-3) Dissolved], 11C1255-45[GL-02 (-5) Dissolved], 11C1255-46[GL-02 (-29) Dissolved], 11C1255-47[GL-05 (-7) Dissolved], 11C1255-49[GL-05 (-25) Dissolved]

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Mercury

M1D0507-CCV4, M1D0710-CCV1, M1D0710-CCV2, M1D0710-CCV3

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Mercury

M1D0507-CCV4, M1D0710-CCV1, M1D0710-CCV2, M1D0710-CCV3, M1D1201-CCV4, M1D1201-CCV5

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Silver

M1C2303-CCV3, M1D0803-CCV4, M1D0803-CCV7

Qualifications:

ICV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Silver

M1D0803-ICV1, M1D0803-ICV2

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Beryllium

1115077-DUP4

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Beryllium

M1D0103-CCV2, M1D0103-CCV3, M1D0103-CCV4, M1D0803-CCV4

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Cobalt

M1D0103-CCV4

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Chromium

1114155-DUP2

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
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Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Copper

1113066-DUP1, 1114155-DUP2

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Copper

M1D0103-CCV4

Qualifications:

Analyte is found in method blank.

Analyte & Samples(s) Qualified:

Iron

1113232-BS1, 1113232-DUP1, 1113232-MS1, 1113232-MSD1, 1113232-PS1, 11C1255-07[GL-09 (-2)], 11C1255-08[GL-09 (-20)], 11C1255-09[GL-11 (-33)], 11C1255-33[GL-10 (-1)], 11C1255-34[GL-10 (-31)], 11C1255-35[GL-14 (-33)], 11C1255-36[GL-14 (+1)], 11C1255-37[GL-13 (+1)], 11C1255-38[GL-13 (-26)], 11C1255-39[GL-11 (-1)], 11C1255-40[GL-08 (-36)], 11C1255-41[GL-08 (-3)]

Qualifications:

Target analyte detected in method blank at or above reporting limit.

Analyte & Samples(s) Qualified:

Iron

1113232-BLK1, 11C1255-37[GL-13 (+1)], 11C1255-41[GL-08 (-3)]

Qualifications:

Target analyte detected in method blank at or above reporting limit. The analyte concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Iron

M1D0815-CCB7

Qualifications:

Target analyte detected in continuing calibration blank at or above reporting limit. Concentration found in the samples was 20 times the concentration found in the blank. No impact on data.

Analyte & Samples(s) Qualified:

Iron

11C1255-01[GL-02 (-5)], 11C1255-02[GL-02 (-29)], 11C1255-12[GL-16 (-6)], 11C1255-13[GL-16 (-32)], M1C2405-CCB6, M1C3007-CCB4, M1C3007-CCBD, M1D0815-CCB7

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Qualifications:

Target analyte detected in continuing calibration blank at or above reporting limit. The analyte concentration was below the reporting limit. No impact on data.

Analyte & Samples(s) Qualified:

Iron

11C1255-10[GL-15 (-6)], 11C1255-20[TS-01 (-7)]

Qualifications:

CCB contained 0.0058 mg/L Iron.

Analyte & Samples(s) Qualified:

Iron

11C1255-11[GL-15 (-36)], 11C1255-14[GL-17 (-1)], 11C1255-15[GL-17 (-31)], M1D0815-CCB7

Qualifications:

Target analyte detected in continuing calibration blank at or above reporting limit. Concentration found in the samples was 20 times the concentration found in the blank. No impact on data.

Analyte & Samples(s) Qualified:

Potassium

11C1255-19[GL-20 (-5)], M1D0815-CCBA, M1D0815-CCBB

Qualifications:

The matrix spike recovery was biased high, the LCS recovery was acceptable.

Analyte & Samples(s) Qualified:

Magnesium

1115076-MSD1

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Manganese

M1C2303-CCV3, M1D0103-CCV4

Qualifications:

Linearity Checks out of acceptance limits; result concentration was within calibration curve.

Analyte & Samples(s) Qualified:

Sodium

M1C2405-HCV1

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Nickel

M1D0103-CCV4

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Qualifications:

The LCS recovery was above the laboratory acceptance limits. The target analyte concentration was below the reporting limit. No negative impact on the data.

Analyte & Samples(s) Qualified:

Antimony

1113066-BS1, 1113234-BS1, 1115077-BS1

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Antimony

M1D0803-CCV1, M1D0803-CCV4, M1D0803-CCV6

Qualifications:

ICV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Antimony

M1C2903-ICV2, M1D0103-ICV2, M1D0803-ICV1, M1D0803-ICV2

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Selenium

1115077-DUP4

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Thallium

M1C2303-CCV4

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Vanadium

1114155-DUP2, 1115077-DUP4

Qualifications:

CCV recovery was above acceptance limits. The concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Vanadium

M1C2903-CCV2, M1C2903-CCV4

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Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Ammonia as N

1113063-DUP1, 1113063-DUP2

Qualifications:

The matrix spike recovery was biased high, the LCS recovery was acceptable.

Analyte & Samples(s) Qualified:

Nitrate/Nitrite as N

1113142-MS2

Qualifications:

Sample Duplicate RPD was out of acceptance limits.

Analyte & Samples(s) Qualified:

Sulfate as SO4

1116182-DUP1

Qualifications:

Sample analyzed past maximum recommended holding time.

Analyte & Samples(s) Qualified:

Total Dissolved Solids

11C1255-48[Duplicate]

Qualifications:

Sample analyzed past maximum recommended holding time.

Analyte & Samples(s) Qualified:

Turbidity

11C1255-31[GL-12 (-17)], 11C1255-32[GL-12 (-3)]

Qualifications:

Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.

Analyte & Samples(s) Qualified:

Turbidity

1113173-DUP1

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-5)

11C1255-01 (Ground Water) Sampled: 04/01/2011 08:45; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**270**	4.0	mg CaCO3/L	041411 1036	041411 1045	BMC	SM (20) 2320B	D
Chloride	**220**	2.5	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**190**	20	mg/L	040511 1300	040611 0738	LCR	EPA410.4/HACH8000	D
Ammonia as N	**0.22**	0.10	mg/L	040411 1140	040411 1429	VAS	SM(20)4500NH3-G	
Nitrite as N	**0.0074**	0.012	mg/L	040111 1634	040111 1634	VAS	EPA 353.2	J
Nitrate as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	U
Sulfate as SO4	**280**	10	mg/L	041411 0900	041411 1341	LCR	ASTM D516-02	D
Total Dissolved Solids	**1100**	10	mg/L	040811 0700	040811 0702	LCR	SM (20) 2540 C	D
Turbidity	**53**	1.0	NTU	040111 1445	040111 1445	BMC	EPA 180.1	D
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1302	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**420**	1.7	mg/L	040511 1457	040711 1149	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	U
Arsenic	**0.0058**	0.0020	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	
Barium	**0.041**	0.0050	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	040511 1502	041211 1835	PBK	EPA 200.8/6020	U
Calcium	**92**	0.50	mg/L	040511 1457	040711 1149	APS	EPA 200.7/6010B	D
Cadmium	**0.0012**	0.00050	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	
Cobalt	**0.0012**	0.0050	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	J
Chromium	**0.0045**	0.0020	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	
Copper	**0.0061**	0.0010	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	
Iron	**7.0**	0.0050	mg/L	040511 1457	040711 0955	APS	EPA 200.7/6010B	B4
Potassium	**89**	0.010	mg/L	040511 1457	040711 0955	APS	EPA 200.7/6010B	
Magnesium	**46**	0.10	mg/L	040511 1457	040711 1149	APS	EPA 200.7/6010B	D

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GL-02 (-5)

11C1255-01 (Ground Water) Sampled: 04/01/2011 08:45; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Manganese	**0.44**	0.0010	mg/L	040511 1502	040711 1919	PBK	EPA 200.8/6020	
Sodium	**160**	10	mg/L	040511 1457	040711 1149	APS	EPA 200.7/6010B	D
Nickel	**0.031**	0.0050	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	
Lead	**0.0080**	0.0010	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	
Antimony	**0.00058**	0.0050	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	J
Selenium	**0.010**	0.0050	mg/L	040511 1502	041211 1835	PBK	EPA 200.8/6020	
Thallium	**0.00049**	0.0010	mg/L	040511 1502	041211 1835	PBK	EPA 200.8/6020	J
Vanadium	**0.010**	0.0050	mg/L	040511 1502	041211 1835	PBK	EPA 200.8/6020	
Zinc	**0.12**	0.0050	mg/L	040511 1502	040711 1328	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Vinyl chloride	**0.96**	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	J
Bromomethane	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	L3, U
Chloroethane	**0.47**	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	J
Trichlorofluoromethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	R1, U
Acrolein	ND	10	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Acetone	ND	25	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Methyl-tert-Butyl Ether	**1.0**	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	
trans-1,2-Dichloroethene	**0.21**	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	J
Acrylonitrile	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,1-Dichloroethane	**23**	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-5)

11C1255-01 (Ground Water) Sampled: 04/01/2011 08:45; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Chloroprene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	R2, U
cis-1,2-Dichloroethene	**4.9**	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	
2-Butanone (MEK)	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	R1, U
Benzene	**6.6**	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	R1, U
Methyl Methacrylate	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	R4, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Toluene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	R1, U

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GL-02 (-5)

11C1255-01 (Ground Water) Sampled: 04/01/2011 08:45; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Chlorobenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
m,p-Xylenes	**0.33**	2.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	J
o-Xylene	**0.16**	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	J
Styrene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	R4, U
Bromobenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	M5, U
Propylbenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	L2, M3, U
1,3-Dichlorobenzene	**1.7**	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Naphthalene	**0.36**	1.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	J
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	U
Total Xylenes	**0.49**	3.0	ug/L	040611 1100	040611 1100	mbh	EPA 8260B	J

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-5)

11C1255-01 (Ground Water) Sampled: 04/01/2011 08:45; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: Dibromofluoromethane		*100%*	*90.8-116*	*040611 1100*	*040611 1100*		*EPA 8260B*	*R1*
Surrogate: 1,2-Dichloroethane-d4		*98.9%*	*77.8-136*	*040611 1100*	*040611 1100*		*EPA 8260B*	
Surrogate: Toluene-d8		*98.2%*	*87.5-113*	*040611 1100*	*040611 1100*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*101%*	*80.8-127*	*040611 1100*	*040611 1100*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**1800**	0.0	umhos/cm	040111 0845	040111 0845	LBG	EPA 120.1	
pH	**7.87**	1.00	pH Units	040111 0845	040111 0845	LBG	SM (20) 4500-H B	
Temperature	**11.4**	0.100	°C	040111 0845	040111 0845	LBG	SM (20) 2550 B	

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Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-29)

11C1255-02 (Ground Water) Sampled: 04/01/2011 10:25; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Alkalinity	ND	1.0	mg CaCO3/L	041411 1036	041411 1045	BMC	SM (20) 2320B	U
Chloride	**1500**	50	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**18**	10	mg/L	040511 1300	040611 0740	LCR	EPA410.4/HACH8000	
Ammonia as N	**2.9**	0.10	mg/L	040411 1140	040411 1429	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	040111 1634	040111 1634	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	U
Sulfate as SO4	**110**	10	mg/L	041411 0900	041411 1341	LCR	ASTM D516-02	D
Total Dissolved Solids	**2100**	40	mg/L	040811 0700	040811 0702	LCR	SM (20) 2540 C	D
Turbidity	**3.6**	0.10	NTU	040111 1445	040111 1445	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1305	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**440**	0.17	mg/L	040511 1457	040711 0959	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	U
Arsenic	**0.0037**	0.0020	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	
Barium	**0.12**	0.0050	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	
Beryllium	**0.0048**	0.0050	mg/L	040511 1502	041211 1840	PBK	EPA 200.8/6020	J, D
Calcium	**46**	0.050	mg/L	040511 1457	040711 0959	APS	EPA 200.7/6010B	
Cadmium	ND	0.00050	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	U
Cobalt	**0.00072**	0.0050	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	J
Chromium	ND	0.0020	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	U
Copper	**0.0011**	0.0010	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	
Iron	**9.6**	0.0050	mg/L	040511 1457	040711 0959	APS	EPA 200.7/6010B	B4
Potassium	**14**	0.10	mg/L	040511 1457	040811 1734	APS	EPA 200.7/6010B	D
Magnesium	**79**	0.010	mg/L	040511 1457	040711 0959	APS	EPA 200.7/6010B	
Manganese	**6.3**	0.020	mg/L	040511 1502	040711 1924	PBK	EPA 200.8/6020	D

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-29)

11C1255-02 (Ground Water) Sampled: 04/01/2011 10:25; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**680**	10	mg/L	040511 1457	040811 1734	APS	EPA 200.7/6010B	D
Nickel	**0.0026**	0.0050	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	J
Lead	**0.00040**	0.0010	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	J
Antimony	ND	0.0050	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	U
Selenium	**0.014**	0.025	mg/L	040511 1502	041211 1840	PBK	EPA 200.8/6020	J, D
Thallium	ND	0.0050	mg/L	040511 1502	041211 1840	PBK	EPA 200.8/6020	U, D
Vanadium	**0.020**	0.025	mg/L	040511 1502	041211 1840	PBK	EPA 200.8/6020	J, D
Zinc	**0.0053**	0.0050	mg/L	040511 1502	040711 1333	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,1-Dichloroethane	**0.38**	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	J
Chloroprene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-29)

11C1255-02 (Ground Water) Sampled: 04/01/2011 10:25; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Benzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-29)

11C1255-02 (Ground Water) Sampled: 04/01/2011 10:25; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,3-Dichlorobenzene	**0.95**	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	J
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Total Xylenes	ND	3.0	ug/L	040511 1507	040511 1507	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*102%*	*90.8-116*	*040511 1507*	*040511 1507*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*102%*	*77.8-136*	*040511 1507*	*040511 1507*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.9%*	*87.5-113*	*040511 1507*	*040511 1507*		*EPA 8260B*	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-29)

11C1255-02 (Ground Water) Sampled: 04/01/2011 10:25; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*98.4%*	*80.8-127*	*040511 1507*	*040511 1507*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**4600**	0.0	umhos/cm	040111 1025	040111 1025	LBG	EPA 120.1	
pH	**3.03**	1.00	pH Units	040111 1025	040111 1025	LBG	SM (20) 4500-H B	
Temperature	**12.1**	0.100	°C	040111 1025	040111 1025	LBG	SM (20) 2550 B	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-03 (-3)

11C1255-03 (Ground Water) Sampled: 03/28/2011 09:50; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Field Analysi								
Analyst: TJH	**pH:** 12.00		**Flow (g/min):** NA		**Res. Cl (mg/L):** NA		**GW Elev.(ft):** 5.55	
Temp. (C): 10.1	**Turb. (ntu):** NA		**D.O. (mg/L):** 0.97		**Cond. (umhos/cm):** 1410		**LEL (%):** NA	
ORP (mV): 125.1								
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Alkalinity	**260**	1.0	mg CaCO3/L	040711 0858	041511 1400	BMC	SM (20) 2320B	Z10a
Chloride	**41**	2.0	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	ND	10	mg/L	040111 1300	040411 1148	LCR	EPA410.4/HACH8000	U
Ammonia as N	**2.5**	0.10	mg/L	033111 0900	033111 1346	VAS	SM(20)4500NH3-G	
Nitrite as N	**1.3**	0.12	mg/L	032911 0731	032911 0731	VAS	EPA 353.2	D
Nitrate as N	**2.2**	0.12	mg/L	032911 0908	032911 0908	VAS	EPA 353.2	
Nitrate/Nitrite as N	**3.5**	0.050	mg/L	032911 0908	032911 0908	VAS	EPA 353.2	
Sulfate as SO4	**92**	5.0	mg/L	033011 1055	033011 1351	LCR	ASTM D516-02	D
Total Dissolved Solids	**600**	10	mg/L	033011 0932	033011 0932	LCR	SM (20) 2540 C	D
Turbidity	**0.43**	0.10	NTU	032911 1113	032911 1427	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040111 1414	040411 1650	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**420**	0.83	mg/L	033011 1223	040111 1350	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	U
Arsenic	**0.00078**	0.0020	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	J
Barium	**0.058**	0.0050	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	U
Calcium	**170**	0.25	mg/L	033011 1223	040111 1350	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	U
Cobalt	ND	0.0050	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	U

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Lewis B. Gunn III, Project Manager

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Baltimore Division
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GL-03 (-3)

11C1255-03 (Ground Water) Sampled: 03/28/2011 09:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	12.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	5.55
Temp. (C):	10.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	0.97	**Cond. (umhos/cm):**	1410	**LEL (%):**	NA
ORP (mV):	125.1								

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Metals, Total by EPA 200/6000 Series Methods

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Chromium	**0.0097**	0.0020	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	
Copper	**0.0085**	0.0010	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	
Iron	ND	0.0050	mg/L	033011 1223	040111 1334	APS	EPA 200.7/6010B	U
Potassium	**11**	0.010	mg/L	033011 1223	040111 1334	APS	EPA 200.7/6010B	
Magnesium	ND	0.050	mg/L	033011 1223	040111 1350	APS	EPA 200.7/6010B	U, D
Manganese	ND	0.0010	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	U
Sodium	**21**	1.0	mg/L	033011 1223	040111 1334	APS	EPA 200.7/6010B	
Nickel	**0.0079**	0.0050	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	
Lead	**0.059**	0.0010	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	U
Selenium	**0.0035**	0.0050	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	U
Vanadium	**0.028**	0.0050	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	
Zinc	**0.0033**	0.0050	mg/L	033011 1225	033111 1331	PBK	EPA 200.8/6020	J

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Dichlorodifluoromethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Acrolein	ND	10	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-03 (-3)

11C1255-03 (Ground Water) Sampled: 03/28/2011 09:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	12.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	5.55
Temp. (C):	10.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	0.97	**Cond. (umhos/cm):**	1410	**LEL (%):**	NA
ORP (mV):	125.1								

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Acetone	ND	25	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Benzene	**0.81**	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	J
1,2-Dichloroethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-03 (-3)

11C1255-03 (Ground Water) Sampled: 03/28/2011 09:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	12.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	5.55
Temp. (C):	10.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	0.97	**Cond. (umhos/cm):**	1410	**LEL (%):**	NA
ORP (mV):	125.1								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Bromodichloromethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Toluene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Styrene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U

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GL-03 (-3)

11C1255-03 (Ground Water) Sampled: 03/28/2011 09:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	12.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	5.55
Temp. (C):	10.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	0.97	**Cond. (umhos/cm):**	1410	**LEL (%):**	NA
ORP (mV):	125.1								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Bromobenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	L2, U
sec-Butylbenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
4-Isopropyltoluene	**0.43**	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	J
1,3-Dichlorobenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Naphthalene	**2.2**	1.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Total Xylenes	ND	3.0	ug/L	040411 2025	040411 2025	mbh	EPA 8260B	U
Surrogate: Dibromofluoromethane		*103%*	*90.8-116*	*040411 2025*	*040411 2025*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*103%*	*77.8-136*	*040411 2025*	*040411 2025*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.2%*	*87.5-113*	*040411 2025*	*040411 2025*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*98.0%*	*80.8-127*	*040411 2025*	*040411 2025*		*EPA 8260B*	

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11C1255-03 (Ground Water) Sampled: 03/28/2011 09:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	12.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	5.55
Temp. (C):	10.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	0.97	**Cond. (umhos/cm):**	1410	**LEL (%):**	NA
ORP (mV):	125.1								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
N-Nitrosodimethylamine	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Pyridine	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Pentachloroethane	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Aniline	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Bis(2-Chloroethyl)ether	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Phenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2-Chlorophenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
1,3-Dichlorobenzene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
1,4-Dichlorobenzene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
1,2-Dichlorobenzene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Bis(2-chloroisopropyl)ether	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2-Methylphenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Hexachloroethane	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
4-Methylphenol, 3-Methylphenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Nitrobenzene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Isophorone	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2-Nitrophenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2,4-Dimethylphenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
bis(2-Chloroethoxy)methane	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2,4-Dichlorophenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
1,2,4-Trichlorobenzene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Naphthalene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Hexachlorobutadiene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
4-Chloro-3-methylphenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2-Methylnaphthalene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-03 (-3)

11C1255-03 (Ground Water) Sampled: 03/28/2011 09:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	12.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	5.55
Temp. (C):	10.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	0.97	**Cond. (umhos/cm):**	1410	**LEL (%):**	NA
ORP (mV):	125.1								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Hexachlorocyclopentadiene	ND	10	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2,4,6-Trichlorophenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2,4,5-Trichlorophenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2-Chloronaphthalene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Acenaphthylene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Dimethylphthalate	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2,6-Dinitrotoluene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Acenaphthene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2,4-Dinitrophenol	ND	10	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Dibenzofuran	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
2,4-Dinitrotoluene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
4-Nitrophenol	ND	10	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Fluorene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
4-Chlorophenyl-phenylether	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Diethylphthalate	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
4,6-Dinitro-2-methylphenol	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
4-Bromophenyl-phenylether	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Hexachlorobenzene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Pentachlorophenol	ND	10	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Phenanthrene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Anthracene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Di-n-butylphthalate	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Fluoranthene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Pyrene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Butylbenzylphthalate	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-03 (-3)

11C1255-03 (Ground Water) Sampled: 03/28/2011 09:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	12.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	5.55
Temp. (C):	10.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	0.97	**Cond. (umhos/cm):**	1410	**LEL (%):**	NA
ORP (mV):	125.1								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
3,3´-Dichlorobenzidine	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Benz(a)anthracene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Chrysene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Bis(2-Ethylhexyl)phthalate	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Di-n-octylphthalate	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Benzo[b]fluoranthene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Benzo[k]fluoranthene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Benzo[a]pyrene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Indeno[1,2,3-cd]pyrene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Dibenz[a,h]anthracene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Benzo[g,h,i]perylene	ND	5.1	ug/L	032911 1030	032911 1613	RCS	EPA 8270C	U, D
Surrogate: 2-Fluorophenol		*41.6%*	*0.974-78.2*	*032911 1030*	*032911 1613*		*EPA 8270C*	
Surrogate: Phenol-d5		*28.0%*	*0-57.5*	*032911 1030*	*032911 1613*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*68.0%*	*15.3-131*	*032911 1030*	*032911 1613*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*67.7%*	*3.75-142*	*032911 1030*	*032911 1613*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*67.7%*	*12.5-139*	*032911 1030*	*032911 1613*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*68.2%*	*16.6-136*	*032911 1030*	*032911 1613*		*EPA 8270C*	

Field Sampling/Testing

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method
Conductivity	**1400**	0.0	umhos/cm	032811 0950	032811 0950	LBG	EPA 120.1
pH	**12.0**	1.00	pH Units	032811 0950	032811 0950	LBG	SM (20) 4500-H B
Temperature	**10.1**	0.100	°C	032811 0950	032811 0950	LBG	SM (20) 2550 B

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-03 (-16)

11C1255-04 (Ground Water) Sampled: 03/28/2011 08:50; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Field Analysi								
Analyst: TJH	**pH:** 8.10		**Flow (g/min):** NA		**Res. Cl (mg/L):** NA		**GW Elev.(ft):** 13.90	
Temp. (C): 11.8	**Turb. (ntu):** NA		**D.O. (mg/L):** 2.36		**Cond. (umhos/cm):** 1798		**LEL (%):** NA	
ORP (mV): 326.4								
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Alkalinity	**640**	10	mg CaCO3/L	040711 0858	041511 1400	BMC	SM (20) 2320B	Z10a, D
Chloride	**260**	5.0	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**180**	20	mg/L	040111 1300	040411 1150	LCR	EPA410.4/HACH8000	D
Ammonia as N	**9.5**	1.0	mg/L	033111 0900	033111 1346	VAS	SM(20)4500NH3-G	D
Nitrite as N	**0.0090**	0.012	mg/L	032911 0731	032911 0731	VAS	EPA 353.2	J
Nitrate as N	ND	0.050	mg/L	032911 0908	032911 0908	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032911 0908	032911 0908	VAS	EPA 353.2	U
Sulfate as SO4	**84**	5.0	mg/L	033011 1055	033011 1351	LCR	ASTM D516-02	D
Total Dissolved Solids	**1200**	20	mg/L	033011 0932	033011 0933	LCR	SM (20) 2540 C	D
Turbidity	**11**	0.10	NTU	032911 1113	032911 1427	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040111 1414	040411 1652	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**540**	1.7	mg/L	033011 1223	040111 1409	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	U
Arsenic	**0.0056**	0.0020	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	
Barium	**0.066**	0.0050	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	U
Calcium	**100**	0.50	mg/L	033011 1223	040111 1409	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	U
Cobalt	**0.0026**	0.0050	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	J

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GL-03 (-16)

11C1255-04 (Ground Water) Sampled: 03/28/2011 08:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	8.10	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	13.90
Temp. (C):	11.8	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.36	**Cond. (umhos/cm):**	1798	**LEL (%):**	NA
ORP (mV):	326.4								

Microbac Laboratories, Inc., Baltimore Division

Metals, Total by EPA 200/6000 Series Methods

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Chromium	**0.0023**	0.0020	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	
Copper	ND	0.0010	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	U
Iron	**0.081**	0.050	mg/L	033011 1223	040111 1409	APS	EPA 200.7/6010B	D
Potassium	**13**	0.10	mg/L	033011 1223	040111 1409	APS	EPA 200.7/6010B	D
Magnesium	**69**	0.10	mg/L	033011 1223	040111 1409	APS	EPA 200.7/6010B	D
Manganese	**0.23**	0.0010	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	
Sodium	**190**	10	mg/L	033011 1223	040111 1409	APS	EPA 200.7/6010B	D
Nickel	**0.0058**	0.0050	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	U
Antimony	**0.00048**	0.0050	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	J
Selenium	**0.0087**	0.0050	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	
Thallium	ND	0.0010	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	U
Zinc	ND	0.0050	mg/L	033011 1225	033111 1401	PBK	EPA 200.8/6020	U

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U

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GL-03 (-16)

11C1255-04 (Ground Water) Sampled: 03/28/2011 08:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	8.10	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	13.90
Temp. (C):	11.8	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.36	**Cond. (umhos/cm):**	1798	**LEL (%):**	NA
ORP (mV):	326.4								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Acetone	ND	25	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Benzene	**28**	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U

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GL-03 (-16)

11C1255-04 (Ground Water) Sampled: 03/28/2011 08:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	8.10	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	13.90
Temp. (C):	11.8	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.36	**Cond. (umhos/cm):**	1798	**LEL (%):**	NA
ORP (mV):	326.4								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Bromodichloromethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
m,p-Xylenes	**4.9**	2.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	
o-Xylene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	R2, U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-03 (-16)

11C1255-04 (Ground Water) Sampled: 03/28/2011 08:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	8.10	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	13.90
Temp. (C):	11.8	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.36	**Cond. (umhos/cm):**	1798	**LEL (%):**	NA
ORP (mV):	326.4								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Bromobenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Naphthalene	**0.86**	1.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	J
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	U
Total Xylenes	**4.9**	3.0	ug/L	040511 1300	040511 1300	MBH	EPA 8260B	
Surrogate: Dibromofluoromethane		*100%*	*90.8-116*	*040511 1300*	*040511 1300*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*101%*	*77.8-136*	*040511 1300*	*040511 1300*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.9%*	*87.5-113*	*040511 1300*	*040511 1300*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*99.6%*	*80.8-127*	*040511 1300*	*040511 1300*		*EPA 8260B*	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Baltimore Division
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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-03 (-16)

11C1255-04 (Ground Water) Sampled: 03/28/2011 08:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	8.10	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	13.90
Temp. (C):	11.8	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.36	**Cond. (umhos/cm):**	1798	**LEL (%):**	NA
ORP (mV):	326.4								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
N-Nitrosodimethylamine	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Pyridine	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Pentachloroethane	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Aniline	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Bis(2-Chloroethyl)ether	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Phenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2-Chlorophenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
1,3-Dichlorobenzene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
1,4-Dichlorobenzene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
1,2-Dichlorobenzene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2-Methylphenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Hexachloroethane	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
4-Methylphenol, 3-Methylphenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Nitrobenzene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Isophorone	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2-Nitrophenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2,4-Dimethylphenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
bis(2-Chloroethoxy)methane	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2,4-Dichlorophenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Naphthalene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Hexachlorobutadiene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
4-Chloro-3-methylphenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2-Methylnaphthalene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-03 (-16)

11C1255-04 (Ground Water) Sampled: 03/28/2011 08:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	8.10	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	13.90
Temp. (C):	11.8	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.36	**Cond. (umhos/cm):**	1798	**LEL (%):**	NA
ORP (mV):	326.4								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Hexachlorocyclopentadiene	ND	10	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2,4,6-Trichlorophenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2,4,5-Trichlorophenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2-Chloronaphthalene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Acenaphthylene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Dimethylphthalate	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2,6-Dinitrotoluene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Acenaphthene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2,4-Dinitrophenol	ND	10	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Dibenzofuran	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
2,4-Dinitrotoluene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
4-Nitrophenol	ND	10	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Fluorene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
4-Chlorophenyl-phenylether	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Diethylphthalate	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
4-Bromophenyl-phenylether	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Hexachlorobenzene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Pentachlorophenol	ND	10	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Phenanthrene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Anthracene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Di-n-butylphthalate	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Fluoranthene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Pyrene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Butylbenzylphthalate	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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GL-03 (-16)

11C1255-04 (Ground Water) Sampled: 03/28/2011 08:50; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	8.10	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	13.90
Temp. (C):	11.8	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.36	**Cond. (umhos/cm):**	1798	**LEL (%):**	NA
ORP (mV):	326.4								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
3,3´-Dichlorobenzidine	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Benz(a)anthracene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Chrysene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Bis(2-Ethylhexyl)phthalate	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Di-n-octylphthalate	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Benzo[b]fluoranthene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Benzo[k]fluoranthene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Benzo[a]pyrene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Indeno[1,2,3-cd]pyrene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Dibenz[a,h]anthracene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Benzo[g,h,i]perylene	ND	5.0	ug/L	032911 1030	032911 1722	RCS	EPA 8270C	U
Surrogate: 2-Fluorophenol		*44.3%*	*0.974-78.2*	*032911 1030*	*032911 1722*		*EPA 8270C*	
Surrogate: Phenol-d5		*31.2%*	*0-57.5*	*032911 1030*	*032911 1722*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*71.7%*	*15.3-131*	*032911 1030*	*032911 1722*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*71.8%*	*3.75-142*	*032911 1030*	*032911 1722*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*74.7%*	*12.5-139*	*032911 1030*	*032911 1722*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*65.1%*	*16.6-136*	*032911 1030*	*032911 1722*		*EPA 8270C*	

Field Sampling/Testing

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Conductivity	**1800**	0.0	umhos/cm	032811 0850	032811 0850	LBG	EPA 120.1	
pH	**8.10**	1.00	pH Units	032811 0850	032811 0850	LBG	SM (20) 4500-H B	
Temperature	**11.8**	0.100	°C	032811 0850	032811 0850	LBG	SM (20) 2550 B	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-05 (-7)

11C1255-05 (Ground Water) Sampled: 04/01/2011 13:25; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**56**	2.0	mg CaCO3/L	041411 1036	041411 1045	BMC	SM (20) 2320B	D
Chloride	**150**	5.0	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**35**	10	mg/L	040511 1300	040611 0742	LCR	EPA410.4/HACH8000	
Ammonia as N	**1.1**	0.10	mg/L	040411 1140	040411 1429	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	040111 1634	040111 1634	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	U
Sulfate as SO4	**600**	25	mg/L	041411 0900	041411 1341	LCR	ASTM D516-02	D
Total Dissolved Solids	**1300**	10	mg/L	040811 0700	040811 0703	LCR	SM (20) 2540 C	D
Turbidity	**0.62**	0.10	NTU	040111 1445	040111 1445	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1311	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**440**	0.17	mg/L	040511 1457	040711 1019	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	U
Arsenic	**0.0042**	0.0020	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	
Barium	**0.017**	0.0050	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	040511 1502	041211 1846	PBK	EPA 200.8/6020	U
Calcium	**48**	0.050	mg/L	040511 1457	040711 1019	APS	EPA 200.7/6010B	
Cadmium	**0.00040**	0.00050	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	J
Cobalt	**0.19**	0.0050	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	
Chromium	ND	0.0020	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	U
Copper	**0.0016**	0.0010	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	
Iron	**93**	0.050	mg/L	040511 1457	040711 1205	APS	EPA 200.7/6010B	D
Potassium	**1.6**	0.010	mg/L	040511 1457	040711 1019	APS	EPA 200.7/6010B	
Magnesium	**77**	0.010	mg/L	040511 1457	040711 1019	APS	EPA 200.7/6010B	
Manganese	**2.0**	0.020	mg/L	040511 1502	040711 1929	PBK	EPA 200.8/6020	D

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-05 (-7)

11C1255-05 (Ground Water) Sampled: 04/01/2011 13:25; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**120**	10	mg/L	040511 1457	040711 1205	APS	EPA 200.7/6010B	D
Nickel	**0.22**	0.0050	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	U
Antimony	ND	0.0050	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	U
Selenium	**0.0011**	0.0050	mg/L	040511 1502	041211 1846	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	040511 1502	041211 1846	PBK	EPA 200.8/6020	U
Vanadium	**0.0052**	0.0050	mg/L	040511 1502	041211 1846	PBK	EPA 200.8/6020	
Zinc	**0.15**	0.0050	mg/L	040511 1502	040711 1338	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,1-Dichloroethane	**0.86**	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	J
Chloroprene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-05 (-7)

11C1255-05 (Ground Water) Sampled: 04/01/2011 13:25; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Benzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-05 (-7)

11C1255-05 (Ground Water) Sampled: 04/01/2011 13:25; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,3-Dichlorobenzene	**0.87**	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	J
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Total Xylenes	ND	3.0	ug/L	040511 1540	040511 1540	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*101%*	*90.8-116*	*040511 1540*	*040511 1540*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*101%*	*77.8-136*	*040511 1540*	*040511 1540*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.7%*	*87.5-113*	*040511 1540*	*040511 1540*		*EPA 8260B*	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-05 (-7)

11C1255-05 (Ground Water) Sampled: 04/01/2011 13:25; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*99.0%*	*80.8-127*	*040511 1540*	*040511 1540*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**1400**	0.0	umhos/cm	040111 1325	040111 1325	LBG	EPA 120.1	
pH	**5.41**	1.00	pH Units	040111 1325	040111 1325	LBG	SM (20) 4500-H B	
Temperature	**13.9**	0.100	°C	040111 1325	040111 1325	LBG	SM (20) 2550 B	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-05 (-25)

11C1255-06 (Ground Water) Sampled: 04/04/2011 09:30; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**38**	1.0	mg CaCO3/L	041411 1036	041411 1045	BMC	SM (20) 2320B	
Chloride	**1000**	50	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**110**	10	mg/L	040511 1300	040611 0744	LCR	EPA410.4/HACH8000	
Ammonia as N	**3.7**	0.10	mg/L	040611 1100	040711 1233	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	040511 0754	040511 0754	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	040511 0754	040511 0754	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	040411 1333	040411 1333	VAS	EPA 353.2	U
Sulfate as SO4	**230**	10	mg/L	041411 0900	041411 1341	LCR	ASTM D516-02	D
Total Dissolved Solids	**2000**	20	mg/L	040811 0700	040811 0703	LCR	SM (20) 2540 C	D
Turbidity	**570**	2.0	NTU	040511 1036	040511 1119	BMC	EPA 180.1	D
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1313	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**260**	0.17	mg/L	040511 1457	040711 1023	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	U
Arsenic	**0.0056**	0.0020	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	
Barium	**0.080**	0.0050	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	040511 1502	041211 1901	PBK	EPA 200.8/6020	U
Calcium	**28**	0.050	mg/L	040511 1457	040711 1023	APS	EPA 200.7/6010B	
Cadmium	ND	0.00050	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	U
Cobalt	ND	0.0050	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	U
Chromium	ND	0.0020	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	U
Copper	**0.00055**	0.0010	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	J
Iron	**210**	0.050	mg/L	040511 1457	040711 1221	APS	EPA 200.7/6010B	D
Potassium	**6.3**	0.010	mg/L	040511 1457	040711 1023	APS	EPA 200.7/6010B	
Magnesium	**46**	0.010	mg/L	040511 1457	040711 1023	APS	EPA 200.7/6010B	
Manganese	**4.4**	0.020	mg/L	040511 1502	040711 1945	PBK	EPA 200.8/6020	D

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
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GL-05 (-25)

11C1255-06 (Ground Water) Sampled: 04/04/2011 09:30; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**440**	10	mg/L	040511 1457	040711 1221	APS	EPA 200.7/6010B	D
Nickel	**0.00090**	0.0050	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	J
Lead	ND	0.0010	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	U
Antimony	ND	0.0050	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	U
Selenium	**0.0014**	0.0050	mg/L	040511 1502	041211 1901	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	040511 1502	041211 1901	PBK	EPA 200.8/6020	U
Vanadium	**0.0054**	0.0050	mg/L	040511 1502	041211 1901	PBK	EPA 200.8/6020	
Zinc	**0.0034**	0.0050	mg/L	040511 1502	040711 1404	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U

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GL-05 (-25)

11C1255-06 (Ground Water) Sampled: 04/04/2011 09:30; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Benzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U

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GL-05 (-25)

11C1255-06 (Ground Water) Sampled: 04/04/2011 09:30; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,3-Dichlorobenzene	**0.29**	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	J
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Total Xylenes	ND	3.0	ug/L	040511 1612	040511 1612	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*103%*	*90.8-116*	*040511 1612*	*040511 1612*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*104%*	*77.8-136*	*040511 1612*	*040511 1612*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.1%*	*87.5-113*	*040511 1612*	*040511 1612*		*EPA 8260B*	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-05 (-25)

11C1255-06 (Ground Water) Sampled: 04/04/2011 09:30; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*101%*	*80.8-127*	*040511 1612*	*040511 1612*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**3200**	0.0	umhos/cm	040411 0930	040411 0930	LBG	EPA 120.1	
pH	**6.18**	1.00	pH Units	040411 0930	040411 0930	LBG	SM (20) 4500-H B	
Temperature	**14.5**	0.100	°C	040411 0930	040411 0930	LBG	SM (20) 2550 B	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-2)

11C1255-07 (Ground Water) Sampled: 03/23/2011 12:05; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**230**	4.0	mg CaCO3/L	032511 1147	032511 1200	BMC	SM (20) 2320B	D
Chloride	**290**	5.0	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**160**	20	mg/L	032811 1400	032911 1424	LCR	EPA410.4/HACH8000	D
Ammonia as N	**54**	5.0	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	D
Nitrite as N	ND	0.012	mg/L	032411 0737	032411 0737	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	U
Sulfate as SO4	**740**	25	mg/L	033111 1145	040111 1356	LCR	ASTM D516-02	D
Total Dissolved Solids	**1700**	20	mg/L	032411 0800	032411 0802	LCR	SM (20) 2540 C	D
Turbidity	**38**	0.10	NTU	032411 1106	032411 1158	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1456	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**690**	0.83	mg/L	032511 1207	032911 1621	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	U
Arsenic	**0.021**	0.0020	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	
Barium	**0.043**	0.0050	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	U
Calcium	**280**	0.25	mg/L	032511 1207	032911 1621	APS	EPA 200.7/6010B	D
Cadmium	**0.00051**	0.00050	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	
Cobalt	**0.0024**	0.0050	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	J
Chromium	**0.011**	0.0020	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	
Copper	**0.019**	0.0010	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	
Iron	**6.1**	0.025	mg/L	032511 1207	032911 1621	APS	EPA 200.7/6010B	D, B
Potassium	**74**	0.050	mg/L	032511 1207	032911 1621	APS	EPA 200.7/6010B	D
Magnesium	**0.60**	0.050	mg/L	032511 1207	032911 1621	APS	EPA 200.7/6010B	D
Manganese	**0.15**	0.0010	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-2)

11C1255-07 (Ground Water) Sampled: 03/23/2011 12:05; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**180**	5.0	mg/L	032511 1207	032911 1621	APS	EPA 200.7/6010B	D
Nickel	**0.017**	0.0050	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	
Lead	**0.011**	0.0010	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	
Antimony	**0.0024**	0.0050	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	J
Selenium	**0.0059**	0.0050	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	
Thallium	**0.00025**	0.0010	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	J
Vanadium	**0.019**	0.0050	mg/L	032511 1213	033011 1448	PBK	EPA 200.8/6020	
Zinc	**0.055**	0.0050	mg/L	032511 1213	032811 1318	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Acetone	**140**	25	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	
Iodomethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-2)

11C1255-07 (Ground Water) Sampled: 03/23/2011 12:05; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
2-Butanone (MEK)	**20**	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Benzene	**0.88**	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	J
1,2-Dichloroethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Toluene	**1.6**	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-2)

11C1255-07 (Ground Water) Sampled: 03/23/2011 12:05; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Ethylbenzene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
m,p-Xylenes	**0.33**	2.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	J
o-Xylene	**0.36**	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	J
Styrene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	**0.45**	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	J
4-Chlorotoluene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	**1.0**	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	Z10b
sec-Butylbenzene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Naphthalene	**25**	1.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	U
Total Xylenes	**0.69**	3.0	ug/L	040511 1331	040511 1331	MBH	EPA 8260B	J
Surrogate: Dibromofluoromethane		*101%*	*90.8-116*	*040511 1331*	*040511 1331*		*EPA 8260B*	

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-2)

11C1255-07 (Ground Water) Sampled: 03/23/2011 12:05; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 1,2-Dichloroethane-d4		*99.9%*	*77.8-136*	*040511 1331*	*040511 1331*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.6%*	*87.5-113*	*040511 1331*	*040511 1331*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*102%*	*80.8-127*	*040511 1331*	*040511 1331*		*EPA 8260B*	
Acid and Base/Neutral Extractables by EPA Method 8270C								
N-Nitrosodimethylamine	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
N-Nitrosodimethylamine	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Pyridine	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Pyridine	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Pentachloroethane	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Pentachloroethane	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Aniline	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Aniline	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Bis(2-Chloroethyl)ether	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Bis(2-Chloroethyl)ether	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Phenol	**41**	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	J, D
Phenol	**24**	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	D
2-Chlorophenol	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2-Chlorophenol	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
1,3-Dichlorobenzene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
1,3-Dichlorobenzene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
1,4-Dichlorobenzene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
1,4-Dichlorobenzene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
1,2-Dichlorobenzene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
1,2-Dichlorobenzene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Bis(2-chloroisopropyl)ether	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Bis(2-chloroisopropyl)ether	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2-Methylphenol	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2-Methylphenol	**4.3**	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	J, D
Hexachloroethane	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-2)

11C1255-07 (Ground Water) Sampled: 03/23/2011 12:05; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Hexachloroethane	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
4-Methylphenol, 3-Methylphenol	**70**	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	D
4-Methylphenol, 3-Methylphenol	**41**	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	D
Nitrobenzene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Nitrobenzene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Isophorone	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Isophorone	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2-Nitrophenol	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2-Nitrophenol	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2,4-Dimethylphenol	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2,4-Dimethylphenol	**8.7**	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	D
bis(2-Chloroethoxy)methane	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
bis(2-Chloroethoxy)methane	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2,4-Dichlorophenol	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2,4-Dichlorophenol	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
1,2,4-Trichlorobenzene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
1,2,4-Trichlorobenzene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Naphthalene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Naphthalene	**6.5**	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	D
Hexachlorobutadiene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Hexachlorobutadiene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
4-Chloro-3-methylphenol	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
4-Chloro-3-methylphenol	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2-Methylnaphthalene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2-Methylnaphthalene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Hexachlorocyclopentadiene	ND	100	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Hexachlorocyclopentadiene	ND	10	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2,4,6-Trichlorophenol	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2,4,6-Trichlorophenol	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2,4,5-Trichlorophenol	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-2)

11C1255-07 (Ground Water) Sampled: 03/23/2011 12:05; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2,4,5-Trichlorophenol	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2-Chloronaphthalene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2-Chloronaphthalene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Acenaphthylene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Acenaphthylene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Dimethylphthalate	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Dimethylphthalate	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2,6-Dinitrotoluene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2,6-Dinitrotoluene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Acenaphthene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Acenaphthene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2,4-Dinitrophenol	ND	100	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2,4-Dinitrophenol	ND	10	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Dibenzofuran	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Dibenzofuran	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
2,4-Dinitrotoluene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
2,4-Dinitrotoluene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
4-Nitrophenol	ND	100	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
4-Nitrophenol	ND	10	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Fluorene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Fluorene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
4-Chlorophenyl-phenylether	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
4-Chlorophenyl-phenylether	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Diethylphthalate	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Diethylphthalate	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
4,6-Dinitro-2-methylphenol	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
4,6-Dinitro-2-methylphenol	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
4-Bromophenyl-phenylether	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
4-Bromophenyl-phenylether	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Hexachlorobenzene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Hexachlorobenzene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-2)

11C1255-07 (Ground Water) Sampled: 03/23/2011 12:05; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Pentachlorophenol	ND	100	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Pentachlorophenol	ND	10	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Phenanthrene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Phenanthrene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Anthracene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Anthracene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Di-n-butylphthalate	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Di-n-butylphthalate	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Fluoranthene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Fluoranthene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Pyrene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Pyrene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Butylbenzylphthalate	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Butylbenzylphthalate	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
3,3´-Dichlorobenzidine	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
3,3´-Dichlorobenzidine	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Benz(a)anthracene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Benz(a)anthracene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Chrysene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Chrysene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Bis(2-Ethylhexyl)phthalate	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Bis(2-Ethylhexyl)phthalate	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Di-n-octylphthalate	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Di-n-octylphthalate	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Benzo[b]fluoranthene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Benzo[b]fluoranthene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Benzo[k]fluoranthene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Benzo[k]fluoranthene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Benzo[a]pyrene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Benzo[a]pyrene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Indeno[1,2,3-cd]pyrene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-2)

11C1255-07 (Ground Water) Sampled: 03/23/2011 12:05; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Acid and Base/Neutral Extractables by EPA Method 8270C								
Indeno[1,2,3-cd]pyrene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Dibenz[a,h]anthracene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Dibenz[a,h]anthracene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Benzo[g,h,i]perylene	ND	52	ug/L	032411 0630	032411 1825	RCS	EPA 8270C	U, D
Benzo[g,h,i]perylene	ND	5.2	ug/L	032411 0630	032911 1906	RCS	EPA 8270C	U, D
Surrogate: 2-Fluorophenol		*36.3%*	*0.974-78.2*	*032411 0630*	*032411 1825*		*EPA 8270C*	
Surrogate: 2-Fluorophenol		*20.3%*	*0.974-78.2*	*032411 0630*	*032911 1906*		*EPA 8270C*	
Surrogate: Phenol-d5		*22.8%*	*0-57.5*	*032411 0630*	*032411 1825*		*EPA 8270C*	
Surrogate: Phenol-d5		*15.1%*	*0-57.5*	*032411 0630*	*032911 1906*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*61.8%*	*15.3-131*	*032411 0630*	*032411 1825*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*34.6%*	*15.3-131*	*032411 0630*	*032911 1906*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*63.6%*	*3.75-142*	*032411 0630*	*032411 1825*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*33.5%*	*3.75-142*	*032411 0630*	*032911 1906*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*58.8%*	*12.5-139*	*032411 0630*	*032411 1825*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*35.1%*	*12.5-139*	*032411 0630*	*032911 1906*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*59.0%*	*16.6-136*	*032411 0630*	*032411 1825*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*31.4%*	*16.6-136*	*032411 0630*	*032911 1906*		*EPA 8270C*	
Field Sampling/Testing								
Conductivity	**2100**	0.0	umhos/cm	032311 1205	032311 1205	LBG	EPA 120.1	
pH	**10.6**	1.00	pH Units	032311 1205	032311 1205	LBG	SM (20) 4500-H B	
Temperature	**10.3**	0.100	°C	032311 1205	032311 1205	LBG	SM (20) 2550 B	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-20)

11C1255-08 (Ground Water) Sampled: 03/23/2011 11:16; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**370**	4.0	mg CaCO3/L	032511 1147	032511 1200	BMC	SM (20) 2320B	D
Chloride	**670**	10	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**34**	10	mg/L	032811 1400	032911 1426	LCR	EPA410.4/HACH8000	
Ammonia as N	**2.1**	0.10	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	032411 0737	032411 0737	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	U
Sulfate as SO4	**100**	5.0	mg/L	033111 1145	040111 1356	LCR	ASTM D516-02	D
Total Dissolved Solids	**1200**	20	mg/L	032411 0800	032411 0802	LCR	SM (20) 2540 C	D
Turbidity	**130**	0.10	NTU	032411 1106	032411 1158	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1458	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**440**	0.83	mg/L	032511 1207	032911 1625	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	U
Arsenic	**0.0076**	0.0020	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	
Barium	**0.21**	0.0050	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	U
Calcium	**38**	0.25	mg/L	032511 1207	032911 1625	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	U
Cobalt	**0.0077**	0.0050	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	
Chromium	ND	0.0020	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	U
Copper	ND	0.0010	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	U
Iron	**72**	0.025	mg/L	032511 1207	032911 1625	APS	EPA 200.7/6010B	D, B
Potassium	**11**	0.050	mg/L	032511 1207	032911 1625	APS	EPA 200.7/6010B	D
Magnesium	**84**	0.050	mg/L	032511 1207	032911 1625	APS	EPA 200.7/6010B	D
Sodium	**290**	5.0	mg/L	032511 1207	032911 1625	APS	EPA 200.7/6010B	D

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-20)

11C1255-08 (Ground Water) Sampled: 03/23/2011 11:16; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Nickel	**0.0077**	0.0050	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	U
Antimony	**0.0011**	0.0050	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	J
Selenium	**0.0098**	0.0050	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	
Thallium	ND	0.0010	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	U
Zinc	**0.0035**	0.0050	mg/L	032511 1213	032811 1324	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	M10, U
Acrolein	ND	10	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	M3, U
Iodomethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-20)

11C1255-08 (Ground Water) Sampled: 03/23/2011 11:16; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2-Butanone (MEK)	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	M3, U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	M10, V6, U
Benzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	V1, U
Trichloroethene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	V1, U
1,2-Dibromoethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-20)

11C1255-08 (Ground Water) Sampled: 03/23/2011 11:16; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
o-Xylene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	V1, U
Propylbenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	M10, U
1,3-Dichlorobenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	M3, U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	M3, V1, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	M3, U
Total Xylenes	ND	3.0	ug/L	032511 1738	032511 1738	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*105%*	*93-109*	*032511 1738*	*032511 1738*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*122%*	*82.8-120*	*032511 1738*	*032511 1738*		*EPA 8260B*	*S1*
Surrogate: Toluene-d8		*99.3%*	*86.4-116*	*032511 1738*	*032511 1738*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*124%*	*78.7-123*	*032511 1738*	*032511 1738*		*EPA 8260B*	*S1*

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-09 (-20)

11C1255-08 (Ground Water) Sampled: 03/23/2011 11:16; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Field Sampling/Testing

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Conductivity	**2400**	0.0	umhos/cm	032311 1116	032311 1116	LBG	EPA 120.1	
pH	**6.78**	1.00	pH Units	032311 1116	032311 1116	LBG	SM (20) 4500-H B	
Temperature	**13.0**	0.100	°C	032311 1116	032311 1116	LBG	SM (20) 2550 B	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-11 (-33)

11C1255-09 (Ground Water) Sampled: 03/23/2011 09:25; Type: Grab

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**96**	4.0	mg CaCO3/L	032511 1147	032511 1200	BMC	SM (20) 2320B	D
Chloride	**58**	2.0	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	ND	10	mg/L	032811 1400	032911 1428	LCR	EPA410.4/HACH8000	U
Ammonia as N	**1.7**	0.10	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	
Nitrite as N	**0.011**	0.012	mg/L	032411 0737	032411 0737	VAS	EPA 353.2	J
Nitrate as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	U
Sulfate as SO4	**3.3**	1.0	mg/L	033111 1145	040111 1356	LCR	ASTM D516-02	
Total Dissolved Solids	**200**	10	mg/L	032411 0800	032411 0803	LCR	SM (20) 2540 C	D
Turbidity	**20**	0.10	NTU	032411 1106	032411 1158	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1500	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**190**	0.17	mg/L	032511 1207	032911 1632	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	U
Arsenic	**0.00083**	0.0020	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	J
Barium	**0.075**	0.0050	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	U
Calcium	**74**	0.050	mg/L	032511 1207	032911 1632	APS	EPA 200.7/6010B	
Cadmium	ND	0.00050	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	U
Cobalt	ND	0.0050	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	U
Chromium	ND	0.0020	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	U
Copper	ND	0.0010	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	U
Iron	**4.9**	0.0050	mg/L	032511 1207	032911 1632	APS	EPA 200.7/6010B	B
Potassium	**1.6**	0.010	mg/L	032511 1207	032911 1632	APS	EPA 200.7/6010B	
Magnesium	**1.9**	0.010	mg/L	032511 1207	032911 1632	APS	EPA 200.7/6010B	
Manganese	**0.18**	0.0010	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-11 (-33)

11C1255-09 (Ground Water) Sampled: 03/23/2011 09:25; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**21**	1.0	mg/L	032511 1207	032911 1632	APS	EPA 200.7/6010B	
Nickel	**0.0039**	0.0050	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	J
Lead	ND	0.0010	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	U
Antimony	**0.00074**	0.0050	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	J
Selenium	**0.00088**	0.0050	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	U
Vanadium	**0.00098**	0.0050	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	J
Zinc	ND	0.0050	mg/L	032511 1213	032811 1329	PBK	EPA 200.8/6020	U
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V6, U
Acrolein	ND	10	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V6, U
Carbon disulfide	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U

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GL-11 (-33)

11C1255-09 (Ground Water) Sampled: 03/23/2011 09:25; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V6, U
Benzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-11 (-33)

11C1255-09 (Ground Water) Sampled: 03/23/2011 09:25; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V1, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	V1, U
Total Xylenes	ND	3.0	ug/L	032411 1648	032411 1648	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*108%*	*93-109*	*032411 1648*	*032411 1648*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*122%*	*82.8-120*	*032411 1648*	*032411 1648*		*EPA 8260B*	*S1*
Surrogate: Toluene-d8		*100%*	*86.4-116*	*032411 1648*	*032411 1648*		*EPA 8260B*	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-11 (-33)

11C1255-09 (Ground Water) Sampled: 03/23/2011 09:25; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*128%*	*78.7-123*	*032411 1648*	*032411 1648*		*EPA 8260B*	*S1*
Field Sampling/Testing								
Conductivity	**620**	0.0	umhos/cm	032311 0925	032311 0925	LBG	EPA 120.1	
pH	**11.4**	1.00	pH Units	032311 0925	032311 0925	LBG	SM (20) 4500-H B	
Temperature	**12.8**	0.100	°C	032311 0925	032311 0925	LBG	SM (20) 2550 B	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-15 (-6)

11C1255-10 (Ground Water) Sampled: 04/04/2011 10:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**850**	4.0	mg CaCO3/L	041411 1036	041411 1045	BMC	SM (20) 2320B	D
Chloride	**1100**	50	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	ND	10	mg/L	040511 1300	040611 0746	LCR	EPA410.4/HACH8000	U
Ammonia as N	**2.1**	0.10	mg/L	040611 1100	040711 1233	VAS	SM(20)4500NH3-G	
Nitrite as N	**0.095**	0.012	mg/L	040511 0754	040511 0754	VAS	EPA 353.2	
Nitrate as N	ND	0.050	mg/L	040511 0754	040511 0754	VAS	EPA 353.2	
Nitrate/Nitrite as N	**0.058**	0.050	mg/L	040411 1333	040411 1333	VAS	EPA 353.2	
Sulfate as SO4	**48**	2.0	mg/L	041911 1545	042011 0651	LCR	ASTM D516-02	D
Total Dissolved Solids	**2800**	40	mg/L	040811 0700	040811 0703	LCR	SM (20) 2540 C	D
Turbidity	**0.34**	0.10	NTU	040511 1036	040511 1119	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1315	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**1200**	1.7	mg/L	040511 1457	040711 1237	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	U
Arsenic	**0.0026**	0.0020	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	
Barium	**0.57**	0.0050	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	040511 1502	041211 1906	PBK	EPA 200.8/6020	U
Calcium	**480**	0.50	mg/L	040511 1457	040711 1237	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	U
Cobalt	**0.0025**	0.0050	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	J
Chromium	**0.014**	0.0020	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	
Copper	**0.0038**	0.0010	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	
Iron	ND	0.0050	mg/L	040511 1457	040711 1034	APS	EPA 200.7/6010B	B5, U
Potassium	**67**	0.010	mg/L	040511 1457	040711 1034	APS	EPA 200.7/6010B	
Magnesium	**0.082**	0.10	mg/L	040511 1457	040711 1237	APS	EPA 200.7/6010B	J, D
Manganese	ND	0.0010	mg/L	040511 1502	040711 1950	PBK	EPA 200.8/6020	U

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-15 (-6)

11C1255-10 (Ground Water) Sampled: 04/04/2011 10:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**470**	10	mg/L	040511 1457	040711 1237	APS	EPA 200.7/6010B	D
Nickel	**0.017**	0.0050	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	U
Antimony	ND	0.0050	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	U
Selenium	**0.0077**	0.0050	mg/L	040511 1502	041211 1906	PBK	EPA 200.8/6020	
Thallium	ND	0.0010	mg/L	040511 1502	041211 1906	PBK	EPA 200.8/6020	U
Vanadium	**0.0019**	0.0050	mg/L	040511 1502	041211 1906	PBK	EPA 200.8/6020	J
Zinc	**0.0016**	0.0050	mg/L	040511 1502	040711 1424	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								**Q3**
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Acetone	**16**	25	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	J
Iodomethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-15 (-6)

11C1255-10 (Ground Water) Sampled: 04/04/2011 10:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B — **Q3**

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Benzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U

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GL-15 (-6)

11C1255-10 (Ground Water) Sampled: 04/04/2011 10:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B **Q3**

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Total Xylenes	ND	3.0	ug/L	040511 1643	040511 1643	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*95.4%*	*90.8-116*	*040511 1643*	*040511 1643*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*104%*	*77.8-136*	*040511 1643*	*040511 1643*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.7%*	*87.5-113*	*040511 1643*	*040511 1643*		*EPA 8260B*	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-15 (-6)

11C1255-10 (Ground Water) Sampled: 04/04/2011 10:35; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								**Q3**
Surrogate: 4-Bromofluorobenzene		*101%*	*80.8-127*	*040511 1643*	*040511 1643*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**6600**	0.0	umhos/cm	040411 1035	040411 1035	LBG	EPA 120.1	
pH	**12.3**	1.00	pH Units	040411 1035	040411 1035	LBG	SM (20) 4500-H B	
Temperature	**14.4**	0.100	°C	040411 1035	040411 1035	LBG	SM (20) 2550 B	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-15 (-36)

11C1255-11 (Ground Water) Sampled: 04/04/2011 11:30; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**840**	10	mg CaCO3/L	041811 1015	041811 1015	BMC	SM (20) 2320B	D
Chloride	**31**	1.0	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	
COD, Total	**5.3**	10	mg/L	040511 1300	040611 0748	LCR	EPA410.4/HACH8000	J
Ammonia as N	**0.39**	0.10	mg/L	040611 1100	040711 1233	VAS	SM(20)4500NH3-G	
Nitrite as N	**0.074**	0.012	mg/L	040511 0754	040511 0754	VAS	EPA 353.2	
Nitrate as N	**2.0**	0.050	mg/L	040511 0754	040511 0754	VAS	EPA 353.2	
Nitrate/Nitrite as N	**2.1**	0.050	mg/L	040411 1333	040411 1333	VAS	EPA 353.2	
Sulfate as SO4	**460**	25	mg/L	041411 0900	041411 1341	LCR	ASTM D516-02	D
Total Dissolved Solids	**1400**	20	mg/L	040811 0700	040811 0703	LCR	SM (20) 2540 C	D
Turbidity	**0.20**	0.10	NTU	040511 1036	040511 1119	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1318	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**1300**	1.7	mg/L	040511 1457	040711 1241	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	U
Arsenic	**0.0061**	0.0020	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	
Barium	**0.017**	0.0050	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	040511 1502	041211 1911	PBK	EPA 200.8/6020	U
Calcium	**28**	0.50	mg/L	040511 1457	040711 1241	APS	EPA 200.7/6010B	D
Cadmium	**0.00076**	0.00050	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	
Cobalt	**0.0018**	0.0050	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	J
Chromium	**0.17**	0.0020	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	
Copper	**0.0081**	0.0010	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	
Iron	**0.044**	0.0050	mg/L	040511 1457	040711 1039	APS	EPA 200.7/6010B	Z10
Potassium	**82**	0.010	mg/L	040511 1457	040711 1039	APS	EPA 200.7/6010B	
Magnesium	**300**	0.10	mg/L	040511 1457	040711 1241	APS	EPA 200.7/6010B	D

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-15 (-36)

11C1255-11 (Ground Water) Sampled: 04/04/2011 11:30; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Manganese	**0.0069**	0.0010	mg/L	040511 1502	040711 1955	PBK	EPA 200.8/6020	
Sodium	**31**	1.0	mg/L	040511 1457	040711 1039	APS	EPA 200.7/6010B	
Nickel	**0.0043**	0.0050	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	J
Lead	**0.0018**	0.0010	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	
Antimony	**0.0018**	0.0050	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	J
Selenium	**0.032**	0.0050	mg/L	040511 1502	041211 1911	PBK	EPA 200.8/6020	
Thallium	ND	0.0010	mg/L	040511 1502	041211 1911	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	040511 1502	041211 1911	PBK	EPA 200.8/6020	U
Zinc	**0.047**	0.0050	mg/L	040511 1502	040711 1429	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								**Q3**
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-15 (-36)

11C1255-11 (Ground Water) Sampled: 04/04/2011 11:30; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B — **Q3**

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2,2-Dichloropropane	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Benzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-15 (-36)

11C1255-11 (Ground Water) Sampled: 04/04/2011 11:30; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B — **Q3**

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Ethylbenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Total Xylenes	ND	3.0	ug/L	040511 1716	040511 1716	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*101%*	*90.8-116*	*040511 1716*	*040511 1716*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*103%*	*77.8-136*	*040511 1716*	*040511 1716*		*EPA 8260B*	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-15 (-36)

11C1255-11 (Ground Water) Sampled: 04/04/2011 11:30; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								**Q3**
Surrogate: Toluene-d8		*96.8%*	*87.5-113*	*040511 1716*	*040511 1716*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*100%*	*80.8-127*	*040511 1716*	*040511 1716*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**2000**	0.0	umhos/cm	040411 1130	040411 1130	LBG	EPA 120.1	
pH	**8.61**	1.00	pH Units	040411 1130	040411 1130	LBG	SM (20) 4500-H B	
Temperature	**11.6**	0.100	°C	040411 1130	040411 1130	LBG	SM (20) 2550 B	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-16 (-6)

11C1255-12 (Ground Water) Sampled: 04/01/2011 11:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	ND	1.0	mg CaCO3/L	041411 1036	041411 1045	BMC	SM (20) 2320B	U
Chloride	**150**	5.0	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**33**	10	mg/L	040511 1300	040611 0750	LCR	EPA410.4/HACH8000	
Ammonia as N	**32**	1.0	mg/L	040411 1140	040411 1429	VAS	SM(20)4500NH3-G	D
Nitrite as N	ND	0.012	mg/L	040111 1634	040111 1634	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	U
Sulfate as SO4	**360**	10	mg/L	041911 1545	042011 0651	LCR	ASTM D516-02	D
Total Dissolved Solids	**970**	10	mg/L	040811 0700	040811 0704	LCR	SM (20) 2540 C	D
Turbidity	**0.89**	0.10	NTU	040111 1445	040111 1445	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1320	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**360**	0.17	mg/L	040511 1457	040711 1043	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	U
Arsenic	**0.0022**	0.0020	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	
Barium	**0.014**	0.0050	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	
Beryllium	**0.0043**	0.0010	mg/L	040511 1502	041211 1931	PBK	EPA 200.8/6020	
Calcium	**20**	0.050	mg/L	040511 1457	040711 1043	APS	EPA 200.7/6010B	
Cadmium	**0.0012**	0.00050	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	
Cobalt	**0.24**	0.0050	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	
Chromium	**0.0010**	0.0020	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	J
Copper	**0.0022**	0.0010	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	
Iron	**16**	0.0050	mg/L	040511 1457	040711 1043	APS	EPA 200.7/6010B	B4
Potassium	**0.95**	0.010	mg/L	040511 1457	040711 1043	APS	EPA 200.7/6010B	
Magnesium	**74**	0.010	mg/L	040511 1457	040711 1043	APS	EPA 200.7/6010B	
Manganese	**0.57**	0.0010	mg/L	040511 1502	040711 2015	PBK	EPA 200.8/6020	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-16 (-6)

11C1255-12 (Ground Water) Sampled: 04/01/2011 11:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**120**	10	mg/L	040511 1457	040711 1245	APS	EPA 200.7/6010B	D
Nickel	**0.34**	0.0050	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	
Lead	**0.0021**	0.0010	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	U
Selenium	**0.0030**	0.0050	mg/L	040511 1502	041211 1931	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	040511 1502	041211 1931	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	040511 1502	041211 1931	PBK	EPA 200.8/6020	U
Zinc	**0.62**	0.0050	mg/L	040511 1502	040711 1434	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,1-Dichloroethane	**0.50**	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	J
Chloroprene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-16 (-6)

11C1255-12 (Ground Water) Sampled: 04/01/2011 11:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	**6.9**	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	
2-Butanone (MEK)	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Benzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	V1, L2, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-16 (-6)

11C1255-12 (Ground Water) Sampled: 04/01/2011 11:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Ethylbenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,3-Dichlorobenzene	**0.64**	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	J
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Total Xylenes	ND	3.0	ug/L	040511 1748	040511 1748	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*103%*	*90.8-116*	*040511 1748*	*040511 1748*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*103%*	*77.8-136*	*040511 1748*	*040511 1748*		*EPA 8260B*	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-16 (-6)

11C1255-12 (Ground Water) Sampled: 04/01/2011 11:20; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: Toluene-d8		*98.1%*	*87.5-113*	*040511 1748*	*040511 1748*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*98.5%*	*80.8-127*	*040511 1748*	*040511 1748*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**1300**	0.0	umhos/cm	040111 1120	040111 1120	LBG	EPA 120.1	
pH	**4.27**	1.00	pH Units	040111 1120	040111 1120	LBG	SM (20) 4500-H B	
Temperature	**32.2**	0.100	°C	040111 1120	040111 1120	LBG	SM (20) 2550 B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-16 (-32)

11C1255-13 (Ground Water) Sampled: 04/01/2011 12:15; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**30**	1.0	mg CaCO3/L	041411 1036	041411 1045	BMC	SM (20) 2320B	
Chloride	**3000**	50	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**11**	10	mg/L	040511 1300	040611 0752	LCR	EPA410.4/HACH8000	
Ammonia as N	**4.0**	0.10	mg/L	040411 1140	040411 1429	VAS	SM(20)4500NH3-G	
Nitrite as N	**0.010**	0.012	mg/L	040111 1634	040111 1634	VAS	EPA 353.2	J
Nitrate as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	
Nitrate/Nitrite as N	**0.043**	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	J
Sulfate as SO4	**290**	10	mg/L	041411 0900	041411 1341	LCR	ASTM D516-02	D
Total Dissolved Solids	**5200**	100	mg/L	040811 0700	040811 0704	LCR	SM (20) 2540 C	D
Turbidity	**360**	2.0	NTU	040111 1445	040111 1445	BMC	EPA 180.1	D
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1322	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**1200**	1.7	mg/L	040511 1457	040711 1249	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	U
Arsenic	**0.018**	0.0020	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	
Barium	**0.097**	0.0050	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	040511 1502	041211 1937	PBK	EPA 200.8/6020	U
Calcium	**95**	0.50	mg/L	040511 1457	040711 1249	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	U
Cobalt	**0.0015**	0.0050	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	J
Chromium	**0.0015**	0.0020	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	J
Copper	**0.0020**	0.0010	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	
Iron	**22**	0.0050	mg/L	040511 1457	040711 1047	APS	EPA 200.7/6010B	B4
Potassium	**86**	0.010	mg/L	040511 1457	040711 1047	APS	EPA 200.7/6010B	
Magnesium	**240**	0.10	mg/L	040511 1457	040711 1249	APS	EPA 200.7/6010B	D

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GL-16 (-32)

11C1255-13 (Ground Water) Sampled: 04/01/2011 12:15; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Manganese	**0.51**	0.0010	mg/L	040511 1502	040711 2020	PBK	EPA 200.8/6020	
Sodium	**2200**	100	mg/L	040511 1457	040711 1427	APS	EPA 200.7/6010B	D
Nickel	**0.0062**	0.0050	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	U
Antimony	ND	0.0050	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	U
Selenium	**0.027**	0.0050	mg/L	040511 1502	041211 1937	PBK	EPA 200.8/6020	
Thallium	ND	0.0010	mg/L	040511 1502	041211 1937	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	040511 1502	041211 1937	PBK	EPA 200.8/6020	U
Zinc	**0.0037**	0.0050	mg/L	040511 1502	040711 1439	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	**0.39**	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	J
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-16 (-32)

11C1255-13 (Ground Water) Sampled: 04/01/2011 12:15; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2,2-Dichloropropane	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Benzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-16 (-32)

11C1255-13 (Ground Water) Sampled: 04/01/2011 12:15; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Ethylbenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,3-Dichlorobenzene	**1.1**	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Total Xylenes	ND	3.0	ug/L	040511 1820	040511 1820	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*103%*	*90.8-116*	*040511 1820*	*040511 1820*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*102%*	*77.8-136*	*040511 1820*	*040511 1820*		*EPA 8260B*	

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-16 (-32)

11C1255-13 (Ground Water) Sampled: 04/01/2011 12:15; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: Toluene-d8		*98.1%*	*87.5-113*	*040511 1820*	*040511 1820*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*97.8%*	*80.8-127*	*040511 1820*	*040511 1820*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**8800**	0.0	umhos/cm	040111 1215	040111 1215	LBG	EPA 120.1	
pH	**11.4**	1.00	pH Units	040111 1215	040111 1215	LBG	SM (20) 4500-H B	
Temperature	**14.2**	0.100	°C	040111 1215	040111 1215	LBG	SM (20) 2550 B	

Microbac Laboratories, Inc., Baltimore Division

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-17 (-1)

11C1255-14 (Ground Water) Sampled: 03/31/2011 11:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**310**	1.0	mg CaCO3/L	040711 0858	041511 1400	BMC	SM (20) 2320B	Z10a
Chloride	**240**	5.0	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**180**	20	mg/L	040111 1300	040411 1152	LCR	EPA410.4/HACH8000	D
Ammonia as N	**62**	5.0	mg/L	040411 1140	040411 1429	VAS	SM(20)4500NH3-G	D
Nitrite as N	ND	0.012	mg/L	040111 0733	040111 0733	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	U
Sulfate as SO4	**930**	50	mg/L	041411 0900	041411 1341	LCR	ASTM D516-02	D
Total Dissolved Solids	**2000**	20	mg/L	040111 1527	040111 1527	LCR	SM (20) 2540 C	D
Turbidity	**1.2**	0.10	NTU	040111 1445	040111 1445	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1324	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**680**	1.7	mg/L	040511 1457	040711 1253	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	U
Arsenic	**0.014**	0.0020	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	
Barium	**0.0090**	0.0050	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	040511 1502	041211 1942	PBK	EPA 200.8/6020	U
Calcium	**270**	0.50	mg/L	040511 1457	040711 1253	APS	EPA 200.7/6010B	D
Cadmium	**0.0015**	0.00050	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	
Cobalt	**0.00069**	0.0050	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	J
Chromium	ND	0.0020	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	U
Copper	**0.0025**	0.0010	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	
Iron	**0.024**	0.0050	mg/L	040511 1457	040711 1051	APS	EPA 200.7/6010B	Z10
Potassium	**200**	0.10	mg/L	040511 1457	040711 1253	APS	EPA 200.7/6010B	D
Magnesium	**0.26**	0.10	mg/L	040511 1457	040711 1253	APS	EPA 200.7/6010B	D
Manganese	**0.00095**	0.0010	mg/L	040511 1502	040711 2025	PBK	EPA 200.8/6020	J

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
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GL-17 (-1)

11C1255-14 (Ground Water) Sampled: 03/31/2011 11:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**240**	10	mg/L	040511 1457	040711 1253	APS	EPA 200.7/6010B	D
Nickel	**0.033**	0.0050	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	U
Antimony	ND	0.0050	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	U
Selenium	**0.0073**	0.0050	mg/L	040511 1502	041211 1942	PBK	EPA 200.8/6020	
Thallium	**0.00041**	0.0010	mg/L	040511 1502	041211 1942	PBK	EPA 200.8/6020	J
Vanadium	**0.087**	0.0050	mg/L	040511 1502	041211 1942	PBK	EPA 200.8/6020	
Zinc	**0.0037**	0.0050	mg/L	040511 1502	040711 1445	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Chloromethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Vinyl chloride	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Bromomethane	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	R2, U, D
Chloroethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Trichlorofluoromethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Acrolein	ND	500	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,1-Dichloroethene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Acetone	ND	1200	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Iodomethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Carbon disulfide	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Allyl Chloride (3-Chloropropylene)	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Acetonitrile	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Methylene Chloride	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Methyl-tert-Butyl Ether	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
trans-1,2-Dichloroethene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Acrylonitrile	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,1-Dichloroethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Chloroprene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
2,2-Dichloropropane	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D

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GL-17 (-1)

11C1255-14 (Ground Water) Sampled: 03/31/2011 11:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
2-Butanone (MEK)	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Propionitrile (Ethyl Cyanide)	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Methacrylonitrile	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Chloroform	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Bromochloromethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,1,1-Trichloroethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,1-Dichloropropene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Carbon Tetrachloride	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Benzene	**7400**	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	D
1,2-Dichloroethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Trichloroethene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,2-Dichloropropane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Bromodichloromethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Methyl Methacrylate	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Dibromomethane	ND	100	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
2-Chloroethyl Vinyl Ether	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	V1, U, D
Methyl Isobutyl Ketone	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
cis-1,3-Dichloropropene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Toluene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
trans-1,3-Dichloropropene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Ethyl Methacrylate	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,1,2-Trichloroethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
2-Hexanone (MBK)	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,2-Dibromoethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Tetrachloroethene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,3-Dichloropropane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Dibromochloromethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Chlorobenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,1,1,2-Tetrachloroethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D

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GL-17 (-1)

11C1255-14 (Ground Water) Sampled: 03/31/2011 11:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Ethylbenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
m,p-Xylenes	ND	100	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
o-Xylene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Styrene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Bromoform	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Isopropylbenzene (Cumene)	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,1,2,2-Tetrachloroethane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,2,3-Trichloropropane	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Bromobenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Propylbenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
2-Chlorotoluene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,3,5-Trimethylbenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
4-Chlorotoluene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
tert-Butylbenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,2,4-Trimethylbenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	L2, U, D
sec-Butylbenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
4-Isopropyltoluene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,3-Dichlorobenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,4-Dichlorobenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
trans-1,4-Dichloro-2-butene	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Butylbenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,2-Dichlorobenzene	ND	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,2-Dibromo-3-chloropropane	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
1,2,4-Trichlorobenzene	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Hexachlorobutadiene	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Naphthalene	**48**	50	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	J, D
1,2,3-Trichlorobenzene	ND	250	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Total Xylenes	ND	150	ug/L	040411 1653	040411 1653	mbh	EPA 8260B	U, D
Surrogate: Dibromofluoromethane		*101%*	*90.8-116*	*040411 1653*	*040411 1653*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*103%*	*77.8-136*	*040411 1653*	*040411 1653*		*EPA 8260B*	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-17 (-1)

11C1255-14 (Ground Water) Sampled: 03/31/2011 11:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: Toluene-d8		*98.4%*	*87.5-113*	*040411 1653*	*040411 1653*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*99.8%*	*80.8-127*	*040411 1653*	*040411 1653*		*EPA 8260B*	
Acid and Base/Neutral Extractables by EPA Method 8270C								
N-Nitrosodimethylamine	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Pyridine	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Pentachloroethane	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Aniline	**11**	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	
Bis(2-Chloroethyl)ether	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Phenol	**93**	25	ug/L	040111 1023	040311 1801	RCS	EPA 8270C	D
2-Chlorophenol	**3.9**	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	J
1,3-Dichlorobenzene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
1,4-Dichlorobenzene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
1,2-Dichlorobenzene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
2-Methylphenol	**19**	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	
Hexachloroethane	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
4-Methylphenol, 3-Methylphenol	**200**	25	ug/L	040111 1023	040311 1801	RCS	EPA 8270C	D
Nitrobenzene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Isophorone	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
2-Nitrophenol	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
2,4-Dimethylphenol	**280**	25	ug/L	040111 1023	040311 1801	RCS	EPA 8270C	D
bis(2-Chloroethoxy)methane	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
2,4-Dichlorophenol	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Naphthalene	**34**	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	
Hexachlorobutadiene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
4-Chloro-3-methylphenol	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
2-Methylnaphthalene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Hexachlorocyclopentadiene	ND	10	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U

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Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-17 (-1)

11C1255-14 (Ground Water) Sampled: 03/31/2011 11:20; Type: Grab

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Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2,4,6-Trichlorophenol	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
2,4,5-Trichlorophenol	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
2-Chloronaphthalene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Acenaphthylene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Dimethylphthalate	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
2,6-Dinitrotoluene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Acenaphthene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
2,4-Dinitrophenol	ND	10	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Dibenzofuran	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
2,4-Dinitrotoluene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
4-Nitrophenol	ND	10	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Fluorene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
4-Chlorophenyl-phenylether	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Diethylphthalate	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
4-Bromophenyl-phenylether	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Hexachlorobenzene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Pentachlorophenol	ND	10	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Phenanthrene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Anthracene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Di-n-butylphthalate	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Fluoranthene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Pyrene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Butylbenzylphthalate	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
3,3´-Dichlorobenzidine	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Benz(a)anthracene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Chrysene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Bis(2-Ethylhexyl)phthalate	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Di-n-octylphthalate	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Benzo[b]fluoranthene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Benzo[k]fluoranthene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U

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GL-17 (-1)

11C1255-14 (Ground Water) Sampled: 03/31/2011 11:20; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Acid and Base/Neutral Extractables by EPA Method 8270C								
Benzo[a]pyrene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Indeno[1,2,3-cd]pyrene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Dibenz[a,h]anthracene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Benzo[g,h,i]perylene	ND	5.0	ug/L	040111 1023	040111 1827	RCS	EPA 8270C	U
Surrogate: 2-Fluorophenol		*46.7%*	*0.974-78.2*	*040111 1023*	*040111 1827*		*EPA 8270C*	
Surrogate: Phenol-d5		*33.0%*	*0-57.5*	*040111 1023*	*040111 1827*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*70.6%*	*15.3-131*	*040111 1023*	*040111 1827*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*68.3%*	*3.75-142*	*040111 1023*	*040111 1827*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*69.7%*	*12.5-139*	*040111 1023*	*040111 1827*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*66.7%*	*16.6-136*	*040111 1023*	*040111 1827*		*EPA 8270C*	
Field Sampling/Testing								
Conductivity	**2900**	0.0	umhos/cm	033111 1120	033111 1120	LBG	EPA 120.1	
pH	**10.6**	1.00	pH Units	033111 1120	033111 1120	LBG	SM (20) 4500-H B	
Temperature	**12.0**	0.100	°C	033111 1120	033111 1120	LBG	SM (20) 2550 B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-17 (-31)

11C1255-15 (Ground Water) Sampled: 03/31/2011 12:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**380**	10	mg CaCO3/L	040711 0858	041511 1400	BMC	SM (20) 2320B	Z10a, D
Chloride	**2200**	50	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**160**	20	mg/L	040111 1300	040411 1154	LCR	EPA410.4/HACH8000	D
Ammonia as N	**17**	1.0	mg/L	040411 1140	040411 1429	VAS	SM(20)4500NH3-G	D
Nitrite as N	ND	0.012	mg/L	040111 0733	040111 0733	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	U
Sulfate as SO4	**360**	25	mg/L	041911 1545	042011 0651	LCR	ASTM D516-02	D
Total Dissolved Solids	**3600**	40	mg/L	040111 1527	040111 1528	LCR	SM (20) 2540 C	D
Turbidity	**1.8**	0.10	NTU	040111 1445	040111 1445	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1326	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**600**	1.7	mg/L	040511 1457	040711 1257	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	U
Arsenic	**0.016**	0.0020	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	
Barium	**0.10**	0.0050	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	040511 1502	041211 1947	PBK	EPA 200.8/6020	U
Calcium	**100**	0.50	mg/L	040511 1457	040711 1257	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	U
Cobalt	**0.0024**	0.0050	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	J
Chromium	**0.0016**	0.0020	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	J
Copper	**0.0011**	0.0010	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	
Iron	**0.080**	0.0050	mg/L	040511 1457	040711 1055	APS	EPA 200.7/6010B	Z10
Potassium	**69**	0.010	mg/L	040511 1457	040711 1055	APS	EPA 200.7/6010B	
Magnesium	**85**	0.10	mg/L	040511 1457	040711 1257	APS	EPA 200.7/6010B	D
Manganese	**0.17**	0.0010	mg/L	040511 1502	040711 2030	PBK	EPA 200.8/6020	

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GL-17 (-31)

11C1255-15 (Ground Water) Sampled: 03/31/2011 12:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**1200**	100	mg/L	040511 1457	040711 1430	APS	EPA 200.7/6010B	D
Nickel	**0.0063**	0.0050	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	U
Antimony	ND	0.0050	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	U
Selenium	**0.024**	0.0050	mg/L	040511 1502	041211 1947	PBK	EPA 200.8/6020	
Thallium	ND	0.0010	mg/L	040511 1502	041211 1947	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	040511 1502	041211 1947	PBK	EPA 200.8/6020	U
Zinc	**0.0042**	0.0050	mg/L	040511 1502	040711 1450	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-17 (-31)

11C1255-15 (Ground Water) Sampled: 03/31/2011 12:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Benzene	**33**	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-17 (-31)

11C1255-15 (Ground Water) Sampled: 03/31/2011 12:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Ethylbenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
m,p-Xylenes	**16**	2.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	
o-Xylene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,3-Dichlorobenzene	**1.2**	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Naphthalene	**0.48**	1.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	J
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	U
Total Xylenes	**16**	3.0	ug/L	040511 1403	040511 1403	MBH	EPA 8260B	
Surrogate: Dibromofluoromethane		*100%*	*90.8-116*	*040511 1403*	*040511 1403*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*99.8%*	*77.8-136*	*040511 1403*	*040511 1403*		*EPA 8260B*	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-17 (-31)

11C1255-15 (Ground Water) Sampled: 03/31/2011 12:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: Toluene-d8		*100%*	*87.5-113*	*040511 1403*	*040511 1403*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*101%*	*80.8-127*	*040511 1403*	*040511 1403*		*EPA 8260B*	
Acid and Base/Neutral Extractables by EPA Method 8270C								
N-Nitrosodimethylamine	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Pyridine	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Pentachloroethane	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Aniline	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Bis(2-Chloroethyl)ether	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Phenol	**3.3**	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	J
2-Chlorophenol	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
1,3-Dichlorobenzene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
1,4-Dichlorobenzene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
1,2-Dichlorobenzene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
2-Methylphenol	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Hexachloroethane	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
4-Methylphenol, 3-Methylphenol	**3.6**	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	J
Nitrobenzene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Isophorone	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
2-Nitrophenol	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
2,4-Dimethylphenol	**11**	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	
bis(2-Chloroethoxy)methane	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
2,4-Dichlorophenol	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Naphthalene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Hexachlorobutadiene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
4-Chloro-3-methylphenol	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
2-Methylnaphthalene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Hexachlorocyclopentadiene	ND	10	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U

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GL-17 (-31)

11C1255-15 (Ground Water) Sampled: 03/31/2011 12:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2,4,6-Trichlorophenol	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
2,4,5-Trichlorophenol	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
2-Chloronaphthalene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Acenaphthylene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Dimethylphthalate	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
2,6-Dinitrotoluene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Acenaphthene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
2,4-Dinitrophenol	ND	10	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Dibenzofuran	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
2,4-Dinitrotoluene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
4-Nitrophenol	ND	10	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Fluorene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
4-Chlorophenyl-phenylether	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Diethylphthalate	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
4-Bromophenyl-phenylether	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Hexachlorobenzene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Pentachlorophenol	ND	10	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Phenanthrene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Anthracene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Di-n-butylphthalate	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Fluoranthene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Pyrene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Butylbenzylphthalate	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
3,3´-Dichlorobenzidine	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Benz(a)anthracene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Chrysene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Bis(2-Ethylhexyl)phthalate	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Di-n-octylphthalate	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Benzo[b]fluoranthene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Benzo[k]fluoranthene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-17 (-31)

11C1255-15 (Ground Water) Sampled: 03/31/2011 12:20; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Acid and Base/Neutral Extractables by EPA Method 8270C								
Benzo[a]pyrene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Indeno[1,2,3-cd]pyrene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Dibenz[a,h]anthracene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Benzo[g,h,i]perylene	ND	5.0	ug/L	040111 1023	040111 1752	RCS	EPA 8270C	U
Surrogate: 2-Fluorophenol		*33.4%*	*0.974-78.2*	*040111 1023*	*040111 1752*		*EPA 8270C*	
Surrogate: Phenol-d5		*23.8%*	*0-57.5*	*040111 1023*	*040111 1752*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*54.7%*	*15.3-131*	*040111 1023*	*040111 1752*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*54.4%*	*3.75-142*	*040111 1023*	*040111 1752*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*58.7%*	*12.5-139*	*040111 1023*	*040111 1752*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*46.5%*	*16.6-136*	*040111 1023*	*040111 1752*		*EPA 8270C*	
Field Sampling/Testing								
Conductivity	**6600**	0.0	umhos/cm	033111 1220	033111 1220	LBG	EPA 120.1	
pH	**8.21**	1.00	pH Units	033111 1220	033111 1220	LBG	SM (20) 4500-H B	
Temperature	**12.1**	0.100	°C	033111 1220	033111 1220	LBG	SM (20) 2550 B	

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-3)

11C1255-16 (Ground Water) Sampled: 03/28/2011 11:55; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**200**	4.0	mg CaCO3/L	040711 0858	041511 1400	BMC	SM (20) 2320B	Z10a, D
Chloride	**220**	5.0	mg/L	041811 1236	041811 1800	BMC	SM (20) 4500Cl-C	D
COD, Total	**160**	20	mg/L	040111 1300	040411 1156	LCR	EPA410.4/HACH8000	D
Ammonia as N	**30**	1.0	mg/L	033111 0900	033111 1346	VAS	SM(20)4500NH3-G	D
Nitrite as N	ND	0.012	mg/L	032911 0731	032911 0731	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032911 0908	032911 0908	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032911 0908	032911 0908	VAS	EPA 353.2	U
Sulfate as SO4	**900**	50	mg/L	033111 1145	040111 1356	LCR	ASTM D516-02	D
Total Dissolved Solids	**1700**	20	mg/L	033011 0932	033011 0933	LCR	SM (20) 2540 C	D
Turbidity	**0.61**	0.10	NTU	032911 1113	032911 1427	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040111 1414	040411 1654	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**790**	1.7	mg/L	033011 1223	040111 1413	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	U
Arsenic	**0.0090**	0.0020	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	
Barium	**0.027**	0.0050	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	U
Calcium	**310**	0.50	mg/L	033011 1223	040111 1413	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	U
Cobalt	**0.00072**	0.0050	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	J
Chromium	ND	0.0020	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-3)

11C1255-16 (Ground Water) Sampled: 03/28/2011 11:55; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Metals, Total by EPA 200/6000 Series Methods

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Copper	**0.0016**	0.0010	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	
Iron	**0.20**	0.050	mg/L	033011 1223	040111 1413	APS	EPA 200.7/6010B	D
Potassium	**110**	0.10	mg/L	033011 1223	040111 1413	APS	EPA 200.7/6010B	D
Magnesium	**0.045**	0.10	mg/L	033011 1223	040111 1413	APS	EPA 200.7/6010B	J, D
Manganese	**0.00022**	0.0010	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	J
Sodium	**140**	10	mg/L	033011 1223	040111 1413	APS	EPA 200.7/6010B	D
Nickel	**0.024**	0.0050	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	U
Antimony	ND	0.0050	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	U
Selenium	**0.0095**	0.0050	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	
Thallium	ND	0.0010	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	U
Vanadium	**0.020**	0.0050	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	
Zinc	**0.0054**	0.0050	mg/L	033011 1225	033111 1406	PBK	EPA 200.8/6020	

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Dichlorodifluoromethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Chloromethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Vinyl chloride	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Bromomethane	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	R2, U, D
Chloroethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Trichlorofluoromethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Acrolein	ND	500	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,1-Dichloroethene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Acetone	ND	1200	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-3)

11C1255-16 (Ground Water) Sampled: 03/28/2011 11:55; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Iodomethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Carbon disulfide	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Allyl Chloride (3-Chloropropylene)	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Acetonitrile	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Methylene Chloride	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Methyl-tert-Butyl Ether	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
trans-1,2-Dichloroethene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Acrylonitrile	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,1-Dichloroethane	**33**	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	J, D
Chloroprene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
2,2-Dichloropropane	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
cis-1,2-Dichloroethene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
2-Butanone (MEK)	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Propionitrile (Ethyl Cyanide)	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Methacrylonitrile	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Chloroform	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Bromochloromethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,1,1-Trichloroethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,1-Dichloropropene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Carbon Tetrachloride	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Benzene	**1100**	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	D
1,2-Dichloroethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Trichloroethene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,2-Dichloropropane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Bromodichloromethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-3)

11C1255-16 (Ground Water) Sampled: 03/28/2011 11:55; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Methyl Methacrylate	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Dibromomethane	ND	100	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
2-Chloroethyl Vinyl Ether	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	V1, U, D
Methyl Isobutyl Ketone	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
cis-1,3-Dichloropropene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Toluene	**510**	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	D
trans-1,3-Dichloropropene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Ethyl Methacrylate	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,1,2-Trichloroethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
2-Hexanone (MBK)	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,2-Dibromoethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Tetrachloroethene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,3-Dichloropropane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Dibromochloromethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Chlorobenzene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,1,1,2-Tetrachloroethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Ethylbenzene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
m,p-Xylenes	**110**	100	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	D
o-Xylene	**53**	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	D
Styrene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Bromoform	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Isopropylbenzene (Cumene)	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,1,2,2-Tetrachloroethane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,2,3-Trichloropropane	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-3)

11C1255-16 (Ground Water) Sampled: 03/28/2011 11:55; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Bromobenzene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Propylbenzene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
2-Chlorotoluene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,3,5-Trimethylbenzene	**19**	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	J, D
4-Chlorotoluene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
tert-Butylbenzene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,2,4-Trimethylbenzene	**54**	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	L2, D
sec-Butylbenzene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
4-Isopropyltoluene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,3-Dichlorobenzene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,4-Dichlorobenzene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
trans-1,4-Dichloro-2-butene	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Butylbenzene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,2-Dichlorobenzene	ND	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,2-Dibromo-3-chloropropane	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
1,2,4-Trichlorobenzene	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Hexachlorobutadiene	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Naphthalene	**4900**	50	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	D
1,2,3-Trichlorobenzene	ND	250	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	U, D
Total Xylenes	**160**	150	ug/L	040411 1804	040411 1804	mbh	EPA 8260B	D
Surrogate: Dibromofluoromethane		*101%*	*90.8-116*	*040411 1804*	*040411 1804*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*103%*	*77.8-136*	*040411 1804*	*040411 1804*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.7%*	*87.5-113*	*040411 1804*	*040411 1804*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*99.8%*	*80.8-127*	*040411 1804*	*040411 1804*		*EPA 8260B*	

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GL-18 (-3)

11C1255-16 (Ground Water) Sampled: 03/28/2011 11:55; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
N-Nitrosodimethylamine	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Pyridine	**52**	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	D
Pentachloroethane	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Aniline	**28**	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	D
Bis(2-Chloroethyl)ether	**43**	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	D
Phenol	**250**	61	ug/L	032911 1030	033011 1227	RCS	EPA 8270C	D
2-Chlorophenol	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
1,3-Dichlorobenzene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
1,4-Dichlorobenzene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
1,2-Dichlorobenzene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Bis(2-chloroisopropyl)ether	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
2-Methylphenol	**220**	61	ug/L	032911 1030	033011 1227	RCS	EPA 8270C	D
Hexachloroethane	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
4-Methylphenol, 3-Methylphenol	**500**	61	ug/L	032911 1030	033011 1227	RCS	EPA 8270C	D
Nitrobenzene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Isophorone	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
2-Nitrophenol	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
2,4-Dimethylphenol	**490**	61	ug/L	032911 1030	033011 1227	RCS	EPA 8270C	D
bis(2-Chloroethoxy)methane	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
2,4-Dichlorophenol	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
1,2,4-Trichlorobenzene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Naphthalene	**1600**	300	ug/L	032911 1030	032911 1832	RCS	EPA 8270C	D
Hexachlorobutadiene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
4-Chloro-3-methylphenol	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D

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GL-18 (-3)

11C1255-16 (Ground Water) Sampled: 03/28/2011 11:55; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2-Methylnaphthalene	**40**	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	D
Hexachlorocyclopentadiene	ND	12	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
2,4,6-Trichlorophenol	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
2,4,5-Trichlorophenol	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
2-Chloronaphthalene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Acenaphthylene	**6.1**	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	D
Dimethylphthalate	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
2,6-Dinitrotoluene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Acenaphthene	**3.6**	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	J, D
2,4-Dinitrophenol	ND	12	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Dibenzofuran	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
2,4-Dinitrotoluene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
4-Nitrophenol	ND	12	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Fluorene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
4-Chlorophenyl-phenylether	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Diethylphthalate	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
4,6-Dinitro-2-methylphenol	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
4-Bromophenyl-phenylether	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Hexachlorobenzene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Pentachlorophenol	ND	12	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Phenanthrene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Anthracene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Di-n-butylphthalate	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Fluoranthene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-3)

11C1255-16 (Ground Water) Sampled: 03/28/2011 11:55; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

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Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Pyrene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Butylbenzylphthalate	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
3,3´-Dichlorobenzidine	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Benz(a)anthracene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Chrysene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Bis(2-Ethylhexyl)phthalate	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Di-n-octylphthalate	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Benzo[b]fluoranthene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Benzo[k]fluoranthene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Benzo[a]pyrene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Indeno[1,2,3-cd]pyrene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Dibenz[a,h]anthracene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Benzo[g,h,i]perylene	ND	6.1	ug/L	032911 1030	032911 1941	RCS	EPA 8270C	U, D
Surrogate: 2-Fluorophenol		*36.4%*	*0.974-78.2*	*032911 1030*	*032911 1941*		*EPA 8270C*	
Surrogate: Phenol-d5		*26.3%*	*0-57.5*	*032911 1030*	*032911 1941*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*47.7%*	*15.3-131*	*032911 1030*	*032911 1941*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*49.0%*	*3.75-142*	*032911 1030*	*032911 1941*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*52.2%*	*12.5-139*	*032911 1030*	*032911 1941*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*48.2%*	*16.6-136*	*032911 1030*	*032911 1941*		*EPA 8270C*	

Field Sampling/Testing

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Conductivity	**2300**	0.0	umhos/cm	032811 1155	032811 1155	LBG	EPA 120.1	
pH	**11.0**	1.00	pH Units	032811 1155	032811 1155	LBG	SM (20) 4500-H B	
Temperature	**12.1**	0.100	°C	032811 1155	032811 1155	LBG	SM (20) 2550 B	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-33)

11C1255-17 (Ground Water) Sampled: 03/28/2011 12:45; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Field Analysi								
Analyst: TJH	**pH:** 6.50		**Flow (g/min):** NA		**Res. Cl (mg/L):** NA		**GW Elev.(ft):** 19.20	
Temp. (C): 14.3	**Turb. (ntu):** NA		**D.O. (mg/L):** 2.18		**Cond. (umhos/cm):** 5510		**LEL (%):** NA	
ORP (mV): 124.0								
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Alkalinity	**61**	1.0	mg CaCO3/L	040711 0858	041511 1400	BMC	SM (20) 2320B	Z10a
Chloride	**3500**	50	mg/L	041211 1038	041311 1629	BMC	SM (20) 4500Cl-C	D
COD, Total	**51**	10	mg/L	040111 1300	040411 1158	LCR	EPA410.4/HACH8000	
Ammonia as N	**3.9**	0.10	mg/L	033111 0900	033111 1346	VAS	SM(20)4500NH3-G	
Nitrite as N	**0.0065**	0.012	mg/L	032911 0731	032911 0731	VAS	EPA 353.2	J
Nitrate as N	ND	0.050	mg/L	032911 0908	032911 0908	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032911 0908	032911 0908	VAS	EPA 353.2	U
Sulfate as SO4	**44**	5.0	mg/L	033111 1145	040111 1356	LCR	ASTM D516-02	D
Total Dissolved Solids	**3100**	40	mg/L	033011 0932	033011 0933	LCR	SM (20) 2540 C	D
Turbidity	**390**	2.0	NTU	032911 1113	032911 1427	BMC	EPA 180.1	D
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040111 1414	040411 1656	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**640**	1.7	mg/L	033011 1223	040111 1417	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	U
Arsenic	**0.0052**	0.0020	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	
Barium	**0.85**	0.0050	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	U
Calcium	**81**	0.50	mg/L	033011 1223	040111 1417	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	U
Cobalt	**0.016**	0.0050	mg/L	033011 1225	033111 1713	PBK	EPA 200.8/6020	
Chromium	ND	0.0020	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	U

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-33)

11C1255-17 (Ground Water) Sampled: 03/28/2011 12:45; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	6.50	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	19.20
Temp. (C):	14.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.18	**Cond. (umhos/cm):**	5510	**LEL (%):**	NA
ORP (mV):	124.0								

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Metals, Total by EPA 200/6000 Series Methods

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Copper	**0.00038**	0.0010	mg/L	033011 1225	033111 1713	PBK	EPA 200.8/6020	J
Iron	**300**	0.050	mg/L	033011 1223	040111 1417	APS	EPA 200.7/6010B	D
Potassium	**6.9**	0.10	mg/L	033011 1223	040111 1417	APS	EPA 200.7/6010B	D
Magnesium	**110**	0.10	mg/L	033011 1223	040111 1417	APS	EPA 200.7/6010B	D
Manganese	**11**	0.050	mg/L	033011 1225	033111 1733	PBK	EPA 200.8/6020	D
Sodium	**630**	10	mg/L	033011 1223	040111 1417	APS	EPA 200.7/6010B	D
Nickel	**0.0083**	0.0050	mg/L	033011 1225	033111 1713	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	U
Antimony	ND	0.0050	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	U
Selenium	**0.021**	0.0050	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	
Thallium	ND	0.0010	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	U
Zinc	**0.0071**	0.0050	mg/L	033011 1225	033111 1438	PBK	EPA 200.8/6020	

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Dichlorodifluoromethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	R1, V1, U
Vinyl chloride	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	Z10c, U
Bromomethane	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Chloroethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	V6, U
Acrolein	ND	10	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Acetone	ND	25	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-33)

11C1255-17 (Ground Water) Sampled: 03/28/2011 12:45; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	6.50	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	19.20
Temp. (C):	14.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.18	**Cond. (umhos/cm):**	5510	**LEL (%):**	NA
ORP (mV):	124.0								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Iodomethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	V6, U
Carbon disulfide	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	V6, U
Benzene	**0.62**	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	J
1,2-Dichloroethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	L1, U
Trichloroethene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-33)

11C1255-17 (Ground Water) Sampled: 03/28/2011 12:45; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	6.50	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	19.20
Temp. (C):	14.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.18	**Cond. (umhos/cm):**	5510	**LEL (%):**	NA
ORP (mV):	124.0								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Methyl Methacrylate	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	L3, V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Toluene	**0.30**	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	J
trans-1,3-Dichloropropene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Styrene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-33)

11C1255-17 (Ground Water) Sampled: 03/28/2011 12:45; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	TJH	**pH:**	6.50	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	19.20		
Temp. (C):	14.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.18	**Cond. (umhos/cm):**	5510	**LEL (%):**	NA		
ORP (mV):	124.0										

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Propylbenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	L1, U
sec-Butylbenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	L1, U
1,2-Dichlorobenzene	ND	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	V6, U
Naphthalene	**0.93**	1.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	B3, V1, J, B
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	L1, U
Total Xylenes	ND	3.0	ug/L	032911 1643	032911 1643	mbh	EPA 8260B	U
Surrogate: Dibromofluoromethane		*105%*	*90.8-116*	*032911 1643*	*032911 1643*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*119%*	*77.8-136*	*032911 1643*	*032911 1643*		*EPA 8260B*	
Surrogate: Toluene-d8		*99.0%*	*87.5-113*	*032911 1643*	*032911 1643*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*117%*	*80.8-127*	*032911 1643*	*032911 1643*		*EPA 8260B*	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-33)

11C1255-17 (Ground Water) Sampled: 03/28/2011 12:45; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	6.50	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	19.20
Temp. (C):	14.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.18	**Cond. (umhos/cm):**	5510	**LEL (%):**	NA
ORP (mV):	124.0								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
N-Nitrosodimethylamine	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Pyridine	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Pentachloroethane	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Aniline	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Bis(2-Chloroethyl)ether	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Phenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2-Chlorophenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
1,3-Dichlorobenzene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
1,4-Dichlorobenzene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
1,2-Dichlorobenzene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Bis(2-chloroisopropyl)ether	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2-Methylphenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Hexachloroethane	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
4-Methylphenol, 3-Methylphenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Nitrobenzene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Isophorone	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2-Nitrophenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2,4-Dimethylphenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
bis(2-Chloroethoxy)methane	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2,4-Dichlorophenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
1,2,4-Trichlorobenzene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Naphthalene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Hexachlorobutadiene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
4-Chloro-3-methylphenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2-Methylnaphthalene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-33)

11C1255-17 (Ground Water) Sampled: 03/28/2011 12:45; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	6.50	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	19.20
Temp. (C):	14.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.18	**Cond. (umhos/cm):**	5510	**LEL (%):**	NA
ORP (mV):	124.0								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Hexachlorocyclopentadiene	ND	11	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2,4,6-Trichlorophenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2,4,5-Trichlorophenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2-Chloronaphthalene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Acenaphthylene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Dimethylphthalate	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2,6-Dinitrotoluene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Acenaphthene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2,4-Dinitrophenol	ND	11	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Dibenzofuran	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
2,4-Dinitrotoluene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
4-Nitrophenol	ND	11	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Fluorene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
4-Chlorophenyl-phenylether	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Diethylphthalate	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
4,6-Dinitro-2-methylphenol	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
4-Bromophenyl-phenylether	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Hexachlorobenzene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Pentachlorophenol	ND	11	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Phenanthrene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Anthracene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Di-n-butylphthalate	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Fluoranthene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Pyrene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Butylbenzylphthalate	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-18 (-33)

11C1255-17 (Ground Water) Sampled: 03/28/2011 12:45; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	6.50	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	19.20
Temp. (C):	14.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.18	**Cond. (umhos/cm):**	5510	**LEL (%):**	NA
ORP (mV):	124.0								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
3,3´-Dichlorobenzidine	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Benz(a)anthracene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Chrysene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Bis(2-Ethylhexyl)phthalate	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Di-n-octylphthalate	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Benzo[b]fluoranthene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Benzo[k]fluoranthene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Benzo[a]pyrene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Indeno[1,2,3-cd]pyrene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Dibenz[a,h]anthracene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Benzo[g,h,i]perylene	ND	5.7	ug/L	032911 1030	032911 1538	RCS	EPA 8270C	U, D
Surrogate: 2-Fluorophenol		*43.3%*	*0.974-78.2*	*032911 1030*	*032911 1538*		*EPA 8270C*	
Surrogate: Phenol-d5		*30.5%*	*0-57.5*	*032911 1030*	*032911 1538*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*64.0%*	*15.3-131*	*032911 1030*	*032911 1538*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*63.1%*	*3.75-142*	*032911 1030*	*032911 1538*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*62.2%*	*12.5-139*	*032911 1030*	*032911 1538*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*68.5%*	*16.6-136*	*032911 1030*	*032911 1538*		*EPA 8270C*	

Field Sampling/Testing

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Conductivity	**5500**	0.0	umhos/cm	032811 1245	032811 1245	LBG	EPA 120.1	
pH	**6.50**	1.00	pH Units	032811 1245	032811 1245	LBG	SM (20) 4500-H B	
Temperature	**14.3**	0.100	°C	032811 1245	032811 1245	LBG	SM (20) 2550 B	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-20 (-5)

11C1255-19 (Ground Water) Sampled: 04/06/2011 10:10; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**75**	2.0	mg CaCO3/L	041811 1015	041811 1015	BMC	SM (20) 2320B	D
Chloride	**45**	2.0	mg/L	041211 1038	041311 1629	BMC	SM (20) 4500Cl-C	D
COD, Total	**61**	10	mg/L	041211 0909	041211 1410	LCR	EPA410.4/HACH8000	
Ammonia as N	**7.0**	1.0	mg/L	040711 0530	040711 1233	VAS	SM(20)4500NH3-G	D
Nitrite as N	ND	0.012	mg/L	040711 0510	040711 0510	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	040711 0923	040711 0923	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	040711 0923	040711 0923	VAS	EPA 353.2	U
Sulfate as SO4	**1100**	50	mg/L	041411 0900	041411 1341	LCR	ASTM D516-02	D
Total Dissolved Solids	**480**	10	mg/L	040811 0700	040811 0704	LCR	SM (20) 2540 C	D
Turbidity	**0.50**	0.10	NTU	040711 1624	040711 1641	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	**0.00015**	0.00020	mg/L	040811 1446	041111 1400	APS	EPA 245.1/7470A	J
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**32**	0.17	mg/L	040611 1400	040711 1449	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	U
Arsenic	**0.0020**	0.0020	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	
Barium	**0.028**	0.0050	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	040611 1400	041211 2038	PBK	EPA 200.8/6020	U
Calcium	**12**	0.050	mg/L	040611 1400	040711 1449	APS	EPA 200.7/6010B	
Cadmium	**0.00077**	0.00050	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	
Cobalt	**0.00027**	0.0050	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	J
Chromium	**0.00088**	0.0020	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	J
Copper	**0.0015**	0.0010	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	
Iron	**0.028**	0.0050	mg/L	040611 1400	040711 1449	APS	EPA 200.7/6010B	
Potassium	**46**	0.010	mg/L	040611 1400	040711 1449	APS	EPA 200.7/6010B	B4
Magnesium	**0.79**	0.010	mg/L	040611 1400	040711 1449	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-20 (-5)

11C1255-19 (Ground Water) Sampled: 04/06/2011 10:10; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Manganese	**0.00071**	0.0010	mg/L	040611 1400	040711 2121	PBK	EPA 200.8/6020	J
Sodium	**82**	10	mg/L	040611 1400	040711 1453	APS	EPA 200.7/6010B	D
Nickel	**0.0026**	0.0050	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	J
Lead	**0.0035**	0.0010	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	U
Selenium	**0.00086**	0.0050	mg/L	040611 1400	041211 2038	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	040611 1400	041211 2038	PBK	EPA 200.8/6020	U
Vanadium	**0.0068**	0.0050	mg/L	040611 1400	041211 2038	PBK	EPA 200.8/6020	
Zinc	**0.0061**	0.0050	mg/L	040611 1400	040711 1547	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Chloroethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	R1, U
Acrolein	ND	10	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	R2, U
1,1-Dichloroethene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Acetone	ND	25	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	L3, V6, U
Acetonitrile	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,1-Dichloroethane	**3.1**	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	
Chloroprene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-20 (-5)

11C1255-19 (Ground Water) Sampled: 04/06/2011 10:10; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2,2-Dichloropropane	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	R1, U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Benzene	**36**	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Toluene	**1.2**	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	R1, U
1,2-Dibromoethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	M6, U
1,3-Dichloropropane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-20 (-5)

11C1255-19 (Ground Water) Sampled: 04/06/2011 10:10; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Ethylbenzene	**0.80**	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	J
m,p-Xylenes	**1.8**	2.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	J
o-Xylene	**1.8**	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	
Styrene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,3,5-Trimethylbenzene	**1.1**	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	
4-Chlorotoluene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,2,4-Trimethylbenzene	**3.6**	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	
sec-Butylbenzene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
4-Isopropyltoluene	**1.0**	3.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	B, M6, J
1,3-Dichlorobenzene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	M10, U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Naphthalene	**26**	1.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	U
Total Xylenes	**3.7**	3.0	ug/L	040711 1831	040711 1831	mbh	EPA 8260B	
Surrogate: Dibromofluoromethane		*96.3%*	*90.8-116*	*040711 1831*	*040711 1831*		*EPA 8260B*	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-20 (-5)

11C1255-19 (Ground Water) Sampled: 04/06/2011 10:10; Type: Grab

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 1,2-Dichloroethane-d4		*101%*	*77.8-136*	*040711 1831*	*040711 1831*		*EPA 8260B*	
Surrogate: Toluene-d8		*96.8%*	*87.5-113*	*040711 1831*	*040711 1831*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*99.6%*	*80.8-127*	*040711 1831*	*040711 1831*		*EPA 8260B*	
Acid and Base/Neutral Extractables by EPA Method 8270C								
N-Nitrosodimethylamine	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Pyridine	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Pentachloroethane	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Aniline	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Bis(2-Chloroethyl)ether	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Phenol	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2-Chlorophenol	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
1,3-Dichlorobenzene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
1,4-Dichlorobenzene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
1,2-Dichlorobenzene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2-Methylphenol	**11**	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	
Hexachloroethane	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
4-Methylphenol, 3-Methylphenol	**4.2**	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	J
Nitrobenzene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Isophorone	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2-Nitrophenol	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2,4-Dimethylphenol	**100**	50	ug/L	040511 1500	040811 1603	RCS	EPA 8270C	D
bis(2-Chloroethoxy)methane	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2,4-Dichlorophenol	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Naphthalene	**13**	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	
Hexachlorobutadiene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
4-Chloro-3-methylphenol	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2-Methylnaphthalene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U

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Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-20 (-5)

11C1255-19 (Ground Water) Sampled: 04/06/2011 10:10; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Hexachlorocyclopentadiene	ND	10	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2,4,6-Trichlorophenol	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2,4,5-Trichlorophenol	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2-Chloronaphthalene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Acenaphthylene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Dimethylphthalate	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2,6-Dinitrotoluene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Acenaphthene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2,4-Dinitrophenol	ND	10	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Dibenzofuran	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
2,4-Dinitrotoluene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
4-Nitrophenol	ND	10	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Fluorene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
4-Chlorophenyl-phenylether	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Diethylphthalate	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
4-Bromophenyl-phenylether	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Hexachlorobenzene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Pentachlorophenol	ND	10	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Phenanthrene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Anthracene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Di-n-butylphthalate	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Fluoranthene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Pyrene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Butylbenzylphthalate	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
3,3´-Dichlorobenzidine	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Benz(a)anthracene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Chrysene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Bis(2-Ethylhexyl)phthalate	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Di-n-octylphthalate	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	V6, U
Benzo[b]fluoranthene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U

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GL-20 (-5)

11C1255-19 (Ground Water) Sampled: 04/06/2011 10:10; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Acid and Base/Neutral Extractables by EPA Method 8270C								
Benzo[k]fluoranthene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Benzo[a]pyrene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Indeno[1,2,3-cd]pyrene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Dibenz[a,h]anthracene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Benzo[g,h,i]perylene	ND	5.0	ug/L	040511 1500	040811 1856	RCS	EPA 8270C	U
Surrogate: 2-Fluorophenol		*54.1%*	*0.974-78.2*	*040511 1500*	*040811 1856*		*EPA 8270C*	
Surrogate: Phenol-d5		*39.8%*	*0-57.5*	*040511 1500*	*040811 1856*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*85.7%*	*15.3-131*	*040511 1500*	*040811 1856*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*82.7%*	*3.75-142*	*040511 1500*	*040811 1856*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*90.4%*	*12.5-139*	*040511 1500*	*040811 1856*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*94.7%*	*16.6-136*	*040511 1500*	*040811 1856*		*EPA 8270C*	
Field Sampling/Testing								
Conductivity	**600**	0.0	umhos/cm	040611 1010	040611 1010	LBG	EPA 120.1	
pH	**10.3**	1.00	pH Units	040611 1010	040611 1010	LBG	SM (20) 4500-H B	
Temperature	**14.1**	0.100	°C	040611 1010	040611 1010	LBG	SM (20) 2550 B	

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TS-01 (-7)

11C1255-20 (Ground Water) Sampled: 03/31/2011 10:02; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**360**	4.0	mg CaCO3/L	040411 1213	040411 1245	BMC	SM (20) 2320B	D
Chloride	**3700**	50	mg/L	041211 1038	041311 1629	BMC	SM (20) 4500Cl-C	D
COD, Total	**120**	10	mg/L	040111 1300	040411 1200	LCR	EPA410.4/HACH8000	
Ammonia as N	**23**	1.0	mg/L	040411 1140	040411 1429	VAS	SM(20)4500NH3-G	D
Nitrite as N	ND	0.012	mg/L	040111 0733	040111 0733	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	U
Sulfate as SO4	**2900**	100	mg/L	041911 1545	042011 0651	LCR	ASTM D516-02	D
Total Dissolved Solids	**5900**	100	mg/L	040111 1527	040111 1528	LCR	SM (20) 2540 C	D
Turbidity	**0.21**	0.10	NTU	040111 1445	040111 1445	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1329	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**1500**	1.7	mg/L	040511 1457	040711 1312	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	U
Arsenic	**0.020**	0.0020	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	
Barium	**0.025**	0.0050	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	040511 1502	041211 1952	PBK	EPA 200.8/6020	U
Calcium	**590**	0.50	mg/L	040511 1457	040711 1312	APS	EPA 200.7/6010B	D
Cadmium	**0.0021**	0.00050	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	
Cobalt	**0.00084**	0.0050	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	J
Chromium	ND	0.0020	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	U
Copper	**0.0052**	0.0010	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	
Iron	ND	0.0050	mg/L	040511 1457	040711 1100	APS	EPA 200.7/6010B	B5, U
Potassium	**580**	0.10	mg/L	040511 1457	040711 1312	APS	EPA 200.7/6010B	D
Magnesium	**0.070**	0.10	mg/L	040511 1457	040711 1312	APS	EPA 200.7/6010B	J, D
Manganese	**0.00080**	0.0010	mg/L	040511 1502	040711 2036	PBK	EPA 200.8/6020	J

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TS-01 (-7)

11C1255-20 (Ground Water) Sampled: 03/31/2011 10:02; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**1700**	100	mg/L	040511 1457	040711 1434	APS	EPA 200.7/6010B	D
Nickel	**0.016**	0.0050	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	U
Antimony	**0.00065**	0.0050	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	J
Selenium	**0.045**	0.0050	mg/L	040511 1502	041211 1952	PBK	EPA 200.8/6020	
Thallium	ND	0.0010	mg/L	040511 1502	041211 1952	PBK	EPA 200.8/6020	U
Vanadium	**0.050**	0.0050	mg/L	040511 1502	041211 1952	PBK	EPA 200.8/6020	
Zinc	**0.0069**	0.0050	mg/L	040511 1502	040711 1455	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,1-Dichloroethane	**2.9**	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	
Chloroprene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

TS-01 (-7)

11C1255-20 (Ground Water) Sampled: 03/31/2011 10:02; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	**0.93**	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	J
2-Butanone (MEK)	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Benzene	**18**	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Toluene	**0.44**	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	J
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

TS-01 (-7)

11C1255-20 (Ground Water) Sampled: 03/31/2011 10:02; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Ethylbenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
m,p-Xylenes	**0.35**	2.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	J
o-Xylene	**0.15**	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	J
Styrene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,3-Dichlorobenzene	**0.55**	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	J
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Naphthalene	**2.0**	1.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	U
Total Xylenes	**0.50**	3.0	ug/L	040511 1435	040511 1435	MBH	EPA 8260B	J
Surrogate: Dibromofluoromethane		*101%*	*90.8-116*	*040511 1435*	*040511 1435*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*102%*	*77.8-136*	*040511 1435*	*040511 1435*		*EPA 8260B*	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

TS-01 (-7)

11C1255-20 (Ground Water) Sampled: 03/31/2011 10:02; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: Toluene-d8		*100%*	*87.5-113*	*040511 1435*	*040511 1435*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*99.6%*	*80.8-127*	*040511 1435*	*040511 1435*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**1200**	0.0	umhos/cm	033111 1002	033111 1002	LBG	EPA 120.1	
pH	**11.4**	1.00	pH Units	033111 1002	033111 1002	LBG	SM (20) 4500-H B	
Temperature	**13.0**	0.100	°C	033111 1002	033111 1002	LBG	SM (20) 2550 B	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Trip Blank

11C1255-21 (Ground Water) Sampled: 03/21/2011 08:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Dichlorodifluoromethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	M10, U
Acrolein	ND	10	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	M3, U
Iodomethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	M3, U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	M10, V6, U
Benzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	V1, U

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Trip Blank

11C1255-21 (Ground Water) Sampled: 03/21/2011 08:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Trichloroethene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	V1, U
1,2-Dibromoethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	V1, U
Propylbenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Trip Blank

11C1255-21 (Ground Water) Sampled: 03/21/2011 08:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
4-Chlorotoluene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	M10, U
1,3-Dichlorobenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	M3, U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	M3, V1, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	M3, U
Total Xylenes	ND	3.0	ug/L	032511 1401	032511 1401	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*108%*	*93-109*	*032511 1401*	*032511 1401*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*123%*	*82.8-120*	*032511 1401*	*032511 1401*		*EPA 8260B*	*S1*
Surrogate: Toluene-d8		*102%*	*86.4-116*	*032511 1401*	*032511 1401*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*122%*	*78.7-123*	*032511 1401*	*032511 1401*		*EPA 8260B*	

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Trip Blank

11C1255-22 (Ground Water) Sampled: 03/23/2011 00:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Dichlorodifluoromethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	M10, U
Acrolein	ND	10	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	M3, U
Iodomethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	M3, U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	M10, V6, U
Benzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	V1, U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Trip Blank

11C1255-22 (Ground Water) Sampled: 03/23/2011 00:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Trichloroethene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	V1, U
1,2-Dibromoethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	V1, U
Propylbenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Trip Blank

11C1255-22 (Ground Water) Sampled: 03/23/2011 00:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
4-Chlorotoluene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	M10, U
1,3-Dichlorobenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	M3, U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	M3, V1, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	M3, U
Total Xylenes	ND	3.0	ug/L	032511 1432	032511 1432	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*104%*	*93-109*	*032511 1432*	*032511 1432*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*120%*	*82.8-120*	*032511 1432*	*032511 1432*		*EPA 8260B*	
Surrogate: Toluene-d8		*100%*	*86.4-116*	*032511 1432*	*032511 1432*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*128%*	*78.7-123*	*032511 1432*	*032511 1432*		*EPA 8260B*	*S1*

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Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Trip Blank

11C1255-23 (Ground Water) Sampled: 03/28/2011 07:50; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Dichlorodifluoromethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	M10, U
Acrolein	ND	10	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	M3, U
Iodomethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	M3, U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	M10, V6, U
Benzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	V1, U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Trip Blank

11C1255-23 (Ground Water) Sampled: 03/28/2011 07:50; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Trichloroethene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	V1, U
1,2-Dibromoethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	V1, U
Propylbenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Trip Blank

11C1255-23 (Ground Water) Sampled: 03/28/2011 07:50; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
4-Chlorotoluene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	M10, U
1,3-Dichlorobenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	M3, U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	V1, M3, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	M3, U
Total Xylenes	ND	3.0	ug/L	032511 1503	032511 1503	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*108%*	*93-109*	*032511 1503*	*032511 1503*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*124%*	*82.8-120*	*032511 1503*	*032511 1503*		*EPA 8260B*	*S1*
Surrogate: Toluene-d8		*99.9%*	*86.4-116*	*032511 1503*	*032511 1503*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*126%*	*78.7-123*	*032511 1503*	*032511 1503*		*EPA 8260B*	*S1*

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-17)

11C1255-31 (Ground Water) Sampled: 03/21/2011 14:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	ND	1.0	mg CaCO3/L	040411 1213	040411 1245	BMC	SM (20) 2320B	U
Chloride	**200**	5.0	mg/L	040411 1045	040411 1203	BMC	SM (20) 4500Cl-C	D
COD, Total	ND	10	mg/L	032811 1400	032911 1430	LCR	EPA410.4/HACH8000	U
Ammonia as N	**3.3**	0.10	mg/L	032211 1000	032211 1308	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	032211 0927	032211 0927	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032311 0949	032311 0949	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032311 0949	032311 0949	VAS	EPA 353.2	U
Sulfate as SO4	**170**	10	mg/L	033111 1145	040111 1356	LCR	ASTM D516-02	D
Total Dissolved Solids	**650**	20	mg/L	032411 0800	032411 0803	LCR	SM (20) 2540 C	D
Turbidity	**160**	0.10	NTU	032311 0946	032311 1453	BMC	EPA 180.1	H1
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032311 0801	032311 1643	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**140**	0.17	mg/L	032211 1022	032211 1554	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	U
Arsenic	ND	0.0020	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	U
Barium	**0.028**	0.0050	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	U
Calcium	**19**	0.050	mg/L	032211 1022	032211 1554	APS	EPA 200.7/6010B	
Cadmium	ND	0.00050	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	U
Cobalt	**0.00025**	0.0050	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	J
Chromium	ND	0.0020	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	U
Copper	ND	0.0010	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	U
Iron	**130**	0.10	mg/L	032211 1022	032211 1658	APS	EPA 200.7/6010B	D
Potassium	**3.3**	0.010	mg/L	032211 1022	032211 1554	APS	EPA 200.7/6010B	
Magnesium	**22**	0.010	mg/L	032211 1022	032211 1554	APS	EPA 200.7/6010B	
Manganese	**3.2**	0.0050	mg/L	032211 1134	032311 0923	PBK	EPA 200.8/6020	D

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Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-17)

11C1255-31 (Ground Water) Sampled: 03/21/2011 14:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**130**	20	mg/L	032211 1022	032211 1658	APS	EPA 200.7/6010B	D
Nickel	**0.020**	0.0050	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	U
Antimony	ND	0.0050	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	U
Selenium	**0.0010**	0.0050	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	032211 1134	032211 1829	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	032211 1134	032311 0921	PBK	EPA 200.8/6020	U
Zinc	**0.0016**	0.0050	mg/L	032211 1134	032311 1122	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V6, U
Acrolein	ND	10	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V6, U
Carbon disulfide	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-17)

11C1255-31 (Ground Water) Sampled: 03/21/2011 14:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V6, U
Benzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-17)

11C1255-31 (Ground Water) Sampled: 03/21/2011 14:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V1, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	V1, U
Total Xylenes	ND	3.0	ug/L	032411 1719	032411 1719	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*106%*	*93-109*	*032411 1719*	*032411 1719*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*122%*	*82.8-120*	*032411 1719*	*032411 1719*		*EPA 8260B*	*S1*
Surrogate: Toluene-d8		*100%*	*86.4-116*	*032411 1719*	*032411 1719*		*EPA 8260B*	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
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GL-12 (-17)

11C1255-31 (Ground Water) Sampled: 03/21/2011 14:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*125%*	*78.7-123*	*032411 1719*	*032411 1719*		*EPA 8260B*	*S1*
Field Sampling/Testing								
Conductivity	**650**	0.0	umhos/cm	032111 1440	032111 1440	LBG	EPA 120.1	
pH	**3.86**	1.00	pH Units	032111 1440	032111 1440	LBG	SM (20) 4500-H B	
Temperature	**12.8**	0.100	°C	032111 1440	032111 1440	LBG	SM (20) 2550 B	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-3)

11C1255-32 (Ground Water) Sampled: 03/21/2011 13:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	ND	1.0	mg CaCO3/L	040411 1213	040411 1245	BMC	SM (20) 2320B	U
Chloride	**61**	2.0	mg/L	040411 1045	040411 1203	BMC	SM (20) 4500Cl-C	D
COD, Total	ND	10	mg/L	032811 1400	032911 1432	LCR	EPA410.4/HACH8000	U
Ammonia as N	**0.26**	0.10	mg/L	032211 1000	032211 1308	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	032211 0927	032211 0927	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032311 0949	032311 0949	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032311 0949	032311 0949	VAS	EPA 353.2	U
Sulfate as SO4	**260**	10	mg/L	033011 1055	033011 1351	LCR	ASTM D516-02	D
Total Dissolved Solids	**420**	10	mg/L	032411 0800	032411 0803	LCR	SM (20) 2540 C	D
Turbidity	**2.9**	0.10	NTU	032311 0946	032311 1453	BMC	EPA 180.1	H1
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032311 0801	032311 1646	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**210**	0.17	mg/L	032211 1022	032211 1635	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	U
Arsenic	ND	0.0020	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	U
Barium	**0.015**	0.0050	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	
Beryllium	**0.0064**	0.0010	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	
Calcium	**24**	0.050	mg/L	032211 1022	032211 1635	APS	EPA 200.7/6010B	
Cadmium	**0.0010**	0.00050	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	
Cobalt	**0.15**	0.0050	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	
Chromium	**0.0014**	0.0020	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	J
Copper	**0.0053**	0.0010	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	
Iron	**1.1**	0.0050	mg/L	032211 1022	032211 1635	APS	EPA 200.7/6010B	
Potassium	**1.4**	0.010	mg/L	032211 1022	032211 1635	APS	EPA 200.7/6010B	
Magnesium	**36**	0.010	mg/L	032211 1022	032211 1635	APS	EPA 200.7/6010B	
Manganese	**0.54**	0.0010	mg/L	032211 1134	032311 0926	PBK	EPA 200.8/6020	

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-3)

11C1255-32 (Ground Water) Sampled: 03/21/2011 13:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**54**	5.0	mg/L	032211 1022	032211 1724	APS	EPA 200.7/6010B	D
Nickel	**0.26**	0.0050	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	
Lead	**0.0011**	0.0010	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	U
Selenium	**0.00072**	0.0050	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	032211 1134	032211 1834	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	032211 1134	032311 0926	PBK	EPA 200.8/6020	U
Zinc	**0.34**	0.0050	mg/L	032211 1134	032311 1126	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V6, U
Acrolein	ND	10	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V6, U
Carbon disulfide	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-3)

11C1255-32 (Ground Water) Sampled: 03/21/2011 13:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V6, U
Benzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-3)

11C1255-32 (Ground Water) Sampled: 03/21/2011 13:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V1, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	V1, U
Total Xylenes	ND	3.0	ug/L	032411 1750	032411 1750	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*106%*	*93-109*	*032411 1750*	*032411 1750*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*121%*	*82.8-120*	*032411 1750*	*032411 1750*		*EPA 8260B*	*S1*
Surrogate: Toluene-d8		*100%*	*86.4-116*	*032411 1750*	*032411 1750*		*EPA 8260B*	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-3)

11C1255-32 (Ground Water) Sampled: 03/21/2011 13:40; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*123%*	*78.7-123*	*032411 1750*	*032411 1750*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**720**	0.0	umhos/cm	032111 1340	032111 1340	LBG	EPA 120.1	
pH	**4.31**	1.00	pH Units	032111 1340	032111 1340	LBG	SM (20) 4500-H B	
Temperature	**11.5**	0.100	°C	032111 1340	032111 1340	LBG	SM (20) 2550 B	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-10 (-1)

11C1255-33 (Ground Water) Sampled: 03/22/2011 14:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	ND	1.0	mg CaCO3/L	040411 1213	040411 1245	BMC	SM (20) 2320B	U
Chloride	**17**	1.0	mg/L	040411 1045	040411 1203	BMC	SM (20) 4500Cl-C	
COD, Total	ND	10	mg/L	032811 1400	032911 1434	LCR	EPA410.4/HACH8000	U
Ammonia as N	**2.1**	0.10	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	032311 1205	032311 1205	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	U
Sulfate as SO4	**92**	5.0	mg/L	033011 1055	033011 1351	LCR	ASTM D516-02	D
Total Dissolved Solids	**270**	10	mg/L	032411 0800	032411 0803	LCR	SM (20) 2540 C	D
Turbidity	**15**	0.10	NTU	032311 0946	032311 1453	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1503	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**59**	0.17	mg/L	032511 1207	032911 1636	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	U
Arsenic	**0.0014**	0.0020	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	J
Barium	**0.050**	0.0050	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	U
Calcium	**12**	0.050	mg/L	032511 1207	032911 1636	APS	EPA 200.7/6010B	
Cadmium	ND	0.00050	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	U
Cobalt	ND	0.0050	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	U
Chromium	ND	0.0020	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	U
Copper	ND	0.0010	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	U
Iron	**45**	0.050	mg/L	032511 1207	033011 1227	APS	EPA 200.7/6010B	D, B
Potassium	**0.79**	0.010	mg/L	032511 1207	032911 1636	APS	EPA 200.7/6010B	
Magnesium	**7.4**	0.010	mg/L	032511 1207	032911 1636	APS	EPA 200.7/6010B	
Manganese	**1.2**	0.010	mg/L	032511 1213	032811 1717	PBK	EPA 200.8/6020	D

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-10 (-1)

11C1255-33 (Ground Water) Sampled: 03/22/2011 14:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**22**	1.0	mg/L	032511 1207	032911 1636	APS	EPA 200.7/6010B	
Nickel	**0.0049**	0.0050	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	J
Lead	ND	0.0010	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	U
Antimony	**0.00072**	0.0050	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	J
Selenium	**0.00067**	0.0050	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	U
Zinc	**0.0028**	0.0050	mg/L	032511 1213	032811 1334	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	M10, U
Acrolein	ND	10	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	M3, U
Iodomethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-10 (-1)

11C1255-33 (Ground Water) Sampled: 03/22/2011 14:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	M3, U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	M10, V6, U
Benzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	V1, U
Trichloroethene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	V1, U
1,2-Dibromoethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-10 (-1)

11C1255-33 (Ground Water) Sampled: 03/22/2011 14:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	V1, U
Propylbenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	M10, U
1,3-Dichlorobenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	M3, U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	M3, V1, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	M3, U
Total Xylenes	ND	3.0	ug/L	032511 1534	032511 1534	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*106%*	*93-109*	*032511 1534*	*032511 1534*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*123%*	*82.8-120*	*032511 1534*	*032511 1534*		*EPA 8260B*	*S1*
Surrogate: Toluene-d8		*101%*	*86.4-116*	*032511 1534*	*032511 1534*		*EPA 8260B*	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-10 (-1)

11C1255-33 (Ground Water) Sampled: 03/22/2011 14:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*129%*	*78.7-123*	*032511 1534*	*032511 1534*		*EPA 8260B*	*S1*
Field Sampling/Testing								
Conductivity	**380**	0.0	umhos/cm	032211 1435	032211 1435	LBG	EPA 120.1	
pH	**5.91**	1.00	pH Units	032211 1435	032211 1435	LBG	SM (20) 4500-H B	
Temperature	**12.6**	0.100	°C	032211 1435	032211 1435	LBG	SM (20) 2550 B	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-10 (-31)

11C1255-34 (Ground Water) Sampled: 03/22/2011 13:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**56**	2.0	mg CaCO3/L	040411 1213	040411 1245	BMC	SM (20) 2320B	D
Chloride	**12**	1.0	mg/L	040411 1045	040411 1203	BMC	SM (20) 4500Cl-C	
COD, Total	**20**	10	mg/L	032811 1400	032911 1436	LCR	EPA410.4/HACH8000	
Ammonia as N	**4.5**	0.10	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	032311 1205	032311 1205	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	U
Sulfate as SO4	**15**	1.0	mg/L	033011 1055	033011 1351	LCR	ASTM D516-02	
Total Dissolved Solids	**130**	40	mg/L	032411 0800	032411 0804	LCR	SM (20) 2540 C	D
Turbidity	**33**	0.10	NTU	032311 0946	032311 1453	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1505	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**32**	0.17	mg/L	032511 1207	032911 1709	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	U
Arsenic	ND	0.0020	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	U
Barium	**0.060**	0.0050	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	U
Calcium	**7.4**	0.050	mg/L	032511 1207	032911 1709	APS	EPA 200.7/6010B	
Cadmium	ND	0.00050	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	U
Cobalt	ND	0.0050	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	U
Chromium	**0.0012**	0.0020	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	J
Copper	ND	0.0010	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	U
Iron	**45**	0.0050	mg/L	032511 1207	032911 1709	APS	EPA 200.7/6010B	B
Potassium	**6.5**	0.010	mg/L	032511 1207	032911 1709	APS	EPA 200.7/6010B	
Magnesium	**3.4**	0.010	mg/L	032511 1207	032911 1709	APS	EPA 200.7/6010B	
Manganese	**0.84**	0.0010	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
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GL-10 (-31)

11C1255-34 (Ground Water) Sampled: 03/22/2011 13:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**11**	1.0	mg/L	032511 1207	032911 1709	APS	EPA 200.7/6010B	
Nickel	ND	0.0050	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	U
Lead	ND	0.0010	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	U
Antimony	**0.00058**	0.0050	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	J
Selenium	**0.00070**	0.0050	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	U
Zinc	**0.0011**	0.0050	mg/L	032511 1213	032811 1339	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	M10, U
Acrolein	ND	10	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	M3, U
Iodomethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U

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GL-10 (-31)

11C1255-34 (Ground Water) Sampled: 03/22/2011 13:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	M3, U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	M10, V6, U
Benzene	**0.81**	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	J
1,2-Dichloroethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	V1, U
Trichloroethene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	V1, U
1,2-Dibromoethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-10 (-31)

11C1255-34 (Ground Water) Sampled: 03/22/2011 13:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Ethylbenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	V1, U
Propylbenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	M10, U
1,3-Dichlorobenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	M3, U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	M3, V1, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	M3, U
Total Xylenes	ND	3.0	ug/L	032511 1606	032511 1606	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*104%*	*93-109*	*032511 1606*	*032511 1606*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*121%*	*82.8-120*	*032511 1606*	*032511 1606*		*EPA 8260B*	*S1*

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-10 (-31)

11C1255-34 (Ground Water) Sampled: 03/22/2011 13:40; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: Toluene-d8		*99.6%*	*86.4-116*	*032511 1606*	*032511 1606*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*122%*	*78.7-123*	*032511 1606*	*032511 1606*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**290**	0.0	umhos/cm	032211 1340	032211 1340	LBG	EPA 120.1	
pH	**6.56**	1.00	pH Units	032211 1340	032211 1340	LBG	SM (20) 4500-H B	
Temperature	**14.8**	0.100	°C	032211 1340	032211 1340	LBG	SM (20) 2550 B	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-14 (-33)

11C1255-35 (Ground Water) Sampled: 03/22/2011 12:19; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**32**	1.0	mg CaCO3/L	040411 1213	040411 1245	BMC	SM (20) 2320B	
Chloride	**20**	1.0	mg/L	040411 1045	040411 1203	BMC	SM (20) 4500Cl-C	
COD, Total	**24**	10	mg/L	032811 1400	032911 1438	LCR	EPA410.4/HACH8000	
Ammonia as N	**0.12**	0.10	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	032311 1205	032311 1205	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	U
Sulfate as SO4	**42**	5.0	mg/L	033111 1145	040111 1356	LCR	ASTM D516-02	D
Total Dissolved Solids	**220**	10	mg/L	032411 0800	032411 0804	LCR	SM (20) 2540 C	D
Turbidity	**140**	0.10	NTU	032311 0946	032311 1453	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1507	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**46**	0.17	mg/L	032511 1207	032911 1714	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	U
Arsenic	**0.00090**	0.0020	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	J
Barium	**0.073**	0.0050	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	
Beryllium	**0.00021**	0.0010	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	J
Calcium	**11**	0.050	mg/L	032511 1207	032911 1714	APS	EPA 200.7/6010B	
Cadmium	ND	0.00050	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	U
Cobalt	ND	0.0050	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	U
Chromium	**0.0011**	0.0020	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	J
Copper	ND	0.0010	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	U
Iron	**53**	0.0050	mg/L	032511 1207	032911 1714	APS	EPA 200.7/6010B	B
Potassium	**1.2**	0.010	mg/L	032511 1207	032911 1714	APS	EPA 200.7/6010B	
Magnesium	**4.4**	0.010	mg/L	032511 1207	032911 1714	APS	EPA 200.7/6010B	
Manganese	**2.5**	0.010	mg/L	032511 1213	032811 1722	PBK	EPA 200.8/6020	D

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GL-14 (-33)

11C1255-35 (Ground Water) Sampled: 03/22/2011 12:19; Type: Grab

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**8.7**	1.0	mg/L	032511 1207	032911 1714	APS	EPA 200.7/6010B	
Nickel	ND	0.0050	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	U
Lead	ND	0.0010	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	U
Antimony	**0.0019**	0.0050	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	J
Selenium	ND	0.0050	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	U
Thallium	ND	0.0010	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	U
Vanadium	**0.00061**	0.0050	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	J
Zinc	**0.0032**	0.0050	mg/L	032511 1213	032811 1420	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	M10, U
Acrolein	ND	10	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	M3, U
Iodomethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	M3, U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	M10, V6, U
Benzene	**2.7**	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	V1, U
Trichloroethene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	V1, U
1,2-Dibromoethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Ethylbenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	V1, U
Propylbenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	M10, U
1,3-Dichlorobenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	M3, U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	M3, V1, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	M3, U
Total Xylenes	ND	3.0	ug/L	032511 1636	032511 1636	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*107%*	*93-109*	*032511 1636*	*032511 1636*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*123%*	*82.8-120*	*032511 1636*	*032511 1636*		*EPA 8260B*	*S1*

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11C1255-35 (Ground Water) Sampled: 03/22/2011 12:19; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: Toluene-d8		*98.9%*	*86.4-116*	*032511 1636*	*032511 1636*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*125%*	*78.7-123*	*032511 1636*	*032511 1636*		*EPA 8260B*	*S1*
Field Sampling/Testing								
Conductivity	**290**	0.0	umhos/cm	032211 1219	032211 1219	LBG	EPA 120.1	
pH	**6.59**	1.00	pH Units	032211 1219	032211 1219	LBG	SM (20) 4500-H B	
Temperature	**14.1**	0.100	°C	032211 1219	032211 1219	LBG	SM (20) 2550 B	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-14 (+1)

11C1255-36 (Ground Water) Sampled: 03/22/2011 11:18; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**12**	1.0	mg CaCO3/L	040411 1213	040411 1245	BMC	SM (20) 2320B	
Chloride	**8.0**	1.0	mg/L	040411 1045	040411 1203	BMC	SM (20) 4500Cl-C	
COD, Total	ND	10	mg/L	032811 1400	032911 1440	LCR	EPA410.4/HACH8000	U
Ammonia as N	**0.28**	0.10	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	032311 1205	032311 1205	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	U
Sulfate as SO4	**33**	2.0	mg/L	033011 1055	033011 1351	LCR	ASTM D516-02	D
Total Dissolved Solids	**64**	10	mg/L	032411 0800	032411 0804	LCR	SM (20) 2540 C	D
Turbidity	**6.0**	0.10	NTU	032311 0946	032311 1453	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1509	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**42**	0.17	mg/L	032511 1207	032911 1718	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	U
Arsenic	ND	0.0020	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	U
Barium	**0.019**	0.0050	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	U
Calcium	**13**	0.050	mg/L	032511 1207	032911 1718	APS	EPA 200.7/6010B	
Cadmium	ND	0.00050	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	U
Cobalt	**0.0019**	0.0050	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	J
Chromium	**0.0019**	0.0020	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	J
Copper	ND	0.0010	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	U
Iron	**3.5**	0.0050	mg/L	032511 1207	032911 1718	APS	EPA 200.7/6010B	B
Potassium	**0.80**	0.010	mg/L	032511 1207	032911 1718	APS	EPA 200.7/6010B	
Magnesium	**2.4**	0.010	mg/L	032511 1207	032911 1718	APS	EPA 200.7/6010B	
Manganese	**0.14**	0.0010	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-14 (+1)

11C1255-36 (Ground Water) Sampled: 03/22/2011 11:18; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**4.5**	1.0	mg/L	032511 1207	032911 1718	APS	EPA 200.7/6010B	
Nickel	**0.0020**	0.0050	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	J
Lead	ND	0.0010	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	U
Antimony	**0.00084**	0.0050	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	J
Selenium	**0.00054**	0.0050	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	U
Zinc	**0.0054**	0.0050	mg/L	032511 1213	032811 1425	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	V1, U
Vinyl chloride	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	V6, U
Chloroethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	M10, U
Acrolein	ND	10	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	M3, U
Iodomethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-14 (+1)

11C1255-36 (Ground Water) Sampled: 03/22/2011 11:18; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	M3, U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	M10, V6, U
Benzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	V1, U
Trichloroethene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	V1, U
Dibromomethane	ND	2.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	V1, U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	V1, U
1,2-Dibromoethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-14 (+1)

11C1255-36 (Ground Water) Sampled: 03/22/2011 11:18; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	V1, U
Propylbenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	M10, U
1,3-Dichlorobenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	V1, U
Butylbenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	M3, U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	M3, V1, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	M3, U
Total Xylenes	ND	3.0	ug/L	032511 1707	032511 1707	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*104%*	*93-109*	*032511 1707*	*032511 1707*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*125%*	*82.8-120*	*032511 1707*	*032511 1707*		*EPA 8260B*	*S1*
Surrogate: Toluene-d8		*99.6%*	*86.4-116*	*032511 1707*	*032511 1707*		*EPA 8260B*	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-14 (+1)

11C1255-36 (Ground Water) Sampled: 03/22/2011 11:18; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*126%*	*78.7-123*	*032511 1707*	*032511 1707*		*EPA 8260B*	*S1*
Field Sampling/Testing								
Conductivity	**130**	0.0	umhos/cm	032211 1118	032211 1118	LBG	EPA 120.1	
pH	**5.40**	1.00	pH Units	032211 1118	032211 1118	LBG	SM (20) 4500-H B	
Temperature	**8.90**	0.100	°C	032211 1118	032211 1118	LBG	SM (20) 2550 B	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-13 (+1)

11C1255-37 (Ground Water) Sampled: 03/22/2011 10:27; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**250**	4.0	mg CaCO3/L	040411 1213	040411 1245	BMC	SM (20) 2320B	D
Chloride	**17**	1.0	mg/L	040411 1045	040411 1203	BMC	SM (20) 4500Cl-C	
COD, Total	ND	10	mg/L	032811 1400	032911 1442	LCR	EPA410.4/HACH8000	U
Ammonia as N	**0.096**	0.10	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	J
Nitrite as N	ND	0.012	mg/L	032311 1205	032311 1205	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	U
Sulfate as SO4	**200**	10	mg/L	033011 1055	033011 1351	LCR	ASTM D516-02	D
Total Dissolved Solids	**520**	10	mg/L	032411 0800	032411 0804	LCR	SM (20) 2540 C	D
Turbidity	**3.4**	0.10	NTU	032311 0946	032311 1453	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1511	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**240**	0.17	mg/L	032511 1207	032911 1721	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	U
Arsenic	ND	0.0020	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	U
Barium	**0.026**	0.0050	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	U
Calcium	**74**	0.050	mg/L	032511 1207	032911 1721	APS	EPA 200.7/6010B	
Cadmium	ND	0.00050	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	U
Cobalt	**0.00067**	0.0050	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	J
Chromium	**0.0018**	0.0020	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	J
Copper	**0.0015**	0.0010	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	
Iron	**0.12**	0.0050	mg/L	032511 1207	032911 1721	APS	EPA 200.7/6010B	B1, B
Potassium	**7.6**	0.010	mg/L	032511 1207	032911 1721	APS	EPA 200.7/6010B	
Magnesium	**13**	0.010	mg/L	032511 1207	032911 1721	APS	EPA 200.7/6010B	
Manganese	**0.018**	0.0010	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-13 (+1)

11C1255-37 (Ground Water) Sampled: 03/22/2011 10:27; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**83**	1.0	mg/L	032511 1207	032911 1721	APS	EPA 200.7/6010B	
Nickel	**0.0041**	0.0050	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	J
Lead	ND	0.0010	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	U
Antimony	**0.00072**	0.0050	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	J
Selenium	**0.00051**	0.0050	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	U
Vanadium	**0.0017**	0.0050	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	J
Zinc	**0.0033**	0.0050	mg/L	032511 1213	032811 1430	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	V6, U
Vinyl chloride	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Chloroethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	L3, U
Acrolein	ND	10	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Acetone	ND	25	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U

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Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-13 (+1)

11C1255-37 (Ground Water) Sampled: 03/22/2011 10:27; Type: Grab

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	V6, U
Benzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	V1, U
Trichloroethene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Toluene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U

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GL-13 (+1)

11C1255-37 (Ground Water) Sampled: 03/22/2011 10:27; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Styrene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Naphthalene	**0.33**	1.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	V6, J
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	L2, U
Total Xylenes	ND	3.0	ug/L	032811 1053	032811 1053	mbh	EPA 8260B	U
Surrogate: Dibromofluoromethane		*110%*	*90.8-116*	*032811 1053*	*032811 1053*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*120%*	*77.8-136*	*032811 1053*	*032811 1053*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.8%*	*87.5-113*	*032811 1053*	*032811 1053*		*EPA 8260B*	

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GL-13 (+1)

11C1255-37 (Ground Water) Sampled: 03/22/2011 10:27; Type: Grab

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*119%*	*80.8-127*	*032811 1053*	*032811 1053*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**850**	0.0	umhos/cm	032211 1027	032211 1027	LBG	EPA 120.1	
pH	**6.40**	1.00	pH Units	032211 1027	032211 1027	LBG	SM (20) 4500-H B	
Temperature	**8.90**	0.100	°C	032211 1027	032211 1027	LBG	SM (20) 2550 B	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-13 (-26)

11C1255-38 (Ground Water) Sampled: 03/22/2011 09:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	ND	1.0	mg CaCO3/L	040411 1213	040411 1245	BMC	SM (20) 2320B	U
Chloride	**140**	5.0	mg/L	040411 1045	040411 1203	BMC	SM (20) 4500Cl-C	D
COD, Total	**160**	20	mg/L	032811 1400	032911 1444	LCR	EPA410.4/HACH8000	D
Ammonia as N	**7.4**	1.0	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	D
Nitrite as N	ND	0.012	mg/L	032311 1205	032311 1205	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032311 1546	032311 1546	VAS	EPA 353.2	U
Sulfate as SO4	**1500**	50	mg/L	033111 1145	040111 1356	LCR	ASTM D516-02	D
Total Dissolved Solids	**2600**	40	mg/L	032411 0800	032411 0805	LCR	SM (20) 2540 C	D
Turbidity	**110**	0.10	NTU	032311 0946	032311 1453	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1518	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**410**	1.7	mg/L	032511 1207	032911 1726	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	U
Arsenic	ND	0.0020	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	U
Barium	**0.062**	0.0050	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	
Beryllium	**0.00036**	0.0010	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	J
Calcium	**48**	0.50	mg/L	032511 1207	032911 1726	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	U
Cobalt	ND	0.0050	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	U
Chromium	**0.0014**	0.0020	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	J
Copper	**0.0015**	0.0010	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	
Iron	**690**	0.050	mg/L	032511 1207	032911 1726	APS	EPA 200.7/6010B	D, B
Potassium	**1.8**	0.10	mg/L	032511 1207	032911 1726	APS	EPA 200.7/6010B	D
Magnesium	**69**	0.10	mg/L	032511 1207	032911 1726	APS	EPA 200.7/6010B	D
Manganese	**71**	0.20	mg/L	032511 1213	032811 1727	PBK	EPA 200.8/6020	D

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GL-13 (-26)

11C1255-38 (Ground Water) Sampled: 03/22/2011 09:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**34**	10	mg/L	032511 1207	032911 1726	APS	EPA 200.7/6010B	D
Nickel	**0.0073**	0.0050	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	U
Antimony	**0.00047**	0.0050	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	J
Selenium	**0.0017**	0.0050	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	U
Zinc	**0.0013**	0.0050	mg/L	032511 1213	032811 1435	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	V6, U
Vinyl chloride	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Chloroethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	L3, U
Acrolein	ND	10	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Acetone	ND	25	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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11C1255-38 (Ground Water) Sampled: 03/22/2011 09:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	V6, U
Benzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	V1, U
Trichloroethene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Toluene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-13 (-26)

11C1255-38 (Ground Water) Sampled: 03/22/2011 09:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Styrene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	V6, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	L2, U
Total Xylenes	ND	3.0	ug/L	032811 1123	032811 1123	mbh	EPA 8260B	U
Surrogate: Dibromofluoromethane		*110%*	*90.8-116*	*032811 1123*	*032811 1123*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*122%*	*77.8-136*	*032811 1123*	*032811 1123*		*EPA 8260B*	
Surrogate: Toluene-d8		*98.2%*	*87.5-113*	*032811 1123*	*032811 1123*		*EPA 8260B*	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-13 (-26)

11C1255-38 (Ground Water) Sampled: 03/22/2011 09:35; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*117%*	*80.8-127*	*032811 1123*	*032811 1123*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**1700**	0.0	umhos/cm	032211 0935	032211 0935	LBG	EPA 120.1	
pH	**6.37**	1.00	pH Units	032211 0935	032211 0935	LBG	SM (20) 4500-H B	
Temperature	**13.3**	0.100	°C	032211 0935	032211 0935	LBG	SM (20) 2550 B	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-11 (-1)

11C1255-39 (Ground Water) Sampled: 03/23/2011 10:26; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**4.0**	1.0	mg CaCO3/L	040411 1213	040411 1245	BMC	SM (20) 2320B	
Chloride	**87**	2.0	mg/L	041211 1038	041311 1629	BMC	SM (20) 4500Cl-C	D
COD, Total	**12**	10	mg/L	032811 1400	032911 1446	LCR	EPA410.4/HACH8000	
Ammonia as N	**0.37**	0.10	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	032411 0737	032411 0737	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	U
Sulfate as SO4	**160**	5.0	mg/L	033011 1055	033011 1351	LCR	ASTM D516-02	D
Total Dissolved Solids	**370**	10	mg/L	032411 0800	032411 0805	LCR	SM (20) 2540 C	D
Turbidity	**14**	0.10	NTU	032411 1106	032411 1158	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1520	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**150**	0.17	mg/L	032511 1207	032911 1730	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	U
Arsenic	**0.00091**	0.0020	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	J
Barium	**0.022**	0.0050	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	
Beryllium	**0.0036**	0.0010	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	
Calcium	**12**	0.050	mg/L	032511 1207	032911 1730	APS	EPA 200.7/6010B	
Cadmium	**0.0014**	0.00050	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	
Cobalt	**0.11**	0.0050	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	
Chromium	**0.0024**	0.0020	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	
Copper	**0.0018**	0.0010	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	
Iron	**3.4**	0.0050	mg/L	032511 1207	032911 1730	APS	EPA 200.7/6010B	B
Potassium	**0.46**	0.010	mg/L	032511 1207	032911 1730	APS	EPA 200.7/6010B	
Magnesium	**30**	0.010	mg/L	032511 1207	032911 1730	APS	EPA 200.7/6010B	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-11 (-1)

11C1255-39 (Ground Water) Sampled: 03/23/2011 10:26; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Manganese	**0.31**	0.0010	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	
Sodium	**60**	1.0	mg/L	032511 1207	032911 1730	APS	EPA 200.7/6010B	
Nickel	**0.20**	0.0050	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	
Lead	**0.0017**	0.0010	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	
Antimony	**0.00065**	0.0050	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	J
Selenium	**0.0022**	0.0050	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	U
Zinc	**0.35**	0.0050	mg/L	032511 1213	032811 1440	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	V6, U
Vinyl chloride	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Chloroethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	L3, U
Acrolein	ND	10	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Acetone	ND	25	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-11 (-1)

11C1255-39 (Ground Water) Sampled: 03/23/2011 10:26; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2,2-Dichloropropane	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	V6, U
Benzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	V1, U
Trichloroethene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Toluene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U

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GL-11 (-1)

11C1255-39 (Ground Water) Sampled: 03/23/2011 10:26; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Ethylbenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Styrene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	V6, U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	L2, U
Total Xylenes	ND	3.0	ug/L	032811 1154	032811 1154	mbh	EPA 8260B	U
Surrogate: Dibromofluoromethane		*110%*	*90.8-116*	*032811 1154*	*032811 1154*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*122%*	*77.8-136*	*032811 1154*	*032811 1154*		*EPA 8260B*	

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-11 (-1)

11C1255-39 (Ground Water) Sampled: 03/23/2011 10:26; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: Toluene-d8		*98.5%*	*87.5-113*	*032811 1154*	*032811 1154*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*118%*	*80.8-127*	*032811 1154*	*032811 1154*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**650**	0.0	umhos/cm	032311 1026	032311 1026	LBG	EPA 120.1	
pH	**4.58**	1.00	pH Units	032311 1026	032311 1026	LBG	SM (20) 4500-H B	
Temperature	**12.2**	0.100	°C	032311 1026	032311 1026	LBG	SM (20) 2550 B	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-36)

11C1255-40 (Ground Water) Sampled: 03/23/2011 13:36; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Chloride	**2200**	50	mg/L	041211 1038	041311 1629	BMC	SM (20) 4500Cl-C	D
COD, Total	**170**	20	mg/L	032811 1400	032911 1448	LCR	EPA410.4/HACH8000	D
Ammonia as N	**4.4**	0.10	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	032411 0737	032411 0737	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	U
Sulfate as SO4	**140**	10	mg/L	033111 1145	040111 1356	LCR	ASTM D516-02	D
Total Dissolved Solids	**2400**	40	mg/L	032411 0800	032411 0805	LCR	SM (20) 2540 C	D
Turbidity	**200**	0.10	NTU	032411 1106	032411 1158	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1522	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**530**	0.83	mg/L	032511 1207	032911 1741	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	U
Arsenic	**0.0024**	0.0020	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	
Barium	**0.52**	0.0050	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	U
Calcium	**56**	0.25	mg/L	032511 1207	032911 1741	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	U
Cobalt	**0.0076**	0.0050	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	
Chromium	**0.0012**	0.0020	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	J
Copper	ND	0.0010	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	U
Iron	**190**	0.025	mg/L	032511 1207	032911 1741	APS	EPA 200.7/6010B	D, B
Potassium	**5.2**	0.050	mg/L	032511 1207	032911 1741	APS	EPA 200.7/6010B	D
Magnesium	**95**	0.050	mg/L	032511 1207	032911 1741	APS	EPA 200.7/6010B	D
Manganese	**8.5**	0.020	mg/L	032511 1213	032811 1733	PBK	EPA 200.8/6020	D
Sodium	**590**	10	mg/L	032511 1207	033011 1050	APS	EPA 200.7/6010B	D

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-36)

11C1255-40 (Ground Water) Sampled: 03/23/2011 13:36; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Nickel	**0.012**	0.0050	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	U
Antimony	**0.00050**	0.0050	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	J
Selenium	**0.0064**	0.0050	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	
Thallium	ND	0.0010	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	U
Vanadium	ND	0.0050	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	U
Zinc	**0.0011**	0.0050	mg/L	032511 1213	032811 1445	PBK	EPA 200.8/6020	J
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	V6, U
Vinyl chloride	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Chloroethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	L3, U
Acrolein	ND	10	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Acetone	ND	25	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U

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Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-36)

11C1255-40 (Ground Water) Sampled: 03/23/2011 13:36; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2-Butanone (MEK)	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Chloroform	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	V6, U
Benzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	V1, U
Trichloroethene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	V6, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Toluene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-36)

11C1255-40 (Ground Water) Sampled: 03/23/2011 13:36; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
o-Xylene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Styrene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Bromoform	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Bromobenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
sec-Butylbenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,3-Dichlorobenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Naphthalene	**0.36**	1.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	V6, J
1,2,3-Trichlorobenzene	ND	5.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	L2, U
Total Xylenes	ND	3.0	ug/L	032811 1225	032811 1225	mbh	EPA 8260B	U
Surrogate: Dibromofluoromethane		*109%*	*90.8-116*	*032811 1225*	*032811 1225*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*125%*	*77.8-136*	*032811 1225*	*032811 1225*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.6%*	*87.5-113*	*032811 1225*	*032811 1225*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*118%*	*80.8-127*	*032811 1225*	*032811 1225*		*EPA 8260B*	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-36)

11C1255-40 (Ground Water) Sampled: 03/23/2011 13:36; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
N-Nitrosodimethylamine	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Pyridine	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Pentachloroethane	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Aniline	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Bis(2-Chloroethyl)ether	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Phenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2-Chlorophenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
1,3-Dichlorobenzene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
1,4-Dichlorobenzene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
1,2-Dichlorobenzene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Bis(2-chloroisopropyl)ether	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2-Methylphenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Hexachloroethane	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
4-Methylphenol, 3-Methylphenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Nitrobenzene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Isophorone	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2-Nitrophenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2,4-Dimethylphenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
bis(2-Chloroethoxy)methane	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2,4-Dichlorophenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
1,2,4-Trichlorobenzene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Naphthalene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Hexachlorobutadiene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
4-Chloro-3-methylphenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2-Methylnaphthalene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Hexachlorocyclopentadiene	ND	13	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2,4,6-Trichlorophenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2,4,5-Trichlorophenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2-Chloronaphthalene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Acenaphthylene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Dimethylphthalate	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-36)

11C1255-40 (Ground Water) Sampled: 03/23/2011 13:36; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2,6-Dinitrotoluene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Acenaphthene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2,4-Dinitrophenol	ND	13	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Dibenzofuran	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
2,4-Dinitrotoluene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
4-Nitrophenol	ND	13	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Fluorene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
4-Chlorophenyl-phenylether	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Diethylphthalate	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
4,6-Dinitro-2-methylphenol	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
4-Bromophenyl-phenylether	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Hexachlorobenzene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Pentachlorophenol	ND	13	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Phenanthrene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Anthracene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Di-n-butylphthalate	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Fluoranthene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Pyrene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Butylbenzylphthalate	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
3,3´-Dichlorobenzidine	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Benz(a)anthracene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Chrysene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Bis(2-Ethylhexyl)phthalate	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Di-n-octylphthalate	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Benzo[b]fluoranthene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Benzo[k]fluoranthene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Benzo[a]pyrene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Indeno[1,2,3-cd]pyrene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Dibenz[a,h]anthracene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D
Benzo[g,h,i]perylene	ND	6.3	ug/L	032411 0630	032411 1641	RCS	EPA 8270C	U, D

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-36)

11C1255-40 (Ground Water) Sampled: 03/23/2011 13:36; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Acid and Base/Neutral Extractables by EPA Method 8270C								
Surrogate: 2-Fluorophenol		*41.2%*	*0.974-78.2*	*032411 0630*	*032411 1641*		*EPA 8270C*	
Surrogate: Phenol-d5		*30.2%*	*0-57.5*	*032411 0630*	*032411 1641*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*59.9%*	*15.3-131*	*032411 0630*	*032411 1641*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*60.7%*	*3.75-142*	*032411 0630*	*032411 1641*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*62.7%*	*12.5-139*	*032411 0630*	*032411 1641*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*62.0%*	*16.6-136*	*032411 0630*	*032411 1641*		*EPA 8270C*	
Field Sampling/Testing								
Conductivity	**3800**	0.0	umhos/cm	032311 1336	032311 1336	LBG	EPA 120.1	
pH	**6.31**	1.00	pH Units	032311 1336	032311 1336	LBG	SM (20) 4500-H B	
Temperature	**13.7**	0.100	°C	032311 1336	032311 1336	LBG	SM (20) 2550 B	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-3)

11C1255-41 (Ground Water) Sampled: 03/23/2011 14:27; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Chloride	**310**	5.0	mg/L	041211 1038	041311 1629	BMC	SM (20) 4500Cl-C	D
COD, Total	**200**	20	mg/L	032811 1400	032911 1450	LCR	EPA410.4/HACH8000	D
Ammonia as N	**23**	1.0	mg/L	032411 1015	032411 1420	VAS	SM(20)4500NH3-G	D
Nitrite as N	ND	0.012	mg/L	032411 0737	032411 0737	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	032811 0951	032811 0951	VAS	EPA 353.2	U
Sulfate as SO4	**410**	25	mg/L	033011 1055	033011 1351	LCR	ASTM D516-02	D
Total Dissolved Solids	**1200**	20	mg/L	032411 0800	032411 0805	LCR	SM (20) 2540 C	D
Turbidity	**1.8**	0.10	NTU	032411 1106	032411 1158	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	032511 1043	032511 1525	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**400**	0.83	mg/L	032511 1207	032911 1745	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	U
Arsenic	**0.0086**	0.0020	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	
Barium	**0.036**	0.0050	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	U
Calcium	**160**	0.25	mg/L	032511 1207	032911 1745	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	U
Cobalt	**0.0011**	0.0050	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	J
Chromium	**0.0011**	0.0020	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	J
Copper	**0.00045**	0.0010	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	J
Iron	**0.12**	0.025	mg/L	032511 1207	032911 1745	APS	EPA 200.7/6010B	B1, D, B
Potassium	**66**	0.050	mg/L	032511 1207	032911 1745	APS	EPA 200.7/6010B	D
Magnesium	**0.085**	0.050	mg/L	032511 1207	032911 1745	APS	EPA 200.7/6010B	D
Manganese	**0.00075**	0.0010	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	J
Sodium	**180**	5.0	mg/L	032511 1207	032911 1745	APS	EPA 200.7/6010B	D

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-3)

11C1255-41 (Ground Water) Sampled: 03/23/2011 14:27; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Nickel	**0.011**	0.0050	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	U
Antimony	**0.00075**	0.0050	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	J
Selenium	**0.0039**	0.0050	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	U
Vanadium	**0.026**	0.0050	mg/L	032511 1213	033011 1453	PBK	EPA 200.8/6020	
Zinc	ND	0.0050	mg/L	032511 1213	032811 1450	PBK	EPA 200.8/6020	U
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Chloromethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Vinyl chloride	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Bromomethane	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	R2, U, D
Chloroethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Trichlorofluoromethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Acrolein	ND	500	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,1-Dichloroethene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Acetone	ND	1200	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Iodomethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Carbon disulfide	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Allyl Chloride (3-Chloropropylene)	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Acetonitrile	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Methylene Chloride	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Methyl-tert-Butyl Ether	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
trans-1,2-Dichloroethene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Acrylonitrile	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,1-Dichloroethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Chloroprene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
2,2-Dichloropropane	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
cis-1,2-Dichloroethene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-3)

11C1255-41 (Ground Water) Sampled: 03/23/2011 14:27; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2-Butanone (MEK)	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Propionitrile (Ethyl Cyanide)	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Methacrylonitrile	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Chloroform	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Bromochloromethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,1,1-Trichloroethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,1-Dichloropropene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Carbon Tetrachloride	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Benzene	**190**	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	D
1,2-Dichloroethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Trichloroethene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,2-Dichloropropane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Bromodichloromethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Methyl Methacrylate	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Dibromomethane	ND	100	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
2-Chloroethyl Vinyl Ether	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	V1, U, D
Methyl Isobutyl Ketone	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
cis-1,3-Dichloropropene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Toluene	**600**	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	D
trans-1,3-Dichloropropene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Ethyl Methacrylate	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,1,2-Trichloroethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
2-Hexanone (MBK)	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,2-Dibromoethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Tetrachloroethene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,3-Dichloropropane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Dibromochloromethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Chlorobenzene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,1,1,2-Tetrachloroethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Ethylbenzene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D

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GL-08 (-3)

11C1255-41 (Ground Water) Sampled: 03/23/2011 14:27; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	**110**	100	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	D
o-Xylene	**46**	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	J, D
Styrene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Bromoform	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Isopropylbenzene (Cumene)	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,1,2,2-Tetrachloroethane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,2,3-Trichloropropane	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Bromobenzene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Propylbenzene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
2-Chlorotoluene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,3,5-Trimethylbenzene	**18**	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	J, D
4-Chlorotoluene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
tert-Butylbenzene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,2,4-Trimethylbenzene	**36**	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	L2, J, D
sec-Butylbenzene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
4-Isopropyltoluene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,3-Dichlorobenzene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,4-Dichlorobenzene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
trans-1,4-Dichloro-2-butene	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Butylbenzene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,2-Dichlorobenzene	ND	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,2-Dibromo-3-chloropropane	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
1,2,4-Trichlorobenzene	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Hexachlorobutadiene	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Naphthalene	**4300**	50	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	D
1,2,3-Trichlorobenzene	ND	250	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	U, D
Total Xylenes	**150**	150	ug/L	040411 1917	040411 1917	mbh	EPA 8260B	D
Surrogate: Dibromofluoromethane		*102%*	*90.8-116*	*040411 1917*	*040411 1917*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*102%*	*77.8-136*	*040411 1917*	*040411 1917*		*EPA 8260B*	

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-3)

11C1255-41 (Ground Water) Sampled: 03/23/2011 14:27; Type: Grab

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: Toluene-d8		*99.4%*	*87.5-113*	*040411 1917*	*040411 1917*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*101%*	*80.8-127*	*040411 1917*	*040411 1917*		*EPA 8260B*	
Acid and Base/Neutral Extractables by EPA Method 8270C								
N-Nitrosodimethylamine	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Pyridine	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Pentachloroethane	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Aniline	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Bis(2-Chloroethyl)ether	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Phenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2-Chlorophenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
1,3-Dichlorobenzene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
1,4-Dichlorobenzene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
1,2-Dichlorobenzene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Bis(2-chloroisopropyl)ether	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2-Methylphenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Hexachloroethane	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
4-Methylphenol, 3-Methylphenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Nitrobenzene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Isophorone	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2-Nitrophenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2,4-Dimethylphenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
bis(2-Chloroethoxy)methane	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2,4-Dichlorophenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
1,2,4-Trichlorobenzene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Naphthalene	**2100**	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	D
Hexachlorobutadiene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
4-Chloro-3-methylphenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2-Methylnaphthalene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Hexachlorocyclopentadiene	ND	560	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-3)

11C1255-41 (Ground Water) Sampled: 03/23/2011 14:27; Type: Grab

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Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
2,4,6-Trichlorophenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2,4,5-Trichlorophenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2-Chloronaphthalene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Acenaphthylene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Dimethylphthalate	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2,6-Dinitrotoluene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Acenaphthene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2,4-Dinitrophenol	ND	560	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Dibenzofuran	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
2,4-Dinitrotoluene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
4-Nitrophenol	ND	560	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Fluorene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
4-Chlorophenyl-phenylether	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Diethylphthalate	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
4,6-Dinitro-2-methylphenol	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
4-Bromophenyl-phenylether	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Hexachlorobenzene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Pentachlorophenol	ND	560	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Phenanthrene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Anthracene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Di-n-butylphthalate	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Fluoranthene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Pyrene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Butylbenzylphthalate	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
3,3´-Dichlorobenzidine	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Benz(a)anthracene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Chrysene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Bis(2-Ethylhexyl)phthalate	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Di-n-octylphthalate	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Benzo[b]fluoranthene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Benzo[k]fluoranthene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08 (-3)

11C1255-41 (Ground Water) Sampled: 03/23/2011 14:27; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Acid and Base/Neutral Extractables by EPA Method 8270C								
Benzo[a]pyrene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Indeno[1,2,3-cd]pyrene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Dibenz[a,h]anthracene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Benzo[g,h,i]perylene	ND	280	ug/L	032411 0630	032411 1935	RCS	EPA 8270C	U, D
Surrogate: 2-Fluorophenol		*35.3%*	*0.974-78.2*	*032411 0630*	*032411 1935*		*EPA 8270C*	
Surrogate: Phenol-d5		*23.3%*	*0-57.5*	*032411 0630*	*032411 1935*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*56.0%*	*15.3-131*	*032411 0630*	*032411 1935*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*57.0%*	*3.75-142*	*032411 0630*	*032411 1935*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*43.3%*	*12.5-139*	*032411 0630*	*032411 1935*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*54.0%*	*16.6-136*	*032411 0630*	*032411 1935*		*EPA 8270C*	
Field Sampling/Testing								
Conductivity	**250**	0.0	umhos/cm	032311 1427	032311 1427	LBG	EPA 120.1	
pH	**11.3**	1.00	pH Units	032311 1427	032311 1427	LBG	SM (20) 4500-H B	
Temperature	**10.7**	0.100	°C	032311 1427	032311 1427	LBG	SM (20) 2550 B	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-17) Dissolved

11C1255-42 (Ground Water) Sampled: 03/21/2011 14:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Filtration (0.45 um filter)	**COMPLETED**		mg/L	033011 1157	033011 1157	EDP	MLI_0.45um	
Mercury, Dissolved by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040111 1414	040411 1659	APS	EPA 245.1	
Metals, Dissolved by EPA 200 Series Methods								
Silver	ND	0.010	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Arsenic	ND	0.0020	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Barium	**0.12**	0.010	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Beryllium	ND	0.0020	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Calcium	**19**	0.50	mg/L	033011 1223	040111 1422	APS	EPA 200.7/6010B	
Cadmium	ND	0.0040	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Chromium	ND	0.10	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Copper	ND	0.010	mg/L	033011 1225	033111 1718	PBK	EPA 200.8/6020	
Iron	**57**	0.050	mg/L	033011 1223	040111 1422	APS	EPA 200.7/6010B	
Potassium	**2.9**	0.39	mg/L	033011 1223	040111 1422	APS	EPA 200.7/6010B	
Magnesium	**20**	0.10	mg/L	033011 1223	040111 1422	APS	EPA 200.7/6010B	
Manganese	**2.7**	0.050	mg/L	033011 1225	033111 1738	PBK	EPA 200.8/6020	
Sodium	**110**	10	mg/L	033011 1223	040111 1422	APS	EPA 200.7/6010B	
Nickel	ND	0.011	mg/L	033011 1225	033111 1718	PBK	EPA 200.8/6020	
Lead	ND	0.0020	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Selenium	ND	0.035	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Thallium	ND	0.0020	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Vanadium	ND	0.010	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	
Zinc	ND	0.010	mg/L	033011 1225	033111 1443	PBK	EPA 200.8/6020	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-17) Dissolved

11C1255-42 (Ground Water) Sampled: 03/21/2011 14:40; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Field Sampling/Testing								
Conductivity	**650**	0.0	umhos/cm	032111 1440	032111 1440	LBG	EPA 120.1	
pH	**3.86**	1.00	pH Units	032111 1440	032111 1440	LBG	SM (20) 4500-H B	
Temperature	**12.8**	0.100	°C	032111 1440	032111 1440	LBG	SM (20) 2550 B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-12 (-3) Dissolved

11C1255-43 (Ground Water) Sampled: 03/21/2011 13:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Filtration (0.45 um filter)	**COMPLETED**		mg/L	033011 1157	033011 1157	EDP	MLI_0.45um	
Mercury, Dissolved by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040111 1414	040411 1701	APS	EPA 245.1	
Metals, Dissolved by EPA 200 Series Methods								
Silver	ND	0.010	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	
Arsenic	ND	0.0020	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	
Barium	**0.21**	0.010	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	
Beryllium	**0.0061**	0.0020	mg/L	033011 1225	033111 1723	PBK	EPA 200.8/6020	
Calcium	**26**	0.080	mg/L	033011 1223	040111 1425	APS	EPA 200.7/6010B	
Cadmium	ND	0.0040	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	
Chromium	ND	0.10	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	
Copper	ND	0.010	mg/L	033011 1225	033111 1723	PBK	EPA 200.8/6020	
Iron	ND	0.0050	mg/L	033011 1223	040111 1425	APS	EPA 200.7/6010B	
Potassium	**1.4**	0.39	mg/L	033011 1223	040111 1425	APS	EPA 200.7/6010B	
Magnesium	**37**	0.010	mg/L	033011 1223	040111 1425	APS	EPA 200.7/6010B	
Manganese	**0.52**	0.010	mg/L	033011 1225	033111 1723	PBK	EPA 200.8/6020	
Sodium	**58**	1.0	mg/L	033011 1223	040111 1425	APS	EPA 200.7/6010B	
Nickel	**0.24**	0.011	mg/L	033011 1225	033111 1723	PBK	EPA 200.8/6020	
Lead	ND	0.0020	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	
Selenium	ND	0.035	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	
Thallium	ND	0.0020	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	
Vanadium	ND	0.010	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	
Zinc	**0.35**	0.010	mg/L	033011 1225	033111 1448	PBK	EPA 200.8/6020	

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GL-12 (-3) Dissolved

11C1255-43 (Ground Water) Sampled: 03/21/2011 13:40; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Field Sampling/Testing

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Conductivity	**720**	0.0	umhos/cm	032111 1340	032111 1340	LBG	EPA 120.1	
pH	**4.31**	1.00	pH Units	032111 1340	032111 1340	LBG	SM (20) 4500-H B	
Temperature	**11.5**	0.100	°C	032111 1340	032111 1340	LBG	SM (20) 2550 B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate

11C1255-44 (Ground Water) Sampled: 03/28/2011 00:00; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**350**	2.0	mg CaCO3/L	040711 0858	041511 1400	BMC	SM (20) 2320B	Z10a, D
Chloride	**40**	2.0	mg/L	041211 1038	041311 1629	BMC	SM (20) 4500Cl-C	D
COD, Total	**4.9**	10	mg/L	040111 1300	040411 1202	LCR	EPA410.4/HACH8000	J
Ammonia as N	**1.7**	0.10	mg/L	033111 0900	033111 1346	VAS	SM(20)4500NH3-G	
Nitrite as N	**1.3**	0.12	mg/L	032911 0731	032911 0731	VAS	EPA 353.2	D
Nitrate as N	ND	0.12	mg/L	032911 0908	032911 0908	VAS	EPA 353.2	
Nitrate/Nitrite as N	**0.095**	0.050	mg/L	032911 0908	032911 0908	VAS	EPA 353.2	
Sulfate as SO4	**120**	5.0	mg/L	033011 1055	033011 1351	LCR	ASTM D516-02	D
Total Dissolved Solids	**590**	10	mg/L	033011 0932	033011 0933	LCR	SM (20) 2540 C	D
Turbidity	**0.83**	0.10	NTU	032911 1113	032911 1427	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040111 1414	040411 1703	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**420**	0.83	mg/L	033011 1223	040111 1433	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	U
Arsenic	**0.00082**	0.0020	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	J
Barium	**0.056**	0.0050	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	
Beryllium	ND	0.0010	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	U
Calcium	**170**	0.25	mg/L	033011 1223	040111 1433	APS	EPA 200.7/6010B	D
Cadmium	ND	0.00050	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	U
Cobalt	ND	0.0050	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	U

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate

11C1255-44 (Ground Water) Sampled: 03/28/2011 00:00; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13		
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA		
ORP (mV):	161										

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Metals, Total by EPA 200/6000 Series Methods

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Chromium	**0.011**	0.0020	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	
Copper	**0.0092**	0.0010	mg/L	033011 1225	033111 1728	PBK	EPA 200.8/6020	
Iron	ND	0.025	mg/L	033011 1223	040111 1433	APS	EPA 200.7/6010B	U, D
Potassium	**10**	0.050	mg/L	033011 1223	040111 1433	APS	EPA 200.7/6010B	D
Magnesium	ND	0.050	mg/L	033011 1223	040111 1433	APS	EPA 200.7/6010B	U, D
Manganese	**0.00046**	0.0010	mg/L	033011 1225	033111 1728	PBK	EPA 200.8/6020	J
Sodium	**22**	5.0	mg/L	033011 1223	040111 1433	APS	EPA 200.7/6010B	D
Nickel	**0.011**	0.0050	mg/L	033011 1225	033111 1728	PBK	EPA 200.8/6020	
Lead	**0.072**	0.0010	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	U
Selenium	**0.0033**	0.0050	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	U
Vanadium	**0.030**	0.0050	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	
Zinc	**0.0056**	0.0050	mg/L	033011 1225	033111 1453	PBK	EPA 200.8/6020	

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Dichlorodifluoromethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Acrolein	ND	10	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,1-Dichloroethene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate

11C1255-44 (Ground Water) Sampled: 03/28/2011 00:00; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Acetone	ND	25	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Carbon disulfide	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,1-Dichloroethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Chloroprene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
cis-1,2-Dichloroethene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Benzene	**0.90**	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	J
1,2-Dichloroethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate

11C1255-44 (Ground Water) Sampled: 03/28/2011 00:00; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Bromodichloromethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Toluene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
m,p-Xylenes	ND	2.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Styrene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate

11C1255-44 (Ground Water) Sampled: 03/28/2011 00:00; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Bromobenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	L2, U
sec-Butylbenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
4-Isopropyltoluene	**0.46**	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	J
1,3-Dichlorobenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,4-Dichlorobenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Naphthalene	**2.4**	1.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Total Xylenes	ND	3.0	ug/L	040411 2057	040411 2057	mbh	EPA 8260B	U
Surrogate: Dibromofluoromethane		*101%*	*90.8-116*	*040411 2057*	*040411 2057*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*100%*	*77.8-136*	*040411 2057*	*040411 2057*		*EPA 8260B*	
Surrogate: Toluene-d8		*97.4%*	*87.5-113*	*040411 2057*	*040411 2057*		*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*100%*	*80.8-127*	*040411 2057*	*040411 2057*		*EPA 8260B*	

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11C1255-44 (Ground Water) Sampled: 03/28/2011 00:00; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
N-Nitrosodimethylamine	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Pyridine	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Pentachloroethane	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Aniline	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Bis(2-Chloroethyl)ether	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Phenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2-Chlorophenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
1,3-Dichlorobenzene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
1,4-Dichlorobenzene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
1,2-Dichlorobenzene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Bis(2-chloroisopropyl)ether	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2-Methylphenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Hexachloroethane	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
4-Methylphenol, 3-Methylphenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Nitrobenzene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Isophorone	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2-Nitrophenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2,4-Dimethylphenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
bis(2-Chloroethoxy)methane	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2,4-Dichlorophenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
1,2,4-Trichlorobenzene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Naphthalene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Hexachlorobutadiene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
4-Chloro-3-methylphenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2-Methylnaphthalene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D

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Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Hexachlorocyclopentadiene	ND	12	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2,4,6-Trichlorophenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2,4,5-Trichlorophenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2-Chloronaphthalene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Acenaphthylene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Dimethylphthalate	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2,6-Dinitrotoluene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Acenaphthene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2,4-Dinitrophenol	ND	12	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Dibenzofuran	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
2,4-Dinitrotoluene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
4-Nitrophenol	ND	12	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Fluorene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
4-Chlorophenyl-phenylether	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Diethylphthalate	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
4,6-Dinitro-2-methylphenol	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
4-Bromophenyl-phenylether	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Hexachlorobenzene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Pentachlorophenol	ND	12	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Phenanthrene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Anthracene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Di-n-butylphthalate	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Fluoranthene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Pyrene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Butylbenzylphthalate	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate

11C1255-44 (Ground Water) Sampled: 03/28/2011 00:00; Type: Grab

Field Analysi

Analyst:	TJH	**pH:**	11.00	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	7.13
Temp. (C):	12.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.45	**Cond. (umhos/cm):**	2281	**LEL (%):**	NA
ORP (mV):	161								

Microbac Laboratories, Inc., Baltimore Division

Acid and Base/Neutral Extractables by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
3,3´-Dichlorobenzidine	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Benz(a)anthracene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Chrysene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Bis(2-Ethylhexyl)phthalate	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Di-n-octylphthalate	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Benzo[b]fluoranthene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Benzo[k]fluoranthene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Benzo[a]pyrene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Indeno[1,2,3-cd]pyrene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Dibenz[a,h]anthracene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Benzo[g,h,i]perylene	ND	5.9	ug/L	032911 1030	032911 1647	RCS	EPA 8270C	U, D
Surrogate: 2-Fluorophenol		*45.4%*	*0.974-78.2*	*032911 1030*	*032911 1647*		*EPA 8270C*	
Surrogate: Phenol-d5		*32.4%*	*0-57.5*	*032911 1030*	*032911 1647*		*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*66.9%*	*15.3-131*	*032911 1030*	*032911 1647*		*EPA 8270C*	
Surrogate: 2-Fluorobiphenyl		*64.4%*	*3.75-142*	*032911 1030*	*032911 1647*		*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*66.5%*	*12.5-139*	*032911 1030*	*032911 1647*		*EPA 8270C*	
Surrogate: Terphenyl-d14		*68.3%*	*16.6-136*	*032911 1030*	*032911 1647*		*EPA 8270C*	

Field Sampling/Testing

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Conductivity	**1400**	0.0	umhos/cm	032811 0000	032811 0000	LBG	EPA 120.1	
pH	**12.0**	1.00	pH Units	032811 0000	032811 0000	LBG	SM (20) 4500-H B	
Temperature	**10.1**	0.100	°C	032811 0000	032811 0000	LBG	SM (20) 2550 B	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-5) Dissolved

11C1255-45 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Filtration (0.45 um filter)	**COMPLETED**		mg/L	040511 1111	040511 1211	EDP	MLI_0.45um	
Mercury, Dissolved by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1331	APS	EPA 245.1	
Metals, Dissolved by EPA 200 Series Methods								
Silver	ND	0.010	mg/L	040511 1502	040711 1500	PBK	EPA 200.8/6020	
Arsenic	**0.0033**	0.0020	mg/L	040511 1502	040711 1500	PBK	EPA 200.8/6020	
Barium	**0.029**	0.010	mg/L	040511 1502	040711 1500	PBK	EPA 200.8/6020	
Beryllium	ND	0.0020	mg/L	040511 1502	041211 1957	PBK	EPA 200.8/6020	
Calcium	**88**	0.080	mg/L	040511 1457	040711 1104	APS	EPA 200.7/6010B	
Cadmium	ND	0.0040	mg/L	040511 1502	040711 1500	PBK	EPA 200.8/6020	
Chromium	ND	0.10	mg/L	040511 1502	040711 1500	PBK	EPA 200.8/6020	
Copper	ND	0.010	mg/L	040511 1502	040711 1500	PBK	EPA 200.8/6020	
Iron	**0.046**	0.0050	mg/L	040511 1457	040711 1104	APS	EPA 200.7/6010B	Z10
Potassium	**83**	0.39	mg/L	040511 1457	040711 1104	APS	EPA 200.7/6010B	
Magnesium	**48**	0.010	mg/L	040511 1457	040711 1104	APS	EPA 200.7/6010B	
Manganese	**0.31**	0.010	mg/L	040511 1502	040711 2041	PBK	EPA 200.8/6020	
Sodium	**150**	10	mg/L	040511 1457	040711 1316	APS	EPA 200.7/6010B	
Nickel	**0.031**	0.011	mg/L	040511 1502	040711 1500	PBK	EPA 200.8/6020	
Lead	ND	0.0020	mg/L	040511 1502	040711 1500	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	040511 1502	040711 1500	PBK	EPA 200.8/6020	
Selenium	ND	0.035	mg/L	040511 1502	041211 1957	PBK	EPA 200.8/6020	
Thallium	ND	0.0020	mg/L	040511 1502	041211 1957	PBK	EPA 200.8/6020	
Vanadium	ND	0.010	mg/L	040511 1502	041211 1957	PBK	EPA 200.8/6020	
Zinc	**0.011**	0.010	mg/L	040511 1502	040711 1500	PBK	EPA 200.8/6020	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-5) Dissolved

11C1255-45 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Field Sampling/Testing

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Conductivity	**1800**	0.0	umhos/cm	040111 0000	040111 0000	LBG	EPA 120.1	
pH	**7.87**	1.00	pH Units	040111 0000	040111 0000	LBG	SM (20) 4500-H B	
Temperature	**11.4**	0.100	°C	040111 0000	040111 0000	LBG	SM (20) 2550 B	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-29) Dissolved

11C1255-46 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Filtration (0.45 um filter)	**COMPLETED**		mg/L	040511 1111	040511 1211	EDP	MLI_0.45um	
Mercury, Dissolved by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1338	APS	EPA 245.1	
Metals, Dissolved by EPA 200 Series Methods								
Silver	ND	0.010	mg/L	040511 1502	040711 1506	PBK	EPA 200.8/6020	
Arsenic	**0.0044**	0.0020	mg/L	040511 1502	040711 1506	PBK	EPA 200.8/6020	
Barium	**0.12**	0.010	mg/L	040511 1502	040711 1506	PBK	EPA 200.8/6020	
Beryllium	ND	0.0050	mg/L	040511 1502	041211 2002	PBK	EPA 200.8/6020	
Calcium	**48**	0.080	mg/L	040511 1457	040711 1108	APS	EPA 200.7/6010B	
Cadmium	ND	0.0040	mg/L	040511 1502	040711 1506	PBK	EPA 200.8/6020	
Chromium	ND	0.10	mg/L	040511 1502	040711 1506	PBK	EPA 200.8/6020	
Copper	ND	0.010	mg/L	040511 1502	040711 1506	PBK	EPA 200.8/6020	
Iron	**10**	0.0050	mg/L	040511 1457	040711 1108	APS	EPA 200.7/6010B	B4
Potassium	**17**	0.39	mg/L	040511 1457	040711 1108	APS	EPA 200.7/6010B	
Magnesium	**82**	0.010	mg/L	040511 1457	040711 1108	APS	EPA 200.7/6010B	
Manganese	**6.6**	0.020	mg/L	040511 1502	040711 2046	PBK	EPA 200.8/6020	
Sodium	**730**	10	mg/L	040511 1457	040711 1327	APS	EPA 200.7/6010B	
Nickel	ND	0.011	mg/L	040511 1502	040711 1506	PBK	EPA 200.8/6020	
Lead	ND	0.0020	mg/L	040511 1502	040711 1506	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	040511 1502	040711 1506	PBK	EPA 200.8/6020	
Selenium	ND	0.035	mg/L	040511 1502	041211 2002	PBK	EPA 200.8/6020	
Thallium	ND	0.0050	mg/L	040511 1502	041211 2002	PBK	EPA 200.8/6020	
Vanadium	ND	0.025	mg/L	040511 1502	041211 2002	PBK	EPA 200.8/6020	
Zinc	ND	0.010	mg/L	040511 1502	040711 1506	PBK	EPA 200.8/6020	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-02 (-29) Dissolved

11C1255-46 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Field Sampling/Testing

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Conductivity	**4600**	0.0	umhos/cm	040111 0000	040111 0000	LBG	EPA 120.1	
pH	**3.03**	1.00	pH Units	040111 0000	040111 0000	LBG	SM (20) 4500-H B	
Temperature	**12.1**	0.100	°C	040111 0000	040111 0000	LBG	SM (20) 2550 B	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-05 (-7) Dissolved

11C1255-47 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Filtration (0.45 um filter)	**COMPLETED**		mg/L	040511 1111	040511 1211	EDP	MLI_0.45um	
Mercury, Dissolved by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1340	APS	EPA 245.1	
Metals, Dissolved by EPA 200 Series Methods								
Silver	ND	0.010	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Arsenic	**0.0040**	0.0020	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Barium	**0.016**	0.010	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Beryllium	ND	0.0020	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Calcium	**49**	0.080	mg/L	040511 1457	040711 1112	APS	EPA 200.7/6010B	
Cadmium	ND	0.0040	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Chromium	ND	0.10	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Copper	ND	0.010	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Iron	**97**	0.050	mg/L	040511 1457	040711 1331	APS	EPA 200.7/6010B	B4
Potassium	**1.6**	0.39	mg/L	040511 1457	040711 1112	APS	EPA 200.7/6010B	
Magnesium	**78**	0.010	mg/L	040511 1457	040711 1112	APS	EPA 200.7/6010B	
Manganese	**2.0**	0.020	mg/L	040511 1502	040711 2051	PBK	EPA 200.8/6020	
Sodium	**130**	10	mg/L	040511 1457	040711 1331	APS	EPA 200.7/6010B	
Nickel	**0.21**	0.011	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Lead	ND	0.0020	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Selenium	ND	0.035	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Thallium	ND	0.0020	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	
Vanadium	ND	0.025	mg/L	040511 1502	041211 2007	PBK	EPA 200.8/6020	
Zinc	**0.15**	0.010	mg/L	040511 1502	040711 1511	PBK	EPA 200.8/6020	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-05 (-7) Dissolved

11C1255-47 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Field Sampling/Testing								
Conductivity	**1400**	0.0	umhos/cm	040111 0000	040111 0000	LBG	EPA 120.1	
pH	**5.41**	1.00	pH Units	040111 0000	040111 0000	LBG	SM (20) 4500-H B	
Temperature	**13.9**	0.100	°C	040111 0000	040111 0000	LBG	SM (20) 2550 B	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate

11C1255-48 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Alkalinity	**56**	2.0	mg CaCO3/L	041411 1036	041411 1045	BMC	SM (20) 2320B	D
Chloride	**150**	2.0	mg/L	041211 1038	041311 1629	BMC	SM (20) 4500Cl-C	D
COD, Total	**27**	10	mg/L	040511 1300	040611 0754	LCR	EPA410.4/HACH8000	
Ammonia as N	**1.1**	0.10	mg/L	040411 1140	040411 1429	VAS	SM(20)4500NH3-G	
Nitrite as N	ND	0.012	mg/L	040111 1634	040111 1634	VAS	EPA 353.2	U
Nitrate as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	
Nitrate/Nitrite as N	ND	0.050	mg/L	040411 1015	040411 1015	VAS	EPA 353.2	U
Sulfate as SO4	**610**	50	mg/L	041911 1545	042011 0651	LCR	ASTM D516-02	D
Total Dissolved Solids	**1200**	10	mg/L	040811 0700	040811 0704	LCR	SM (20) 2540 C	H1, D
Turbidity	**2.7**	0.10	NTU	040111 1445	040111 1445	BMC	EPA 180.1	
Mercury, Total by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1342	APS	EPA 245.1/7470A	U
Metals, Total by EPA 200/6000 Series Methods								
Hardness (as CaCO3)	**440**	0.17	mg/L	040511 1457	040711 1126	APS	SM (20) 2340B	
Silver	ND	0.0010	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	U
Arsenic	**0.0037**	0.0020	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	
Barium	**0.016**	0.0050	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	
Beryllium	**0.00092**	0.0010	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	J
Calcium	**49**	0.050	mg/L	040511 1457	040711 1126	APS	EPA 200.7/6010B	
Cadmium	**0.00041**	0.00050	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	J
Cobalt	**0.19**	0.0050	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	
Chromium	ND	0.0020	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	U
Copper	**0.0015**	0.0010	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	
Iron	**95**	0.050	mg/L	040511 1457	040711 1353	APS	EPA 200.7/6010B	D
Potassium	**1.6**	0.010	mg/L	040511 1457	040711 1126	APS	EPA 200.7/6010B	
Magnesium	**77**	0.010	mg/L	040511 1457	040711 1126	APS	EPA 200.7/6010B	
Manganese	**2.0**	0.020	mg/L	040511 1502	040711 2056	PBK	EPA 200.8/6020	D

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate

11C1255-48 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Metals, Total by EPA 200/6000 Series Methods								
Sodium	**130**	10	mg/L	040511 1457	040711 1353	APS	EPA 200.7/6010B	D
Nickel	**0.22**	0.0050	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	
Lead	ND	0.0010	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	U
Antimony	ND	0.0050	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	U
Selenium	**0.0043**	0.0050	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	J
Thallium	ND	0.0010	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	U
Vanadium	**0.026**	0.025	mg/L	040511 1502	041211 2012	PBK	EPA 200.8/6020	D
Zinc	**0.15**	0.0050	mg/L	040511 1502	040711 1537	PBK	EPA 200.8/6020	
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Chloromethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Vinyl chloride	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Bromomethane	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	R2, U
Chloroethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Trichlorofluoromethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Acrolein	ND	10	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	V1, U
1,1-Dichloroethene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Acetone	ND	25	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Iodomethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	V1, U
Carbon disulfide	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Allyl Chloride (3-Chloropropylene)	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Acetonitrile	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Methylene Chloride	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Methyl-tert-Butyl Ether	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
trans-1,2-Dichloroethene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Acrylonitrile	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,1-Dichloroethane	**0.89**	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	J
Chloroprene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
2,2-Dichloropropane	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U

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Duplicate

11C1255-48 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
cis-1,2-Dichloroethene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
2-Butanone (MEK)	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Propionitrile (Ethyl Cyanide)	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Methacrylonitrile	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Chloroform	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Bromochloromethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,1,1-Trichloroethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,1-Dichloropropene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Carbon Tetrachloride	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Benzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,2-Dichloroethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Trichloroethene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,2-Dichloropropane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Bromodichloromethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Methyl Methacrylate	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Dibromomethane	ND	2.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
2-Chloroethyl Vinyl Ether	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
cis-1,3-Dichloropropene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Toluene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
trans-1,3-Dichloropropene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Ethyl Methacrylate	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,1,2-Trichloroethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
2-Hexanone (MBK)	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,2-Dibromoethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Tetrachloroethene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,3-Dichloropropane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Dibromochloromethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Chlorobenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Ethylbenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate

11C1255-48 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
m,p-Xylenes	ND	2.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
o-Xylene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Styrene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Bromoform	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Isopropylbenzene (Cumene)	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,2,3-Trichloropropane	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	R2, U
Bromobenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Propylbenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
2-Chlorotoluene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,3,5-Trimethylbenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
4-Chlorotoluene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
tert-Butylbenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,2,4-Trimethylbenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	Z10b, U
sec-Butylbenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
4-Isopropyltoluene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,3-Dichlorobenzene	**0.95**	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	J
1,4-Dichlorobenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Butylbenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,2-Dichlorobenzene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,2,4-Trichlorobenzene	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Hexachlorobutadiene	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Naphthalene	ND	1.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
1,2,3-Trichlorobenzene	ND	5.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Total Xylenes	ND	3.0	ug/L	040511 1853	040511 1853	MBH	EPA 8260B	U
Surrogate: Dibromofluoromethane		*101%*	*90.8-116*	*040511 1853*	*040511 1853*		*EPA 8260B*	
Surrogate: 1,2-Dichloroethane-d4		*102%*	*77.8-136*	*040511 1853*	*040511 1853*		*EPA 8260B*	
Surrogate: Toluene-d8		*98.4%*	*87.5-113*	*040511 1853*	*040511 1853*		*EPA 8260B*	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate

11C1255-48 (Ground Water) Sampled: 04/01/2011 00:00; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Volatile Organic Compounds by EPA Method 8260B								
Surrogate: 4-Bromofluorobenzene		*100%*	*80.8-127*	*040511 1853*	*040511 1853*		*EPA 8260B*	
Field Sampling/Testing								
Conductivity	**1400**	0.0	umhos/cm	040111 0000	040111 0000	LBG	EPA 120.1	
pH	**5.41**	1.00	pH Units	040111 0000	040111 0000	LBG	SM (20) 4500-H B	
Temperature	**13.9**	0.100	°C	040111 0000	040111 0000	LBG	SM (20) 2550 B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-05 (-25) Dissolved

11C1255-49 (Ground Water) Sampled: 04/04/2011 09:30; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Filtration (0.45 um filter)	**COMPLETED**		mg/L	040511 1111	040511 1211	EDP	MLI_0.45um	
Mercury, Dissolved by EPA 200/7000 Series Methods								
Mercury	ND	0.00020	mg/L	040611 1309	040711 1344	APS	EPA 245.1	
Metals, Dissolved by EPA 200 Series Methods								
Silver	ND	0.010	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Arsenic	**0.0045**	0.0020	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Barium	**0.070**	0.010	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Beryllium	ND	0.0020	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Calcium	**29**	0.080	mg/L	040511 1457	040711 1130	APS	EPA 200.7/6010B	
Cadmium	ND	0.0040	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Chromium	ND	0.10	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Copper	ND	0.010	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Iron	**190**	0.050	mg/L	040511 1457	040711 1357	APS	EPA 200.7/6010B	B4
Potassium	**7.3**	0.39	mg/L	040511 1457	040711 1130	APS	EPA 200.7/6010B	
Magnesium	**48**	0.010	mg/L	040511 1457	040711 1130	APS	EPA 200.7/6010B	
Manganese	**4.4**	0.020	mg/L	040511 1502	040711 2101	PBK	EPA 200.8/6020	
Sodium	**460**	10	mg/L	040511 1457	040711 1357	APS	EPA 200.7/6010B	
Nickel	ND	0.011	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Lead	ND	0.0020	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Antimony	ND	0.0050	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Selenium	ND	0.035	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Thallium	ND	0.0020	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	
Vanadium	**0.025**	0.025	mg/L	040511 1502	041211 2018	PBK	EPA 200.8/6020	
Zinc	ND	0.010	mg/L	040511 1502	040711 1542	PBK	EPA 200.8/6020	

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GL-05 (-25) Dissolved

11C1255-49 (Ground Water) Sampled: 04/04/2011 09:30; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Field Sampling/Testing								
Conductivity	**3200**	0.0	umhos/cm	040411 0930	040411 0930	LBG	EPA 120.1	
pH	**6.18**	1.00	pH Units	040411 0930	040411 0930	LBG	SM (20) 4500-H B	
Temperature	**14.5**	0.100	°C	040411 0930	040411 0930	LBG	SM (20) 2550 B	

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GL-08S (-3)

11C1255-50 (Ground Water) Sampled: 04/08/2011 09:25; Type: Grab

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Alkalinity	**150**	4.0	mg CaCO3/L	041811 1015	041811 1015	BMC	SM (20) 2320B	D
Field Sampling/Testing								
Conductivity	**250**	0.0	umhos/cm	040811 0925	040811 0925	LBG	EPA 120.1	
pH	**11.3**	1.00	pH Units	040811 0925	040811 0925	LBG	SM (20) 4500-H B	
Temperature	**10.7**	0.100	°C	040811 0925	040811 0925	LBG	SM (20) 2550 B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

GL-08D (-36)

11C1255-51 (Ground Water) Sampled: 04/08/2011 08:30; Type: Grab

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Alkalinity	**72**	2.0	mg CaCO3/L	041811 1015	041811 1015	BMC	SM (20) 2320B	D
Field Sampling/Testing								
Conductivity	**3800**	0.0	umhos/cm	040811 0830	040811 0830	LBG	EPA 120.1	
pH	**6.31**	1.00	pH Units	040811 0830	040811 0830	LBG	SM (20) 4500-H B	
Temperature	**13.7**	0.100	°C	040811 0830	040811 0830	LBG	SM (20) 2550 B	

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Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113063 - NH3_Prep										
Blank (1113063-BLK1)				Prepared & Analyzed: 03/22/2011						
Ammonia as N	0.0277	0.10	mg/L							J
LCS (1113063-BS1)				Prepared & Analyzed: 03/22/2011						
Ammonia as N	2.16	0.10	mg/L	2.000		108	85-115			
Duplicate (1113063-DUP1)		**Source: 11C1246-01**		Prepared & Analyzed: 03/22/2011						
Ammonia as N	0.0530	0.10	mg/L		0.0302			54.8	20	R3, J
Duplicate (1113063-DUP2)		**Source: 11C1243-01**		Prepared & Analyzed: 03/22/2011						
Ammonia as N	0.0469	0.10	mg/L		0.0358			26.8	20	R3, J
Matrix Spike (1113063-MS1)		**Source: 11C1246-01**		Prepared & Analyzed: 03/22/2011						
Ammonia as N	1.73	0.10	mg/L	2.000	0.0302	85.1	80-120			
Matrix Spike (1113063-MS2)		**Source: 11C1243-01**		Prepared & Analyzed: 03/22/2011						
Ammonia as N	1.77	0.10	mg/L	2.000	0.0358	86.6	80-120			
Batch 1113070 - WetChem_Prep										
Blank (1113070-BLK1)				Prepared & Analyzed: 03/22/2011						
Nitrite as N	ND	0.012	mg/L							U
LCS (1113070-BS1)				Prepared & Analyzed: 03/22/2011						
Nitrite as N	0.538	0.012	mg/L	0.5000		108	90-110			
Duplicate (1113070-DUP1)		**Source: 11C1255-32**		Prepared & Analyzed: 03/22/2011						
Nitrite as N	0.00520	0.012	mg/L		ND				20	J

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113070 - WetChem_Prep										
Matrix Spike (1113070-MS1)		**Source: 11C1255-32**		Prepared & Analyzed: 03/22/2011						
Nitrite as N	0.241	0.012	mg/L	0.2500	ND	96.6	80-120			
Batch 1113110 - WetChem_Prep										
Blank (1113110-BLK1)				Prepared & Analyzed: 03/23/2011						
Turbidity	ND	0.10	NTU							U
LCS (1113110-BS1)				Prepared & Analyzed: 03/23/2011						
Turbidity	10.2		NTU	10.00		102	80-120		5	
Duplicate (1113110-DUP1)		**Source: 11C1243-01**		Prepared & Analyzed: 03/23/2011						
Turbidity	ND	0.10	NTU		ND				5	U
Duplicate (1113110-DUP2)		**Source: 11C1345-01**		Prepared & Analyzed: 03/23/2011						
Turbidity	26.1	0.10	NTU		26.2			0.382	5	
Batch 1113137 - WetChem_Prep										
Blank (1113137-BLK1)				Prepared & Analyzed: 03/23/2011						
Nitrite as N	ND	0.012	mg/L							U
LCS (1113137-BS1)				Prepared & Analyzed: 03/23/2011						
Nitrite as N	0.519	0.012	mg/L	0.5000		104	90-110			
Batch 1113142 - NO3_Prep										
Blank (1113142-BLK1)				Prepared & Analyzed: 03/23/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L							U

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113142 - NO3_Prep										
LCS (1113142-BS1)				Prepared & Analyzed: 03/23/2011						
Nitrate/Nitrite as N	2.47		mg/L	2.500		99.0	90-110			
Duplicate (1113142-DUP1)		**Source: 11C1345-01**		Prepared & Analyzed: 03/23/2011						
Nitrate/Nitrite as N	0.221	0.050	mg/L		0.249			11.8	20	
Duplicate (1113142-DUP2)		**Source: 11C1332-01**		Prepared & Analyzed: 03/23/2011						
Nitrate/Nitrite as N	1.93	0.050	mg/L		1.85			4.17	20	
Matrix Spike (1113142-MS1)		**Source: 11C1345-01**		Prepared & Analyzed: 03/23/2011						
Nitrate/Nitrite as N	2.47	0.050	mg/L	2.000	0.249	111	80-120			
Matrix Spike (1113142-MS2)		**Source: 11C1332-01**		Prepared & Analyzed: 03/23/2011						
Nitrate/Nitrite as N	4.27	0.050	mg/L	2.000	1.85	121	80-120			M3
Batch 1113158 - WetChem_TDS_Prep										
Blank (1113158-BLK1)				Prepared & Analyzed: 03/24/2011						
Total Dissolved Solids	2.1	10	mg/L							J, D
Blank (1113158-BLK2)				Prepared & Analyzed: 03/24/2011						
Total Dissolved Solids	3.0	10	mg/L							J, D
LCS (1113158-BS1)				Prepared & Analyzed: 03/24/2011						
Total Dissolved Solids	18000	100	mg/L	20000		92.2	90-111			D
LCS (1113158-BS2)				Prepared & Analyzed: 03/24/2011						
Total Dissolved Solids	20000	100	mg/L	20000		97.8	90-111			D

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113158 - WetChem_TDS_Prep										
Duplicate (1113158-DUP1)		**Source: 11C1345-01**		Prepared & Analyzed: 03/24/2011						
Total Dissolved Solids	2000	40	mg/L		2100			3.37	10	D
Duplicate (1113158-DUP2)		**Source: 11C1353-01**		Prepared & Analyzed: 03/24/2011						
Total Dissolved Solids	250	10	mg/L		240			3.62	10	D
Batch 1113159 - WetChem_Prep										
Blank (1113159-BLK1)				Prepared & Analyzed: 03/24/2011						
Nitrite as N	ND	0.012	mg/L							U
LCS (1113159-BS1)				Prepared & Analyzed: 03/24/2011						
Nitrite as N	0.534	0.012	mg/L	0.5000		107	90-110			
Duplicate (1113159-DUP1)		**Source: 11C1255-39**		Prepared & Analyzed: 03/24/2011						
Nitrite as N	ND	0.012	mg/L		ND				20	U
Matrix Spike (1113159-MS1)		**Source: 11C1255-39**		Prepared & Analyzed: 03/24/2011						
Nitrite as N	0.232	0.012	mg/L	0.2500	ND	93.0	80-120			
Batch 1113160 - NO3_Prep										
Blank (1113160-BLK1)				Prepared & Analyzed: 03/23/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L							U
LCS (1113160-BS1)				Prepared & Analyzed: 03/23/2011						
Nitrate/Nitrite as N	2.38		mg/L	2.500		95.2	90-110			

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113173 - WetChem_Prep										
Blank (1113173-BLK1)				Prepared & Analyzed: 03/24/2011						
Turbidity	ND	0.10	NTU							U
LCS (1113173-BS1)				Prepared & Analyzed: 03/24/2011						
Turbidity	10.3		NTU	10.00		103	80-120		5	
Duplicate (1113173-DUP1)		**Source: 11C1173-01**		Prepared & Analyzed: 03/24/2011						
Turbidity	0.190	0.10	NTU		0.200			5.13	5	R3
Duplicate (1113173-DUP2)		**Source: 11C1255-40**		Prepared & Analyzed: 03/24/2011						
Turbidity	198	0.10	NTU		198			0.151	5	
Batch 1113180 - NH3_Prep										
Blank (1113180-BLK1)				Prepared & Analyzed: 03/24/2011						
Ammonia as N	0.0467	0.10	mg/L							J
LCS (1113180-BS1)				Prepared & Analyzed: 03/24/2011						
Ammonia as N	2.16	0.10	mg/L	2.000		108	85-115			
Duplicate (1113180-DUP1)		**Source: 11C1333-01**		Prepared & Analyzed: 03/24/2011						
Ammonia as N	3.38	0.10	mg/L		3.43			1.46	20	
Duplicate (1113180-DUP2)		**Source: 11C1371-01**		Prepared & Analyzed: 03/24/2011						
Ammonia as N	2.40	0.10	mg/L		2.22			8.00	20	
Matrix Spike (1113180-MS1)		**Source: 11C1333-01**		Prepared & Analyzed: 03/24/2011						
Ammonia as N	5.81	1.0	mg/L	2.000	3.43	119	80-120			D

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Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113180 - NH3_Prep										
Matrix Spike (1113180-MS2)		**Source: 11C1371-01**		Prepared & Analyzed: 03/24/2011						
Ammonia as N	4.10	0.10	mg/L	2.000	2.22	94.3	80-120			
Batch 1113231 - Alkalinity_Prep										
Blank (1113231-BLK1)				Prepared & Analyzed: 03/25/2011						
Alkalinity	ND	1.0	mg CaCO3/L							U
LCS (1113231-BS1)				Prepared & Analyzed: 03/25/2011						
Alkalinity	49.5	1.0	mg CaCO3/L	50.00		99.0	91-108			
Duplicate (1113231-DUP1)		**Source: 11C1345-01**		Prepared & Analyzed: 03/25/2011						
Alkalinity	146	4.0	mg CaCO3/L		146			0.00	18	D
Alkalinity, Bicarbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Carbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Hydroxide (as CaCO3)	ND	1.0	"		ND				18	U
Duplicate (1113231-DUP2)		**Source: 11C1353-01**		Prepared & Analyzed: 03/25/2011						
Alkalinity	182	4.0	mg CaCO3/L		184			1.09	18	D
Alkalinity, Bicarbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Carbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Hydroxide (as CaCO3)	ND	1.0	"		ND				18	U
Matrix Spike (1113231-MS1)		**Source: 11C1345-01**		Prepared & Analyzed: 03/25/2011						
Alkalinity	214	4.0	mg CaCO3/L	80.00	146	85.0	83-114			D
Matrix Spike (1113231-MS2)		**Source: 11C1353-01**		Prepared & Analyzed: 03/25/2011						
Alkalinity	262	4.0	mg CaCO3/L	80.00	184	97.5	83-114			D

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114023 - COD_Prep										
Blank (1114023-BLK1)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	ND	10	mg/L							U
Blank (1114023-BLK2)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	ND	10	mg/L							U
Blank (1114023-BLK3)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	ND	10	mg/L							U
LCS (1114023-BS1)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	40.2		mg/L	40.04		100	82-119			
LCS (1114023-BS2)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	41.4		mg/L	40.04		103	82-119			
LCS (1114023-BS3)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	40.8		mg/L	40.04		102	82-119			
Duplicate (1114023-DUP1)		**Source: 11C1247-01**		Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	ND	10	mg/L		ND				15	U
Duplicate (1114023-DUP2)		**Source: 11C1248-01**		Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	ND	10	mg/L		ND				15	U
Duplicate (1114023-DUP3)		**Source: 11C1250-01**		Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	ND	10	mg/L		ND				15	U
Matrix Spike (1114023-MS1)		**Source: 11C1247-01**		Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	49.0	10	mg/L	50.05	ND	97.9	82-116		15	

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114023 - COD_Prep										
Matrix Spike (1114023-MS2)	**Source: 11C1248-01**			Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	50.9	10	mg/L	50.05	ND	102	82-116		15	
Matrix Spike (1114023-MS3)	**Source: 11C1250-01**			Prepared: 03/28/2011 Analyzed: 03/29/2011						
COD, Total	49.9	10	mg/L	50.05	ND	99.8	82-116		15	
Batch 1114033 - NO3_Prep										
Blank (1114033-BLK1)				Prepared & Analyzed: 03/28/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L							U
Blank (1114033-BLK2)				Prepared & Analyzed: 03/28/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L							U
LCS (1114033-BS1)				Prepared & Analyzed: 03/28/2011						
Nitrate/Nitrite as N	2.61		mg/L	2.500		104	90-110			
LCS (1114033-BS2)				Prepared & Analyzed: 03/28/2011						
Nitrate/Nitrite as N	2.67		mg/L	2.500		107	90-110			
Duplicate (1114033-DUP1)	**Source: 11C1432-01**			Prepared & Analyzed: 03/28/2011						
Nitrate/Nitrite as N	0.248	0.050	mg/L		0.125			65.8	20	
Duplicate (1114033-DUP2)	**Source: 11C1405-01**			Prepared & Analyzed: 03/28/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L		ND				20	U
Duplicate (1114033-DUP3)	**Source: 11C1469-01**			Prepared & Analyzed: 03/28/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L		ND				20	U

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Batch 1114033 - NO3_Prep										
Matrix Spike (1114033-MS1)	**Source: 11C1432-01**			Prepared & Analyzed: 03/28/2011						
Nitrate/Nitrite as N	4.52	0.050	mg/L	4.000	0.125	110	80-120			
Matrix Spike (1114033-MS2)	**Source: 11C1405-01**			Prepared & Analyzed: 03/28/2011						
Nitrate/Nitrite as N	4.61	0.050	mg/L	4.000	ND	115	80-120			
Matrix Spike (1114033-MS3)	**Source: 11C1469-01**			Prepared & Analyzed: 03/28/2011						
Nitrate/Nitrite as N	21.5	0.50	mg/L	20.00	ND	107	80-120			D
Batch 1114067 - WetChem_Prep										
Blank (1114067-BLK1)				Prepared & Analyzed: 03/29/2011						
Turbidity	ND	0.10	NTU							U
LCS (1114067-BS1)				Prepared & Analyzed: 03/29/2011						
Turbidity	10.4		NTU	10.00		104	80-120		5	
Duplicate (1114067-DUP1)	**Source: 11C1581-01**			Prepared & Analyzed: 03/29/2011						
Turbidity	0.370	0.10	NTU		0.360			2.74	5	
Batch 1114087 - WetChem_Prep										
Blank (1114087-BLK1)				Prepared & Analyzed: 03/29/2011						
Nitrite as N	ND	0.012	mg/L							U
LCS (1114087-BS1)				Prepared & Analyzed: 03/29/2011						
Nitrite as N	0.541	0.012	mg/L	0.5000		108	90-110			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114087 - WetChem_Prep										
Duplicate (1114087-DUP1)		**Source: 11C1255-03**		Prepared & Analyzed: 03/29/2011						
Nitrite as N	1.29	0.12	mg/L		1.32			2.74	20	D
Matrix Spike (1114087-MS1)		**Source: 11C1255-03**		Prepared & Analyzed: 03/29/2011						
Nitrite as N	3.23	0.12	mg/L	2.000	1.32	95.0	80-120			D
Batch 1114089 - NO3_Prep										
Blank (1114089-BLK1)				Prepared & Analyzed: 03/29/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L							U
Blank (1114089-BLK2)				Prepared & Analyzed: 03/29/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L							U
LCS (1114089-BS1)				Prepared & Analyzed: 03/29/2011						
Nitrate/Nitrite as N	2.57		mg/L	2.500		103	90-110			
LCS (1114089-BS2)				Prepared & Analyzed: 03/29/2011						
Nitrate/Nitrite as N	2.42		mg/L	2.500		96.6	90-110			
Duplicate (1114089-DUP1)		**Source: 11C1582-01**		Prepared & Analyzed: 03/29/2011						
Nitrate/Nitrite as N	0.259	0.050	mg/L		0.334			25.1	20	
Matrix Spike (1114089-MS1)		**Source: 11C1582-01**		Prepared & Analyzed: 03/29/2011						
Nitrate/Nitrite as N	2.19	0.050	mg/L	2.000	0.334	93.0	80-120			
Batch 1114123 - WetChem_TDS_Prep										
Blank (1114123-BLK1)				Prepared & Analyzed: 03/30/2011						
Total Dissolved Solids	4.0	10	mg/L							J, D

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114123 - WetChem_TDS_Prep										
LCS (1114123-BS1)				Prepared & Analyzed: 03/30/2011						
Total Dissolved Solids	20000	100	mg/L	20000		98.4	90-111			D
Duplicate (1114123-DUP1)		**Source: 11C1581-01**		Prepared & Analyzed: 03/30/2011						
Total Dissolved Solids	2500	40	mg/L		2400			5.38	10	D
Batch 1114166 - WetCem_SO4_Prep										
Blank (1114166-BLK1)				Prepared & Analyzed: 03/30/2011						
Sulfate as SO4	ND	1.0	mg/L							U
LCS (1114166-BS1)				Prepared & Analyzed: 03/30/2011						
Sulfate as SO4	21.8	1.0	mg/L	20.00		109	80-120			
Duplicate (1114166-DUP1)		**Source: 11C1255-41**		Prepared & Analyzed: 03/30/2011						
Sulfate as SO4	426	25	mg/L		413			3.13	20	D
Matrix Spike (1114166-MS1)		**Source: 11C1255-41**		Prepared & Analyzed: 03/30/2011						
Sulfate as SO4	868	25	mg/L	500.0	413	91.1	80-120		20	D
Batch 1114199 - NH3_Prep										
Blank (1114199-BLK1)				Prepared & Analyzed: 03/31/2011						
Ammonia as N	0.0555	0.10	mg/L							J
LCS (1114199-BS1)				Prepared & Analyzed: 03/31/2011						
Ammonia as N	2.15	0.10	mg/L	2.000		107	85-115			

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114199 - NH3_Prep										
Duplicate (1114199-DUP1)		**Source: 11C1400-01**		Prepared & Analyzed: 03/31/2011						
Ammonia as N	0.276	0.10	mg/L		0.272			1.68	20	
Duplicate (1114199-DUP2)		**Source: 11C1513-01**		Prepared & Analyzed: 03/31/2011						
Ammonia as N	0.156	0.10	mg/L		0.150			4.00	20	
Matrix Spike (1114199-MS1)		**Source: 11C1400-01**		Prepared & Analyzed: 03/31/2011						
Ammonia as N	2.46	0.10	mg/L	2.000	0.272	109	80-120			
Matrix Spike (1114199-MS2)		**Source: 11C1513-01**		Prepared & Analyzed: 03/31/2011						
Ammonia as N	2.23	0.10	mg/L	2.000	0.150	104	80-120			
Batch 1114223 - WetCem_SO4_Prep										
Blank (1114223-BLK1)				Prepared: 03/31/2011 Analyzed: 04/01/2011						
Sulfate as SO4	ND	1.0	mg/L							U
LCS (1114223-BS1)				Prepared: 03/31/2011 Analyzed: 04/01/2011						
Sulfate as SO4	20.7	1.0	mg/L	20.00		104	80-120			
Duplicate (1114223-DUP1)		**Source: 11C1255-31**		Prepared: 03/31/2011 Analyzed: 04/01/2011						
Sulfate as SO4	168	10	mg/L		173			3.09	20	D
Matrix Spike (1114223-MS1)		**Source: 11C1255-31**		Prepared: 03/31/2011 Analyzed: 04/01/2011						
Sulfate as SO4	353	10	mg/L	200.0	173	89.9	80-120		20	D
Batch 1114240 - WetChem_Prep										
Blank (1114240-BLK1)				Prepared & Analyzed: 04/01/2011						
Nitrite as N	ND	0.012	mg/L							U

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114240 - WetChem_Prep										
LCS (1114240-BS1)				Prepared & Analyzed: 04/01/2011						
Nitrite as N	0.534	0.012	mg/L	0.5000		107	90-110			
Duplicate (1114240-DUP1)		Source: 11C1255-14		Prepared & Analyzed: 04/01/2011						
Nitrite as N	ND	0.012	mg/L		ND				20	U
Matrix Spike (1114240-MS1)		Source: 11C1255-14		Prepared & Analyzed: 04/01/2011						
Nitrite as N	0.249	0.012	mg/L	0.2500	ND	99.7	80-120			
Batch 1114260 - COD_Prep										
Blank (1114260-BLK1)				Prepared: 04/01/2011 Analyzed: 04/04/2011						
COD, Total	ND	10	mg/L							U
Blank (1114260-BLK2)				Prepared: 04/01/2011 Analyzed: 04/04/2011						
COD, Total	ND	10	mg/L							U
LCS (1114260-BS1)				Prepared: 04/01/2011 Analyzed: 04/04/2011						
COD, Total	40.9		mg/L	40.04		102	82-119			
LCS (1114260-BS2)				Prepared: 04/01/2011 Analyzed: 04/04/2011						
COD, Total	40.0		mg/L	40.04		99.9	82-119			
Duplicate (1114260-DUP1)		Source: 11C1580-01		Prepared: 04/01/2011 Analyzed: 04/04/2011						
COD, Total	ND	10	mg/L		ND				15	U
Duplicate (1114260-DUP2)		Source: 11C1583-01		Prepared: 04/01/2011 Analyzed: 04/04/2011						
COD, Total	ND	10	mg/L		ND				15	U

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114260 - COD_Prep										
Matrix Spike (1114260-MS1)	**Source: 11C1580-01**			Prepared: 04/01/2011 Analyzed: 04/04/2011						
COD, Total	48.9	10	mg/L	50.05	ND	97.6	82-116		15	
Matrix Spike (1114260-MS2)	**Source: 11C1583-01**			Prepared: 04/01/2011 Analyzed: 04/04/2011						
COD, Total	49.8	10	mg/L	50.05	ND	99.4	82-116		15	
Batch 1114261 - WetChem_TDS_Prep										
Blank (1114261-BLK1)				Prepared & Analyzed: 04/01/2011						
Total Dissolved Solids	2.1	10	mg/L							J, D
LCS (1114261-BS1)				Prepared & Analyzed: 04/01/2011						
Total Dissolved Solids	20000	100	mg/L	20000		100	90-111			D
Duplicate (1114261-DUP1)	**Source: 11C1726-01**			Prepared & Analyzed: 04/01/2011						
Total Dissolved Solids	1700	20	mg/L		1800			3.22	10	D
Batch 1114263 - WetChem_Prep										
Blank (1114263-BLK1)				Prepared & Analyzed: 04/01/2011						
Turbidity	ND	0.10	NTU							U
Blank (1114263-BLK2)				Prepared & Analyzed: 04/01/2011						
Turbidity	ND	0.10	NTU							U
LCS (1114263-BS1)				Prepared & Analyzed: 04/01/2011						
Turbidity	10.2		NTU	10.00		102	80-120		5	

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114263 - WetChem_Prep										
LCS (1114263-BS2)				Prepared & Analyzed: 04/01/2011						
Turbidity	10.4		NTU	10.00		104	80-120		5	
Duplicate (1114263-DUP1)		**Source: 11C1726-01**		Prepared & Analyzed: 04/01/2011						
Turbidity	263	1.0	NTU		262			0.381	5	D
Duplicate (1114263-DUP2)		**Source: 11C1255-01**		Prepared & Analyzed: 04/01/2011						
Turbidity	53.0	1.0	NTU		52.9			0.189	5	D
Batch 1115006 - WetChem_Prep										
Blank (1115006-BLK1)				Prepared & Analyzed: 04/01/2011						
Nitrite as N	ND	0.012	mg/L							U
LCS (1115006-BS1)				Prepared & Analyzed: 04/01/2011						
Nitrite as N	0.477	0.012	mg/L	0.5000		95.3	90-110			
Batch 1115009 - Cl_Titration_Prep										
Blank (1115009-BLK1)				Prepared & Analyzed: 04/04/2011						
Chloride	ND	1.0	mg/L							U
LCS (1115009-BS1)				Prepared & Analyzed: 04/04/2011						
Chloride	50.5	1.0	mg/L	50.00		101	94-108			
Duplicate (1115009-DUP1)		**Source: 11C1255-31**		Prepared & Analyzed: 04/04/2011						
Chloride	195	5.0	mg/L		197			1.27	11	D

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Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115009 - Cl_Titration_Prep										
Matrix Spike (1115009-MS1)	**Source: 11C1255-31**			Prepared & Analyzed: 04/04/2011						
Chloride	222	5.0	mg/L	25.00	197	100	89-112			D
Batch 1115011 - Alkalinity_Prep										
Blank (1115011-BLK1)				Prepared & Analyzed: 04/04/2011						
Alkalinity	ND	1.0	mg CaCO3/L							U
LCS (1115011-BS1)				Prepared & Analyzed: 04/04/2011						
Alkalinity	49.5	1.0	mg CaCO3/L	50.00		99.0	91-108			
Duplicate (1115011-DUP1)	**Source: 11C1255-32**			Prepared & Analyzed: 04/04/2011						
Alkalinity	ND	1.0	mg CaCO3/L		ND				18	U
Alkalinity, Bicarbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Carbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Hydroxide (as CaCO3)	ND	1.0	"		ND				18	U
Matrix Spike (1115011-MS1)	**Source: 11C1255-32**			Prepared & Analyzed: 04/04/2011						
Alkalinity	20.5	1.0	mg CaCO3/L	20.00	ND	102	83-114			
Batch 1115016 - NH3_Prep										
Blank (1115016-BLK1)				Prepared & Analyzed: 04/04/2011						
Ammonia as N	0.0733	0.10	mg/L							J
LCS (1115016-BS1)				Prepared & Analyzed: 04/04/2011						
Ammonia as N	2.17	0.10	mg/L	2.000		108	85-115			

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115016 - NH3_Prep										
Duplicate (1115016-DUP1)		**Source: 11C1675-01**		Prepared & Analyzed: 04/04/2011						
Ammonia as N	0.199	0.10	mg/L		0.194			2.24	20	
Duplicate (1115016-DUP2)		**Source: 11C1635-01**		Prepared & Analyzed: 04/04/2011						
Ammonia as N	0.370	0.10	mg/L		0.373			0.781	20	
Matrix Spike (1115016-MS1)		**Source: 11C1675-01**		Prepared & Analyzed: 04/04/2011						
Ammonia as N	2.09	0.10	mg/L	2.000	0.194	94.7	80-120			
Matrix Spike (1115016-MS2)		**Source: 11C1635-01**		Prepared & Analyzed: 04/04/2011						
Ammonia as N	2.17	0.10	mg/L	2.000	0.373	90.1	80-120			
Batch 1115024 - NO3_Prep										
Blank (1115024-BLK1)				Prepared & Analyzed: 04/04/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L							U
LCS (1115024-BS1)				Prepared & Analyzed: 04/04/2011						
Nitrate/Nitrite as N	2.54		mg/L	2.500		102	90-110			
Duplicate (1115024-DUP1)		**Source: 11C1727-01**		Prepared & Analyzed: 04/04/2011						
Nitrate/Nitrite as N	0.158	0.050	mg/L		0.184			14.9	20	
Duplicate (1115024-DUP2)		**Source: 11C1727-02**		Prepared & Analyzed: 04/04/2011						
Nitrate/Nitrite as N	0.226	0.050	mg/L		0.188			18.4	20	
Matrix Spike (1115024-MS1)		**Source: 11C1727-01**		Prepared & Analyzed: 04/04/2011						
Nitrate/Nitrite as N	1.79	0.050	mg/L	2.000	0.184	80.1	80-120			

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115024 - NO3_Prep										
Matrix Spike (1115024-MS2)	**Source: 11C1727-02**			Prepared & Analyzed: 04/04/2011						
Nitrate/Nitrite as N	2.07	0.050	mg/L	2.000	0.188	94.3	80-120			
Batch 1115025 - NO3_Prep										
Blank (1115025-BLK1)				Prepared & Analyzed: 04/04/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L							U
LCS (1115025-BS1)				Prepared & Analyzed: 04/04/2011						
Nitrate/Nitrite as N	2.58		mg/L	2.500		103	90-110			
Batch 1115045 - WetChem_Prep										
Blank (1115045-BLK1)				Prepared & Analyzed: 04/05/2011						
Nitrite as N	ND	0.012	mg/L							U
LCS (1115045-BS1)				Prepared & Analyzed: 04/05/2011						
Nitrite as N	0.544	0.012	mg/L	0.5000		109	90-110			
Duplicate (1115045-DUP1)	**Source: 11D0094-01**			Prepared & Analyzed: 04/05/2011						
Nitrite as N	ND	0.012	mg/L		ND				20	U
Duplicate (1115045-DUP2)	**Source: 11D0093-03**			Prepared & Analyzed: 04/05/2011						
Nitrite as N	0.00480	0.012	mg/L		ND				20	J
Matrix Spike (1115045-MS1)	**Source: 11D0094-01**			Prepared & Analyzed: 04/05/2011						
Nitrite as N	0.223	0.012	mg/L	0.2500	ND	89.3	80-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115045 - WetChem_Prep										
Matrix Spike (1115045-MS2)	**Source: 11D0093-03**			Prepared & Analyzed: 04/05/2011						
Nitrite as N	0.259	0.012	mg/L	0.2500	ND	104	80-120			
Batch 1115047 - WetChem_Prep										
Blank (1115047-BLK1)				Prepared & Analyzed: 04/05/2011						
Turbidity	ND	0.10	NTU							U
LCS (1115047-BS1)				Prepared & Analyzed: 04/05/2011						
Turbidity	10.0		NTU	10.00		100	80-120		5	
Duplicate (1115047-DUP1)	**Source: 11C1255-06**			Prepared & Analyzed: 04/05/2011						
Turbidity	572	2.0	NTU		574			0.349	5	D
Batch 1115064 - COD_Prep										
Blank (1115064-BLK1)				Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	ND	10	mg/L							U
Blank (1115064-BLK2)				Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	ND	10	mg/L							U
Blank (1115064-BLK3)				Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	ND	10	mg/L							U
LCS (1115064-BS1)				Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	41.9		mg/L	40.04		105	82-119			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115064 - COD_Prep										
LCS (1115064-BS2)				Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	41.9		mg/L	40.04		105	82-119			
LCS (1115064-BS3)				Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	38.5		mg/L	40.04		96.0	82-119			
Duplicate (1115064-DUP1)		**Source: 11C0963-01**		Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	20.9	10	mg/L		20.0			4.60	15	
Duplicate (1115064-DUP2)		**Source: 11C1643-01**		Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	41.0	10	mg/L		40.6			0.768	15	
Duplicate (1115064-DUP3)		**Source: 11D0094-01**		Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	14.3	10	mg/L		16.8			16.1	15	R3
Matrix Spike (1115064-MS1)		**Source: 11C0963-01**		Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	65.4	10	mg/L	50.05	20.0	90.7	82-116		15	
Matrix Spike (1115064-MS2)		**Source: 11C1643-01**		Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	90.4	10	mg/L	50.05	40.6	99.5	82-116		15	
Matrix Spike (1115064-MS3)		**Source: 11D0094-01**		Prepared: 04/05/2011 Analyzed: 04/06/2011						
COD, Total	58.2	10	mg/L	50.05	16.8	82.6	82-116		15	
Batch 1115125 - NH3_Prep										
Blank (1115125-BLK1)				Prepared: 04/06/2011 Analyzed: 04/07/2011						
Ammonia as N	0.0826	0.10	mg/L							J

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115125 - NH3_Prep										
LCS (1115125-BS1)				Prepared: 04/06/2011 Analyzed: 04/07/2011						
Ammonia as N	2.14	0.10	mg/L	2.000		107	85-115			
Duplicate (1115125-DUP1)		Source: 11D0073-01		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Ammonia as N	0.170	0.10	mg/L		0.164			3.12	20	
Duplicate (1115125-DUP2)		Source: 11D0094-02		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Ammonia as N	0.114	0.10	mg/L		0.117			2.42	20	
Matrix Spike (1115125-MS1)		Source: 11D0073-01		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Ammonia as N	3.10	0.10	mg/L	2.500	0.164	118	80-120			
Matrix Spike (1115125-MS2)		Source: 11D0094-02		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Ammonia as N	2.05	0.10	mg/L	2.000	0.117	96.7	80-120			
Batch 1115150 - Alkalinity_Prep										
Blank (1115150-BLK1)				Prepared: 04/07/2011 Analyzed: 04/15/2011						
Alkalinity	ND	1.0	mg CaCO3/L							U
LCS (1115150-BS1)				Prepared: 04/07/2011 Analyzed: 04/15/2011						
Alkalinity	50.5	1.0	mg CaCO3/L	50.00		101	91-108			
Duplicate (1115150-DUP1)		Source: 11C1255-04		Prepared: 04/07/2011 Analyzed: 04/15/2011						
Alkalinity	630	10	mg CaCO3/L		635			0.791	18	D
Alkalinity, Bicarbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Carbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Hydroxide (as CaCO3)	ND	1.0	"		ND				18	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115150 - Alkalinity_Prep										
Matrix Spike (1115150-MS1)	**Source: 11C1255-04**			Prepared: 04/07/2011 Analyzed: 04/15/2011						
Alkalinity	830	10	mg CaCO3/L	200.0	635	97.5	83-114			D
Batch 1115167 - NO3_Prep										
Blank (1115167-BLK1)				Prepared & Analyzed: 04/07/2011						
Nitrate/Nitrite as N	ND	0.050	mg/L							U
LCS (1115167-BS1)				Prepared & Analyzed: 04/07/2011						
Nitrate/Nitrite as N	2.57		mg/L	2.500		103	90-110			
Duplicate (1115167-DUP1)	**Source: 11D0223-01**			Prepared & Analyzed: 04/07/2011						
Nitrate/Nitrite as N	2.21	0.050	mg/L		2.27			2.84	20	
Matrix Spike (1115167-MS1)	**Source: 11D0223-01**			Prepared & Analyzed: 04/07/2011						
Nitrate/Nitrite as N	24.6	0.50	mg/L	20.00	2.27	111	80-120			D
Batch 1115170 - WetChem_Prep										
Blank (1115170-BLK1)				Prepared & Analyzed: 04/07/2011						
Nitrite as N	ND	0.012	mg/L							U
LCS (1115170-BS1)				Prepared & Analyzed: 04/07/2011						
Nitrite as N	0.527	0.012	mg/L	0.5000		105	90-110			
Duplicate (1115170-DUP1)	**Source: 11D0291-03**			Prepared & Analyzed: 04/07/2011						
Nitrite as N	ND	0.012	mg/L		ND				20	U

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Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115170 - WetChem_Prep										
Matrix Spike (1115170-MS1)	**Source: 11D0291-03**			Prepared & Analyzed: 04/07/2011						
Nitrite as N	0.247	0.012	mg/L	0.2500	ND	98.7	80-120			
Batch 1115185 - WetChem_Prep										
Blank (1115185-BLK1)				Prepared & Analyzed: 04/07/2011						
Turbidity	ND	0.10	NTU							U
LCS (1115185-BS1)				Prepared & Analyzed: 04/07/2011						
Turbidity	10.1		NTU	10.00		101	80-120		5	
Duplicate (1115185-DUP1)	**Source: 11C1255-19**			Prepared & Analyzed: 04/07/2011						
Turbidity	0.510	0.10	NTU		0.500			1.98	5	
Batch 1115210 - WetChem_TDS_Prep										
Blank (1115210-BLK1)				Prepared & Analyzed: 04/08/2011						
Total Dissolved Solids	2.0	10	mg/L							J, D
Blank (1115210-BLK2)				Prepared & Analyzed: 04/08/2011						
Total Dissolved Solids	ND	10	mg/L							U, D
Blank (1115210-BLK3)				Prepared & Analyzed: 04/08/2011						
Total Dissolved Solids	2.0	10	mg/L							J, D
LCS (1115210-BS1)				Prepared & Analyzed: 04/08/2011						
Total Dissolved Solids	20000	100	mg/L	20000		100	90-111			D

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Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115210 - WetChem_TDS_Prep										
LCS (1115210-BS2)				Prepared & Analyzed: 04/08/2011						
Total Dissolved Solids	19000	100	mg/L	20000		97.4	90-111			D
LCS (1115210-BS3)				Prepared & Analyzed: 04/08/2011						
Total Dissolved Solids	20000	100	mg/L	20000		99.8	90-111			D
Duplicate (1115210-DUP1)		**Source: 11D0093-01**		Prepared & Analyzed: 04/08/2011						
Total Dissolved Solids	140	10	mg/L		150			2.13	10	D
Duplicate (1115210-DUP2)		**Source: 11D0094-01**		Prepared & Analyzed: 04/08/2011						
Total Dissolved Solids	91	10	mg/L		92			1.00	10	D
Duplicate (1115210-DUP3)		**Source: 11C1255-01**		Prepared & Analyzed: 04/08/2011						
Total Dissolved Solids	1200	10	mg/L		1100			2.17	10	D
Batch 1116042 - COD_Prep										
Blank (1116042-BLK1)				Prepared & Analyzed: 04/12/2011						
COD, Total	ND	10	mg/L							U
Blank (1116042-BLK2)				Prepared & Analyzed: 04/12/2011						
COD, Total	ND	10	mg/L							U
LCS (1116042-BS1)				Prepared & Analyzed: 04/12/2011						
COD, Total	40.2		mg/L	40.04		100	82-119			
LCS (1116042-BS2)				Prepared & Analyzed: 04/12/2011						
COD, Total	40.8		mg/L	40.04		102	82-119			

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Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1116042 - COD_Prep										
Duplicate (1116042-DUP1)		**Source: 11D0513-01**		Prepared & Analyzed: 04/12/2011						
COD, Total	ND	10	mg/L		ND				15	U
Duplicate (1116042-DUP2)		**Source: 11D0485-02**		Prepared & Analyzed: 04/12/2011						
COD, Total	45.6	10	mg/L		47.5			4.09	15	
Matrix Spike (1116042-MS1)		**Source: 11D0513-01**		Prepared & Analyzed: 04/12/2011						
COD, Total	48.4	10	mg/L	50.05	ND	96.8	82-116		15	
Matrix Spike (1116042-MS2)		**Source: 11D0485-02**		Prepared & Analyzed: 04/12/2011						
COD, Total	92.9	10	mg/L	50.05	47.5	90.6	82-116		15	
Batch 1116047 - Cl_Titration_Prep										
Blank (1116047-BLK1)				Prepared: 04/12/2011 Analyzed: 04/13/2011						
Chloride	ND	1.0	mg/L							U
Blank (1116047-BLK2)				Prepared: 04/12/2011 Analyzed: 04/13/2011						
Chloride	ND	1.0	mg/L							U
LCS (1116047-BS1)				Prepared: 04/12/2011 Analyzed: 04/13/2011						
Chloride	50.0	1.0	mg/L	50.00		100	94-108			
LCS (1116047-BS2)				Prepared: 04/12/2011 Analyzed: 04/13/2011						
Chloride	50.5	1.0	mg/L	50.00		101	94-108			
Duplicate (1116047-DUP1)		**Source: 11C1255-39**		Prepared: 04/12/2011 Analyzed: 04/13/2011						
Chloride	88.0	2.0	mg/L		87.0			1.14	11	D

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Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1116047 - Cl_Titration_Prep										
Duplicate (1116047-DUP2)		**Source: 11C1255-19**		Prepared: 04/12/2011 Analyzed: 04/13/2011						
Chloride	45.0	2.0	mg/L		45.0			0.00	11	D
Matrix Spike (1116047-MS1)		**Source: 11C1255-39**		Prepared: 04/12/2011 Analyzed: 04/13/2011						
Chloride	113	2.0	mg/L	25.00	87.0	104	89-112			D
Matrix Spike (1116047-MS2)		**Source: 11C1255-19**		Prepared: 04/12/2011 Analyzed: 04/13/2011						
Chloride	70.0	2.0	mg/L	25.00	45.0	100	89-112			D
Batch 1116163 - Alkalinity_Prep										
Blank (1116163-BLK1)				Prepared & Analyzed: 04/14/2011						
Alkalinity	ND	1.0	mg CaCO3/L							U
LCS (1116163-BS1)				Prepared & Analyzed: 04/14/2011						
Alkalinity	50.0	1.0	mg CaCO3/L	50.00		100	91-108			
Duplicate (1116163-DUP1)		**Source: 11D0629-01**		Prepared & Analyzed: 04/14/2011						
Alkalinity	425	10	mg CaCO3/L		420			1.18	18	D
Alkalinity, Bicarbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Carbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Hydroxide (as CaCO3)	ND	1.0	"		ND				18	U
Matrix Spike (1116163-MS1)		**Source: 11D0629-01**		Prepared & Analyzed: 04/14/2011						
Alkalinity	605	10	mg CaCO3/L	200.0	420	92.5	83-114			D
Batch 1116182 - WetCem_SO4_Prep										
Blank (1116182-BLK1)				Prepared & Analyzed: 04/14/2011						
Sulfate as SO4	ND	1.0	mg/L							U

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Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1116182 - WetCem_SO4_Prep										
Blank (1116182-BLK2)				Prepared & Analyzed: 04/14/2011						
Sulfate as SO4	ND	1.0	mg/L							U
LCS (1116182-BS1)				Prepared & Analyzed: 04/14/2011						
Sulfate as SO4	20.1	1.0	mg/L	20.00		101	80-120			
LCS (1116182-BS2)				Prepared & Analyzed: 04/14/2011						
Sulfate as SO4	19.6	1.0	mg/L	20.00		97.9	80-120			
Duplicate (1116182-DUP1)		**Source: 11D0094-01**		Prepared & Analyzed: 04/14/2011						
Sulfate as SO4	6.02	1.0	mg/L		4.73			24.1	20	R1
Duplicate (1116182-DUP2)		**Source: 11C1255-11**		Prepared & Analyzed: 04/14/2011						
Sulfate as SO4	440	25	mg/L		455			3.46	20	D
Matrix Spike (1116182-MS1)		**Source: 11D0094-01**		Prepared & Analyzed: 04/14/2011						
Sulfate as SO4	27.7	1.0	mg/L	20.00	4.73	115	80-120		20	
Matrix Spike (1116182-MS2)		**Source: 11C1255-11**		Prepared & Analyzed: 04/14/2011						
Sulfate as SO4	915	25	mg/L	500.0	455	91.9	80-120		20	D
Batch 1117009 - Alkalinity_Prep										
Blank (1117009-BLK1)				Prepared & Analyzed: 04/18/2011						
Alkalinity	ND	1.0	mg CaCO3/L							U
LCS (1117009-BS1)				Prepared & Analyzed: 04/18/2011						
Alkalinity	50.0	1.0	mg CaCO3/L	50.00		100	91-108			

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Wet Chemistry - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1117009 - Alkalinity_Prep										
Duplicate (1117009-DUP1)	**Source: 11C1255-19**			Prepared & Analyzed: 04/18/2011						
Alkalinity	76.0	2.0	mg CaCO3/L		75.0			1.32	18	D
Alkalinity, Bicarbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Carbonate (as CaCO3)	ND	1.0	"		ND				18	U
Alkalinity, Hydroxide (as CaCO3)	ND	1.0	"		ND				18	U
Matrix Spike (1117009-MS1)	**Source: 11C1255-19**			Prepared & Analyzed: 04/18/2011						
Alkalinity	118	2.0	mg CaCO3/L	40.00	75.0	108	83-114			D
Batch 1117021 - Cl_Titration_Prep										
Blank (1117021-BLK1)				Prepared & Analyzed: 04/18/2011						
Chloride	ND	1.0	mg/L							U
Blank (1117021-BLK2)				Prepared & Analyzed: 04/18/2011						
Chloride	ND	1.0	mg/L							U
LCS (1117021-BS1)				Prepared & Analyzed: 04/18/2011						
Chloride	50.0	1.0	mg/L	50.00		100	94-108			
LCS (1117021-BS2)				Prepared & Analyzed: 04/18/2011						
Chloride	49.5	1.0	mg/L	50.00		99.0	94-108			
Duplicate (1117021-DUP1)	**Source: 11C1255-03**			Prepared & Analyzed: 04/18/2011						
Chloride	42.0	2.0	mg/L		41.0			2.41	11	D
Duplicate (1117021-DUP2)	**Source: 11C1255-09**			Prepared & Analyzed: 04/18/2011						
Chloride	58.0	2.0	mg/L		58.0			0.00	11	D

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1117021 - Cl_Titration_Prep										
Matrix Spike (1117021-MS1)	**Source: 11C1255-03**			Prepared & Analyzed: 04/18/2011						
Chloride	65.0	2.0	mg/L	25.00	41.0	96.0	89-112			D
Matrix Spike (1117021-MS2)	**Source: 11C1255-09**			Prepared & Analyzed: 04/18/2011						
Chloride	83.0	2.0	mg/L	25.00	58.0	100	89-112			D
Batch 1117088 - WetCem_SO4_Prep										
Blank (1117088-BLK1)				Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	ND	1.0	mg/L							U
Blank (1117088-BLK2)				Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	ND	1.0	mg/L							U
Blank (1117088-BLK3)				Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	ND	1.0	mg/L							U
LCS (1117088-BS1)				Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	20.4	1.0	mg/L	20.00		102	80-120			
LCS (1117088-BS2)				Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	21.6	1.0	mg/L	20.00		108	80-120			
LCS (1117088-BS3)				Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	21.8	1.0	mg/L	20.00		109	80-120			
Duplicate (1117088-DUP1)	**Source: 11C1255-48**			Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	615	50	mg/L		607			1.24	20	D

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Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1117088 - WetCem_SO4_Prep										
Duplicate (1117088-DUP2)		**Source: 11D0198-04**		Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	11.0	1.0	mg/L		11.0			0.00	20	
Duplicate (1117088-DUP3)		**Source: 11D0198-07**		Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	8.41	1.0	mg/L		7.88			6.46	20	
Matrix Spike (1117088-MS1)		**Source: 11C1255-48**		Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	1630	50	mg/L	1000	607	102	80-120		20	D
Matrix Spike (1117088-MS2)		**Source: 11D0198-04**		Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	31.0	1.0	mg/L	20.00	11.0	99.6	80-120		20	
Matrix Spike (1117088-MS3)		**Source: 11D0198-07**		Prepared: 04/19/2011 Analyzed: 04/20/2011						
Sulfate as SO4	26.8	1.0	mg/L	20.00	7.88	94.4	80-120		20	

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Mercury, Dissolved by EPA 200/7000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114258 - Metals_Hg_Prep										
Blank (1114258-BLK1)				Prepared: 04/01/2011 Analyzed: 04/04/2011						
Mercury	ND	0.00020	mg/L							
LCS (1114258-BS1)				Prepared: 04/01/2011 Analyzed: 04/04/2011						
Mercury	0.00208	0.00020	mg/L	0.002006		104	85-115			
Duplicate (1114258-DUP1)		**Source: 11C1727-02**		Prepared: 04/01/2011 Analyzed: 04/05/2011						
Mercury	ND	0.00020	mg/L		ND				20	
Matrix Spike (1114258-MS1)		**Source: 11C1727-02**		Prepared: 04/01/2011 Analyzed: 04/05/2011						
Mercury	0.00204	0.00020	mg/L	0.002006	ND	102	70-130			
Matrix Spike Dup (1114258-MSD1)		**Source: 11C1727-02**		Prepared: 04/01/2011 Analyzed: 04/05/2011						
Mercury	0.00203	0.00020	mg/L	0.002006	ND	101	70-130	0.412	20	
Batch 1115126 - Metals_Hg_Prep										
Blank (1115126-BLK1)				Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	ND	0.00020	mg/L							
Blank (1115126-BLK2)				Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	ND	0.00020	mg/L							
LCS (1115126-BS1)				Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	0.00210	0.00020	mg/L	0.002006		105	85-115			
LCS (1115126-BS2)				Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	0.00217	0.00020	mg/L	0.002006		108	85-115			

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Mercury, Dissolved by EPA 200/7000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115126 - Metals_Hg_Prep										
Duplicate (1115126-DUP1)		**Source: 11C0963-01**		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	ND	0.00020	mg/L		ND				20	
Matrix Spike (1115126-MS1)		**Source: 11C0963-01**		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	0.00216	0.00020	mg/L	0.002006	ND	108	70-130			
Matrix Spike Dup (1115126-MSD1)		**Source: 11C0963-01**		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	0.00218	0.00020	mg/L	0.002006	ND	109	70-130	0.870	20	
Batch M1D0507 - 1114258										
Instrument Blank (M1D0507-IBL1)				Prepared & Analyzed: 04/04/2011						
Mercury	ND	0.00020	ug/L							
Batch M1D0710 - 1115126										
Instrument Blank (M1D0710-IBL1)				Prepared & Analyzed: 04/07/2011						
Mercury	ND	0.00020	ug/L							

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Mercury, Total by EPA 200/7000 Series Methods - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113104 - Metals_Hg_Prep										
Blank (1113104-BLK1)				Prepared & Analyzed: 03/23/2011						
Mercury	ND	0.00020	mg/L							U
LCS (1113104-BS1)				Prepared & Analyzed: 03/23/2011						
Mercury	0.00202	0.00020	mg/L	0.002006		101	85-115			
Duplicate (1113104-DUP1)		**Source: 11C1245-01**		Prepared & Analyzed: 03/23/2011						
Mercury	ND	0.00020	mg/L		ND				20	U
Matrix Spike (1113104-MS1)		**Source: 11C1245-01**		Prepared & Analyzed: 03/23/2011						
Mercury	0.00204	0.00020	mg/L	0.002006	ND	102	70-130		20	
Matrix Spike Dup (1113104-MSD1)		**Source: 11C1245-01**		Prepared & Analyzed: 03/23/2011						
Mercury	0.00205	0.00020	mg/L	0.002006	ND	102	70-130	0.339	20	
Batch 1113227 - Metals_Hg_Prep										
Blank (1113227-BLK1)				Prepared & Analyzed: 03/25/2011						
Mercury	ND	0.00020	mg/L							U
LCS (1113227-BS1)				Prepared & Analyzed: 03/25/2011						
Mercury	0.00200	0.00020	mg/L	0.002006		99.8	85-115			
Duplicate (1113227-DUP1)		**Source: 11C1381-02**		Prepared & Analyzed: 03/25/2011						
Mercury	ND	0.00020	mg/L		ND				20	U
Matrix Spike (1113227-MS1)		**Source: 11C1381-02**		Prepared & Analyzed: 03/25/2011						
Mercury	0.00195	0.00020	mg/L	0.002006	ND	97.1	70-130		20	

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Mercury, Total by EPA 200/7000 Series Methods - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113227 - Metals_Hg_Prep										
Matrix Spike Dup (1113227-MSD1)	**Source: 11C1381-02**			Prepared & Analyzed: 03/25/2011						
Mercury	0.00195	0.00020	mg/L	0.002006	ND	97.3	70-130	0.192	20	
Batch 1114258 - Metals_Hg_Prep										
Blank (1114258-BLK1)				Prepared: 04/01/2011 Analyzed: 04/04/2011						
Mercury	ND	0.00020	mg/L							U
LCS (1114258-BS1)				Prepared: 04/01/2011 Analyzed: 04/04/2011						
Mercury	0.00208	0.00020	mg/L	0.002006		104	85-115			
Duplicate (1114258-DUP1)	**Source: 11C1727-02**			Prepared: 04/01/2011 Analyzed: 04/05/2011						
Mercury	ND	0.00020	mg/L		ND				20	U
Matrix Spike (1114258-MS1)	**Source: 11C1727-02**			Prepared: 04/01/2011 Analyzed: 04/05/2011						
Mercury	0.00204	0.00020	mg/L	0.002006	ND	102	70-130		20	
Matrix Spike Dup (1114258-MSD1)	**Source: 11C1727-02**			Prepared: 04/01/2011 Analyzed: 04/05/2011						
Mercury	0.00203	0.00020	mg/L	0.002006	ND	101	70-130	0.412	20	
Batch 1115126 - Metals_Hg_Prep										
Blank (1115126-BLK1)				Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	ND	0.00020	mg/L							U
Blank (1115126-BLK2)				Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	ND	0.00020	mg/L							U

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Mercury, Total by EPA 200/7000 Series Methods - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115126 - Metals_Hg_Prep										
LCS (1115126-BS1)				Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	0.00210	0.00020	mg/L	0.002006		105	85-115			
LCS (1115126-BS2)				Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	0.00217	0.00020	mg/L	0.002006		108	85-115			
Duplicate (1115126-DUP1)		**Source: 11C0963-01**		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	ND	0.00020	mg/L		ND				20	U
Duplicate (1115126-DUP2)		**Source: 11D0094-03**		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	ND	0.00020	mg/L		ND				20	U
Matrix Spike (1115126-MS1)		**Source: 11C0963-01**		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	0.00216	0.00020	mg/L	0.002006	ND	108	70-130		20	
Matrix Spike (1115126-MS2)		**Source: 11D0094-03**		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	0.00186	0.00020	mg/L	0.002006	ND	92.9	70-130		20	
Matrix Spike Dup (1115126-MSD1)		**Source: 11C0963-01**		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	0.00218	0.00020	mg/L	0.002006	ND	109	70-130	0.870	20	
Matrix Spike Dup (1115126-MSD2)		**Source: 11D0094-03**		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Mercury	0.00198	0.00020	mg/L	0.002006	ND	98.7	70-130	5.96	20	
Batch 1115238 - Metals_Hg_Prep										
Blank (1115238-BLK1)				Prepared: 04/08/2011 Analyzed: 04/11/2011						
Mercury	ND	0.00020	mg/L							U

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Mercury, Total by EPA 200/7000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115238 - Metals_Hg_Prep										
LCS (1115238-BS1)				Prepared: 04/08/2011 Analyzed: 04/11/2011						
Mercury	0.00212	0.00020	mg/L	0.002006		105	85-115			
Duplicate (1115238-DUP1)		**Source: 11D0389-04**		Prepared: 04/08/2011 Analyzed: 04/11/2011						
Mercury	0.0000559	0.00020	mg/L		0.0000569			1.77	20	J
Matrix Spike (1115238-MS1)		**Source: 11D0389-04**		Prepared: 04/08/2011 Analyzed: 04/11/2011						
Mercury	0.00203	0.00020	mg/L	0.002006	0.0000569	98.6	70-130		20	
Matrix Spike Dup (1115238-MSD1)		**Source: 11D0389-04**		Prepared: 04/08/2011 Analyzed: 04/11/2011						
Mercury	0.00207	0.00020	mg/L	0.002006	0.0000569	101	70-130	1.97	20	
Batch M1C2402 - 1113104										
Instrument Blank (M1C2402-IBL1)				Prepared & Analyzed: 03/23/2011						
Mercury	ND	0.00020	ug/L							U
Batch M1C2510 - 1113227										
Instrument Blank (M1C2510-IBL1)				Prepared & Analyzed: 03/25/2011						
Mercury	ND	0.00020	ug/L							U
Batch M1D0507 - 1114258										
Instrument Blank (M1D0507-IBL1)				Prepared & Analyzed: 04/04/2011						
Mercury	ND	0.00020	ug/L							U

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Mercury, Total by EPA 200/7000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch M1D0710 - 1115126										
Instrument Blank (M1D0710-IBL1)				Prepared & Analyzed: 04/07/2011						
Mercury	ND	0.00020	ug/L							U
Batch M1D0711 - 1115126										
Instrument Blank (M1D0711-IBL1)				Prepared & Analyzed: 04/07/2011						
Mercury	ND	0.00020	ug/L							U
Batch M1D1201 - 1115238										
Instrument Blank (M1D1201-IBL1)				Prepared & Analyzed: 04/08/2011						
Mercury	ND	0.00020	ug/L							U

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Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113057 - EPA 200.2 ICP										
Blank (1113057-BLK1)				Prepared & Analyzed: 03/22/2011						
Calcium	ND	0.050	mg/L							U
Iron	0.00303	0.0050	"							J
Magnesium	ND	0.010	"							U
Potassium	0.00813	0.010	"							J
Sodium	ND	1.0	"							U
LCS (1113057-BS1)				Prepared & Analyzed: 03/22/2011						
Calcium	9.89	0.050	mg/L	10.00		98.9	85-115		20	
Iron	5.11	0.0050	"	5.000		102	85-115		20	
Magnesium	10.4	0.010	"	10.00		104	85-115		20	
Potassium	10.3	0.010	"	10.00		103	85-115		20	
Sodium	10.5	1.0	"	10.00		105	85-115		20	
Duplicate (1113057-DUP1)		**Source: 11C1255-31**		Prepared & Analyzed: 03/22/2011						
Calcium	19.6	0.050	mg/L		19.5			0.951	20	
Iron	124	0.10	"		129			4.12	20	D
Magnesium	21.8	0.010	"		21.5			1.23	20	
Potassium	3.30	0.010	"		3.28			0.819	20	
Sodium	126	20	"		126			0.442	20	D
Matrix Spike (1113057-MS1)		**Source: 11C1255-31**		Prepared & Analyzed: 03/22/2011						
Calcium	29.8	0.050	mg/L	10.00	19.5	104	80-120		20	
Iron	126	0.0050	"	5.000	129	NR	80-120		20	
Magnesium	31.7	0.010	"	10.00	21.5	102	80-120		20	
Potassium	14.2	0.010	"	10.00	3.28	110	80-120		20	
Sodium	ND	1.0	"	10.00	126	NR	80-120		20	U
Matrix Spike Dup (1113057-MSD1)		**Source: 11C1255-31**		Prepared & Analyzed: 03/22/2011						
Calcium	30.0	0.050	mg/L	10.00	19.5	106	80-120	0.709	20	
Iron	127	0.0050	"	5.000	129	NR	80-120	0.620	20	
Magnesium	32.0	0.010	"	10.00	21.5	105	80-120	0.913	20	
Potassium	14.4	0.010	"	10.00	3.28	111	80-120	1.10	20	
Sodium	ND	1.0	"	10.00	126	NR	80-120		20	U

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Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113057 - EPA 200.2 ICP										
Post Spike (1113057-PS1)	**Source: 11C1255-31**			Prepared & Analyzed: 03/22/2011						
Calcium	10.6		mg/L	10.00	0.973	96.0	90-110			D
Iron	11.4		"	5.000	6.47	98.4	90-110			D
Magnesium	11.3		"	10.00	1.08	102	90-110			D
Potassium	10.2		"	10.00	0.164	100	90-110			D
Sodium	15.8		"	10.00	6.32	94.4	90-110			D
Batch 1113066 - EPA 200.2 ICPMS										
Blank (1113066-BLK1)				Prepared & Analyzed: 03/22/2011						
Antimony	ND	0.0050	mg/L							U
Barium	ND	0.0050	"							U
Chromium	ND	0.0020	"							U
Arsenic	ND	0.0020	"							U
Silver	ND	0.0010	"							U
Beryllium	ND	0.0010	"							U
Zinc	ND	0.0050	"							U
Nickel	ND	0.0050	"							U
Vanadium	ND	0.0050	"							U
Selenium	ND	0.0050	"							U
Lead	ND	0.0010	"							U
Thallium	ND	0.0010	"							U
Cadmium	ND	0.00050	"							U
Cobalt	ND	0.0050	"							U
Manganese	ND	0.0010	"							U
Copper	ND	0.0010	"							U
Blank (1113066-BLK2)				Prepared: 03/22/2011 Analyzed: 03/23/2011						
Manganese	ND	0.0010	mg/L							U
Vanadium	0.000886	0.0050	"							J

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Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113066 - EPA 200.2 ICPMS										
Blank (1113066-BLK3)				Prepared: 03/22/2011 Analyzed: 03/23/2011						
Zinc	0.00143	0.0050	mg/L							J
LCS (1113066-BS1)				Prepared & Analyzed: 03/22/2011						
Arsenic	0.202	0.0020	mg/L	0.2000		101	85-115		20	
Beryllium	0.182	0.0010	"	0.2000		91.1	85-115		20	
Barium	0.205	0.0050	"	0.2000		102	85-115		20	
Cobalt	0.210	0.0050	"	0.2000		105	85-115		20	
Chromium	0.210	0.0020	"	0.2000		105	85-115		20	
Silver	0.111	0.0010	"	0.1000		111	85-115		20	
Manganese	0.214	0.0010	"	0.2000		107	85-115		20	
Cadmium	0.198	0.00050	"	0.2000		98.8	85-115		20	
Copper	0.201	0.0010	"	0.2000		100	85-115		20	
Thallium	0.214	0.0010	"	0.2000		107	85-115		20	
Selenium	0.200	0.0050	"	0.2000		99.8	85-115		20	
Lead	0.211	0.0010	"	0.2000		106	85-115		20	
Vanadium	0.199	0.0050	"	0.2000		99.4	85-115		20	
Zinc	0.193	0.0050	"	0.2000		96.5	85-115		20	
Antimony	0.239	0.0050	"	0.2000		120	85-115		20	L2
Nickel	0.211	0.0050	"	0.2000		106	85-115		20	
LCS (1113066-BS2)				Prepared: 03/22/2011 Analyzed: 03/23/2011						
Vanadium	0.212	0.0050	mg/L	0.2000		106	85-115		20	
Manganese	0.208	0.0010	"	0.2000		104	85-115		20	
LCS (1113066-BS3)				Prepared: 03/22/2011 Analyzed: 03/23/2011						
Zinc	0.203	0.0050	mg/L	0.2000		101	85-115		20	
Duplicate (1113066-DUP1)		**Source: 11C1255-32**		Prepared & Analyzed: 03/22/2011						
Manganese	0.524	0.0010	mg/L		0.536			2.26	20	
Selenium	0.000735	0.0050	"		0.000718			2.34	20	J
Barium	0.0150	0.0050	"		0.0150			0.261	20	
Thallium	ND	0.0010	"		ND				20	U
Beryllium	0.00634	0.0010	"		0.00636			0.221	20	
Antimony	ND	0.0050	"		ND				20	U
Chromium	0.00146	0.0020	"		0.00142			2.84	20	J
Lead	0.00103	0.0010	"		0.00115			11.0	20	
Arsenic	ND	0.0020	"		ND				20	U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113066 - EPA 200.2 ICPMS										
Duplicate (1113066-DUP1)		**Source: 11C1255-32**		Prepared & Analyzed: 03/22/2011						
Copper	0.00432	0.0010	mg/L		0.00535			21.3	20	R3
Silver	ND	0.0010	"		ND				20	U
Vanadium	ND	0.0050	"		ND				20	U
Nickel	0.243	0.0050	"		0.257			5.78	20	
Zinc	0.302	0.0050	"		0.304			0.621	20	
Cobalt	0.144	0.0050	"		0.147			2.15	20	
Cadmium	0.00106	0.00050	"		0.00101			4.55	20	
Duplicate (1113066-DUP2)		**Source: 11C1255-32**		Prepared: 03/22/2011 Analyzed: 03/23/2011						
Manganese	0.545	0.0010	mg/L		0.536			1.64	20	
Vanadium	ND	0.0050	"		ND				20	U
Duplicate (1113066-DUP3)		**Source: 11C1255-32**		Prepared: 03/22/2011 Analyzed: 03/23/2011						
Zinc	0.331	0.0050	mg/L		0.304			8.48	20	
Matrix Spike (1113066-MS1)		**Source: 11C1255-32**		Prepared & Analyzed: 03/22/2011						
Lead	0.199	0.0010	mg/L	0.2000	0.00115	99.2	70-130		20	
Cadmium	0.217	0.00050	"	0.2000	0.00101	108	70-130		20	
Beryllium	0.185	0.0010	"	0.2000	0.00636	89.5	70-130		20	
Cobalt	0.355	0.0050	"	0.2000	0.147	104	70-130		20	
Chromium	0.198	0.0020	"	0.2000	0.00142	98.2	70-130		20	
Manganese	0.749	0.0010	"	0.2000	0.536	107	70-130		20	
Nickel	0.455	0.0050	"	0.2000	0.257	98.7	70-130		20	
Copper	0.205	0.0010	"	0.2000	0.00535	99.9	70-130		20	
Silver	0.111	0.0010	"	0.1000	ND	111	70-130		20	
Zinc	0.490	0.0050	"	0.2000	0.304	93.2	70-130		20	
Barium	0.226	0.0050	"	0.2000	0.0150	106	70-130		20	
Vanadium	0.195	0.0050	"	0.2000	ND	97.6	70-130		20	
Thallium	0.198	0.0010	"	0.2000	ND	99.1	70-130		20	
Selenium	0.173	0.0050	"	0.2000	0.000718	86.2	70-130		20	
Arsenic	0.205	0.0020	"	0.2000	ND	103	70-130		20	
Antimony	0.238	0.0050	"	0.2000	ND	119	70-130		20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113066 - EPA 200.2 ICPMS										
Matrix Spike (1113066-MS2)	**Source: 11C1255-32**			Prepared: 03/22/2011 Analyzed: 03/23/2011						
Manganese	0.745	0.0010	mg/L	0.2000	0.536	105	70-130		20	
Vanadium	0.208	0.0050	"	0.2000	ND	104	70-130		20	
Matrix Spike (1113066-MS3)	**Source: 11C1255-32**			Prepared: 03/22/2011 Analyzed: 03/23/2011						
Zinc	0.497	0.0050	mg/L	0.2000	0.304	96.5	70-130		20	
Matrix Spike Dup (1113066-MSD1)	**Source: 11C1255-32**			Prepared & Analyzed: 03/22/2011						
Zinc	0.476	0.0050	mg/L	0.2000	0.304	85.9	70-130	3.03	20	
Barium	0.218	0.0050	"	0.2000	0.0150	101	70-130	3.96	20	
Manganese	0.757	0.0010	"	0.2000	0.536	110	70-130	0.958	20	
Beryllium	0.191	0.0010	"	0.2000	0.00636	92.3	70-130	3.00	20	
Cobalt	0.343	0.0050	"	0.2000	0.147	98.0	70-130	3.40	20	
Arsenic	0.203	0.0020	"	0.2000	ND	102	70-130	0.880	20	
Copper	0.191	0.0010	"	0.2000	0.00535	92.7	70-130	7.29	20	
Cadmium	0.206	0.00050	"	0.2000	0.00101	102	70-130	5.25	20	
Chromium	0.211	0.0020	"	0.2000	0.00142	105	70-130	6.59	20	
Selenium	0.161	0.0050	"	0.2000	0.000718	79.9	70-130	7.53	20	
Silver	0.113	0.0010	"	0.1000	ND	113	70-130	1.54	20	
Vanadium	0.197	0.0050	"	0.2000	ND	98.5	70-130	0.872	20	
Thallium	0.209	0.0010	"	0.2000	ND	105	70-130	5.28	20	
Lead	0.211	0.0010	"	0.2000	0.00115	105	70-130	5.54	20	
Nickel	0.452	0.0050	"	0.2000	0.257	97.4	70-130	0.582	20	
Antimony	0.256	0.0050	"	0.2000	ND	128	70-130	7.32	20	
Matrix Spike Dup (1113066-MSD2)	**Source: 11C1255-32**			Prepared: 03/22/2011 Analyzed: 03/23/2011						
Vanadium	0.205	0.0050	mg/L	0.2000	ND	103	70-130	1.57	20	
Manganese	0.768	0.0010	"	0.2000	0.536	116	70-130	2.99	20	

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Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113066 - EPA 200.2 ICPMS										
Matrix Spike Dup (1113066-MSD3)	**Source: 11C1255-32**			Prepared: 03/22/2011 Analyzed: 03/23/2011						
Zinc	0.519	0.0050	mg/L	0.2000	0.304	108	70-130	4.35	20	
Batch 1113232 - EPA 200.2 ICP										
Blank (1113232-BLK1)				Prepared: 03/25/2011 Analyzed: 03/29/2011						
Calcium	ND	0.050	mg/L							U
Iron	0.0235	0.0050	"							B1
Magnesium	ND	0.010	"							U
Potassium	0.00770	0.010	"							J
Sodium	0.873	1.0	"							J
LCS (1113232-BS1)				Prepared: 03/25/2011 Analyzed: 03/29/2011						
Calcium	10.0	0.050	mg/L	10.00		100	85-115		20	
Iron	5.12	0.0050	"	5.000		102	85-115		20	B
Magnesium	10.5	0.010	"	10.00		105	85-115		20	
Potassium	10.4	0.010	"	10.00		104	85-115		20	
Sodium	9.52	1.0	"	10.00		95.2	85-115		20	
Duplicate (1113232-DUP1)	**Source: 11C1255-33**			Prepared: 03/25/2011 Analyzed: 03/29/2011						
Calcium	10.9	0.050	mg/L		11.5			5.69	20	
Iron	42.2	0.050	"		44.8			6.13	20	D, B
Magnesium	7.00	0.010	"		7.42			5.81	20	
Potassium	0.746	0.010	"		0.793			6.18	20	
Sodium	20.5	1.0	"		21.7			5.97	20	
Matrix Spike (1113232-MS1)	**Source: 11C1255-33**			Prepared: 03/25/2011 Analyzed: 03/29/2011						
Calcium	20.6	0.050	mg/L	10.00	11.5	90.5	80-120		20	
Iron	49.8	0.0050	"	5.000	44.8	98.3	80-120		20	B
Magnesium	17.4	0.010	"	10.00	7.42	99.6	80-120		20	
Potassium	11.0	0.010	"	10.00	0.793	102	80-120		20	
Sodium	29.8	1.0	"	10.00	21.7	80.5	80-120		20	

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Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113232 - EPA 200.2 ICP										
Matrix Spike Dup (1113232-MSD1)	**Source: 11C1255-33**			Prepared: 03/25/2011 Analyzed: 03/29/2011						
Calcium	20.9	0.050	mg/L	10.00	11.5	93.7	80-120	1.53	20	
Iron	50.4	0.0050	"	5.000	44.8	110	80-120	1.21	20	B
Magnesium	17.5	0.010	"	10.00	7.42	100	80-120	0.511	20	
Potassium	11.0	0.010	"	10.00	0.793	102	80-120	0.0620	20	
Sodium	30.1	1.0	"	10.00	21.7	83.5	80-120	1.00	20	
Post Spike (1113232-PS1)	**Source: 11C1255-33**			Prepared & Analyzed: 03/30/2011						
Calcium	11.5		mg/L	10.00	1.15	104	90-110			D
Iron	9.17		"	5.000	4.48	93.8	90-110			D, B
Magnesium	10.7		"	10.00	0.742	99.6	90-110			D
Potassium	11.6		"	10.00	0.0793	115	90-110			D
Sodium	12.2		"	10.00	2.17	100	90-110			D
Batch 1113234 - EPA 200.2 ICPMS										
Blank (1113234-BLK1)				Prepared: 03/25/2011 Analyzed: 03/28/2011						
Cobalt	ND	0.0050	mg/L							U
Antimony	0.00199	0.0050	"							J
Copper	ND	0.0010	"							U
Cadmium	ND	0.00050	"							U
Silver	ND	0.0010	"							U
Barium	ND	0.0050	"							U
Vanadium	ND	0.0050	"							U
Nickel	ND	0.0050	"							U
Beryllium	ND	0.0010	"							U
Arsenic	ND	0.0020	"							U
Chromium	ND	0.0020	"							U
Thallium	ND	0.0010	"							U
Selenium	ND	0.0050	"							U
Manganese	ND	0.0010	"							U
Zinc	ND	0.0050	"							U
Lead	ND	0.0010	"							U

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113234 - EPA 200.2 ICPMS										
LCS (1113234-BS1)				Prepared: 03/25/2011 Analyzed: 03/28/2011						
Zinc	0.195	0.0050	mg/L	0.2000		97.4	85-115		20	
Barium	0.198	0.0050	"	0.2000		99.2	85-115		20	
Cadmium	0.196	0.00050	"	0.2000		98.0	85-115		20	
Nickel	0.202	0.0050	"	0.2000		101	85-115		20	
Cobalt	0.197	0.0050	"	0.2000		98.3	85-115		20	
Manganese	0.205	0.0010	"	0.2000		102	85-115		20	
Arsenic	0.200	0.0020	"	0.2000		100	85-115		20	
Lead	0.203	0.0010	"	0.2000		101	85-115		20	
Beryllium	0.188	0.0010	"	0.2000		93.8	85-115		20	
Vanadium	0.209	0.0050	"	0.2000		104	85-115		20	
Chromium	0.209	0.0020	"	0.2000		104	85-115		20	
Antimony	0.240	0.0050	"	0.2000		120	85-115		20	L2
Silver	0.112	0.0010	"	0.1000		112	85-115		20	
Selenium	0.195	0.0050	"	0.2000		97.4	85-115		20	
Copper	0.193	0.0010	"	0.2000		96.4	85-115		20	
Thallium	0.200	0.0010	"	0.2000		100	85-115		20	
Duplicate (1113234-DUP1)				**Source: 11C1255-34**	Prepared: 03/25/2011 Analyzed: 03/28/2011					
Barium	0.0617	0.0050	mg/L		0.0600			2.80	20	
Manganese	0.791	0.0010	"		0.838			5.72	20	
Nickel	ND	0.0050	"		ND				20	U
Lead	ND	0.0010	"		ND				20	U
Zinc	0.00126	0.0050	"		0.00114			9.50	20	J
Silver	ND	0.0010	"		ND				20	U
Copper	ND	0.0010	"		ND				20	U
Vanadium	0.000870	0.0050	"		ND				20	J
Beryllium	ND	0.0010	"		ND				20	U
Cadmium	ND	0.00050	"		ND				20	U
Cobalt	ND	0.0050	"		ND				20	U
Chromium	ND	0.0020	"		0.00124				20	U
Antimony	0.000511	0.0050	"		0.000582			13.0	20	J
Selenium	ND	0.0050	"		0.000699				20	U
Thallium	ND	0.0010	"		ND				20	U
Arsenic	ND	0.0020	"		ND				20	U

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113234 - EPA 200.2 ICPMS										
Matrix Spike (1113234-MS1)	**Source: 11C1255-34**			Prepared: 03/25/2011 Analyzed: 03/28/2011						
Lead	0.202	0.0010	mg/L	0.2000	ND	101	70-130		20	
Cadmium	0.201	0.00050	"	0.2000	ND	100	70-130		20	
Antimony	0.240	0.0050	"	0.2000	0.000582	120	70-130		20	
Arsenic	0.207	0.0020	"	0.2000	ND	104	70-130		20	
Manganese	1.02	0.0010	"	0.2000	0.838	89.8	70-130		20	
Nickel	0.204	0.0050	"	0.2000	ND	102	70-130		20	
Selenium	0.204	0.0050	"	0.2000	0.000699	102	70-130		20	
Cobalt	0.202	0.0050	"	0.2000	ND	101	70-130		20	
Chromium	0.200	0.0020	"	0.2000	0.00124	99.4	70-130		20	
Beryllium	0.203	0.0010	"	0.2000	ND	101	70-130		20	
Copper	0.206	0.0010	"	0.2000	ND	103	70-130		20	
Thallium	0.202	0.0010	"	0.2000	ND	101	70-130		20	
Barium	0.273	0.0050	"	0.2000	0.0600	107	70-130		20	
Silver	0.110	0.0010	"	0.1000	ND	110	70-130		20	
Zinc	0.208	0.0050	"	0.2000	0.00114	103	70-130		20	
Vanadium	0.203	0.0050	"	0.2000	ND	101	70-130		20	
Matrix Spike Dup (1113234-MSD1)	**Source: 11C1255-34**			Prepared: 03/25/2011 Analyzed: 03/28/2011						
Antimony	0.251	0.0050	mg/L	0.2000	0.000582	125	70-130	4.34	20	
Lead	0.204	0.0010	"	0.2000	ND	102	70-130	1.01	20	
Manganese	1.04	0.0010	"	0.2000	0.838	102	70-130	2.35	20	
Chromium	0.208	0.0020	"	0.2000	0.00124	103	70-130	3.95	20	
Selenium	0.194	0.0050	"	0.2000	0.000699	96.6	70-130	5.03	20	
Cadmium	0.197	0.00050	"	0.2000	ND	98.3	70-130	2.17	20	
Zinc	0.198	0.0050	"	0.2000	0.00114	98.6	70-130	4.62	20	
Silver	0.112	0.0010	"	0.1000	ND	112	70-130	1.82	20	
Barium	0.259	0.0050	"	0.2000	0.0600	99.6	70-130	5.29	20	
Nickel	0.204	0.0050	"	0.2000	ND	102	70-130	0.161	20	
Thallium	0.200	0.0010	"	0.2000	ND	100	70-130	1.12	20	
Cobalt	0.197	0.0050	"	0.2000	ND	98.7	70-130	2.31	20	
Arsenic	0.200	0.0020	"	0.2000	ND	100	70-130	3.50	20	
Vanadium	0.210	0.0050	"	0.2000	ND	105	70-130	3.48	20	
Beryllium	0.198	0.0010	"	0.2000	ND	99.0	70-130	2.36	20	
Copper	0.194	0.0010	"	0.2000	ND	96.9	70-130	6.11	20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114154 - EPA 200.2 ICP										
Blank (1114154-BLK1)				Prepared: 03/30/2011 Analyzed: 04/01/2011						
Calcium	ND	0.050	mg/L							U
Iron	ND	0.0050	"							U
Magnesium	ND	0.010	"							U
Potassium	ND	0.010	"							U
Sodium	0.437	1.0	"							J
LCS (1114154-BS1)				Prepared: 03/30/2011 Analyzed: 04/01/2011						
Calcium	10.6	0.050	mg/L	10.00		106	85-115		20	
Iron	5.35	0.0050	"	5.000		107	85-115		20	
Magnesium	10.6	0.010	"	10.00		106	85-115		20	
Potassium	10.7	0.010	"	10.00		107	85-115		20	
Sodium	10.3	1.0	"	10.00		103	85-115		20	
Duplicate (1114154-DUP1)	**Source: 11C1255-03**			Prepared: 03/30/2011 Analyzed: 04/01/2011						
Calcium	168	0.25	mg/L		168			0.245	20	D
Iron	ND	0.0050	"		ND				20	U
Magnesium	ND	0.050	"		ND				20	U, D
Potassium	10.9	0.010	"		10.9			0.301	20	
Sodium	21.3	1.0	"		21.3			0.0390	20	
Matrix Spike (1114154-MS1)	**Source: 11C1255-03**			Prepared: 03/30/2011 Analyzed: 04/01/2011						
Calcium	178	0.050	mg/L	10.00	168	101	80-120		20	
Iron	5.28	0.0050	"	5.000	ND	106	80-120		20	
Magnesium	10.4	0.010	"	10.00	ND	104	80-120		20	
Potassium	21.7	0.010	"	10.00	10.9	108	80-120		20	
Sodium	31.7	1.0	"	10.00	21.3	104	80-120		20	
Matrix Spike Dup (1114154-MSD1)	**Source: 11C1255-03**			Prepared: 03/30/2011 Analyzed: 04/01/2011						
Calcium	177	0.050	mg/L	10.00	168	85.8	80-120	0.836	20	
Iron	5.21	0.0050	"	5.000	ND	104	80-120	1.31	20	
Magnesium	10.2	0.010	"	10.00	ND	102	80-120	1.50	20	
Potassium	21.5	0.010	"	10.00	10.9	106	80-120	0.940	20	
Sodium	31.1	1.0	"	10.00	21.3	97.5	80-120	2.01	20	

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114154 - EPA 200.2 ICP										
Post Spike (1114154-PS1)	**Source: 11C1255-03**			Prepared & Analyzed: 04/01/2011						
Calcium	44.6		mg/L	10.00	33.6	109	90-110			D
Iron	5.20		"	5.000	-0.00197	104	90-110			D
Magnesium	10.2		"	10.00	0.00180	102	90-110			D
Potassium	12.5		"	10.00	2.18	103	90-110			D
Sodium	14.1		"	10.00	4.26	98.5	90-110			D
Batch 1114155 - EPA 200.2 ICPMS										
Blank (1114155-BLK1)				Prepared: 03/30/2011 Analyzed: 03/31/2011						
Copper	ND	0.0010	mg/L							U
Selenium	ND	0.0050	"							U
Barium	ND	0.0050	"							U
Antimony	ND	0.0050	"							U
Zinc	ND	0.0050	"							U
Vanadium	ND	0.0050	"							U
Thallium	ND	0.0010	"							U
Chromium	ND	0.0020	"							U
Nickel	ND	0.0050	"							U
Cadmium	ND	0.00050	"							U
Lead	ND	0.0010	"							U
Cobalt	ND	0.0050	"							U
Beryllium	ND	0.0010	"							U
Manganese	ND	0.0010	"							U
Arsenic	ND	0.0020	"							U
Silver	ND	0.0010	"							U
LCS (1114155-BS1)				Prepared: 03/30/2011 Analyzed: 03/31/2011						
Silver	0.108	0.0010	mg/L	0.1000		108	85-115		20	
Arsenic	0.199	0.0020	"	0.2000		99.4	85-115		20	
Cobalt	0.220	0.0050	"	0.2000		110	85-115		20	
Chromium	0.215	0.0020	"	0.2000		107	85-115		20	
Lead	0.211	0.0010	"	0.2000		105	85-115		20	
Barium	0.204	0.0050	"	0.2000		102	85-115		20	
Nickel	0.211	0.0050	"	0.2000		105	85-115		20	
Manganese	0.212	0.0010	"	0.2000		106	85-115		20	
Vanadium	0.221	0.0050	"	0.2000		111	85-115		20	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114155 - EPA 200.2 ICPMS										
LCS (1114155-BS1)				Prepared: 03/30/2011 Analyzed: 03/31/2011						
Zinc	0.204	0.0050	mg/L	0.2000		102	85-115		20	
Copper	0.205	0.0010	"	0.2000		103	85-115		20	
Antimony	0.230	0.0050	"	0.2000		115	85-115		20	
Cadmium	0.194	0.00050	"	0.2000		97.0	85-115		20	
Beryllium	0.210	0.0010	"	0.2000		105	85-115		20	
Selenium	0.196	0.0050	"	0.2000		98.1	85-115		20	
Thallium	0.209	0.0010	"	0.2000		105	85-115		20	
Duplicate (1114155-DUP1)		**Source: 11C1255-03**		Prepared: 03/30/2011 Analyzed: 03/31/2011						
Zinc	0.00289	0.0050	mg/L		0.00333			14.0	20	J
Vanadium	0.0294	0.0050	"		0.0278			5.56	20	
Lead	0.0599	0.0010	"		0.0594			0.817	20	
Manganese	ND	0.0010	"		ND				20	U
Beryllium	ND	0.0010	"		ND				20	U
Cobalt	ND	0.0050	"		ND				20	U
Copper	0.00915	0.0010	"		0.00853			7.01	20	
Chromium	0.00950	0.0020	"		0.00972			2.23	20	
Arsenic	ND	0.0020	"		0.000779				20	U
Silver	ND	0.0010	"		ND				20	U
Nickel	0.00860	0.0050	"		0.00787			8.91	20	
Antimony	ND	0.0050	"		ND				20	U
Cadmium	ND	0.00050	"		ND				20	U
Barium	0.0602	0.0050	"		0.0580			3.79	20	
Selenium	0.00328	0.0050	"		0.00351			6.74	20	J
Thallium	ND	0.0010	"		ND				20	U
Duplicate (1114155-DUP2)		**Source: 11C1255-03**		Prepared: 03/30/2011 Analyzed: 03/31/2011						
Zinc	ND	0.025	mg/L		0.00333				20	U, D
Vanadium	0.0460	0.025	"		0.0278			49.3	20	R3, D
Thallium	ND	0.0050	"		ND				20	U, D
Antimony	0.00539	0.025	"		ND				20	J, D
Selenium	0.00386	0.025	"		0.00351			9.28	20	J, D
Lead	0.0608	0.0050	"		0.0594			2.30	20	D
Chromium	0.00405	0.010	"		0.00972			82.4	20	R3, J, D
Silver	ND	0.0050	"		ND				20	U, D
Manganese	ND	0.0050	"		ND				20	U, D

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114155 - EPA 200.2 ICPMS										
Duplicate (1114155-DUP2)	**Source: 11C1255-03**			Prepared: 03/30/2011 Analyzed: 03/31/2011						
Barium	0.0618	0.025	mg/L		0.0580			6.34	20	D
Copper	0.00684	0.0050	"		0.00853			22.0	20	R3, D
Nickel	0.00714	0.025	"		0.00787			9.69	20	J, D
Cadmium	ND	0.0025	"		ND				20	U, D
Cobalt	ND	0.025	"		ND				20	U, D
Beryllium	ND	0.0050	"		ND				20	U, D
Arsenic	ND	0.010	"		0.000779				20	U, D
Matrix Spike (1114155-MS1)	**Source: 11C1255-03**			Prepared: 03/30/2011 Analyzed: 03/31/2011						
Barium	0.251	0.0050	mg/L	0.2000	0.0580	96.8	70-130		20	
Arsenic	0.205	0.0020	"	0.2000	0.000779	102	70-130		20	
Silver	0.103	0.0010	"	0.1000	ND	103	70-130		20	
Vanadium	0.247	0.0050	"	0.2000	0.0278	110	70-130		20	
Zinc	0.204	0.0050	"	0.2000	0.00333	101	70-130		20	
Thallium	0.190	0.0010	"	0.2000	ND	94.8	70-130		20	
Nickel	0.207	0.0050	"	0.2000	0.00787	99.5	70-130		20	
Cadmium	0.200	0.00050	"	0.2000	ND	100	70-130		20	
Cobalt	0.209	0.0050	"	0.2000	ND	105	70-130		20	
Chromium	0.206	0.0020	"	0.2000	0.00972	97.9	70-130		20	
Selenium	0.193	0.0050	"	0.2000	0.00351	94.8	70-130		20	
Antimony	0.221	0.0050	"	0.2000	ND	111	70-130		20	
Lead	0.261	0.0010	"	0.2000	0.0594	101	70-130		20	
Copper	0.209	0.0010	"	0.2000	0.00853	100	70-130		20	
Manganese	0.208	0.0010	"	0.2000	ND	104	70-130		20	
Beryllium	0.229	0.0010	"	0.2000	ND	115	70-130		20	
Matrix Spike Dup (1114155-MSD1)	**Source: 11C1255-03**			Prepared: 03/30/2011 Analyzed: 03/31/2011						
Selenium	0.186	0.0050	mg/L	0.2000	0.00351	91.3	70-130	3.72	20	
Manganese	0.216	0.0010	"	0.2000	ND	108	70-130	3.79	20	
Copper	0.188	0.0010	"	0.2000	0.00853	89.6	70-130	10.6	20	
Chromium	0.222	0.0020	"	0.2000	0.00972	106	70-130	7.60	20	
Lead	0.256	0.0010	"	0.2000	0.0594	98.1	70-130	1.95	20	
Antimony	0.225	0.0050	"	0.2000	ND	113	70-130	1.74	20	
Cadmium	0.190	0.00050	"	0.2000	ND	95.1	70-130	5.18	20	
Cobalt	0.207	0.0050	"	0.2000	ND	104	70-130	0.962	20	
Barium	0.245	0.0050	"	0.2000	0.0580	93.4	70-130	2.74	20	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114155 - EPA 200.2 ICPMS										
Matrix Spike Dup (1114155-MSD1)	**Source: 11C1255-03**			Prepared: 03/30/2011 Analyzed: 03/31/2011						
Nickel	0.205	0.0050	mg/L	0.2000	0.00787	98.6	70-130	0.829	20	
Arsenic	0.199	0.0020	"	0.2000	0.000779	99.3	70-130	2.65	20	
Silver	0.104	0.0010	"	0.1000	ND	104	70-130	0.554	20	
Thallium	0.191	0.0010	"	0.2000	ND	95.3	70-130	0.487	20	
Vanadium	0.256	0.0050	"	0.2000	0.0278	114	70-130	3.67	20	
Zinc	0.189	0.0050	"	0.2000	0.00333	92.8	70-130	7.91	20	
Beryllium	0.233	0.0010	"	0.2000	ND	116	70-130	1.48	20	
Post Spike (1114155-PS1)	**Source: 11C1255-03**			Prepared: 03/30/2011 Analyzed: 03/31/2011						
Selenium	47.1		ug/L	50.00	3.51	87.2	75-125			
Antimony	49.5		"	50.00	-0.0620	99.2	75-125			
Thallium	47.5		"	50.00	0.145	94.6	75-125			
Vanadium	76.7		"	50.00	27.8	97.7	75-125			
Lead	107		"	50.00	59.4	94.7	75-125			
Manganese	52.2		"	50.00	-0.0510	105	75-125			
Zinc	47.7		"	50.00	3.33	88.7	75-125			
Chromium	60.8		"	50.00	9.72	102	75-125			
Silver	7.73		"	25.00	-0.234	31.9	75-125			
Copper	57.2		"	50.00	8.53	97.4	75-125			
Barium	102		"	50.00	58.0	88.5	75-125			
Cadmium	51.0		"	50.00	-0.210	102	75-125			
Beryllium	63.0		"	50.00	-0.0450	126	75-125			
Arsenic	51.3		"	50.00	0.779	101	75-125			
Cobalt	47.7		"	50.00	-0.0240	95.5	75-125			
Nickel	54.8		"	50.00	7.87	93.9	75-125			
Batch 1115076 - EPA 200.2 ICP										
Blank (1115076-BLK1)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Calcium	ND	0.050	mg/L							U
Iron	ND	0.0050	"							U
Magnesium	ND	0.010	"							U
Potassium	0.00703	0.010	"							J
Sodium	0.397	1.0	"							J

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Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115076 - EPA 200.2 ICP										
LCS (1115076-BS1)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Calcium	10.3	0.050	mg/L	10.00		103	85-115		20	
Iron	5.16	0.0050	"	5.000		103	85-115		20	
Magnesium	10.3	0.010	"	10.00		103	85-115		20	
Potassium	10.7	0.010	"	10.00		107	85-115		20	
Sodium	10.3	1.0	"	10.00		103	85-115		20	
Duplicate (1115076-DUP1)		**Source: 11C1255-02**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Calcium	46.4	0.050	mg/L		45.6			1.88	20	
Iron	9.82	0.0050	"		9.65			1.74	20	
Magnesium	80.4	0.010	"		79.1			1.55	20	
Potassium	14.7	0.10	"		13.8			6.33	20	D
Sodium	723	10	"		682			5.78	20	D
Matrix Spike (1115076-MS1)		**Source: 11C1255-02**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Calcium	56.3	0.050	mg/L	10.00	45.6	107	80-120		20	
Iron	14.8	0.0050	"	5.000	9.65	103	80-120		20	
Magnesium	89.5	0.010	"	10.00	79.1	103	80-120		20	
Potassium	28.3	0.010	"	10.00	13.8	145	80-120		20	
Sodium	ND	1.0	"	10.00	682	NR	80-120		20	U
Matrix Spike Dup (1115076-MSD1)		**Source: 11C1255-02**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Calcium	57.5	0.050	mg/L	10.00	45.6	120	80-120	2.20	20	
Iron	15.1	0.0050	"	5.000	9.65	109	80-120	1.91	20	
Magnesium	91.7	0.010	"	10.00	79.1	125	80-120	2.43	20	M3
Potassium	28.9	0.010	"	10.00	13.8	151	80-120	2.01	20	
Sodium	ND	1.0	"	10.00	682	NR	80-120		20	U
Post Spike (1115076-PS1)		**Source: 11C1255-02**		Prepared: 04/06/2011 Analyzed: 04/07/2011						
Calcium	15.1		mg/L	10.00	4.56	106	90-110			D
Iron	6.18		"	5.000	0.965	104	90-110			D
Magnesium	18.6		"	10.00	7.91	106	90-110			D
Potassium	11.8		"	10.00	1.38	105	90-110			D
Sodium	78.3		"	10.00	68.2	102	90-110			D

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115077 - EPA 200.2 ICPMS										
Blank (1115077-BLK1)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Nickel	ND	0.0050	mg/L							U
Thallium	ND	0.0010	"							U
Vanadium	0.00141	0.0050	"							J
Zinc	0.00451	0.0050	"							J
Copper	ND	0.0010	"							U
Selenium	ND	0.0050	"							U
Antimony	ND	0.0050	"							U
Lead	ND	0.0010	"							U
Silver	ND	0.0010	"							U
Manganese	ND	0.0010	"							U
Chromium	ND	0.0020	"							U
Cobalt	ND	0.0050	"							U
Barium	ND	0.0050	"							U
Cadmium	ND	0.00050	"							U
Beryllium	ND	0.0010	"							U
Arsenic	ND	0.0020	"							U
Blank (1115077-BLK2)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Manganese	ND	0.0010	mg/L							U
Blank (1115077-BLK3)				Prepared: 04/05/2011 Analyzed: 04/12/2011						
Thallium	ND	0.0010	mg/L							U
Selenium	ND	0.0050	"							U
Beryllium	ND	0.0010	"							U
Vanadium	0.00170	0.0050	"							J
LCS (1115077-BS1)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Chromium	0.209	0.0020	mg/L	0.2000		105	85-115		20	
Vanadium	0.203	0.0050	"	0.2000		102	85-115		20	
Thallium	0.186	0.0010	"	0.2000		93.2	85-115		20	
Selenium	0.183	0.0050	"	0.2000		91.5	85-115		20	
Antimony	0.244	0.0050	"	0.2000		122	85-115		20	L2
Nickel	0.204	0.0050	"	0.2000		102	85-115		20	
Copper	0.199	0.0010	"	0.2000		99.3	85-115		20	
Manganese	0.214	0.0010	"	0.2000		107	85-115		20	
Zinc	0.194	0.0050	"	0.2000		97.2	85-115		20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115077 - EPA 200.2 ICPMS										
LCS (1115077-BS1)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Cobalt	0.191	0.0050	mg/L	0.2000		95.7	85-115		20	
Cadmium	0.205	0.00050	"	0.2000		103	85-115		20	
Beryllium	0.222	0.0010	"	0.2000		111	85-115		20	
Barium	0.193	0.0050	"	0.2000		96.6	85-115		20	
Silver	0.110	0.0010	"	0.1000		110	85-115		20	
Arsenic	0.211	0.0020	"	0.2000		105	85-115		20	
Lead	0.192	0.0010	"	0.2000		96.1	85-115		20	
LCS (1115077-BS2)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Manganese	0.207	0.0010	mg/L	0.2000		104	85-115		20	
LCS (1115077-BS3)				Prepared: 04/05/2011 Analyzed: 04/12/2011						
Vanadium	0.210	0.0050	mg/L	0.2000		105	85-115		20	
Thallium	0.230	0.0010	"	0.2000		115	85-115		20	
Selenium	0.210	0.0050	"	0.2000		105	85-115		20	
Beryllium	0.190	0.0010	"	0.2000		95.2	85-115		20	
Duplicate (1115077-DUP1)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Barium	0.0171	0.0050	mg/L		0.0171			0.169	20	
Copper	0.00155	0.0010	"		0.00159			2.67	20	
Manganese	2.12	0.0010	"		2.01			4.94	20	
Nickel	0.235	0.0050	"		0.224			4.66	20	
Lead	ND	0.0010	"		ND				20	U
Silver	ND	0.0010	"		ND				20	U
Zinc	0.158	0.0050	"		0.154			2.56	20	
Selenium	0.00457	0.0050	"		0.00499			8.89	20	J
Beryllium	0.000927	0.0010	"		0.000975			5.05	20	J
Cadmium	0.000369	0.00050	"		0.000397			7.31	20	J
Cobalt	0.200	0.0050	"		0.186			7.14	20	
Chromium	ND	0.0020	"		ND				20	U
Antimony	ND	0.0050	"		ND				20	U
Thallium	ND	0.0010	"		ND				20	U
Arsenic	0.00374	0.0020	"		0.00424			12.5	20	
Vanadium	0.00193	0.0050	"		0.000685			95.1	20	J

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115077 - EPA 200.2 ICPMS										
Duplicate (1115077-DUP2)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Manganese	2.07	0.020	mg/L		2.01			2.60	20	D
Duplicate (1115077-DUP3)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Beryllium	ND	0.020	mg/L		0.000975				20	U, D
Vanadium	0.0922	0.10	"		0.000685				20	J, D
Thallium	ND	0.020	"		ND				20	U, D
Selenium	ND	0.10	"		0.00499				20	U, D
Duplicate (1115077-DUP4)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/12/2011						
Vanadium	0.00524	0.0050	mg/L		0.000685			154	20	R3
Thallium	ND	0.0010	"		ND				20	U
Selenium	0.000982	0.0050	"		0.00499			134	20	R3, J
Beryllium	0.000217	0.0010	"		0.000975			127	20	R3, J
Matrix Spike (1115077-MS1)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Nickel	0.400	0.0050	mg/L	0.2000	0.224	88.3	70-130		20	
Arsenic	0.213	0.0020	"	0.2000	0.00424	104	70-130		20	
Beryllium	0.200	0.0010	"	0.2000	0.000975	99.5	70-130		20	
Cadmium	0.218	0.00050	"	0.2000	0.000397	109	70-130		20	
Cobalt	0.370	0.0050	"	0.2000	0.186	91.8	70-130		20	
Chromium	0.180	0.0020	"	0.2000	ND	90.1	70-130		20	
Copper	0.189	0.0010	"	0.2000	0.00159	93.6	70-130		20	
Silver	0.110	0.0010	"	0.1000	ND	110	70-130		20	
Manganese	2.36	0.0010	"	0.2000	2.01	171	70-130		20	
Barium	0.205	0.0050	"	0.2000	0.0171	93.7	70-130		20	
Selenium	0.176	0.0050	"	0.2000	0.00499	85.6	70-130		20	
Vanadium	0.192	0.0050	"	0.2000	0.000685	95.7	70-130		20	
Antimony	0.238	0.0050	"	0.2000	ND	119	70-130		20	
Thallium	0.171	0.0010	"	0.2000	ND	85.4	70-130		20	
Lead	0.193	0.0010	"	0.2000	ND	96.6	70-130		20	
Zinc	0.335	0.0050	"	0.2000	0.154	90.8	70-130		20	

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Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115077 - EPA 200.2 ICPMS										
Matrix Spike Dup (1115077-MSD1)	**Source: 11C1255-05**			Prepared: 04/05/2011 Analyzed: 04/07/2011						
Thallium	0.170	0.0010	mg/L	0.2000	ND	84.9	70-130	0.609	20	
Silver	0.105	0.0010	"	0.1000	ND	105	70-130	5.09	20	
Arsenic	0.206	0.0020	"	0.2000	0.00424	101	70-130	3.39	20	
Barium	0.196	0.0050	"	0.2000	0.0171	89.4	70-130	4.34	20	
Vanadium	0.180	0.0050	"	0.2000	0.000685	89.6	70-130	6.58	20	
Beryllium	0.187	0.0010	"	0.2000	0.000975	92.8	70-130	6.95	20	
Cadmium	0.211	0.00050	"	0.2000	0.000397	105	70-130	3.28	20	
Copper	0.177	0.0010	"	0.2000	0.00159	87.8	70-130	6.42	20	
Cobalt	0.358	0.0050	"	0.2000	0.186	85.7	70-130	3.33	20	
Chromium	0.176	0.0020	"	0.2000	ND	88.1	70-130	2.24	20	
Selenium	0.172	0.0050	"	0.2000	0.00499	83.4	70-130	2.48	20	
Antimony	0.233	0.0050	"	0.2000	ND	116	70-130	2.13	20	
Nickel	0.390	0.0050	"	0.2000	0.224	83.0	70-130	2.64	20	
Manganese	2.30	0.0010	"	0.2000	2.01	141	70-130	2.56	20	
Lead	0.188	0.0010	"	0.2000	ND	94.0	70-130	2.76	20	
Zinc	0.318	0.0050	"	0.2000	0.154	82.3	70-130	5.22	20	
Post Spike (1115077-PS1)	**Source: 11C1255-05**			Prepared: 04/05/2011 Analyzed: 04/07/2011						
Vanadium	51.9		ug/L	50.00	0.685	103	75-125			
Silver	36.2		"	25.00	-0.0450	145	75-125			
Zinc	209		"	50.00	154	110	75-125			
Beryllium	48.0		"	50.00	0.975	94.1	75-125			
Cadmium	52.0		"	50.00	0.397	103	75-125			
Cobalt	241		"	50.00	186	109	75-125			
Barium	65.6		"	50.00	17.1	96.9	75-125			
Chromium	48.1		"	50.00	-1.15	98.5	75-125			
Copper	47.1		"	50.00	1.59	90.9	75-125			
Manganese	2140		"	50.00	2010	243	75-125			
Nickel	275		"	50.00	224	102	75-125			
Arsenic	55.8		"	50.00	4.24	103	75-125			
Lead	47.1		"	50.00	-0.309	94.8	75-125			
Antimony	60.9		"	50.00	-0.413	123	75-125			
Selenium	52.2		"	50.00	4.99	94.4	75-125			
Thallium	47.0		"	50.00	-0.0800	94.2	75-125			

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Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115077 - EPA 200.2 ICPMS										
Post Spike (1115077-PS2)	**Source: 11C1255-05**			Prepared: 04/05/2011 Analyzed: 04/07/2011						
Manganese	3040		ug/L	1000	2010	102	75-125			D
Post Spike (1115077-PS3)	**Source: 11C1255-05**			Prepared: 04/05/2011 Analyzed: 04/07/2011						
Thallium	881		ug/L	1000	-0.0800	88.1	75-125			D
Beryllium	1070		"	1000	0.975	107	75-125			D
Vanadium	1030		"	1000	0.685	103	75-125			D
Selenium	958		"	1000	4.99	95.3	75-125			D
Post Spike (1115077-PS4)	**Source: 11C1255-05**			Prepared: 04/05/2011 Analyzed: 04/12/2011						
Selenium	50.6		ug/L	50.00	4.99	91.2	75-125			
Beryllium	49.3		"	50.00	0.975	96.6	75-125			
Vanadium	58.0		"	50.00	0.685	115	75-125			
Thallium	57.7		"	50.00	-0.0800	116	75-125			
Batch M1C2405 - 1113057										
Instrument Blank (M1C2405-IBL1)				Prepared & Analyzed: 03/22/2011						
Calcium	ND	0.050	mg/L							U
Iron	ND	0.0050	"							U
Magnesium	ND	0.010	"							U
Potassium	ND	0.010	"							U
Sodium	ND	1.0	"							U
Batch M1C3007 - 1113232										
Instrument Blank (M1C3007-IBL1)				Prepared & Analyzed: 03/29/2011						
Calcium	ND	0.050	mg/L							U
Iron	ND	0.0050	"							U
Magnesium	ND	0.010	"							U
Potassium	ND	0.010	"							U
Sodium	ND	1.0	"							U

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Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch M1D0402 - 1114154										
Instrument Blank (M1D0402-IBL1)				Prepared & Analyzed: 04/01/2011						
Calcium	ND	0.050	mg/L							U
Iron	ND	0.0050	"							U
Magnesium	ND	0.010	"							U
Potassium	ND	0.010	"							U
Sodium	ND	1.0	"							U
Batch M1D0815 - 1115076										
Instrument Blank (M1D0815-IBL1)				Prepared & Analyzed: 04/06/2011						
Calcium	ND	0.050	mg/L							U
Iron	ND	0.0050	"							U
Magnesium	ND	0.010	"							U
Potassium	ND	0.010	"							U
Sodium	ND	1.0	"							U

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Metals, Dissolved by EPA 200 Series Methods - Quality Control Summary

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114154 - EPA 200.2 ICP										
Blank (1114154-BLK1)				Prepared: 03/30/2011 Analyzed: 04/01/2011						
Magnesium	ND	0.010	mg/L							
Potassium	ND	0.39	"							
Sodium	ND	1.0	"							
Calcium	ND	0.080	"							
Iron	ND	0.0050	"							
LCS (1114154-BS1)				Prepared: 03/30/2011 Analyzed: 04/01/2011						
Potassium	10.7	0.010	mg/L	10.00		107	85-115		20	
Magnesium	10.6	0.010	"	10.00		106	85-115		20	
Iron	5.35	0.0050	"	5.000		107	85-115		20	
Calcium	10.6	0.050	"	10.00		106	85-115		20	
Sodium	10.3	1.0	"	10.00		103	85-115		20	
Duplicate (1114154-DUP1)		**Source: 11C1255-03**		Prepared: 03/30/2011 Analyzed: 04/01/2011						
Iron	ND	0.0050	mg/L		ND				20	
Magnesium	ND	0.050	"		ND				20	
Sodium	21.3	1.0	"		21.3			0.0390	20	
Potassium	10.9	0.010	"		10.9			0.301	20	
Calcium	168	0.25	"		168			0.245	20	
Matrix Spike (1114154-MS1)		**Source: 11C1255-03**		Prepared: 03/30/2011 Analyzed: 04/01/2011						
Iron	5.28	0.0050	mg/L	5.000	ND	106	80-120		20	
Sodium	31.7	1.0	"	10.00	21.3	104	80-120		20	
Magnesium	10.4	0.010	"	10.00	ND	104	80-120		20	
Potassium	21.7	0.010	"	10.00	10.9	108	80-120		20	
Calcium	178	0.050	"	10.00	168	101	80-120		20	
Matrix Spike Dup (1114154-MSD1)		**Source: 11C1255-03**		Prepared: 03/30/2011 Analyzed: 04/01/2011						
Potassium	21.5	0.010	mg/L	10.00	10.9	106	80-120	0.940	20	
Calcium	177	0.050	"	10.00	168	85.8	80-120	0.836	20	
Iron	5.21	0.0050	"	5.000	ND	104	80-120	1.31	20	
Magnesium	10.2	0.010	"	10.00	ND	102	80-120	1.50	20	
Sodium	31.1	1.0	"	10.00	21.3	97.5	80-120	2.01	20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114154 - EPA 200.2 ICP										
Post Spike (1114154-PS1)	**Source: 11C1255-03**			Prepared & Analyzed: 04/01/2011						
Potassium	12.5		mg/L	10.00	2.18	103	90-110			
Sodium	14.1		"	10.00	4.26	98.5	90-110			
Iron	5.20		"	5.000	-0.00197	104	90-110			
Calcium	44.6		"	10.00	33.6	109	90-110			
Magnesium	10.2		"	10.00	0.00180	102	90-110			
Batch 1114155 - EPA 200.2 ICPMS										
Blank (1114155-BLK1)				Prepared: 03/30/2011 Analyzed: 03/31/2011						
Copper	ND	0.010	mg/L							
Barium	ND	0.010	"							
Silver	ND	0.010	"							
Arsenic	ND	0.0020	"							
Cadmium	ND	0.0040	"							
Chromium	ND	0.10	"							
Nickel	ND	0.011	"							
Zinc	ND	0.010	"							
Vanadium	ND	0.010	"							
Thallium	ND	0.0020	"							
Antimony	ND	0.0050	"							
Lead	ND	0.0020	"							
Selenium	ND	0.035	"							
Manganese	ND	0.010	"							
Beryllium	ND	0.0020	"							
LCS (1114155-BS1)				Prepared: 03/30/2011 Analyzed: 03/31/2011						
Lead	0.211	0.0010	mg/L	0.2000		105	85-115		20	
Thallium	0.209	0.0010	"	0.2000		105	85-115		20	
Zinc	0.204	0.0050	"	0.2000		102	85-115		20	
Copper	0.199	0.0010	"	0.2000		99.7	85-115		20	
Vanadium	0.221	0.0050	"	0.2000		111	85-115		20	
Beryllium	0.210	0.0010	"	0.2000		105	85-115		20	
Selenium	0.196	0.0050	"	0.2000		98.1	85-115		20	
Cadmium	0.196	0.00050	"	0.2000		98.2	85-115		20	
Manganese	0.212	0.0010	"	0.2000		106	85-115		20	
Chromium	0.215	0.0020	"	0.2000		107	85-115		20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114155 - EPA 200.2 ICPMS										
LCS (1114155-BS1)				Prepared: 03/30/2011 Analyzed: 03/31/2011						
Arsenic	0.199	0.0020	mg/L	0.2000		99.4	85-115		20	
Silver	0.108	0.0010	"	0.1000		108	85-115		20	
Nickel	0.211	0.0050	"	0.2000		105	85-115		20	
Barium	0.204	0.0050	"	0.2000		102	85-115		20	
Antimony	0.230	0.0050	"	0.2000		115	85-115		20	
Duplicate (1114155-DUP1)		**Source: 11C1255-03**		Prepared: 03/30/2011 Analyzed: 03/31/2011						
Nickel	0.00860	0.0050	mg/L		0.00787			8.91	20	
Copper	0.00918	0.0010	"		0.00865			5.94	20	
Barium	0.0602	0.0050	"		0.0580			3.79	20	
Beryllium	ND	0.0010	"		ND				20	
Cadmium	ND	0.00050	"		ND				20	
Arsenic	ND	0.0020	"		0.000779				20	
Chromium	0.00950	0.0020	"		0.00972			2.23	20	
Manganese	ND	0.0010	"		ND				20	
Silver	ND	0.0010	"		ND				20	
Lead	0.0599	0.0010	"		0.0594			0.817	20	
Zinc	0.00289	0.0050	"		0.00333			14.0	20	
Selenium	0.00328	0.0050	"		0.00351			6.74	20	
Antimony	ND	0.0050	"		ND				20	
Vanadium	0.0294	0.0050	"		0.0278			5.56	20	
Thallium	ND	0.0010	"		ND				20	
Duplicate (1114155-DUP2)		**Source: 11C1255-03**		Prepared: 03/30/2011 Analyzed: 03/31/2011						
Barium	0.0618	0.025	mg/L		0.0580			6.34	20	
Zinc	ND	0.025	"		0.00333				20	
Arsenic	ND	0.010	"		0.000779				20	
Beryllium	ND	0.0050	"		ND				20	
Vanadium	0.0460	0.025	"		0.0278			49.3	20	R3
Cadmium	ND	0.0025	"		ND				20	D
Manganese	ND	0.0050	"		ND				20	
Chromium	0.00405	0.010	"		0.00972			82.4	20	R3
Silver	ND	0.0050	"		ND				20	
Copper	0.00658	0.0050	"		0.00865			27.2	20	R3
Nickel	0.00714	0.025	"		0.00787			9.69	20	
Thallium	ND	0.0050	"		ND				20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114155 - EPA 200.2 ICPMS										
Duplicate (1114155-DUP2)		**Source: 11C1255-03**		Prepared: 03/30/2011 Analyzed: 03/31/2011						
Lead	0.0608	0.0050	mg/L		0.0594			2.30	20	
Antimony	0.00539	0.025	"		ND				20	
Selenium	0.00386	0.025	"		0.00351			9.28	20	
Matrix Spike (1114155-MS1)		**Source: 11C1255-03**		Prepared: 03/30/2011 Analyzed: 03/31/2011						
Silver	0.103	0.0010	mg/L	0.1000	ND	103	70-130		20	
Beryllium	0.229	0.0010	"	0.2000	ND	115	70-130		20	
Vanadium	0.247	0.0050	"	0.2000	0.0278	110	70-130		20	
Thallium	0.190	0.0010	"	0.2000	ND	94.8	70-130		20	
Arsenic	0.205	0.0020	"	0.2000	0.000779	102	70-130		20	
Barium	0.251	0.0050	"	0.2000	0.0580	96.8	70-130		20	
Chromium	0.206	0.0020	"	0.2000	0.00972	97.9	70-130		20	
Manganese	0.208	0.0010	"	0.2000	ND	104	70-130		20	
Selenium	0.193	0.0050	"	0.2000	0.00351	94.8	70-130		20	
Antimony	0.221	0.0050	"	0.2000	ND	111	70-130		20	
Lead	0.261	0.0010	"	0.2000	0.0594	101	70-130		20	
Nickel	0.207	0.0050	"	0.2000	0.00787	99.5	70-130		20	
Cadmium	0.202	0.00050	"	0.2000	ND	101	70-130		20	
Zinc	0.204	0.0050	"	0.2000	0.00333	101	70-130		20	
Copper	0.207	0.0010	"	0.2000	0.00865	99.2	70-130		20	
Matrix Spike Dup (1114155-MSD1)		**Source: 11C1255-03**		Prepared: 03/30/2011 Analyzed: 03/31/2011						
Lead	0.256	0.0010	mg/L	0.2000	0.0594	98.1	70-130	1.95	20	
Nickel	0.205	0.0050	"	0.2000	0.00787	98.6	70-130	0.829	20	
Vanadium	0.256	0.0050	"	0.2000	0.0278	114	70-130	3.67	20	
Manganese	0.216	0.0010	"	0.2000	ND	108	70-130	3.79	20	
Barium	0.245	0.0050	"	0.2000	0.0580	93.4	70-130	2.74	20	
Cadmium	0.198	0.00050	"	0.2000	ND	99.1	70-130	1.71	20	
Chromium	0.222	0.0020	"	0.2000	0.00972	106	70-130	7.60	20	
Selenium	0.186	0.0050	"	0.2000	0.00351	91.3	70-130	3.72	20	
Silver	0.104	0.0010	"	0.1000	ND	104	70-130	0.554	20	
Copper	0.189	0.0010	"	0.2000	0.00865	89.9	70-130	9.35	20	
Zinc	0.189	0.0050	"	0.2000	0.00333	92.8	70-130	7.91	20	
Beryllium	0.233	0.0010	"	0.2000	ND	116	70-130	1.48	20	
Thallium	0.191	0.0010	"	0.2000	ND	95.3	70-130	0.487	20	
Arsenic	0.199	0.0020	"	0.2000	0.000779	99.3	70-130	2.65	20	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Dissolved by EPA 200 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114155 - EPA 200.2 ICPMS										
Matrix Spike Dup (1114155-MSD1)	**Source: 11C1255-03**			Prepared: 03/30/2011 Analyzed: 03/31/2011						
Antimony	0.225	0.0050	mg/L	0.2000	ND	113	70-130	1.74	20	
Post Spike (1114155-PS1)	**Source: 11C1255-03**			Prepared: 03/30/2011 Analyzed: 03/31/2011						
Antimony	49.5		ug/L	50.00	-0.0620	99.2	75-125			
Beryllium	63.0		"	50.00	-0.0450	126	75-125			
Cadmium	52.6		"	50.00	-0.225	106	75-125			
Barium	102		"	50.00	58.0	88.5	75-125			
Lead	107		"	50.00	59.4	94.7	75-125			
Thallium	47.5		"	50.00	0.145	94.6	75-125			
Silver	7.73		"	25.00	-0.234	31.9	75-125			
Copper	58.6		"	50.00	8.65	99.8	75-125			
Vanadium	76.7		"	50.00	27.8	97.7	75-125			
Zinc	47.7		"	50.00	3.33	88.7	75-125			
Arsenic	51.3		"	50.00	0.779	101	75-125			
Nickel	54.8		"	50.00	7.87	93.9	75-125			
Selenium	47.1		"	50.00	3.51	87.2	75-125			
Chromium	60.8		"	50.00	9.72	102	75-125			
Manganese	52.2		"	50.00	-0.0510	105	75-125			
Batch 1115076 - EPA 200.2 ICP										
Blank (1115076-BLK1)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Magnesium	ND	0.010	mg/L							
Iron	ND	0.0050	"							
Calcium	ND	0.080	"							
Potassium	ND	0.39	"							
Sodium	ND	1.0	"							

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Dissolved by EPA 200 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115076 - EPA 200.2 ICP										
LCS (1115076-BS1)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Potassium	10.7	0.010	mg/L	10.00		107	85-115		20	
Calcium	10.3	0.050	"	10.00		103	85-115		20	
Iron	5.16	0.0050	"	5.000		103	85-115		20	
Sodium	10.3	1.0	"	10.00		103	85-115		20	
Magnesium	10.3	0.010	"	10.00		103	85-115		20	
Duplicate (1115076-DUP1)		**Source: 11C1255-02**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Calcium	46.4	0.050	mg/L		45.6			1.88	20	
Iron	9.82	0.0050	"		9.65			1.74	20	
Magnesium	80.4	0.010	"		79.1			1.55	20	
Sodium	723	10	"		682			5.78	20	
Potassium	14.7	0.10	"		14.3			2.70	20	
Matrix Spike (1115076-MS1)		**Source: 11C1255-02**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Calcium	56.3	0.050	mg/L	10.00	45.6	107	80-120		20	
Potassium	28.3	0.010	"	10.00	14.3	140	80-120		20	
Sodium	ND	1.0	"	10.00	682	NR	80-120		20	
Magnesium	89.5	0.010	"	10.00	79.1	103	80-120		20	
Iron	14.8	0.0050	"	5.000	9.65	103	80-120		20	
Matrix Spike Dup (1115076-MSD1)		**Source: 11C1255-02**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Magnesium	91.7	0.010	mg/L	10.00	79.1	125	80-120	2.43	20	M3
Iron	15.1	0.0050	"	5.000	9.65	109	80-120	1.91	20	
Calcium	57.5	0.050	"	10.00	45.6	120	80-120	2.20	20	
Sodium	ND	1.0	"	10.00	682	NR	80-120		20	
Potassium	28.9	0.010	"	10.00	14.3	146	80-120	2.01	20	
Post Spike (1115076-PS1)		**Source: 11C1255-02**		Prepared: 04/06/2011 Analyzed: 04/08/2011						
Sodium	78.3		mg/L	10.00	68.2	102	90-110			
Magnesium	18.6		"	10.00	7.91	106	90-110			
Iron	6.18		"	5.000	0.965	104	90-110			
Calcium	15.1		"	10.00	4.56	106	90-110			
Potassium	11.8		"	10.00	1.43	104	90-110			

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Metals, Dissolved by EPA 200 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115077 - EPA 200.2 ICPMS										
Blank (1115077-BLK1)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Thallium	ND	0.0020	mg/L							
Beryllium	ND	0.0020	"							
Nickel	ND	0.011	"							
Barium	ND	0.010	"							
Chromium	ND	0.10	"							
Manganese	ND	0.010	"							
Copper	ND	0.010	"							
Cadmium	ND	0.0040	"							
Zinc	ND	0.010	"							
Antimony	ND	0.0050	"							
Vanadium	ND	0.010	"							
Selenium	ND	0.035	"							
Lead	ND	0.0020	"							
Arsenic	ND	0.0020	"							
Silver	ND	0.010	"							
Blank (1115077-BLK2)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Manganese	ND	0.010	mg/L							
Blank (1115077-BLK3)				Prepared: 04/05/2011 Analyzed: 04/12/2011						
Vanadium	ND	0.010	mg/L							
Beryllium	ND	0.0020	"							
Selenium	ND	0.035	"							
Thallium	ND	0.0020	"							
LCS (1115077-BS1)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Copper	0.207	0.0010	mg/L	0.2000		103	85-115		20	
Manganese	0.214	0.0010	"	0.2000		107	85-115		20	
Nickel	0.204	0.0050	"	0.2000		102	85-115		20	
Selenium	0.183	0.0050	"	0.2000		91.5	85-115		20	
Lead	0.192	0.0010	"	0.2000		96.1	85-115		20	
Vanadium	0.203	0.0050	"	0.2000		102	85-115		20	
Antimony	0.244	0.0050	"	0.2000		122	85-115		20	L2
Arsenic	0.211	0.0020	"	0.2000		105	85-115		20	
Thallium	0.186	0.0010	"	0.2000		93.2	85-115		20	
Barium	0.193	0.0050	"	0.2000		96.6	85-115		20	

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Metals, Dissolved by EPA 200 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115077 - EPA 200.2 ICPMS										
LCS (1115077-BS1)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Beryllium	0.222	0.0010	mg/L	0.2000		111	85-115		20	
Silver	0.110	0.0010	"	0.1000		110	85-115		20	
Chromium	0.209	0.0020	"	0.2000		105	85-115		20	
Zinc	0.194	0.0050	"	0.2000		97.2	85-115		20	
Cadmium	0.215	0.00050	"	0.2000		108	85-115		20	
LCS (1115077-BS2)				Prepared: 04/05/2011 Analyzed: 04/07/2011						
Manganese	0.207	0.0010	mg/L	0.2000		104	85-115		20	
LCS (1115077-BS3)				Prepared: 04/05/2011 Analyzed: 04/12/2011						
Selenium	0.210	0.0050	mg/L	0.2000		105	85-115		20	
Beryllium	0.190	0.0010	"	0.2000		95.2	85-115		20	
Thallium	0.230	0.0010	"	0.2000		115	85-115		20	
Vanadium	0.210	0.0050	"	0.2000		105	85-115		20	
Duplicate (1115077-DUP1)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Chromium	ND	0.0020	mg/L		ND				20	
Antimony	ND	0.0050	"		ND				20	
Selenium	0.00457	0.0050	"		0.00499			8.89	20	
Thallium	ND	0.0010	"		ND				20	
Arsenic	0.00374	0.0020	"		0.00424			12.5	20	
Vanadium	0.00193	0.0050	"		0.000685			95.1	20	
Lead	ND	0.0010	"		ND				20	
Manganese	2.12	0.0010	"		2.01			4.94	20	
Zinc	0.158	0.0050	"		0.154			2.56	20	
Barium	0.0171	0.0050	"		0.0171			0.169	20	
Silver	ND	0.0010	"		ND				20	
Copper	0.00116	0.0010	"		0.00124			7.33	20	
Cadmium	0.000285	0.00050	"		0.000302			5.79	20	
Beryllium	0.000927	0.0010	"		0.000975			5.05	20	
Nickel	0.235	0.0050	"		0.224			4.66	20	

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Metals, Dissolved by EPA 200 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115077 - EPA 200.2 ICPMS										
Duplicate (1115077-DUP2)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Manganese	2.07	0.020	mg/L		2.01			2.60	20	
Duplicate (1115077-DUP3)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Selenium	ND	0.10	mg/L		0.00499				20	
Beryllium	ND	0.020	"		0.000975				20	
Thallium	ND	0.020	"		ND				20	
Vanadium	0.0922	0.10	"		0.000685				20	
Duplicate (1115077-DUP4)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/12/2011						
Beryllium	0.000217	0.0010	mg/L		0.000975			127	20	R3
Selenium	0.000982	0.0050	"		0.00499			134	20	R3
Thallium	ND	0.0010	"		ND				20	
Vanadium	0.00524	0.0050	"		0.000685			154	20	R3
Matrix Spike (1115077-MS1)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Silver	0.110	0.0010	mg/L	0.1000	ND	110	70-130		20	
Beryllium	0.200	0.0010	"	0.2000	0.000975	99.5	70-130		20	
Chromium	0.180	0.0020	"	0.2000	ND	90.1	70-130		20	
Cadmium	0.224	0.00050	"	0.2000	0.000302	112	70-130		20	
Antimony	0.238	0.0050	"	0.2000	ND	119	70-130		20	
Manganese	2.36	0.0010	"	0.2000	2.01	171	70-130		20	
Arsenic	0.213	0.0020	"	0.2000	0.00424	104	70-130		20	
Lead	0.193	0.0010	"	0.2000	ND	96.6	70-130		20	
Selenium	0.176	0.0050	"	0.2000	0.00499	85.6	70-130		20	
Thallium	0.171	0.0010	"	0.2000	ND	85.4	70-130		20	
Zinc	0.335	0.0050	"	0.2000	0.154	90.8	70-130		20	
Vanadium	0.192	0.0050	"	0.2000	0.000685	95.7	70-130		20	
Copper	0.193	0.0010	"	0.2000	0.00124	95.9	70-130		20	
Barium	0.205	0.0050	"	0.2000	0.0171	93.7	70-130		20	
Nickel	0.400	0.0050	"	0.2000	0.224	88.3	70-130		20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115077 - EPA 200.2 ICPMS										
Matrix Spike Dup (1115077-MSD1)	**Source: 11C1255-05**			Prepared: 04/05/2011 Analyzed: 04/07/2011						
Zinc	0.318	0.0050	mg/L	0.2000	0.154	82.3	70-130	5.22	20	
Beryllium	0.187	0.0010	"	0.2000	0.000975	92.8	70-130	6.95	20	
Vanadium	0.180	0.0050	"	0.2000	0.000685	89.6	70-130	6.58	20	
Chromium	0.176	0.0020	"	0.2000	ND	88.1	70-130	2.24	20	
Antimony	0.233	0.0050	"	0.2000	ND	116	70-130	2.13	20	
Thallium	0.170	0.0010	"	0.2000	ND	84.9	70-130	0.609	20	
Cadmium	0.216	0.00050	"	0.2000	0.000302	108	70-130	3.76	20	
Lead	0.188	0.0010	"	0.2000	ND	94.0	70-130	2.76	20	
Nickel	0.390	0.0050	"	0.2000	0.224	83.0	70-130	2.64	20	
Selenium	0.172	0.0050	"	0.2000	0.00499	83.4	70-130	2.48	20	
Arsenic	0.206	0.0020	"	0.2000	0.00424	101	70-130	3.39	20	
Barium	0.196	0.0050	"	0.2000	0.0171	89.4	70-130	4.34	20	
Manganese	2.30	0.0010	"	0.2000	2.01	141	70-130	2.56	20	
Silver	0.105	0.0010	"	0.1000	ND	105	70-130	5.09	20	
Copper	0.185	0.0010	"	0.2000	0.00124	91.8	70-130	4.38	20	
Post Spike (1115077-PS1)	**Source: 11C1255-05**			Prepared: 04/05/2011 Analyzed: 04/07/2011						
Lead	47.1		ug/L	50.00	-0.309	94.8	75-125			
Thallium	47.0		"	50.00	-0.0800	94.2	75-125			
Cadmium	52.6		"	50.00	0.302	105	75-125			
Antimony	60.9		"	50.00	-0.413	123	75-125			
Selenium	52.2		"	50.00	4.99	94.4	75-125			
Arsenic	55.8		"	50.00	4.24	103	75-125			
Nickel	275		"	50.00	224	102	75-125			
Chromium	48.1		"	50.00	-1.15	98.5	75-125			
Vanadium	51.9		"	50.00	0.685	103	75-125			
Silver	36.2		"	25.00	-0.0450	145	75-125			
Manganese	2140		"	50.00	2010	243	75-125			
Zinc	209		"	50.00	154	110	75-125			
Beryllium	48.0		"	50.00	0.975	94.1	75-125			
Barium	65.6		"	50.00	17.1	96.9	75-125			
Copper	47.9		"	50.00	1.24	93.2	75-125			

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Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115077 - EPA 200.2 ICPMS										
Post Spike (1115077-PS2)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Manganese	3040		ug/L	1000	2010	102	75-125			
Post Spike (1115077-PS3)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/07/2011						
Selenium	958		ug/L	1000	4.99	95.3	75-125			
Thallium	881		"	1000	-0.0800	88.1	75-125			
Vanadium	1030		"	1000	0.685	103	75-125			
Beryllium	1070		"	1000	0.975	107	75-125			
Post Spike (1115077-PS4)		**Source: 11C1255-05**		Prepared: 04/05/2011 Analyzed: 04/12/2011						
Vanadium	58.0		ug/L	50.00	0.685	115	75-125			
Beryllium	49.3		"	50.00	0.975	96.6	75-125			
Selenium	50.6		"	50.00	4.99	91.2	75-125			
Thallium	57.7		"	50.00	-0.0800	116	75-125			
Batch M1C2405 - 1113057										
Instrument Blank (M1C2405-IBL1)				Prepared & Analyzed: 03/22/2011						
Magnesium	ND	0.010	mg/L							
Iron	ND	0.0050	"							
Calcium	ND	0.050	"							
Batch M1D0402 - 1114154										
Instrument Blank (M1D0402-IBL1)				Prepared & Analyzed: 04/01/2011						
Magnesium	ND	0.010	mg/L							
Sodium	ND	1.0	"							
Potassium	ND	0.010	"							
Iron	ND	0.0050	"							
Calcium	ND	0.050	"							

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Dissolved by EPA 200 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch M1D0815 - 1115076										
Instrument Blank (M1D0815-IBL1)				Prepared & Analyzed: 04/06/2011						
Iron	ND	0.0050	mg/L							
Potassium	ND	0.010	"							
Magnesium	ND	0.010	"							
Calcium	ND	0.050	"							
Sodium	ND	1.0	"							

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
Blank (1113155-BLK1)				Prepared & Analyzed: 03/24/2011						
Dichlorodifluoromethane	ND	1.0	ug/L							U
Chloromethane	ND	1.0	"							V1, U
Vinyl chloride	ND	1.0	"							U
Bromomethane	ND	5.0	"							V6, U
Chloroethane	ND	1.0	"							U
Trichlorofluoromethane	ND	1.0	"							V6, U
Acrolein	ND	10	"							U
1,1-Dichloroethene	ND	1.0	"							U
Acetone	ND	25	"							U
Iodomethane	ND	1.0	"							U
Carbon disulfide	ND	1.0	"							U
Allyl Chloride (3-Chloropropylene)	ND	1.0	"							U
Acetonitrile	ND	5.0	"							U
Methylene Chloride	ND	5.0	"							U
Methyl-tert-Butyl Ether	ND	1.0	"							U
trans-1,2-Dichloroethene	ND	1.0	"							U
Acrylonitrile	ND	5.0	"							U
1,1-Dichloroethane	ND	1.0	"							U
Chloroprene	ND	1.0	"							U
2,2-Dichloropropane	ND	5.0	"							U
cis-1,2-Dichloroethene	ND	1.0	"							U
2-Butanone	ND	5.0	"							U
Propionitrile (Ethyl Cyanide)	ND	5.0	"							U
Methacrylonitrile	ND	5.0	"							U
Chloroform	ND	1.0	"							U
Bromochloromethane	ND	1.0	"							U
1,1,1-Trichloroethane	ND	1.0	"							U
1,1-Dichloropropene	ND	1.0	"							U
Carbon Tetrachloride	ND	1.0	"							V6, U
Benzene	ND	1.0	"							U
1,2-Dichloroethane	ND	1.0	"							U
Trichloroethene	ND	1.0	"							U
1,2-Dichloropropane	ND	1.0	"							U
Bromodichloromethane	ND	1.0	"							U
Methyl Methacrylate	ND	1.0	"							V1, U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
Blank (1113155-BLK1)				Prepared & Analyzed: 03/24/2011						
Dibromomethane	ND	2.0	ug/L							U
2-Chloroethyl Vinyl Ether	ND	1.0	"							V6, U
Methyl Isobutyl Ketone	ND	5.0	"							V1, U
cis-1,3-Dichloropropene	ND	1.0	"							U
Toluene	ND	1.0	"							U
trans-1,3-Dichloropropene	ND	1.0	"							U
Ethyl Methacrylate	ND	1.0	"							U
1,1,2-Trichloroethane	ND	1.0	"							U
2-Hexanone	ND	5.0	"							U
1,2-Dibromoethane	ND	1.0	"							U
Tetrachloroethene	ND	1.0	"							U
1,3-Dichloropropane	ND	1.0	"							U
Dibromochloromethane	ND	1.0	"							U
Chlorobenzene	ND	1.0	"							U
1,1,1,2-Tetrachloroethane	ND	1.0	"							U
Ethylbenzene	ND	1.0	"							U
m,p-Xylenes	ND	2.0	"							U
o-Xylene	ND	1.0	"							U
Styrene	ND	1.0	"							U
Bromoform	ND	1.0	"							U
Isopropylbenzene (Cumene)	ND	1.0	"							U
1,1,2,2-Tetrachloroethane	ND	1.0	"							U
1,2,3-Trichloropropane	ND	1.0	"							U
Bromobenzene	ND	1.0	"							U
Propylbenzene	ND	1.0	"							U
2-Chlorotoluene	ND	1.0	"							U
1,3,5-Trimethylbenzene	ND	1.0	"							U
4-Chlorotoluene	ND	1.0	"							U
tert-Butylbenzene	ND	1.0	"							U
1,2,4-Trimethylbenzene	ND	1.0	"							U
sec-Butylbenzene	ND	1.0	"							U
4-Isopropyltoluene	ND	1.0	"							U
1,3-Dichlorobenzene	ND	1.0	"							U
1,4-Dichlorobenzene	ND	1.0	"							U
trans-1,4-Dichloro-2-butene	ND	5.0	"							V1, U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
Blank (1113155-BLK1)				Prepared & Analyzed: 03/24/2011						
Butylbenzene	ND	1.0	ug/L							U
1,2-Dichlorobenzene	ND	1.0	"							U
1,2-Dibromo-3-chloropropane	ND	5.0	"							U
1,2,4-Trichlorobenzene	ND	5.0	"							U
Hexachlorobutadiene	ND	5.0	"							U
Naphthalene	0.850	1.0	"							V1, J
1,2,3-Trichlorobenzene	0.740	5.0	"							V1, J
Total Xylenes	ND	3.0	"							U
Surrogate: Dibromofluoromethane	*26.5*		"	*25.00*		*106*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*29.5*		"	*25.00*		*118*	*77.8-136*			
Surrogate: Toluene-d8	*25.4*		"	*25.00*		*102*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*31.1*		"	*25.00*		*124*	*80.8-127*			*S1*
LCS (1113155-BS1)				Prepared & Analyzed: 03/25/2011						
Dichlorodifluoromethane	23.1	1.0	ug/L	20.00		115	61.5-133		16.5	
Chloromethane	28.6	1.0	"	20.00		143	43-163		11.2	V1
Vinyl chloride	19.9	1.0	"	20.00		99.4	68.9-132		12.8	
Bromomethane	14.8	5.0	"	20.00		73.8	21.9-169		19.8	V6
Chloroethane	19.1	1.0	"	20.00		95.3	68.1-132		20.3	
Trichlorofluoromethane	16.8	1.0	"	20.00		83.8	63-138		11.8	M10
1,1-Dichloroethene	17.7	1.0	"	20.00		88.3	69.3-154		15.7	
Acetone	101	25	"	100.0		101	73.6-143		17.4	M3
Iodomethane	16.0	1.0	"	20.00		80.0	60.3-147		16.4	
Carbon disulfide	17.8	1.0	"	20.00		89.2	58.7-145		15	
Allyl Chloride (3-Chloropropylene)	16.7	1.0	"	20.00		83.6	72.2-136		11.7	
Acetonitrile	25.6	5.0	"	20.00		128	75.4-150		49.4	
Methylene Chloride	23.5	5.0	"	20.00		118	71.8-143		15.7	
Methyl-tert-Butyl Ether	22.6	1.0	"	20.00		113	70.8-132		13.9	
trans-1,2-Dichloroethene	20.2	1.0	"	20.00		101	87.7-128		15.8	
1,1-Dichloroethane	20.9	1.0	"	20.00		104	88.4-124		14.6	
Chloroprene	22.0	1.0	"	20.00		110	87.2-129		14	
2,2-Dichloropropane	21.0	5.0	"	20.00		105	62.9-125		13.7	
cis-1,2-Dichloroethene	21.7	1.0	"	20.00		108	83.5-130		13	
2-Butanone	111	5.0	"	100.0		111	74.4-148		11.9	M3
Chloroform	22.1	1.0	"	20.00		110	83.9-123		14.9	
Bromochloromethane	19.8	1.0	"	20.00		98.8	66.9-147		14.6	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
LCS (1113155-BS1)				Prepared & Analyzed: 03/25/2011						
1,1,1-Trichloroethane	20.1	1.0	ug/L	20.00		101	82.2-130		15.5	
1,1-Dichloropropene	20.6	1.0	"	20.00		103	87.5-120		13.3	
Carbon Tetrachloride	13.6	1.0	"	20.00		68.1	29.7-165		21.2	M10, V6
Benzene	19.9	1.0	"	20.00		99.4	83.5-121		14.8	
1,2-Dichloroethane	24.6	1.0	"	20.00		123	78.4-135		11.8	V1
Trichloroethene	20.7	1.0	"	20.00		104	72.2-143		18.3	
1,2-Dichloropropane	21.5	1.0	"	20.00		108	82.9-126		15	
Bromodichloromethane	21.3	1.0	"	20.00		107	80.6-123		12.8	
Methyl Methacrylate	24.2	1.0	"	20.00		121	75.3-154		17.4	V1
Dibromomethane	17.7	2.0	"	20.00		88.7	78.1-134		15.9	
2-Chloroethyl Vinyl Ether	13.3	1.0	"	10.00		133	63.8-141		17.6	V6
Methyl Isobutyl Ketone	122	5.0	"	100.0		122	79-145		13.7	V1
cis-1,3-Dichloropropene	22.6	1.0	"	20.00		113	75.5-125		14.2	
Toluene	21.2	1.0	"	20.00		106	83.2-123		15.2	
trans-1,3-Dichloropropene	22.9	1.0	"	20.00		115	68.6-131		12.7	
1,1,2-Trichloroethane	22.2	1.0	"	20.00		111	76.1-131		16.6	
2-Hexanone	121	5.0	"	100.0		121	76.4-144		14.5	V1
1,2-Dibromoethane	20.6	1.0	"	20.00		103	87-124		10.9	
Tetrachloroethene	17.1	1.0	"	20.00		85.6	57.7-158		20.7	
1,3-Dichloropropane	22.3	1.0	"	20.00		111	88.9-128		12.4	
Dibromochloromethane	19.7	1.0	"	20.00		98.5	71.3-128		16.5	
Chlorobenzene	19.4	1.0	"	20.00		97.2	84.4-122		15.8	
1,1,1,2-Tetrachloroethane	19.5	1.0	"	20.00		97.6	83.4-120		10.6	
Ethylbenzene	21.0	1.0	"	20.00		105	84.1-125		16.3	
m,p-Xylenes	42.4	2.0	"	40.00		106	85.1-125		14.1	
o-Xylene	21.3	1.0	"	20.00		107	82.8-122		14.3	
Styrene	19.8	1.0	"	20.00		98.8	80.5-119		19.8	
Bromoform	16.6	1.0	"	20.00		83.0	54.9-141		17.3	
Isopropylbenzene (Cumene)	21.0	1.0	"	20.00		105	91-122		12.4	
1,1,2,2-Tetrachloroethane	23.5	1.0	"	20.00		118	79-136		17	
1,2,3-Trichloropropane	22.3	1.0	"	20.00		111	92.7-130		15.2	
Bromobenzene	24.2	1.0	"	20.00		121	86.1-133		11.3	V1
Propylbenzene	23.6	1.0	"	20.00		118	85.5-130		11.9	
2-Chlorotoluene	23.8	1.0	"	20.00		119	90.6-128		12.4	
1,3,5-Trimethylbenzene	20.6	1.0	"	20.00		103	92.7-116		6.82	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
LCS (1113155-BS1)				Prepared & Analyzed: 03/25/2011						
4-Chlorotoluene	24.1	1.0	ug/L	20.00		120	84-128		13.9	
tert-Butylbenzene	21.5	1.0	"	20.00		108	87.4-124		15.7	
1,2,4-Trimethylbenzene	20.9	1.0	"	20.00		105	94.6-109		12.7	
sec-Butylbenzene	20.5	1.0	"	20.00		103	78.2-125		17.5	
4-Isopropyltoluene	21.0	1.0	"	20.00		105	86.6-115		15.9	M10
1,3-Dichlorobenzene	20.0	1.0	"	20.00		100	79.5-120		13.5	
1,4-Dichlorobenzene	20.4	1.0	"	20.00		102	80.2-119		14.7	
trans-1,4-Dichloro-2-butene	27.1	5.0	"	20.00		136	17.7-187		13.6	V1
Butylbenzene	23.2	1.0	"	20.00		116	86.1-123		16.6	
1,2-Dichlorobenzene	20.5	1.0	"	20.00		102	77.7-121		13.1	
1,2-Dibromo-3-chloropropane	20.9	5.0	"	20.00		104	63.5-157		26.1	M3
1,2,4-Trichlorobenzene	21.9	5.0	"	20.00		110	58.4-142		18.5	
Hexachlorobutadiene	16.8	5.0	"	20.00		84.0	46.7-140		22.9	
Naphthalene	25.2	1.0	"	20.00		126	20-187		52.2	M3, V1
1,2,3-Trichlorobenzene	22.8	5.0	"	20.00		114	40.3-152		38.9	M3
Surrogate: Dibromofluoromethane	*26.6*		*"*	*25.00*		*106*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*30.0*		*"*	*25.00*		*120*	*77.8-136*			
Surrogate: Toluene-d8	*25.0*		*"*	*25.00*		*100*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*31.2*		*"*	*25.00*		*125*	*80.8-127*			*S1*
LCS Dup (1113155-BSD1)				Prepared & Analyzed: 03/25/2011						
Dichlorodifluoromethane	22.8	1.0	ug/L	20.00		114	61.5-133	1.05	16.5	
Chloromethane	27.5	1.0	"	20.00		137	43-163	4.17	11.2	V1
Vinyl chloride	20.1	1.0	"	20.00		100	68.9-132	1.10	12.8	
Bromomethane	16.6	5.0	"	20.00		83.2	21.9-169	12.0	19.8	V6
Chloroethane	19.8	1.0	"	20.00		99.0	68.1-132	3.76	20.3	
Trichlorofluoromethane	16.9	1.0	"	20.00		84.6	63-138	1.07	11.8	M10
1,1-Dichloroethene	18.4	1.0	"	20.00		91.8	69.3-154	3.83	15.7	
Acetone	89.8	25	"	100.0		89.8	73.6-143	11.9	17.4	M3
Iodomethane	16.2	1.0	"	20.00		80.9	60.3-147	1.18	16.4	
Carbon disulfide	17.1	1.0	"	20.00		85.4	58.7-145	4.24	15	
Allyl Chloride (3-Chloropropylene)	15.9	1.0	"	20.00		79.6	72.2-136	4.78	11.7	
Acetonitrile	15.8	5.0	"	20.00		79.2	75.4-150	47.0	49.4	
Methylene Chloride	23.5	5.0	"	20.00		117	71.8-143	0.0851	15.7	
Methyl-tert-Butyl Ether	22.1	1.0	"	20.00		111	70.8-132	2.01	13.9	
trans-1,2-Dichloroethene	20.4	1.0	"	20.00		102	87.7-128	1.13	15.8	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
LCS Dup (1113155-BSD1)				Prepared & Analyzed: 03/25/2011						
1,1-Dichloroethane	21.4	1.0	ug/L	20.00		107	88.4-124	2.23	14.6	
Chloroprene	21.9	1.0	"	20.00		109	87.2-129	0.456	14	
2,2-Dichloropropane	20.3	5.0	"	20.00		102	62.9-125	3.53	13.7	
cis-1,2-Dichloroethene	22.1	1.0	"	20.00		111	83.5-130	2.05	13	
2-Butanone	105	5.0	"	100.0		105	74.4-148	5.70	11.9	M3
Chloroform	22.6	1.0	"	20.00		113	83.9-123	2.42	14.9	
Bromochloromethane	19.5	1.0	"	20.00		97.4	66.9-147	1.33	14.6	
1,1,1-Trichloroethane	20.1	1.0	"	20.00		100	82.2-130	0.149	15.5	
1,1-Dichloropropene	20.8	1.0	"	20.00		104	87.5-120	0.725	13.3	
Carbon Tetrachloride	12.4	1.0	"	20.00		62.2	29.7-165	9.14	21.2	M10, V6
Benzene	20.2	1.0	"	20.00		101	83.5-121	1.40	14.8	
1,2-Dichloroethane	25.0	1.0	"	20.00		125	78.4-135	1.61	11.8	V1
Trichloroethene	20.3	1.0	"	20.00		101	72.2-143	2.24	18.3	
1,2-Dichloropropane	22.1	1.0	"	20.00		111	82.9-126	2.84	15	
Bromodichloromethane	21.6	1.0	"	20.00		108	80.6-123	1.12	12.8	
Methyl Methacrylate	24.9	1.0	"	20.00		124	75.3-154	2.73	17.4	V1
Dibromomethane	17.6	2.0	"	20.00		87.8	78.1-134	1.08	15.9	
2-Chloroethyl Vinyl Ether	13.2	1.0	"	10.00		132	63.8-141	0.678	17.6	V6
Methyl Isobutyl Ketone	120	5.0	"	100.0		120	79-145	1.57	13.7	V1
cis-1,3-Dichloropropene	22.2	1.0	"	20.00		111	75.5-125	2.14	14.2	
Toluene	21.3	1.0	"	20.00		106	83.2-123	0.707	15.2	
trans-1,3-Dichloropropene	22.5	1.0	"	20.00		112	68.6-131	2.07	12.7	
1,1,2-Trichloroethane	22.6	1.0	"	20.00		113	76.1-131	2.01	16.6	
2-Hexanone	117	5.0	"	100.0		117	76.4-144	3.59	14.5	V1
1,2-Dibromoethane	20.6	1.0	"	20.00		103	87-124	0.00	10.9	
Tetrachloroethene	16.8	1.0	"	20.00		83.8	57.7-158	2.18	20.7	
1,3-Dichloropropane	22.4	1.0	"	20.00		112	88.9-128	0.582	12.4	
Dibromochloromethane	18.9	1.0	"	20.00		94.4	71.3-128	4.30	16.5	
Chlorobenzene	19.7	1.0	"	20.00		98.4	84.4-122	1.23	15.8	
1,1,1,2-Tetrachloroethane	18.8	1.0	"	20.00		94.2	83.4-120	3.44	10.6	
Ethylbenzene	20.9	1.0	"	20.00		104	84.1-125	0.716	16.3	
m,p-Xylenes	42.4	2.0	"	40.00		106	85.1-125	0.0471	14.1	
o-Xylene	21.8	1.0	"	20.00		109	82.8-122	2.27	14.3	
Styrene	19.6	1.0	"	20.00		97.8	80.5-119	0.967	19.8	
Bromoform	15.5	1.0	"	20.00		77.6	54.9-141	6.72	17.3	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
LCS Dup (1113155-BSD1)				Prepared & Analyzed: 03/25/2011						
Isopropylbenzene (Cumene)	20.5	1.0	ug/L	20.00		102	91-122	2.60	12.4	
1,1,2,2-Tetrachloroethane	24.2	1.0	"	20.00		121	79-136	2.73	17	
1,2,3-Trichloropropane	22.3	1.0	"	20.00		111	92.7-130	0.0898	15.2	
Bromobenzene	24.3	1.0	"	20.00		122	86.1-133	0.412	11.3	V1
Propylbenzene	23.4	1.0	"	20.00		117	85.5-130	1.19	11.9	
2-Chlorotoluene	23.3	1.0	"	20.00		116	90.6-128	2.08	12.4	
1,3,5-Trimethylbenzene	20.2	1.0	"	20.00		101	92.7-116	2.01	6.82	
4-Chlorotoluene	23.8	1.0	"	20.00		119	84-128	1.17	13.9	
tert-Butylbenzene	20.8	1.0	"	20.00		104	87.4-124	3.55	15.7	
1,2,4-Trimethylbenzene	20.1	1.0	"	20.00		100	94.6-109	4.05	12.7	
sec-Butylbenzene	20.3	1.0	"	20.00		101	78.2-125	1.32	17.5	
4-Isopropyltoluene	20.2	1.0	"	20.00		101	86.6-115	3.83	15.9	M10
1,3-Dichlorobenzene	19.8	1.0	"	20.00		99.2	79.5-120	0.803	13.5	
1,4-Dichlorobenzene	19.9	1.0	"	20.00		99.4	80.2-119	2.63	14.7	
trans-1,4-Dichloro-2-butene	26.2	5.0	"	20.00		131	17.7-187	3.42	13.6	V1
Butylbenzene	22.2	1.0	"	20.00		111	86.1-123	4.05	16.6	
1,2-Dichlorobenzene	19.6	1.0	"	20.00		98.2	77.7-121	4.09	13.1	
1,2-Dibromo-3-chloropropane	20.0	5.0	"	20.00		100	63.5-157	4.45	26.1	M3
1,2,4-Trichlorobenzene	21.6	5.0	"	20.00		108	58.4-142	1.52	18.5	
Hexachlorobutadiene	14.7	5.0	"	20.00		73.6	46.7-140	13.3	22.9	
Naphthalene	26.0	1.0	"	20.00		130	20-187	2.97	52.2	M3, V1
1,2,3-Trichlorobenzene	22.4	5.0	"	20.00		112	40.3-152	1.55	38.9	M3
Surrogate: Dibromofluoromethane	*26.8*		*"*	*25.00*		*107*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*30.9*		*"*	*25.00*		*124*	*77.8-136*			*S1*
Surrogate: Toluene-d8	*25.1*		*"*	*25.00*		*100*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*30.6*		*"*	*25.00*		*123*	*80.8-127*			
Matrix Spike (1113155-MS1)		**Source: 11C1213-01**		Prepared & Analyzed: 03/25/2011						
Dichlorodifluoromethane	18.3	1.0	ug/L	20.00	ND	91.6	57.9-110		8.31	
Chloromethane	23.3	1.0	"	20.00	ND	116	28.7-183		10.6	V1
Vinyl chloride	17.1	1.0	"	20.00	ND	85.4	68.1-136		7.43	
Bromomethane	14.8	5.0	"	20.00	ND	74.2	10.2-178		11.6	V6
Chloroethane	16.7	1.0	"	20.00	ND	83.4	65.9-136		8.48	
Trichlorofluoromethane	14.8	1.0	"	20.00	ND	74.1	58.6-130		9.61	M10
1,1-Dichloroethene	18.4	1.0	"	20.00	ND	92.0	58-178		8.44	
Acetone	227	25	"	100.0	76.7	151	80.5-173		6.01	M3

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
Matrix Spike (1113155-MS1)	**Source: 11C1213-01**			Prepared & Analyzed: 03/25/2011						
Iodomethane	15.5	1.0	ug/L	20.00	0.00	77.6	45.3-165		19.4	
Carbon disulfide	19.2	1.0	"	20.00	ND	95.8	59.5-154		12.3	
Allyl Chloride (3-Chloropropylene)	16.2	1.0	"	20.00	ND	81.2	63.7-149		13.5	
Acetonitrile	28.6	5.0	"	20.00	ND	143	84.7-159		7.62	
Methylene Chloride	24.8	5.0	"	20.00	ND	124	59.4-168		11.2	
Methyl-tert-Butyl Ether	25.4	1.0	"	20.00	ND	127	70.4-155		23.6	
trans-1,2-Dichloroethene	22.1	1.0	"	20.00	ND	111	72.3-161		8.19	
1,1-Dichloroethane	23.0	1.0	"	20.00	ND	115	73.6-157		7.21	
Chloroprene	22.9	1.0	"	20.00	ND	115	82.6-148		8.66	
2,2-Dichloropropane	10.2	5.0	"	20.00	ND	50.9	-5.41-170		13.2	
cis-1,2-Dichloroethene	24.3	1.0	"	20.00	ND	122	74.3-157		9.33	
2-Butanone	170	5.0	"	100.0	ND	170	67.8-193		6.75	M3
Chloroform	25.0	1.0	"	20.00	0.880	120	68.8-152		6.51	
Bromochloromethane	20.0	1.0	"	20.00	ND	100	58.4-170		8.05	
1,1,1-Trichloroethane	22.1	1.0	"	20.00	ND	110	72.7-159		7.88	
1,1-Dichloropropene	22.2	1.0	"	20.00	ND	111	89.6-126		8.37	
Carbon Tetrachloride	14.2	1.0	"	20.00	ND	70.8	31-172		12.3	M10, V6
Benzene	22.3	1.0	"	20.00	ND	111	67.9-156		6.37	
1,2-Dichloroethane	26.2	1.0	"	20.00	ND	131	70-163		16.2	V1
Trichloroethene	22.6	1.0	"	20.00	ND	113	59.5-183		9.7	
1,2-Dichloropropane	23.6	1.0	"	20.00	ND	118	66.5-158		9.22	
Bromodichloromethane	22.9	1.0	"	20.00	ND	114	72.2-149		12.1	
Methyl Methacrylate	25.6	1.0	"	20.00	ND	128	77.5-162		6.85	V1
Dibromomethane	18.5	2.0	"	20.00	ND	92.7	66.8-158		7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	V6, U
Methyl Isobutyl Ketone	131	5.0	"	100.0	14.0	117	79.3-166		5.26	V1
cis-1,3-Dichloropropene	20.7	1.0	"	20.00	ND	103	44.7-160		8.49	
Toluene	30.3	1.0	"	20.00	13.8	82.5	61.8-160		6.78	
trans-1,3-Dichloropropene	21.4	1.0	"	20.00	ND	107	39.4-166		18.7	
1,1,2-Trichloroethane	23.9	1.0	"	20.00	ND	119	72.6-153		20.8	
2-Hexanone	131	5.0	"	100.0	ND	131	80.1-168		6.91	V1
1,2-Dibromoethane	21.3	1.0	"	20.00	ND	107	76.7-150		6.77	
Tetrachloroethene	19.3	1.0	"	20.00	ND	96.4	61.7-160		7.81	
1,3-Dichloropropane	23.5	1.0	"	20.00	ND	118	87.3-145		7.65	
Dibromochloromethane	20.6	1.0	"	20.00	ND	103	66.3-147		16.1	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
Matrix Spike (1113155-MS1)	**Source: 11C1213-01**			Prepared & Analyzed: 03/25/2011						
Chlorobenzene	21.9	1.0	ug/L	20.00	ND	109	74.2-149		8.07	
1,1,1,2-Tetrachloroethane	20.7	1.0	"	20.00	ND	104	82-131		9.97	
Ethylbenzene	23.1	1.0	"	20.00	ND	116	75.8-151		7.84	
m,p-Xylenes	47.2	2.0	"	40.00	ND	118	63.1-168		7.04	
o-Xylene	24.1	1.0	"	20.00	ND	120	70.9-152		5.28	
Styrene	20.8	1.0	"	20.00	ND	104	76.4-129		5.47	
Bromoform	16.9	1.0	"	20.00	ND	84.5	33.8-185		19.7	
Isopropylbenzene (Cumene)	22.7	1.0	"	20.00	ND	114	65.3-163		8.15	
1,1,2,2-Tetrachloroethane	26.7	1.0	"	20.00	ND	133	90.6-150		10.4	
1,2,3-Trichloropropane	24.5	1.0	"	20.00	ND	122	99.9-148		3.74	
Bromobenzene	26.4	1.0	"	20.00	ND	132	99-142		9.89	V1
Propylbenzene	25.2	1.0	"	20.00	ND	126	65.7-188		8.46	
2-Chlorotoluene	25.2	1.0	"	20.00	ND	126	74.8-151		9.89	
1,3,5-Trimethylbenzene	21.9	1.0	"	20.00	ND	110	72.1-139		8.34	
4-Chlorotoluene	25.9	1.0	"	20.00	ND	130	74.5-148		10.5	
tert-Butylbenzene	22.5	1.0	"	20.00	ND	112	93.5-125		11.6	
1,2,4-Trimethylbenzene	23.2	1.0	"	20.00	ND	116	75.5-135		12.1	
sec-Butylbenzene	22.1	1.0	"	20.00	ND	110	93.2-130		9.52	
4-Isopropyltoluene	22.0	1.0	"	20.00	13.4	43.0	-5.12-183		11.3	M10
1,3-Dichlorobenzene	21.0	1.0	"	20.00	ND	105	67.7-147		9.61	
1,4-Dichlorobenzene	21.7	1.0	"	20.00	ND	109	70.3-145		10.4	
trans-1,4-Dichloro-2-butene	22.4	5.0	"	20.00	ND	112	53.7-134		11.7	V1
Butylbenzene	23.4	1.0	"	20.00	ND	117	44.3-161		11.5	
1,2-Dichlorobenzene	21.4	1.0	"	20.00	ND	107	71.8-143		9.9	
1,2-Dibromo-3-chloropropane	25.1	5.0	"	20.00	ND	126	98.3-143		20.7	M3
1,2,4-Trichlorobenzene	24.3	5.0	"	20.00	ND	122	86.9-156		11.2	
Hexachlorobutadiene	17.8	5.0	"	20.00	ND	89.2	44.5-164		12	
Naphthalene	39.3	1.0	"	20.00	0.350	195	51-212		43.2	M3, V1
1,2,3-Trichlorobenzene	31.9	5.0	"	20.00	ND	159	41.1-197		25.7	M3
Surrogate: Dibromofluoromethane	*25.8*		*"*	*25.00*		*103*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*29.3*		*"*	*25.00*		*117*	*77.8-136*			
Surrogate: Toluene-d8	*25.1*		*"*	*25.00*		*101*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*30.9*		*"*	*25.00*		*124*	*80.8-127*			*S1*

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Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
Matrix Spike Dup (1113155-MSD1)	**Source: 11C1213-01**			Prepared & Analyzed: 03/25/2011						
Dichlorodifluoromethane	18.5	1.0	ug/L	20.00	ND	92.4	57.9-110	0.869	8.31	
Chloromethane	23.9	1.0	"	20.00	ND	119	28.7-183	2.50	10.6	V1
Vinyl chloride	17.3	1.0	"	20.00	ND	86.6	68.1-136	1.40	7.43	
Bromomethane	14.3	5.0	"	20.00	ND	71.5	10.2-178	3.77	11.6	V6
Chloroethane	17.0	1.0	"	20.00	ND	85.2	65.9-136	2.14	8.48	
Trichlorofluoromethane	15.2	1.0	"	20.00	ND	75.8	58.6-130	2.27	9.61	M10
1,1-Dichloroethene	17.7	1.0	"	20.00	ND	88.4	58-178	3.99	8.44	
Acetone	227	25	"	100.0	76.7	150	80.5-173	0.256	6.01	M3
Iodomethane	14.9	1.0	"	20.00	0.00	74.6	45.3-165	3.88	19.4	
Carbon disulfide	18.0	1.0	"	20.00	ND	90.0	59.5-154	6.14	12.3	
Allyl Chloride (3-Chloropropylene)	16.3	1.0	"	20.00	ND	81.4	63.7-149	0.246	13.5	
Acetonitrile	27.1	5.0	"	20.00	ND	136	84.7-159	5.38	7.62	
Methylene Chloride	24.4	5.0	"	20.00	ND	122	59.4-168	1.59	11.2	
Methyl-tert-Butyl Ether	25.1	1.0	"	20.00	ND	126	70.4-155	0.951	23.6	
trans-1,2-Dichloroethene	21.8	1.0	"	20.00	ND	109	72.3-161	1.55	8.19	
1,1-Dichloroethane	22.7	1.0	"	20.00	ND	113	73.6-157	1.36	7.21	
Chloroprene	22.4	1.0	"	20.00	ND	112	82.6-148	2.52	8.66	
2,2-Dichloropropane	9.92	5.0	"	20.00	ND	49.6	-5.41-170	2.59	13.2	
cis-1,2-Dichloroethene	23.1	1.0	"	20.00	ND	116	74.3-157	4.93	9.33	
2-Butanone	168	5.0	"	100.0	ND	168	67.8-193	1.17	6.75	M3
Chloroform	24.1	1.0	"	20.00	0.880	116	68.8-152	3.30	6.51	
Bromochloromethane	19.7	1.0	"	20.00	ND	98.4	58.4-170	1.66	8.05	
1,1,1-Trichloroethane	21.6	1.0	"	20.00	ND	108	72.7-159	2.25	7.88	
1,1-Dichloropropene	21.9	1.0	"	20.00	ND	110	89.6-126	1.31	8.37	
Carbon Tetrachloride	14.5	1.0	"	20.00	ND	72.6	31-172	2.44	12.3	M10, V6
Benzene	21.8	1.0	"	20.00	ND	109	67.9-156	2.36	6.37	
1,2-Dichloroethane	25.7	1.0	"	20.00	ND	129	70-163	1.70	16.2	V1
Trichloroethene	22.1	1.0	"	20.00	ND	110	59.5-183	2.46	9.7	
1,2-Dichloropropane	23.1	1.0	"	20.00	ND	116	66.5-158	1.88	9.22	
Bromodichloromethane	22.6	1.0	"	20.00	ND	113	72.2-149	1.41	12.1	
Methyl Methacrylate	25.4	1.0	"	20.00	ND	127	77.5-162	0.824	6.85	V1
Dibromomethane	17.7	2.0	"	20.00	ND	88.6	66.8-158	4.52	7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	V6, U
Methyl Isobutyl Ketone	129	5.0	"	100.0	14.0	115	79.3-166	1.62	5.26	V1
cis-1,3-Dichloropropene	20.9	1.0	"	20.00	ND	105	44.7-160	1.30	8.49	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
Matrix Spike Dup (1113155-MSD1)	**Source: 11C1213-01**			Prepared & Analyzed: 03/25/2011						
Toluene	30.4	1.0	ug/L	20.00	13.8	82.8	61.8-160	0.165	6.78	
trans-1,3-Dichloropropene	20.9	1.0	"	20.00	ND	104	39.4-166	2.23	18.7	
1,1,2-Trichloroethane	22.8	1.0	"	20.00	ND	114	72.6-153	4.76	20.8	
2-Hexanone	129	5.0	"	100.0	ND	129	80.1-168	2.05	6.91	V1
1,2-Dibromoethane	21.1	1.0	"	20.00	ND	105	76.7-150	1.18	6.77	
Tetrachloroethene	18.4	1.0	"	20.00	ND	92.2	61.7-160	4.40	7.81	
1,3-Dichloropropane	23.2	1.0	"	20.00	ND	116	87.3-145	1.54	7.65	
Dibromochloromethane	19.8	1.0	"	20.00	ND	99.0	66.3-147	4.20	16.1	
Chlorobenzene	20.7	1.0	"	20.00	ND	104	74.2-149	5.49	8.07	
1,1,1,2-Tetrachloroethane	19.4	1.0	"	20.00	ND	96.8	82-131	6.69	9.97	
Ethylbenzene	21.8	1.0	"	20.00	ND	109	75.8-151	5.65	7.84	
m,p-Xylenes	45.4	2.0	"	40.00	ND	114	63.1-168	3.82	7.04	
o-Xylene	23.4	1.0	"	20.00	ND	117	70.9-152	2.74	5.28	
Styrene	20.2	1.0	"	20.00	ND	101	76.4-129	2.93	5.47	
Bromoform	16.5	1.0	"	20.00	ND	82.4	33.8-185	2.58	19.7	
Isopropylbenzene (Cumene)	21.8	1.0	"	20.00	ND	109	65.3-163	4.13	8.15	
1,1,2,2-Tetrachloroethane	25.9	1.0	"	20.00	ND	129	90.6-150	2.97	10.4	
1,2,3-Trichloropropane	24.1	1.0	"	20.00	ND	121	99.9-148	1.52	3.74	
Bromobenzene	24.7	1.0	"	20.00	ND	124	99-142	6.42	9.89	V1
Propylbenzene	23.9	1.0	"	20.00	ND	120	65.7-188	5.17	8.46	
2-Chlorotoluene	24.6	1.0	"	20.00	ND	123	74.8-151	2.17	9.89	
1,3,5-Trimethylbenzene	21.1	1.0	"	20.00	ND	106	72.1-139	3.67	8.34	
4-Chlorotoluene	24.5	1.0	"	20.00	ND	123	74.5-148	5.43	10.5	
tert-Butylbenzene	21.6	1.0	"	20.00	ND	108	93.5-125	4.22	11.6	
1,2,4-Trimethylbenzene	21.8	1.0	"	20.00	ND	109	75.5-135	6.18	12.1	
sec-Butylbenzene	21.0	1.0	"	20.00	ND	105	93.2-130	5.20	9.52	
4-Isopropyltoluene	20.5	1.0	"	20.00	13.4	35.6	-5.12-183	6.96	11.3	M10
1,3-Dichlorobenzene	20.2	1.0	"	20.00	ND	101	67.7-147	3.64	9.61	
1,4-Dichlorobenzene	20.7	1.0	"	20.00	ND	103	70.3-145	5.00	10.4	
trans-1,4-Dichloro-2-butene	21.7	5.0	"	20.00	ND	109	53.7-134	3.26	11.7	V1
Butylbenzene	21.8	1.0	"	20.00	ND	109	44.3-161	7.14	11.5	
1,2-Dichlorobenzene	20.2	1.0	"	20.00	ND	101	71.8-143	5.48	9.9	
1,2-Dibromo-3-chloropropane	22.5	5.0	"	20.00	ND	112	98.3-143	11.0	20.7	M3
1,2,4-Trichlorobenzene	23.3	5.0	"	20.00	ND	116	86.9-156	4.45	11.2	
Hexachlorobutadiene	16.9	5.0	"	20.00	ND	84.6	44.5-164	5.23	12	

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Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113155 - EPA 5030B										
Matrix Spike Dup (1113155-MSD1)	**Source: 11C1213-01**			Prepared & Analyzed: 03/25/2011						
Naphthalene	39.6	1.0	ug/L	20.00	0.350	196	51-212	0.709	43.2	M3, V1
1,2,3-Trichlorobenzene	30.8	5.0	"	20.00	ND	154	41.1-197	3.48	25.7	M3
Surrogate: Dibromofluoromethane	*26.3*		*"*	*25.00*		*105*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*30.4*		*"*	*25.00*		*122*	*77.8-136*			*S1*
Surrogate: Toluene-d8	*25.2*		*"*	*25.00*		*101*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*30.2*		*"*	*25.00*		*121*	*80.8-127*			
Batch 1114002 - EPA 5030B										
Blank (1114002-BLK1)				Prepared & Analyzed: 03/28/2011						
Dichlorodifluoromethane	ND	1.0	ug/L							U
Chloromethane	ND	1.0	"							V6, U
Vinyl chloride	ND	1.0	"							U
Bromomethane	ND	5.0	"							U
Chloroethane	ND	1.0	"							U
Trichlorofluoromethane	ND	1.0	"							L3, U
Acrolein	ND	10	"							U
1,1-Dichloroethene	ND	1.0	"							U
Acetone	ND	25	"							U
Iodomethane	ND	1.0	"							U
Carbon disulfide	ND	1.0	"							U
Allyl Chloride (3-Chloropropylene)	ND	1.0	"							U
Acetonitrile	ND	5.0	"							U
Methylene Chloride	1.14	5.0	"							J
Methyl-tert-Butyl Ether	ND	1.0	"							U
trans-1,2-Dichloroethene	ND	1.0	"							U
Acrylonitrile	ND	5.0	"							U
1,1-Dichloroethane	ND	1.0	"							U
Chloroprene	ND	1.0	"							U
2,2-Dichloropropane	ND	5.0	"							U
cis-1,2-Dichloroethene	ND	1.0	"							U
2-Butanone	ND	5.0	"							U
Propionitrile (Ethyl Cyanide)	ND	5.0	"							U
Methacrylonitrile	ND	5.0	"							U
Chloroform	ND	1.0	"							U
Bromochloromethane	ND	1.0	"							U

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Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
Blank (1114002-BLK1)				Prepared & Analyzed: 03/28/2011						
1,1,1-Trichloroethane	ND	1.0	ug/L							U
1,1-Dichloropropene	ND	1.0	"							U
Carbon Tetrachloride	ND	1.0	"							V6, U
Benzene	ND	1.0	"							U
1,2-Dichloroethane	ND	1.0	"							V1, U
Trichloroethene	ND	1.0	"							U
1,2-Dichloropropane	ND	1.0	"							U
Bromodichloromethane	ND	1.0	"							U
Methyl Methacrylate	ND	1.0	"							U
Dibromomethane	ND	2.0	"							U
2-Chloroethyl Vinyl Ether	ND	1.0	"							V6, U
Methyl Isobutyl Ketone	ND	5.0	"							U
cis-1,3-Dichloropropene	ND	1.0	"							U
Toluene	ND	1.0	"							U
trans-1,3-Dichloropropene	ND	1.0	"							U
Ethyl Methacrylate	ND	1.0	"							U
1,1,2-Trichloroethane	ND	1.0	"							U
2-Hexanone	ND	5.0	"							U
1,2-Dibromoethane	ND	1.0	"							U
Tetrachloroethene	ND	1.0	"							U
1,3-Dichloropropane	ND	1.0	"							U
Dibromochloromethane	ND	1.0	"							U
Chlorobenzene	ND	1.0	"							U
1,1,1,2-Tetrachloroethane	ND	1.0	"							U
Ethylbenzene	ND	1.0	"							U
m,p-Xylenes	ND	2.0	"							U
o-Xylene	ND	1.0	"							U
Styrene	ND	1.0	"							U
Bromoform	ND	1.0	"							U
Isopropylbenzene (Cumene)	ND	1.0	"							U
1,1,2,2-Tetrachloroethane	ND	1.0	"							U
1,2,3-Trichloropropane	ND	1.0	"							U
Bromobenzene	ND	1.0	"							U
Propylbenzene	ND	1.0	"							U
2-Chlorotoluene	ND	1.0	"							U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
Blank (1114002-BLK1)				Prepared & Analyzed: 03/28/2011						
1,3,5-Trimethylbenzene	ND	1.0	ug/L							U
4-Chlorotoluene	ND	1.0	"							U
tert-Butylbenzene	ND	1.0	"							U
1,2,4-Trimethylbenzene	ND	1.0	"							U
sec-Butylbenzene	ND	1.0	"							U
4-Isopropyltoluene	ND	1.0	"							U
1,3-Dichlorobenzene	ND	1.0	"							U
1,4-Dichlorobenzene	ND	1.0	"							U
trans-1,4-Dichloro-2-butene	ND	5.0	"							U
Butylbenzene	ND	1.0	"							U
1,2-Dichlorobenzene	ND	1.0	"							U
1,2-Dibromo-3-chloropropane	ND	5.0	"							U
1,2,4-Trichlorobenzene	0.340	5.0	"							J
Hexachlorobutadiene	ND	5.0	"							U
Naphthalene	0.890	1.0	"							V6, J
1,2,3-Trichlorobenzene	0.910	5.0	"							L2, J
Total Xylenes	ND	3.0	"							U
Surrogate: Dibromofluoromethane	*27.6*		*"*	*25.00*		*111*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*30.4*		*"*	*25.00*		*122*	*77.8-136*			
Surrogate: Toluene-d8	*24.4*		*"*	*25.00*		*97.8*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*29.7*		*"*	*25.00*		*119*	*80.8-127*			
LCS (1114002-BS1)				Prepared & Analyzed: 03/28/2011						
Dichlorodifluoromethane	17.2	1.0	ug/L	20.00		85.8	61.5-133		16.5	
Chloromethane	21.0	1.0	"	20.00		105	43-163		11.2	V6
Vinyl chloride	16.7	1.0	"	20.00		83.3	68.9-132		12.8	
Bromomethane	15.8	5.0	"	20.00		79.1	21.9-169		19.8	R2
Chloroethane	16.6	1.0	"	20.00		83.0	68.1-132		20.3	
Trichlorofluoromethane	12.4	1.0	"	20.00		62.0	63-138		11.8	L3
1,1-Dichloroethene	17.6	1.0	"	20.00		87.8	69.3-154		15.7	
Acetone	85.7	25	"	100.0		85.7	73.6-143		17.4	
Iodomethane	18.6	1.0	"	20.00		92.9	60.3-147		16.4	
Carbon disulfide	18.0	1.0	"	20.00		90.2	58.7-145		15	
Allyl Chloride (3-Chloropropylene)	17.2	1.0	"	20.00		86.2	72.2-136		11.7	
Acetonitrile	21.7	5.0	"	20.00		108	75.4-150		49.4	
Methylene Chloride	22.4	5.0	"	20.00		112	71.8-143		15.7	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
LCS (1114002-BS1)				Prepared & Analyzed: 03/28/2011						
Methyl-tert-Butyl Ether	22.5	1.0	ug/L	20.00		113	70.8-132		13.9	
trans-1,2-Dichloroethene	20.2	1.0	"	20.00		101	87.7-128		15.8	
1,1-Dichloroethane	21.7	1.0	"	20.00		109	88.4-124		14.6	
Chloroprene	20.8	1.0	"	20.00		104	87.2-129		14	
2,2-Dichloropropane	20.4	5.0	"	20.00		102	62.9-125		13.7	
cis-1,2-Dichloroethene	21.4	1.0	"	20.00		107	83.5-130		13	
2-Butanone	101	5.0	"	100.0		101	74.4-148		11.9	
Chloroform	23.6	1.0	"	20.00		118	83.9-123		14.9	
Bromochloromethane	18.4	1.0	"	20.00		92.0	66.9-147		14.6	
1,1,1-Trichloroethane	22.3	1.0	"	20.00		111	82.2-130		15.5	
1,1-Dichloropropene	21.1	1.0	"	20.00		105	87.5-120		13.3	
Carbon Tetrachloride	14.8	1.0	"	20.00		74.2	29.7-165		21.2	V6
Benzene	20.8	1.0	"	20.00		104	83.5-121		14.8	
1,2-Dichloroethane	24.5	1.0	"	20.00		122	78.4-135		11.8	V1
Trichloroethene	22.1	1.0	"	20.00		110	72.2-143		18.3	
1,2-Dichloropropane	22.2	1.0	"	20.00		111	82.9-126		15	
Bromodichloromethane	22.3	1.0	"	20.00		111	80.6-123		12.8	
Methyl Methacrylate	22.5	1.0	"	20.00		112	75.3-154		17.4	
Dibromomethane	19.6	2.0	"	20.00		97.9	78.1-134		15.9	
2-Chloroethyl Vinyl Ether	7.47	1.0	"	10.00		74.7	63.8-141		17.6	V6
Methyl Isobutyl Ketone	113	5.0	"	100.0		113	79-145		13.7	
cis-1,3-Dichloropropene	22.0	1.0	"	20.00		110	75.5-125		14.2	
Toluene	22.3	1.0	"	20.00		112	83.2-123		15.2	
trans-1,3-Dichloropropene	22.2	1.0	"	20.00		111	68.6-131		12.7	
1,1,2-Trichloroethane	22.5	1.0	"	20.00		112	76.1-131		16.6	
2-Hexanone	113	5.0	"	100.0		113	76.4-144		14.5	
1,2-Dibromoethane	21.2	1.0	"	20.00		106	87-124		10.9	
Tetrachloroethene	21.1	1.0	"	20.00		105	57.7-158		20.7	
1,3-Dichloropropane	21.5	1.0	"	20.00		107	88.9-128		12.4	
Dibromochloromethane	19.7	1.0	"	20.00		98.4	71.3-128		16.5	
Chlorobenzene	21.0	1.0	"	20.00		105	84.4-122		15.8	
1,1,1,2-Tetrachloroethane	20.3	1.0	"	20.00		102	83.4-120		10.6	
Ethylbenzene	21.4	1.0	"	20.00		107	84.1-125		16.3	
m,p-Xylenes	43.1	2.0	"	40.00		108	85.1-125		14.1	
o-Xylene	22.0	1.0	"	20.00		110	82.8-122		14.3	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
LCS (1114002-BS1)				Prepared & Analyzed: 03/28/2011						
Styrene	20.9	1.0	ug/L	20.00		104	80.5-119		19.8	
Bromoform	17.6	1.0	"	20.00		88.0	54.9-141		17.3	
Isopropylbenzene (Cumene)	21.3	1.0	"	20.00		106	91-122		12.4	
1,1,2,2-Tetrachloroethane	23.3	1.0	"	20.00		116	79-136		17	
1,2,3-Trichloropropane	21.9	1.0	"	20.00		109	92.7-130		15.2	
Bromobenzene	23.3	1.0	"	20.00		116	86.1-133		11.3	
Propylbenzene	23.2	1.0	"	20.00		116	85.5-130		11.9	
2-Chlorotoluene	23.7	1.0	"	20.00		118	90.6-128		12.4	
1,3,5-Trimethylbenzene	20.8	1.0	"	20.00		104	92.7-116		6.82	
4-Chlorotoluene	23.9	1.0	"	20.00		120	84-128		13.9	
tert-Butylbenzene	21.5	1.0	"	20.00		107	87.4-124		15.7	
1,2,4-Trimethylbenzene	21.1	1.0	"	20.00		105	94.6-109		12.7	L2
sec-Butylbenzene	21.5	1.0	"	20.00		107	78.2-125		17.5	
4-Isopropyltoluene	21.6	1.0	"	20.00		108	86.6-115		15.9	
1,3-Dichlorobenzene	21.0	1.0	"	20.00		105	79.5-120		13.5	
1,4-Dichlorobenzene	21.5	1.0	"	20.00		107	80.2-119		14.7	
trans-1,4-Dichloro-2-butene	22.5	5.0	"	20.00		113	17.7-187		13.6	
Butylbenzene	23.0	1.0	"	20.00		115	86.1-123		16.6	
1,2-Dichlorobenzene	20.7	1.0	"	20.00		103	77.7-121		13.1	
1,2-Dibromo-3-chloropropane	23.2	5.0	"	20.00		116	63.5-157		26.1	
1,2,4-Trichlorobenzene	23.2	5.0	"	20.00		116	58.4-142		18.5	
Hexachlorobutadiene	17.1	5.0	"	20.00		85.5	46.7-140		22.9	
Naphthalene	38.5	1.0	"	20.00		193	20-187		52.2	V6
1,2,3-Trichlorobenzene	27.8	5.0	"	20.00		139	40.3-152		38.9	L2
Surrogate: Dibromofluoromethane	*26.8*		*"*	*25.00*		*107*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*28.5*		*"*	*25.00*		*114*	*77.8-136*			
Surrogate: Toluene-d8	*24.9*		*"*	*25.00*		*99.7*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*28.5*		*"*	*25.00*		*114*	*80.8-127*			

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
LCS Dup (1114002-BSD1)				Prepared & Analyzed: 03/28/2011						
Dichlorodifluoromethane	17.3	1.0	ug/L	20.00		86.4	61.5-133	0.639	16.5	
Chloromethane	20.8	1.0	"	20.00		104	43-163	0.956	11.2	V6
Vinyl chloride	16.7	1.0	"	20.00		83.4	68.9-132	0.0600	12.8	
Bromomethane	16.8	5.0	"	20.00		84.2	21.9-169	6.25	19.8	
Chloroethane	17.0	1.0	"	20.00		84.8	68.1-132	2.09	20.3	
Trichlorofluoromethane	12.9	1.0	"	20.00		64.6	63-138	4.18	11.8	L3
1,1-Dichloroethene	16.9	1.0	"	20.00		84.4	69.3-154	4.07	15.7	
Acetone	87.3	25	"	100.0		87.3	73.6-143	1.79	17.4	
Iodomethane	17.7	1.0	"	20.00		88.3	60.3-147	5.08	16.4	
Carbon disulfide	17.7	1.0	"	20.00		88.3	58.7-145	2.18	15	
Allyl Chloride (3-Chloropropylene)	17.0	1.0	"	20.00		85.2	72.2-136	1.17	11.7	
Acetonitrile	18.6	5.0	"	20.00		93.2	75.4-150	15.2	49.4	
Methylene Chloride	22.4	5.0	"	20.00		112	71.8-143	0.0894	15.7	
Methyl-tert-Butyl Ether	22.5	1.0	"	20.00		113	70.8-132	0.00	13.9	
trans-1,2-Dichloroethene	20.0	1.0	"	20.00		99.8	87.7-128	1.05	15.8	
1,1-Dichloroethane	21.4	1.0	"	20.00		107	88.4-124	1.53	14.6	
Chloroprene	20.8	1.0	"	20.00		104	87.2-129	0.385	14	
2,2-Dichloropropane	19.8	5.0	"	20.00		99.1	62.9-125	2.64	13.7	
cis-1,2-Dichloroethene	21.6	1.0	"	20.00		108	83.5-130	1.12	13	
2-Butanone	94.2	5.0	"	100.0		94.2	74.4-148	7.07	11.9	
Chloroform	23.6	1.0	"	20.00		118	83.9-123	0.381	14.9	
Bromochloromethane	18.0	1.0	"	20.00		90.0	66.9-147	2.25	14.6	
1,1,1-Trichloroethane	21.9	1.0	"	20.00		110	82.2-130	1.72	15.5	
1,1-Dichloropropene	21.6	1.0	"	20.00		108	87.5-120	2.30	13.3	
Carbon Tetrachloride	15.2	1.0	"	20.00		76.2	29.7-165	2.66	21.2	V6
Benzene	20.7	1.0	"	20.00		104	83.5-121	0.625	14.8	
1,2-Dichloroethane	24.3	1.0	"	20.00		121	78.4-135	0.984	11.8	V1
Trichloroethene	21.2	1.0	"	20.00		106	72.2-143	4.30	18.3	
1,2-Dichloropropane	21.9	1.0	"	20.00		109	82.9-126	1.32	15	
Bromodichloromethane	22.5	1.0	"	20.00		113	80.6-123	1.21	12.8	
Methyl Methacrylate	22.0	1.0	"	20.00		110	75.3-154	2.16	17.4	
Dibromomethane	19.8	2.0	"	20.00		98.8	78.1-134	0.966	15.9	
2-Chloroethyl Vinyl Ether	7.52	1.0	"	10.00		75.2	63.8-141	0.667	17.6	V6
Methyl Isobutyl Ketone	108	5.0	"	100.0		108	79-145	4.91	13.7	
cis-1,3-Dichloropropene	22.3	1.0	"	20.00		112	75.5-125	1.67	14.2	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
LCS Dup (1114002-BSD1)				Prepared & Analyzed: 03/28/2011						
Toluene	22.4	1.0	ug/L	20.00		112	83.2-123	0.313	15.2	
trans-1,3-Dichloropropene	22.2	1.0	"	20.00		111	68.6-131	0.135	12.7	
1,1,2-Trichloroethane	22.7	1.0	"	20.00		113	76.1-131	0.842	16.6	
2-Hexanone	107	5.0	"	100.0		107	76.4-144	6.08	14.5	
1,2-Dibromoethane	20.5	1.0	"	20.00		102	87-124	3.27	10.9	
Tetrachloroethene	18.2	1.0	"	20.00		90.9	57.7-158	14.8	20.7	
1,3-Dichloropropane	20.5	1.0	"	20.00		102	88.9-128	4.62	12.4	
Dibromochloromethane	19.3	1.0	"	20.00		96.6	71.3-128	1.90	16.5	
Chlorobenzene	20.5	1.0	"	20.00		103	84.4-122	2.02	15.8	
1,1,1,2-Tetrachloroethane	19.9	1.0	"	20.00		99.6	83.4-120	2.09	10.6	
Ethylbenzene	20.8	1.0	"	20.00		104	84.1-125	2.94	16.3	
m,p-Xylenes	42.3	2.0	"	40.00		106	85.1-125	1.80	14.1	
o-Xylene	21.5	1.0	"	20.00		108	82.8-122	2.21	14.3	
Styrene	20.4	1.0	"	20.00		102	80.5-119	2.28	19.8	
Bromoform	16.6	1.0	"	20.00		83.1	54.9-141	5.73	17.3	
Isopropylbenzene (Cumene)	21.4	1.0	"	20.00		107	91-122	0.703	12.4	
1,1,2,2-Tetrachloroethane	21.4	1.0	"	20.00		107	79-136	8.32	17	
1,2,3-Trichloropropane	22.4	1.0	"	20.00		112	92.7-130	2.26	15.2	
Bromobenzene	23.3	1.0	"	20.00		117	86.1-133	0.258	11.3	
Propylbenzene	23.3	1.0	"	20.00		117	85.5-130	0.645	11.9	
2-Chlorotoluene	23.4	1.0	"	20.00		117	90.6-128	1.40	12.4	
1,3,5-Trimethylbenzene	21.1	1.0	"	20.00		106	92.7-116	1.62	6.82	
4-Chlorotoluene	24.0	1.0	"	20.00		120	84-128	0.0418	13.9	
tert-Butylbenzene	21.8	1.0	"	20.00		109	87.4-124	1.30	15.7	
1,2,4-Trimethylbenzene	21.2	1.0	"	20.00		106	94.6-109	0.520	12.7	
sec-Butylbenzene	21.7	1.0	"	20.00		108	78.2-125	0.834	17.5	
4-Isopropyltoluene	22.0	1.0	"	20.00		110	86.6-115	1.70	15.9	
1,3-Dichlorobenzene	21.2	1.0	"	20.00		106	79.5-120	0.568	13.5	
1,4-Dichlorobenzene	21.5	1.0	"	20.00		108	80.2-119	0.233	14.7	
trans-1,4-Dichloro-2-butene	22.0	5.0	"	20.00		110	17.7-187	2.33	13.6	
Butylbenzene	23.2	1.0	"	20.00		116	86.1-123	0.824	16.6	
1,2-Dichlorobenzene	21.2	1.0	"	20.00		106	77.7-121	2.30	13.1	
1,2-Dibromo-3-chloropropane	19.6	5.0	"	20.00		98.0	63.5-157	17.1	26.1	
1,2,4-Trichlorobenzene	25.1	5.0	"	20.00		126	58.4-142	8.04	18.5	
Hexachlorobutadiene	18.8	5.0	"	20.00		94.2	46.7-140	9.68	22.9	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
LCS Dup (1114002-BSD1)				Prepared & Analyzed: 03/28/2011						
Naphthalene	34.1	1.0	ug/L	20.00		170	20-187	12.3	52.2	V6
1,2,3-Trichlorobenzene	30.7	5.0	"	20.00		154	40.3-152	9.87	38.9	L2
Surrogate: Dibromofluoromethane	*26.8*		*"*	*25.00*		*107*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*28.6*		*"*	*25.00*		*114*	*77.8-136*			
Surrogate: Toluene-d8	*24.8*		*"*	*25.00*		*99.3*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*29.3*		*"*	*25.00*		*117*	*80.8-127*			
Matrix Spike (1114002-MS1)	**Source: 11C1255-37**			Prepared & Analyzed: 03/28/2011						
Dichlorodifluoromethane	18.6	1.0	ug/L	20.00	ND	93.1	57.9-110		8.31	
Chloromethane	21.3	1.0	"	20.00	ND	106	28.7-183		10.6	V6
Vinyl chloride	17.8	1.0	"	20.00	ND	89.0	68.1-136		7.43	
Bromomethane	16.8	5.0	"	20.00	ND	84.0	10.2-178		11.6	R2
Chloroethane	17.8	1.0	"	20.00	ND	88.8	65.9-136		8.48	
Trichlorofluoromethane	13.2	1.0	"	20.00	ND	66.2	58.6-130		9.61	L3
1,1-Dichloroethene	17.4	1.0	"	20.00	ND	87.0	58-178		8.44	
Acetone	88.0	25	"	100.0	ND	88.0	80.5-173		6.01	
Iodomethane	19.0	1.0	"	20.00	0.00	94.8	45.3-165		19.4	
Carbon disulfide	18.0	1.0	"	20.00	ND	90.0	59.5-154		12.3	
Allyl Chloride (3-Chloropropylene)	17.3	1.0	"	20.00	ND	86.6	63.7-149		13.5	
Acetonitrile	19.3	5.0	"	20.00	ND	96.6	84.7-159		7.62	
Methylene Chloride	22.4	5.0	"	20.00	ND	112	59.4-168		11.2	
Methyl-tert-Butyl Ether	22.9	1.0	"	20.00	ND	115	70.4-155		23.6	
trans-1,2-Dichloroethene	20.0	1.0	"	20.00	ND	100	72.3-161		8.19	
1,1-Dichloroethane	21.8	1.0	"	20.00	ND	109	73.6-157		7.21	
Chloroprene	20.7	1.0	"	20.00	ND	103	82.6-148		8.66	
2,2-Dichloropropane	19.7	5.0	"	20.00	ND	98.4	-5.41-170		13.2	
cis-1,2-Dichloroethene	21.7	1.0	"	20.00	ND	109	74.3-157		9.33	
2-Butanone	96.6	5.0	"	100.0	ND	96.6	67.8-193		6.75	
Chloroform	24.0	1.0	"	20.00	ND	120	68.8-152		6.51	
Bromochloromethane	18.5	1.0	"	20.00	ND	92.6	58.4-170		8.05	
1,1,1-Trichloroethane	21.8	1.0	"	20.00	ND	109	72.7-159		7.88	
1,1-Dichloropropene	21.4	1.0	"	20.00	ND	107	89.6-126		8.37	
Carbon Tetrachloride	13.5	1.0	"	20.00	ND	67.4	31-172		12.3	V6
Benzene	21.0	1.0	"	20.00	ND	105	67.9-156		6.37	
1,2-Dichloroethane	24.7	1.0	"	20.00	ND	124	70-163		16.2	V1
Trichloroethene	22.0	1.0	"	20.00	ND	110	59.5-183		9.7	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
Matrix Spike (1114002-MS1)	**Source: 11C1255-37**			Prepared & Analyzed: 03/28/2011						
1,2-Dichloropropane	22.5	1.0	ug/L	20.00	ND	113	66.5-158		9.22	
Bromodichloromethane	22.5	1.0	"	20.00	ND	113	72.2-149		12.1	
Methyl Methacrylate	22.7	1.0	"	20.00	ND	114	77.5-162		6.85	
Dibromomethane	20.0	2.0	"	20.00	ND	100	66.8-158		7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	V6, U
Methyl Isobutyl Ketone	113	5.0	"	100.0	ND	113	79.3-166		5.26	
cis-1,3-Dichloropropene	22.9	1.0	"	20.00	ND	115	44.7-160		8.49	
Toluene	22.8	1.0	"	20.00	ND	114	61.8-160		6.78	
trans-1,3-Dichloropropene	23.3	1.0	"	20.00	ND	116	39.4-166		18.7	
1,1,2-Trichloroethane	22.5	1.0	"	20.00	ND	112	72.6-153		20.8	
2-Hexanone	111	5.0	"	100.0	ND	111	80.1-168		6.91	
1,2-Dibromoethane	21.7	1.0	"	20.00	ND	109	76.7-150		6.77	
Tetrachloroethene	18.0	1.0	"	20.00	ND	89.9	61.7-160		7.81	
1,3-Dichloropropane	21.8	1.0	"	20.00	ND	109	87.3-145		7.65	
Dibromochloromethane	20.0	1.0	"	20.00	ND	100	66.3-147		16.1	
Chlorobenzene	20.8	1.0	"	20.00	ND	104	74.2-149		8.07	
1,1,1,2-Tetrachloroethane	20.4	1.0	"	20.00	ND	102	82-131		9.97	
Ethylbenzene	21.0	1.0	"	20.00	ND	105	75.8-151		7.84	
m,p-Xylenes	42.8	2.0	"	40.00	ND	107	63.1-168		7.04	
o-Xylene	21.5	1.0	"	20.00	ND	108	70.9-152		5.28	
Styrene	20.4	1.0	"	20.00	ND	102	76.4-129		5.47	
Bromoform	17.1	1.0	"	20.00	ND	85.7	33.8-185		19.7	
Isopropylbenzene (Cumene)	21.2	1.0	"	20.00	ND	106	65.3-163		8.15	
1,1,2,2-Tetrachloroethane	22.6	1.0	"	20.00	ND	113	90.6-150		10.4	
1,2,3-Trichloropropane	21.8	1.0	"	20.00	ND	109	99.9-148		3.74	
Bromobenzene	23.2	1.0	"	20.00	ND	116	99-142		9.89	
Propylbenzene	22.9	1.0	"	20.00	ND	115	65.7-188		8.46	
2-Chlorotoluene	23.4	1.0	"	20.00	ND	117	74.8-151		9.89	
1,3,5-Trimethylbenzene	20.8	1.0	"	20.00	ND	104	72.1-139		8.34	
4-Chlorotoluene	23.5	1.0	"	20.00	ND	118	74.5-148		10.5	
tert-Butylbenzene	21.7	1.0	"	20.00	ND	108	93.5-125		11.6	
1,2,4-Trimethylbenzene	21.0	1.0	"	20.00	ND	105	75.5-135		12.1	L2
sec-Butylbenzene	21.3	1.0	"	20.00	ND	107	93.2-130		9.52	
4-Isopropyltoluene	21.7	1.0	"	20.00	ND	108	-5.12-183		11.3	
1,3-Dichlorobenzene	21.8	1.0	"	20.00	ND	109	67.7-147		9.61	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
Matrix Spike (1114002-MS1)	**Source: 11C1255-37**			Prepared & Analyzed: 03/28/2011						
1,4-Dichlorobenzene	21.5	1.0	ug/L	20.00	ND	107	70.3-145		10.4	
trans-1,4-Dichloro-2-butene	21.6	5.0	"	20.00	ND	108	53.7-134		11.7	
Butylbenzene	22.7	1.0	"	20.00	ND	114	44.3-161		11.5	
1,2-Dichlorobenzene	21.2	1.0	"	20.00	ND	106	71.8-143		9.9	
1,2-Dibromo-3-chloropropane	20.9	5.0	"	20.00	ND	104	98.3-143		20.7	
1,2,4-Trichlorobenzene	25.6	5.0	"	20.00	ND	128	86.9-156		11.2	
Hexachlorobutadiene	18.5	5.0	"	20.00	ND	92.7	44.5-164		12	
Naphthalene	35.0	1.0	"	20.00	0.330	174	51-212		43.2	V6
1,2,3-Trichlorobenzene	32.3	5.0	"	20.00	ND	162	41.1-197		25.7	L2
Surrogate: Dibromofluoromethane	*27.0*		*"*	*25.00*		*108*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*29.2*		*"*	*25.00*		*117*	*77.8-136*			
Surrogate: Toluene-d8	*24.6*		*"*	*25.00*		*98.5*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*28.9*		*"*	*25.00*		*116*	*80.8-127*			
Matrix Spike Dup (1114002-MSD1)	**Source: 11C1255-37**			Prepared & Analyzed: 03/28/2011						
Dichlorodifluoromethane	18.3	1.0	ug/L	20.00	ND	91.5	57.9-110	1.73	8.31	
Chloromethane	21.1	1.0	"	20.00	ND	106	28.7-183	0.708	10.6	V6
Vinyl chloride	17.4	1.0	"	20.00	ND	87.2	68.1-136	2.10	7.43	
Bromomethane	17.0	5.0	"	20.00	ND	84.8	10.2-178	0.888	11.6	
Chloroethane	17.8	1.0	"	20.00	ND	89.2	65.9-136	0.450	8.48	
Trichlorofluoromethane	13.2	1.0	"	20.00	ND	66.2	58.6-130	0.00	9.61	L3
1,1-Dichloroethene	17.5	1.0	"	20.00	ND	87.5	58-178	0.573	8.44	
Acetone	85.2	25	"	100.0	ND	85.2	80.5-173	3.22	6.01	
Iodomethane	20.2	1.0	"	20.00	0.00	101	45.3-165	6.29	19.4	
Carbon disulfide	18.0	1.0	"	20.00	ND	90.2	59.5-154	0.222	12.3	
Allyl Chloride (3-Chloropropylene)	17.3	1.0	"	20.00	ND	86.4	63.7-149	0.289	13.5	
Acetonitrile	19.9	5.0	"	20.00	ND	99.6	84.7-159	3.06	7.62	
Methylene Chloride	22.3	5.0	"	20.00	ND	112	59.4-168	0.492	11.2	
Methyl-tert-Butyl Ether	23.0	1.0	"	20.00	ND	115	70.4-155	0.348	23.6	
trans-1,2-Dichloroethene	20.2	1.0	"	20.00	ND	101	72.3-161	0.547	8.19	
1,1-Dichloroethane	21.8	1.0	"	20.00	ND	109	73.6-157	0.367	7.21	
Chloroprene	20.7	1.0	"	20.00	ND	104	82.6-148	0.242	8.66	
2,2-Dichloropropane	19.6	5.0	"	20.00	ND	98.2	-5.41-170	0.305	13.2	
cis-1,2-Dichloroethene	21.9	1.0	"	20.00	ND	110	74.3-157	0.779	9.33	
2-Butanone	94.4	5.0	"	100.0	ND	94.4	67.8-193	2.35	6.75	
Chloroform	24.1	1.0	"	20.00	ND	121	68.8-152	0.332	6.51	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
Matrix Spike Dup (1114002-MSD1)	**Source: 11C1255-37**			Prepared & Analyzed: 03/28/2011						
Bromochloromethane	18.6	1.0	ug/L	20.00	ND	92.8	58.4-170	0.216	8.05	
1,1,1-Trichloroethane	22.3	1.0	"	20.00	ND	111	72.7-159	2.13	7.88	
1,1-Dichloropropene	21.4	1.0	"	20.00	ND	107	89.6-126	0.233	8.37	
Carbon Tetrachloride	13.4	1.0	"	20.00	ND	66.8	31-172	0.968	12.3	V6
Benzene	20.7	1.0	"	20.00	ND	104	67.9-156	1.25	6.37	
1,2-Dichloroethane	24.3	1.0	"	20.00	ND	122	70-163	1.71	16.2	V1
Trichloroethene	22.0	1.0	"	20.00	ND	110	59.5-183	0.00	9.7	
1,2-Dichloropropane	22.1	1.0	"	20.00	ND	111	66.5-158	1.84	9.22	
Bromodichloromethane	22.6	1.0	"	20.00	ND	113	72.2-149	0.576	12.1	
Methyl Methacrylate	22.0	1.0	"	20.00	ND	110	77.5-162	3.04	6.85	
Dibromomethane	19.9	2.0	"	20.00	ND	99.3	66.8-158	0.852	7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	V6, U
Methyl Isobutyl Ketone	109	5.0	"	100.0	ND	109	79.3-166	3.12	5.26	
cis-1,3-Dichloropropene	22.7	1.0	"	20.00	ND	114	44.7-160	0.921	8.49	
Toluene	22.6	1.0	"	20.00	ND	113	61.8-160	0.969	6.78	
trans-1,3-Dichloropropene	23.0	1.0	"	20.00	ND	115	39.4-166	1.38	18.7	
1,1,2-Trichloroethane	22.7	1.0	"	20.00	ND	113	72.6-153	0.842	20.8	
2-Hexanone	107	5.0	"	100.0	ND	107	80.1-168	3.55	6.91	
1,2-Dibromoethane	21.9	1.0	"	20.00	ND	109	76.7-150	0.643	6.77	
Tetrachloroethene	17.8	1.0	"	20.00	ND	89.1	61.7-160	0.894	7.81	
1,3-Dichloropropane	21.4	1.0	"	20.00	ND	107	87.3-145	1.48	7.65	
Dibromochloromethane	20.4	1.0	"	20.00	ND	102	66.3-147	2.22	16.1	
Chlorobenzene	20.9	1.0	"	20.00	ND	104	74.2-149	0.192	8.07	
1,1,1,2-Tetrachloroethane	20.4	1.0	"	20.00	ND	102	82-131	0.196	9.97	
Ethylbenzene	21.1	1.0	"	20.00	ND	106	75.8-151	0.285	7.84	
m,p-Xylenes	43.0	2.0	"	40.00	ND	107	63.1-168	0.467	7.04	
o-Xylene	22.0	1.0	"	20.00	ND	110	70.9-152	1.98	5.28	
Styrene	20.6	1.0	"	20.00	ND	103	76.4-129	0.781	5.47	
Bromoform	17.6	1.0	"	20.00	ND	87.8	33.8-185	2.48	19.7	
Isopropylbenzene (Cumene)	21.3	1.0	"	20.00	ND	106	65.3-163	0.471	8.15	
1,1,2,2-Tetrachloroethane	22.2	1.0	"	20.00	ND	111	90.6-150	1.83	10.4	
1,2,3-Trichloropropane	22.0	1.0	"	20.00	ND	110	99.9-148	0.867	3.74	
Bromobenzene	24.0	1.0	"	20.00	ND	120	99-142	3.65	9.89	
Propylbenzene	23.5	1.0	"	20.00	ND	118	65.7-188	2.58	8.46	
2-Chlorotoluene	23.8	1.0	"	20.00	ND	119	74.8-151	1.69	9.89	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114002 - EPA 5030B										
Matrix Spike Dup (1114002-MSD1)	**Source: 11C1255-37**			Prepared & Analyzed: 03/28/2011						
1,3,5-Trimethylbenzene	21.2	1.0	ug/L	20.00	ND	106	72.1-139	1.95	8.34	
4-Chlorotoluene	23.9	1.0	"	20.00	ND	120	74.5-148	1.77	10.5	
tert-Butylbenzene	22.2	1.0	"	20.00	ND	111	93.5-125	2.51	11.6	
1,2,4-Trimethylbenzene	21.1	1.0	"	20.00	ND	106	75.5-135	0.379	12.1	
sec-Butylbenzene	21.9	1.0	"	20.00	ND	109	93.2-130	2.59	9.52	
4-Isopropyltoluene	22.0	1.0	"	20.00	ND	110	-5.12-183	1.37	11.3	
1,3-Dichlorobenzene	21.5	1.0	"	20.00	ND	108	67.7-147	1.29	9.61	
1,4-Dichlorobenzene	21.9	1.0	"	20.00	ND	110	70.3-145	2.17	10.4	
trans-1,4-Dichloro-2-butene	21.8	5.0	"	20.00	ND	109	53.7-134	1.06	11.7	
Butylbenzene	23.1	1.0	"	20.00	ND	115	44.3-161	1.62	11.5	
1,2-Dichlorobenzene	21.6	1.0	"	20.00	ND	108	71.8-143	2.01	9.9	
1,2-Dibromo-3-chloropropane	21.9	5.0	"	20.00	ND	109	98.3-143	4.63	20.7	
1,2,4-Trichlorobenzene	26.2	5.0	"	20.00	ND	131	86.9-156	2.28	11.2	
Hexachlorobutadiene	18.9	5.0	"	20.00	ND	94.5	44.5-164	1.92	12	
Naphthalene	35.4	1.0	"	20.00	0.330	175	51-212	1.05	43.2	V6
1,2,3-Trichlorobenzene	33.2	5.0	"	20.00	ND	166	41.1-197	2.78	25.7	L2
Surrogate: Dibromofluoromethane	*26.7*		*"*	*25.00*		*107*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*28.9*		*"*	*25.00*		*115*	*77.8-136*			
Surrogate: Toluene-d8	*24.6*		*"*	*25.00*		*98.3*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*28.8*		*"*	*25.00*		*115*	*80.8-127*			
Batch 1114062 - EPA 5030B										
Blank (1114062-BLK1)				Prepared & Analyzed: 03/29/2011						
Dichlorodifluoromethane	ND	1.0	ug/L							U
Chloromethane	ND	1.0	"							R1, V1, U
Vinyl chloride	ND	1.0	"							Z10c, U
Bromomethane	ND	5.0	"							U
Chloroethane	ND	1.0	"							U
Trichlorofluoromethane	ND	1.0	"							V6, U
Acrolein	ND	10	"							U
1,1-Dichloroethene	ND	1.0	"							U
Acetone	8.89	25	"							J
Iodomethane	ND	1.0	"							V6, U
Carbon disulfide	ND	1.0	"							U
Allyl Chloride (3-Chloropropylene)	ND	1.0	"							U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114062 - EPA 5030B										
Blank (1114062-BLK1)				Prepared & Analyzed: 03/29/2011						
Acetonitrile	ND	5.0	ug/L							U
Methylene Chloride	1.04	5.0	"							J
Methyl-tert-Butyl Ether	ND	1.0	"							U
trans-1,2-Dichloroethene	ND	1.0	"							U
Acrylonitrile	ND	5.0	"							U
1,1-Dichloroethane	ND	1.0	"							U
Chloroprene	ND	1.0	"							U
2,2-Dichloropropane	ND	5.0	"							U
cis-1,2-Dichloroethene	ND	1.0	"							U
2-Butanone	ND	5.0	"							U
Propionitrile (Ethyl Cyanide)	ND	5.0	"							U
Methacrylonitrile	ND	5.0	"							U
Chloroform	ND	1.0	"							U
Bromochloromethane	ND	1.0	"							U
1,1,1-Trichloroethane	ND	1.0	"							U
1,1-Dichloropropene	ND	1.0	"							U
Carbon Tetrachloride	ND	1.0	"							V6, U
Benzene	ND	1.0	"							U
1,2-Dichloroethane	ND	1.0	"							L1, U
Trichloroethene	ND	1.0	"							U
1,2-Dichloropropane	ND	1.0	"							U
Bromodichloromethane	ND	1.0	"							U
Methyl Methacrylate	ND	1.0	"							U
Dibromomethane	ND	2.0	"							U
2-Chloroethyl Vinyl Ether	ND	1.0	"							L3, V6, U
Methyl Isobutyl Ketone	ND	5.0	"							U
cis-1,3-Dichloropropene	ND	1.0	"							U
Toluene	ND	1.0	"							U
trans-1,3-Dichloropropene	ND	1.0	"							U
Ethyl Methacrylate	ND	1.0	"							U
1,1,2-Trichloroethane	ND	1.0	"							U
2-Hexanone	ND	5.0	"							U
1,2-Dibromoethane	ND	1.0	"							U
Tetrachloroethene	ND	1.0	"							U
1,3-Dichloropropane	ND	1.0	"							U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114062 - EPA 5030B										
Blank (1114062-BLK1)				Prepared & Analyzed: 03/29/2011						
Dibromochloromethane	ND	1.0	ug/L							U
Chlorobenzene	ND	1.0	"							U
1,1,1,2-Tetrachloroethane	ND	1.0	"							U
Ethylbenzene	ND	1.0	"							U
m,p-Xylenes	ND	2.0	"							U
o-Xylene	ND	1.0	"							U
Styrene	ND	1.0	"							U
Bromoform	ND	1.0	"							U
Isopropylbenzene (Cumene)	ND	1.0	"							U
1,1,2,2-Tetrachloroethane	ND	1.0	"							U
1,2,3-Trichloropropane	ND	1.0	"							U
Bromobenzene	ND	1.0	"							U
Propylbenzene	ND	1.0	"							U
2-Chlorotoluene	ND	1.0	"							U
1,3,5-Trimethylbenzene	ND	1.0	"							U
4-Chlorotoluene	ND	1.0	"							U
tert-Butylbenzene	ND	1.0	"							U
1,2,4-Trimethylbenzene	ND	1.0	"							L1, U
sec-Butylbenzene	ND	1.0	"							U
4-Isopropyltoluene	ND	1.0	"							U
1,3-Dichlorobenzene	ND	1.0	"							U
1,4-Dichlorobenzene	ND	1.0	"							U
trans-1,4-Dichloro-2-butene	ND	5.0	"							U
Butylbenzene	ND	1.0	"							L1, U
1,2-Dichlorobenzene	ND	1.0	"							U
1,2-Dibromo-3-chloropropane	ND	5.0	"							U
1,2,4-Trichlorobenzene	0.570	5.0	"							J
Hexachlorobutadiene	ND	5.0	"							V6, U
Naphthalene	1.18	1.0	"							B3, V1
1,2,3-Trichlorobenzene	1.38	5.0	"							L1, J
Total Xylenes	ND	3.0	"							U
Surrogate: Dibromofluoromethane	*26.5*		*"*	*25.00*		*106*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*29.0*		*"*	*25.00*		*116*	*77.8-136*			
Surrogate: Toluene-d8	*25.1*		*"*	*25.00*		*101*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*30.0*		*"*	*25.00*		*120*	*80.8-127*			

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114062 - EPA 5030B										
LCS (1114062-BS1)				Prepared & Analyzed: 03/29/2011						
Dichlorodifluoromethane	18.4	1.0	ug/L	20.00		92.2	61.5-133		16.5	
Chloromethane	23.0	1.0	"	20.00		115	43-163		11.2	R1, V1
Vinyl chloride	17.3	1.0	"	20.00		86.7	68.9-132		12.8	Z10c
Bromomethane	16.6	5.0	"	20.00		83.0	21.9-169		19.8	
Chloroethane	18.5	1.0	"	20.00		92.6	68.1-132		20.3	
Trichlorofluoromethane	15.8	1.0	"	20.00		78.8	63-138		11.8	V6
1,1-Dichloroethene	18.4	1.0	"	20.00		92.0	69.3-154		15.7	
Acetone	94.2	25	"	100.0		94.2	73.6-143		17.4	
Iodomethane	11.4	1.0	"	20.00		56.8	60.3-147		16.4	V6
Carbon disulfide	17.5	1.0	"	20.00		87.4	58.7-145		15	
Allyl Chloride (3-Chloropropylene)	16.1	1.0	"	20.00		80.6	72.2-136		11.7	
Acetonitrile	19.6	5.0	"	20.00		97.9	75.4-150		49.4	
Methylene Chloride	21.9	5.0	"	20.00		109	71.8-143		15.7	
Methyl-tert-Butyl Ether	22.8	1.0	"	20.00		114	70.8-132		13.9	
trans-1,2-Dichloroethene	19.4	1.0	"	20.00		97.0	87.7-128		15.8	
1,1-Dichloroethane	21.3	1.0	"	20.00		107	88.4-124		14.6	
Chloroprene	20.0	1.0	"	20.00		100	87.2-129		14	
2,2-Dichloropropane	20.3	5.0	"	20.00		101	62.9-125		13.7	
cis-1,2-Dichloroethene	21.6	1.0	"	20.00		108	83.5-130		13	
2-Butanone	100	5.0	"	100.0		100	74.4-148		11.9	
Chloroform	22.7	1.0	"	20.00		113	83.9-123		14.9	
Bromochloromethane	18.3	1.0	"	20.00		91.6	66.9-147		14.6	
1,1,1-Trichloroethane	21.0	1.0	"	20.00		105	82.2-130		15.5	
1,1-Dichloropropene	20.8	1.0	"	20.00		104	87.5-120		13.3	
Carbon Tetrachloride	17.2	1.0	"	20.00		85.8	29.7-165		21.2	V6
Benzene	20.7	1.0	"	20.00		104	83.5-121		14.8	
1,2-Dichloroethane	24.7	1.0	"	20.00		124	78.4-135		11.8	L1
Trichloroethene	21.1	1.0	"	20.00		106	72.2-143		18.3	
1,2-Dichloropropane	21.5	1.0	"	20.00		108	82.9-126		15	
Bromodichloromethane	22.8	1.0	"	20.00		114	80.6-123		12.8	
Methyl Methacrylate	21.7	1.0	"	20.00		109	75.3-154		17.4	
Dibromomethane	19.5	2.0	"	20.00		97.6	78.1-134		15.9	
2-Chloroethyl Vinyl Ether	0.800	1.0	"	10.00		8.00	63.8-141		17.6	L3, V6, J
Methyl Isobutyl Ketone	109	5.0	"	100.0		109	79-145		13.7	
cis-1,3-Dichloropropene	22.4	1.0	"	20.00		112	75.5-125		14.2	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114062 - EPA 5030B										
LCS (1114062-BS1)				Prepared & Analyzed: 03/29/2011						
Toluene	21.6	1.0	ug/L	20.00		108	83.2-123		15.2	
trans-1,3-Dichloropropene	23.4	1.0	"	20.00		117	68.6-131		12.7	
1,1,2-Trichloroethane	23.8	1.0	"	20.00		119	76.1-131		16.6	
2-Hexanone	106	5.0	"	100.0		106	76.4-144		14.5	
1,2-Dibromoethane	21.6	1.0	"	20.00		108	87-124		10.9	
Tetrachloroethene	17.9	1.0	"	20.00		89.4	57.7-158		20.7	
1,3-Dichloropropane	22.9	1.0	"	20.00		114	88.9-128		12.4	
Dibromochloromethane	20.4	1.0	"	20.00		102	71.3-128		16.5	
Chlorobenzene	21.0	1.0	"	20.00		105	84.4-122		15.8	
1,1,1,2-Tetrachloroethane	20.3	1.0	"	20.00		101	83.4-120		10.6	
Ethylbenzene	21.6	1.0	"	20.00		108	84.1-125		16.3	
m,p-Xylenes	44.6	2.0	"	40.00		112	85.1-125		14.1	
o-Xylene	22.3	1.0	"	20.00		111	82.8-122		14.3	
Styrene	20.6	1.0	"	20.00		103	80.5-119		19.8	
Bromoform	17.2	1.0	"	20.00		86.0	54.9-141		17.3	
Isopropylbenzene (Cumene)	21.3	1.0	"	20.00		106	91-122		12.4	
1,1,2,2-Tetrachloroethane	23.6	1.0	"	20.00		118	79-136		17	
1,2,3-Trichloropropane	22.2	1.0	"	20.00		111	92.7-130		15.2	
Bromobenzene	24.6	1.0	"	20.00		123	86.1-133		11.3	
Propylbenzene	23.7	1.0	"	20.00		119	85.5-130		11.9	
2-Chlorotoluene	24.0	1.0	"	20.00		120	90.6-128		12.4	
1,3,5-Trimethylbenzene	21.2	1.0	"	20.00		106	92.7-116		6.82	
4-Chlorotoluene	24.4	1.0	"	20.00		122	84-128		13.9	
tert-Butylbenzene	21.8	1.0	"	20.00		109	87.4-124		15.7	
1,2,4-Trimethylbenzene	20.9	1.0	"	20.00		105	94.6-109		12.7	L1
sec-Butylbenzene	22.0	1.0	"	20.00		110	78.2-125		17.5	
4-Isopropyltoluene	21.9	1.0	"	20.00		109	86.6-115		15.9	
1,3-Dichlorobenzene	21.6	1.0	"	20.00		108	79.5-120		13.5	
1,4-Dichlorobenzene	22.4	1.0	"	20.00		112	80.2-119		14.7	
trans-1,4-Dichloro-2-butene	23.6	5.0	"	20.00		118	17.7-187		13.6	
Butylbenzene	23.9	1.0	"	20.00		120	86.1-123		16.6	L1
1,2-Dichlorobenzene	22.1	1.0	"	20.00		111	77.7-121		13.1	
1,2-Dibromo-3-chloropropane	19.5	5.0	"	20.00		97.4	63.5-157		26.1	
1,2,4-Trichlorobenzene	23.0	5.0	"	20.00		115	58.4-142		18.5	
Hexachlorobutadiene	17.2	5.0	"	20.00		86.2	46.7-140		22.9	V6

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114062 - EPA 5030B										
LCS (1114062-BS1)				Prepared & Analyzed: 03/29/2011						
Naphthalene	26.5	1.0	ug/L	20.00		133	20-187		52.2	B3, V1, B
1,2,3-Trichlorobenzene	24.9	5.0	"	20.00		125	40.3-152		38.9	L1
Surrogate: Dibromofluoromethane	*26.7*		*"*	*25.00*		*107*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*29.9*		*"*	*25.00*		*120*	*77.8-136*			
Surrogate: Toluene-d8	*25.3*		*"*	*25.00*		*101*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*28.8*		*"*	*25.00*		*115*	*80.8-127*			
LCS Dup (1114062-BSD1)				Prepared & Analyzed: 03/29/2011						
Dichlorodifluoromethane	20.4	1.0	ug/L	20.00		102	61.5-133	10.1	16.5	
Chloromethane	25.8	1.0	"	20.00		129	43-163	11.3	11.2	R1, V1
Vinyl chloride	19.0	1.0	"	20.00		94.9	68.9-132	9.03	12.8	Z10c
Bromomethane	17.4	5.0	"	20.00		86.8	21.9-169	4.42	19.8	
Chloroethane	19.0	1.0	"	20.00		95.2	68.1-132	2.82	20.3	
Trichlorofluoromethane	16.9	1.0	"	20.00		84.7	63-138	7.22	11.8	V6
1,1-Dichloroethene	19.4	1.0	"	20.00		96.8	69.3-154	5.19	15.7	
Acetone	90.6	25	"	100.0		90.6	73.6-143	3.98	17.4	
Iodomethane	11.8	1.0	"	20.00		59.0	60.3-147	3.97	16.4	V6
Carbon disulfide	18.3	1.0	"	20.00		91.6	58.7-145	4.75	15	
Allyl Chloride (3-Chloropropylene)	17.0	1.0	"	20.00		85.0	72.2-136	5.38	11.7	
Acetonitrile	21.7	5.0	"	20.00		108	75.4-150	10.1	49.4	
Methylene Chloride	22.8	5.0	"	20.00		114	71.8-143	4.30	15.7	
Methyl-tert-Butyl Ether	22.8	1.0	"	20.00		114	70.8-132	0.176	13.9	
trans-1,2-Dichloroethene	20.5	1.0	"	20.00		103	87.7-128	5.61	15.8	
1,1-Dichloroethane	22.5	1.0	"	20.00		112	88.4-124	5.34	14.6	
Chloroprene	20.8	1.0	"	20.00		104	87.2-129	3.63	14	
2,2-Dichloropropane	20.8	5.0	"	20.00		104	62.9-125	2.43	13.7	
cis-1,2-Dichloroethene	22.3	1.0	"	20.00		112	83.5-130	3.33	13	
2-Butanone	99.0	5.0	"	100.0		99.0	74.4-148	1.01	11.9	
Chloroform	23.5	1.0	"	20.00		118	83.9-123	3.72	14.9	
Bromochloromethane	18.8	1.0	"	20.00		94.0	66.9-147	2.48	14.6	
1,1,1-Trichloroethane	21.8	1.0	"	20.00		109	82.2-130	3.55	15.5	
1,1-Dichloropropene	21.8	1.0	"	20.00		109	87.5-120	4.60	13.3	
Carbon Tetrachloride	17.6	1.0	"	20.00		88.0	29.7-165	2.53	21.2	V6
Benzene	21.2	1.0	"	20.00		106	83.5-121	2.38	14.8	
1,2-Dichloroethane	25.3	1.0	"	20.00		126	78.4-135	2.40	11.8	L1
Trichloroethene	22.4	1.0	"	20.00		112	72.2-143	6.02	18.3	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114062 - EPA 5030B										
LCS Dup (1114062-BSD1)				Prepared & Analyzed: 03/29/2011						
1,2-Dichloropropane	22.7	1.0	ug/L	20.00		113	82.9-126	5.25	15	
Bromodichloromethane	23.4	1.0	"	20.00		117	80.6-123	2.51	12.8	
Methyl Methacrylate	21.7	1.0	"	20.00		109	75.3-154	0.00	17.4	
Dibromomethane	20.7	2.0	"	20.00		104	78.1-134	5.96	15.9	
2-Chloroethyl Vinyl Ether	0.430	1.0	"	10.00		4.30	63.8-141	60.2	17.6	L3, V6, J
Methyl Isobutyl Ketone	107	5.0	"	100.0		107	79-145	1.77	13.7	
cis-1,3-Dichloropropene	23.3	1.0	"	20.00		116	75.5-125	3.77	14.2	
Toluene	22.4	1.0	"	20.00		112	83.2-123	3.54	15.2	
trans-1,3-Dichloropropene	23.5	1.0	"	20.00		117	68.6-131	0.213	12.7	
1,1,2-Trichloroethane	23.2	1.0	"	20.00		116	76.1-131	2.56	16.6	
2-Hexanone	106	5.0	"	100.0		106	76.4-144	0.208	14.5	
1,2-Dibromoethane	21.4	1.0	"	20.00		107	87-124	0.931	10.9	
Tetrachloroethene	18.0	1.0	"	20.00		90.2	57.7-158	0.891	20.7	
1,3-Dichloropropane	23.1	1.0	"	20.00		115	88.9-128	0.783	12.4	
Dibromochloromethane	20.7	1.0	"	20.00		103	71.3-128	1.56	16.5	
Chlorobenzene	21.7	1.0	"	20.00		108	84.4-122	2.95	15.8	
1,1,1,2-Tetrachloroethane	20.8	1.0	"	20.00		104	83.4-120	2.49	10.6	
Ethylbenzene	22.2	1.0	"	20.00		111	84.1-125	2.97	16.3	
m,p-Xylenes	45.3	2.0	"	40.00		113	85.1-125	1.56	14.1	
o-Xylene	22.6	1.0	"	20.00		113	82.8-122	1.56	14.3	
Styrene	21.3	1.0	"	20.00		106	80.5-119	3.24	19.8	
Bromoform	17.5	1.0	"	20.00		87.6	54.9-141	1.84	17.3	
Isopropylbenzene (Cumene)	22.0	1.0	"	20.00		110	91-122	3.14	12.4	
1,1,2,2-Tetrachloroethane	24.2	1.0	"	20.00		121	79-136	2.55	17	
1,2,3-Trichloropropane	23.1	1.0	"	20.00		116	92.7-130	4.10	15.2	
Bromobenzene	24.8	1.0	"	20.00		124	86.1-133	0.850	11.3	
Propylbenzene	24.3	1.0	"	20.00		121	85.5-130	2.42	11.9	
2-Chlorotoluene	25.1	1.0	"	20.00		125	90.6-128	4.11	12.4	
1,3,5-Trimethylbenzene	21.8	1.0	"	20.00		109	92.7-116	3.16	6.82	
4-Chlorotoluene	25.0	1.0	"	20.00		125	84-128	2.47	13.9	
tert-Butylbenzene	22.5	1.0	"	20.00		113	87.4-124	3.11	15.7	
1,2,4-Trimethylbenzene	22.2	1.0	"	20.00		111	94.6-109	5.85	12.7	L1
sec-Butylbenzene	22.9	1.0	"	20.00		114	78.2-125	3.93	17.5	
4-Isopropyltoluene	22.5	1.0	"	20.00		113	86.6-115	2.93	15.9	
1,3-Dichlorobenzene	23.1	1.0	"	20.00		115	79.5-120	6.58	13.5	

Microbac Laboratories, Inc., Baltimore Division

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Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114062 - EPA 5030B										
LCS Dup (1114062-BSD1)				Prepared & Analyzed: 03/29/2011						
1,4-Dichlorobenzene	22.8	1.0	ug/L	20.00		114	80.2-119	1.68	14.7	
trans-1,4-Dichloro-2-butene	22.4	5.0	"	20.00		112	17.7-187	5.26	13.6	
Butylbenzene	25.4	1.0	"	20.00		127	86.1-123	5.84	16.6	L1
1,2-Dichlorobenzene	22.3	1.0	"	20.00		111	77.7-121	0.541	13.1	
1,2-Dibromo-3-chloropropane	23.3	5.0	"	20.00		116	63.5-157	17.8	26.1	
1,2,4-Trichlorobenzene	26.5	5.0	"	20.00		133	58.4-142	14.3	18.5	
Hexachlorobutadiene	18.9	5.0	"	20.00		94.6	46.7-140	9.24	22.9	V6
Naphthalene	36.6	1.0	"	20.00		183	20-187	31.9	52.2	B3, V1, B
1,2,3-Trichlorobenzene	33.8	5.0	"	20.00		169	40.3-152	30.2	38.9	L1
Surrogate: Dibromofluoromethane	*27.0*		*"*	*25.00*		*108*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*29.8*		*"*	*25.00*		*119*	*77.8-136*			
Surrogate: Toluene-d8	*25.1*		*"*	*25.00*		*100*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*28.2*		*"*	*25.00*		*113*	*80.8-127*			
Batch 1114225 - EPA 5030B										
Blank (1114225-BLK1)				Prepared & Analyzed: 04/04/2011						
Dichlorodifluoromethane	ND	1.0	ug/L							U
Chloromethane	ND	1.0	"							U
Vinyl chloride	ND	1.0	"							U
Bromomethane	ND	5.0	"							R2, U
Chloroethane	ND	1.0	"							U
Trichlorofluoromethane	ND	1.0	"							U
Acrolein	ND	10	"							U
1,1-Dichloroethene	ND	1.0	"							U
Acetone	ND	25	"							U
Iodomethane	ND	1.0	"							U
Carbon disulfide	ND	1.0	"							U
Allyl Chloride (3-Chloropropylene)	ND	1.0	"							U
Acetonitrile	ND	5.0	"							U
Methylene Chloride	0.910	5.0	"							J
Methyl-tert-Butyl Ether	ND	1.0	"							U
trans-1,2-Dichloroethene	ND	1.0	"							U
Acrylonitrile	ND	5.0	"							U
1,1-Dichloroethane	ND	1.0	"							U
Chloroprene	ND	1.0	"							U

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
Blank (1114225-BLK1)				Prepared & Analyzed: 04/04/2011						
2,2-Dichloropropane	ND	5.0	ug/L							U
cis-1,2-Dichloroethene	ND	1.0	"							U
2-Butanone	ND	5.0	"							U
Propionitrile (Ethyl Cyanide)	ND	5.0	"							U
Methacrylonitrile	ND	5.0	"							U
Chloroform	ND	1.0	"							U
Bromochloromethane	ND	1.0	"							U
1,1,1-Trichloroethane	ND	1.0	"							U
1,1-Dichloropropene	ND	1.0	"							U
Carbon Tetrachloride	ND	1.0	"							U
Benzene	ND	1.0	"							U
1,2-Dichloroethane	ND	1.0	"							U
Trichloroethene	ND	1.0	"							U
1,2-Dichloropropane	ND	1.0	"							U
Bromodichloromethane	ND	1.0	"							U
Methyl Methacrylate	ND	1.0	"							U
Dibromomethane	ND	2.0	"							U
2-Chloroethyl Vinyl Ether	ND	1.0	"							V1, U
Methyl Isobutyl Ketone	ND	5.0	"							U
cis-1,3-Dichloropropene	ND	1.0	"							U
Toluene	ND	1.0	"							U
trans-1,3-Dichloropropene	ND	1.0	"							U
Ethyl Methacrylate	ND	1.0	"							U
1,1,2-Trichloroethane	ND	1.0	"							U
2-Hexanone	ND	5.0	"							U
1,2-Dibromoethane	ND	1.0	"							U
Tetrachloroethene	ND	1.0	"							U
1,3-Dichloropropane	ND	1.0	"							U
Dibromochloromethane	ND	1.0	"							U
Chlorobenzene	ND	1.0	"							U
1,1,1,2-Tetrachloroethane	ND	1.0	"							U
Ethylbenzene	ND	1.0	"							U
m,p-Xylenes	ND	2.0	"							U
o-Xylene	ND	1.0	"							U
Styrene	ND	1.0	"							U

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
Blank (1114225-BLK1)				Prepared & Analyzed: 04/04/2011						
Bromoform	ND	1.0	ug/L							U
Isopropylbenzene (Cumene)	ND	1.0	"							U
1,1,2,2-Tetrachloroethane	ND	1.0	"							U
1,2,3-Trichloropropane	ND	1.0	"							U
Bromobenzene	ND	1.0	"							U
Propylbenzene	ND	1.0	"							U
2-Chlorotoluene	ND	1.0	"							U
1,3,5-Trimethylbenzene	ND	1.0	"							U
4-Chlorotoluene	ND	1.0	"							U
tert-Butylbenzene	ND	1.0	"							U
1,2,4-Trimethylbenzene	ND	1.0	"							L2, U
sec-Butylbenzene	ND	1.0	"							U
4-Isopropyltoluene	ND	1.0	"							U
1,3-Dichlorobenzene	ND	1.0	"							U
1,4-Dichlorobenzene	ND	1.0	"							U
trans-1,4-Dichloro-2-butene	ND	5.0	"							U
Butylbenzene	ND	1.0	"							U
1,2-Dichlorobenzene	ND	1.0	"							U
1,2-Dibromo-3-chloropropane	ND	5.0	"							U
1,2,4-Trichlorobenzene	ND	5.0	"							U
Hexachlorobutadiene	ND	5.0	"							U
Naphthalene	ND	1.0	"							U
1,2,3-Trichlorobenzene	ND	5.0	"							U
Total Xylenes	ND	3.0	"							U
Surrogate: Dibromofluoromethane	*25.3*		*"*	*25.00*		*101*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*25.2*		*"*	*25.00*		*101*	*77.8-136*			
Surrogate: Toluene-d8	*24.3*		*"*	*25.00*		*97.3*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*25.0*		*"*	*25.00*		*100*	*80.8-127*			

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
LCS (1114225-BS1)				Prepared & Analyzed: 04/04/2011						
Dichlorodifluoromethane	21.0	1.0	ug/L	20.00		105	61.5-133		16.5	
Chloromethane	21.0	1.0	"	20.00		105	43-163		11.2	
Vinyl chloride	19.0	1.0	"	20.00		95.0	68.9-132		12.8	
Bromomethane	23.9	5.0	"	20.00		119	21.9-169		19.8	R2
Chloroethane	19.4	1.0	"	20.00		97.2	68.1-132		20.3	
Trichlorofluoromethane	18.8	1.0	"	20.00		93.8	63-138		11.8	
1,1-Dichloroethene	21.5	1.0	"	20.00		108	69.3-154		15.7	
Acetone	116	25	"	100.0		116	73.6-143		17.4	
Iodomethane	17.5	1.0	"	20.00		87.5	60.3-147		16.4	
Carbon disulfide	22.5	1.0	"	20.00		112	58.7-145		15	
Allyl Chloride (3-Chloropropylene)	23.1	1.0	"	20.00		115	72.2-136		11.7	
Acetonitrile	18.2	5.0	"	20.00		91.0	75.4-150		49.4	
Methylene Chloride	21.0	5.0	"	20.00		105	71.8-143		15.7	
Methyl-tert-Butyl Ether	23.0	1.0	"	20.00		115	70.8-132		13.9	
trans-1,2-Dichloroethene	21.5	1.0	"	20.00		107	87.7-128		15.8	
1,1-Dichloroethane	21.7	1.0	"	20.00		109	88.4-124		14.6	
Chloroprene	22.6	1.0	"	20.00		113	87.2-129		14	
2,2-Dichloropropane	23.8	5.0	"	20.00		119	62.9-125		13.7	
cis-1,2-Dichloroethene	21.2	1.0	"	20.00		106	83.5-130		13	
2-Butanone	112	5.0	"	100.0		112	74.4-148		11.9	
Chloroform	21.5	1.0	"	20.00		107	83.9-123		14.9	
Bromochloromethane	21.5	1.0	"	20.00		108	66.9-147		14.6	
1,1,1-Trichloroethane	21.8	1.0	"	20.00		109	82.2-130		15.5	
1,1-Dichloropropene	21.8	1.0	"	20.00		109	87.5-120		13.3	
Carbon Tetrachloride	23.0	1.0	"	20.00		115	29.7-165		21.2	
Benzene	21.7	1.0	"	20.00		109	83.5-121		14.8	
1,2-Dichloroethane	21.2	1.0	"	20.00		106	78.4-135		11.8	
Trichloroethene	21.5	1.0	"	20.00		107	72.2-143		18.3	
1,2-Dichloropropane	21.3	1.0	"	20.00		106	82.9-126		15	
Bromodichloromethane	21.4	1.0	"	20.00		107	80.6-123		12.8	
Methyl Methacrylate	22.0	1.0	"	20.00		110	75.3-154		17.4	
Dibromomethane	22.0	2.0	"	20.00		110	78.1-134		15.9	
2-Chloroethyl Vinyl Ether	26.9	1.0	"	10.00		269	63.8-141		17.6	V1
Methyl Isobutyl Ketone	114	5.0	"	100.0		114	79-145		13.7	
cis-1,3-Dichloropropene	22.2	1.0	"	20.00		111	75.5-125		14.2	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
LCS (1114225-BS1)				Prepared & Analyzed: 04/04/2011						
Toluene	21.6	1.0	ug/L	20.00		108	83.2-123		15.2	
trans-1,3-Dichloropropene	22.4	1.0	"	20.00		112	68.6-131		12.7	
1,1,2-Trichloroethane	21.6	1.0	"	20.00		108	76.1-131		16.6	
2-Hexanone	116	5.0	"	100.0		116	76.4-144		14.5	
1,2-Dibromoethane	21.7	1.0	"	20.00		109	87-124		10.9	
Tetrachloroethene	21.9	1.0	"	20.00		110	57.7-158		20.7	
1,3-Dichloropropane	21.2	1.0	"	20.00		106	88.9-128		12.4	
Dibromochloromethane	21.4	1.0	"	20.00		107	71.3-128		16.5	
Chlorobenzene	21.6	1.0	"	20.00		108	84.4-122		15.8	
1,1,1,2-Tetrachloroethane	21.7	1.0	"	20.00		109	83.4-120		10.6	
Ethylbenzene	22.0	1.0	"	20.00		110	84.1-125		16.3	
m,p-Xylenes	43.8	2.0	"	40.00		110	85.1-125		14.1	
o-Xylene	21.7	1.0	"	20.00		109	82.8-122		14.3	
Styrene	22.1	1.0	"	20.00		110	80.5-119		19.8	
Bromoform	22.1	1.0	"	20.00		111	54.9-141		17.3	
Isopropylbenzene (Cumene)	22.2	1.0	"	20.00		111	91-122		12.4	
1,1,2,2-Tetrachloroethane	21.6	1.0	"	20.00		108	79-136		17	
1,2,3-Trichloropropane	22.4	1.0	"	20.00		112	92.7-130		15.2	
Bromobenzene	21.9	1.0	"	20.00		110	86.1-133		11.3	
Propylbenzene	22.2	1.0	"	20.00		111	85.5-130		11.9	
2-Chlorotoluene	21.9	1.0	"	20.00		109	90.6-128		12.4	
1,3,5-Trimethylbenzene	22.1	1.0	"	20.00		111	92.7-116		6.82	
4-Chlorotoluene	22.4	1.0	"	20.00		112	84-128		13.9	
tert-Butylbenzene	22.4	1.0	"	20.00		112	87.4-124		15.7	
1,2,4-Trimethylbenzene	23.0	1.0	"	20.00		115	94.6-109		12.7	L2
sec-Butylbenzene	23.3	1.0	"	20.00		117	78.2-125		17.5	
4-Isopropyltoluene	22.3	1.0	"	20.00		112	86.6-115		15.9	
1,3-Dichlorobenzene	21.9	1.0	"	20.00		110	79.5-120		13.5	
1,4-Dichlorobenzene	21.6	1.0	"	20.00		108	80.2-119		14.7	
trans-1,4-Dichloro-2-butene	23.2	5.0	"	20.00		116	17.7-187		13.6	
Butylbenzene	22.2	1.0	"	20.00		111	86.1-123		16.6	
1,2-Dichlorobenzene	21.8	1.0	"	20.00		109	77.7-121		13.1	
1,2-Dibromo-3-chloropropane	21.6	5.0	"	20.00		108	63.5-157		26.1	
1,2,4-Trichlorobenzene	21.3	5.0	"	20.00		106	58.4-142		18.5	
Hexachlorobutadiene	21.2	5.0	"	20.00		106	46.7-140		22.9	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
LCS (1114225-BS1)				Prepared & Analyzed: 04/04/2011						
Naphthalene	22.6	1.0	ug/L	20.00		113	20-187		52.2	
1,2,3-Trichlorobenzene	21.8	5.0	"	20.00		109	40.3-152		38.9	
Surrogate: Dibromofluoromethane	*25.4*		*"*	*25.00*		*102*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*25.2*		*"*	*25.00*		*101*	*77.8-136*			
Surrogate: Toluene-d8	*24.9*		*"*	*25.00*		*99.8*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*25.5*		*"*	*25.00*		*102*	*80.8-127*			
LCS Dup (1114225-BSD1)				Prepared & Analyzed: 04/05/2011						
Dichlorodifluoromethane	23.7	1.0	ug/L	20.00		118	61.5-133	11.9	16.5	
Chloromethane	20.6	1.0	"	20.00		103	43-163	2.21	11.2	
Vinyl chloride	20.5	1.0	"	20.00		102	68.9-132	7.40	12.8	
Bromomethane	17.9	5.0	"	20.00		89.6	21.9-169	28.6	19.8	R2
Chloroethane	21.6	1.0	"	20.00		108	68.1-132	10.8	20.3	
Trichlorofluoromethane	20.6	1.0	"	20.00		103	63-138	9.45	11.8	
1,1-Dichloroethene	21.0	1.0	"	20.00		105	69.3-154	2.78	15.7	
Acetone	111	25	"	100.0		111	73.6-143	4.48	17.4	
Iodomethane	24.2	1.0	"	20.00		121	60.3-147	32.0	16.4	
Carbon disulfide	22.0	1.0	"	20.00		110	58.7-145	2.07	15	
Allyl Chloride (3-Chloropropylene)	22.7	1.0	"	20.00		114	72.2-136	1.48	11.7	
Acetonitrile	20.9	5.0	"	20.00		104	75.4-150	13.6	49.4	
Methylene Chloride	20.6	5.0	"	20.00		103	71.8-143	2.07	15.7	
Methyl-tert-Butyl Ether	21.8	1.0	"	20.00		109	70.8-132	5.37	13.9	
trans-1,2-Dichloroethene	20.8	1.0	"	20.00		104	87.7-128	3.41	15.8	
1,1-Dichloroethane	21.0	1.0	"	20.00		105	88.4-124	3.27	14.6	
Chloroprene	22.0	1.0	"	20.00		110	87.2-129	2.69	14	
2,2-Dichloropropane	23.3	5.0	"	20.00		116	62.9-125	2.04	13.7	
cis-1,2-Dichloroethene	20.7	1.0	"	20.00		103	83.5-130	2.63	13	
2-Butanone	112	5.0	"	100.0		112	74.4-148	0.170	11.9	
Chloroform	20.8	1.0	"	20.00		104	83.9-123	3.32	14.9	
Bromochloromethane	21.9	1.0	"	20.00		110	66.9-147	1.75	14.6	
1,1,1-Trichloroethane	20.8	1.0	"	20.00		104	82.2-130	4.65	15.5	
1,1-Dichloropropene	21.4	1.0	"	20.00		107	87.5-120	2.08	13.3	
Carbon Tetrachloride	22.5	1.0	"	20.00		112	29.7-165	2.24	21.2	
Benzene	21.0	1.0	"	20.00		105	83.5-121	3.37	14.8	
1,2-Dichloroethane	21.2	1.0	"	20.00		106	78.4-135	0.189	11.8	
Trichloroethene	20.5	1.0	"	20.00		102	72.2-143	4.77	18.3	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
LCS Dup (1114225-BSD1)				Prepared & Analyzed: 04/05/2011						
1,2-Dichloropropane	20.9	1.0	ug/L	20.00		104	82.9-126	1.94	15	
Bromodichloromethane	21.1	1.0	"	20.00		105	80.6-123	1.46	12.8	
Methyl Methacrylate	22.9	1.0	"	20.00		114	75.3-154	3.74	17.4	
Dibromomethane	21.6	2.0	"	20.00		108	78.1-134	1.84	15.9	
2-Chloroethyl Vinyl Ether	15.6	1.0	"	10.00		156	63.8-141	53.2	17.6	V1
Methyl Isobutyl Ketone	116	5.0	"	100.0		116	79-145	1.54	13.7	
cis-1,3-Dichloropropene	21.4	1.0	"	20.00		107	75.5-125	3.44	14.2	
Toluene	21.2	1.0	"	20.00		106	83.2-123	1.87	15.2	
trans-1,3-Dichloropropene	21.3	1.0	"	20.00		107	68.6-131	4.85	12.7	
1,1,2-Trichloroethane	21.6	1.0	"	20.00		108	76.1-131	0.232	16.6	
2-Hexanone	118	5.0	"	100.0		118	76.4-144	1.38	14.5	
1,2-Dibromoethane	22.0	1.0	"	20.00		110	87-124	1.37	10.9	
Tetrachloroethene	20.8	1.0	"	20.00		104	57.7-158	5.34	20.7	
1,3-Dichloropropane	20.9	1.0	"	20.00		105	88.9-128	0.998	12.4	
Dibromochloromethane	21.5	1.0	"	20.00		107	71.3-128	0.140	16.5	
Chlorobenzene	20.7	1.0	"	20.00		104	84.4-122	4.16	15.8	
1,1,1,2-Tetrachloroethane	21.2	1.0	"	20.00		106	83.4-120	2.42	10.6	
Ethylbenzene	21.1	1.0	"	20.00		105	84.1-125	4.09	16.3	
m,p-Xylenes	41.5	2.0	"	40.00		104	85.1-125	5.53	14.1	
o-Xylene	20.8	1.0	"	20.00		104	82.8-122	4.38	14.3	
Styrene	21.1	1.0	"	20.00		105	80.5-119	4.59	19.8	
Bromoform	21.9	1.0	"	20.00		109	54.9-141	1.18	17.3	
Isopropylbenzene (Cumene)	21.1	1.0	"	20.00		105	91-122	5.41	12.4	
1,1,2,2-Tetrachloroethane	21.4	1.0	"	20.00		107	79-136	0.928	17	
1,2,3-Trichloropropane	22.3	1.0	"	20.00		112	92.7-130	0.269	15.2	
Bromobenzene	20.5	1.0	"	20.00		102	86.1-133	6.89	11.3	
Propylbenzene	21.4	1.0	"	20.00		107	85.5-130	3.26	11.9	
2-Chlorotoluene	20.8	1.0	"	20.00		104	90.6-128	5.26	12.4	
1,3,5-Trimethylbenzene	21.3	1.0	"	20.00		106	92.7-116	3.82	6.82	
4-Chlorotoluene	20.8	1.0	"	20.00		104	84-128	7.28	13.9	
tert-Butylbenzene	21.1	1.0	"	20.00		106	87.4-124	6.06	15.7	
1,2,4-Trimethylbenzene	21.6	1.0	"	20.00		108	94.6-109	6.45	12.7	
sec-Butylbenzene	22.0	1.0	"	20.00		110	78.2-125	5.69	17.5	
4-Isopropyltoluene	21.0	1.0	"	20.00		105	86.6-115	6.00	15.9	
1,3-Dichlorobenzene	21.1	1.0	"	20.00		106	79.5-120	3.58	13.5	

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
LCS Dup (1114225-BSD1)				Prepared & Analyzed: 04/05/2011						
1,4-Dichlorobenzene	20.9	1.0	ug/L	20.00		104	80.2-119	3.62	14.7	
trans-1,4-Dichloro-2-butene	21.6	5.0	"	20.00		108	17.7-187	7.28	13.6	
Butylbenzene	20.9	1.0	"	20.00		104	86.1-123	6.22	16.6	
1,2-Dichlorobenzene	20.6	1.0	"	20.00		103	77.7-121	5.47	13.1	
1,2-Dibromo-3-chloropropane	21.6	5.0	"	20.00		108	63.5-157	0.417	26.1	
1,2,4-Trichlorobenzene	20.3	5.0	"	20.00		101	58.4-142	4.86	18.5	
Hexachlorobutadiene	19.6	5.0	"	20.00		98.0	46.7-140	7.98	22.9	
Naphthalene	21.7	1.0	"	20.00		109	20-187	4.15	52.2	
1,2,3-Trichlorobenzene	20.0	5.0	"	20.00		99.9	40.3-152	8.85	38.9	
Surrogate: Dibromofluoromethane	*25.4*		*"*	*25.00*		*102*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*25.6*		*"*	*25.00*		*102*	*77.8-136*			
Surrogate: Toluene-d8	*24.9*		*"*	*25.00*		*99.6*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*25.3*		*"*	*25.00*		*101*	*80.8-127*			
Matrix Spike (1114225-MS1)	**Source: 11C1648-07**			Prepared & Analyzed: 04/05/2011						
Dichlorodifluoromethane	21.8	1.0	ug/L	20.00	ND	109	57.9-110		8.31	
Chloromethane	20.8	1.0	"	20.00	ND	104	28.7-183		10.6	
Vinyl chloride	20.7	1.0	"	20.00	ND	104	68.1-136		7.43	
Bromomethane	24.2	5.0	"	20.00	ND	121	10.2-178		11.6	R2
Chloroethane	21.8	1.0	"	20.00	ND	109	65.9-136		8.48	
Trichlorofluoromethane	21.8	1.0	"	20.00	ND	109	58.6-130		9.61	
1,1-Dichloroethene	24.0	1.0	"	20.00	ND	120	58-178		8.44	
Acetone	130	25	"	100.0	ND	130	80.5-173		6.01	
Iodomethane	24.8	1.0	"	20.00	0.00	124	45.3-165		19.4	
Carbon disulfide	24.5	1.0	"	20.00	ND	122	59.5-154		12.3	
Allyl Chloride (3-Chloropropylene)	25.3	1.0	"	20.00	ND	127	63.7-149		13.5	
Acetonitrile	25.6	5.0	"	20.00	ND	128	84.7-159		7.62	
Methylene Chloride	22.3	5.0	"	20.00	ND	112	59.4-168		11.2	
Methyl-tert-Butyl Ether	24.0	1.0	"	20.00	ND	120	70.4-155		23.6	
trans-1,2-Dichloroethene	23.5	1.0	"	20.00	ND	117	72.3-161		8.19	
1,1-Dichloroethane	24.3	1.0	"	20.00	ND	121	73.6-157		7.21	
Chloroprene	17.0	1.0	"	20.00	ND	84.8	82.6-148		8.66	
2,2-Dichloropropane	13.8	5.0	"	20.00	ND	69.1	-5.41-170		13.2	
cis-1,2-Dichloroethene	22.6	1.0	"	20.00	ND	113	74.3-157		9.33	
2-Butanone	128	5.0	"	100.0	ND	128	67.8-193		6.75	
Chloroform	24.2	1.0	"	20.00	0.630	118	68.8-152		6.51	

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
Matrix Spike (1114225-MS1)	**Source: 11C1648-07**			Prepared & Analyzed: 04/05/2011						
Bromochloromethane	24.0	1.0	ug/L	20.00	ND	120	58.4-170		8.05	
1,1,1-Trichloroethane	23.6	1.0	"	20.00	ND	118	72.7-159		7.88	
1,1-Dichloropropene	23.4	1.0	"	20.00	ND	117	89.6-126		8.37	
Carbon Tetrachloride	25.5	1.0	"	20.00	ND	127	31-172		12.3	
Benzene	24.0	1.0	"	20.00	ND	120	67.9-156		6.37	
1,2-Dichloroethane	23.4	1.0	"	20.00	ND	117	70-163		16.2	
Trichloroethene	23.3	1.0	"	20.00	ND	116	59.5-183		9.7	
1,2-Dichloropropane	23.7	1.0	"	20.00	ND	119	66.5-158		9.22	
Bromodichloromethane	24.1	1.0	"	20.00	ND	120	72.2-149		12.1	
Methyl Methacrylate	23.8	1.0	"	20.00	ND	119	77.5-162		6.85	
Dibromomethane	24.2	2.0	"	20.00	ND	121	66.8-158		7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	U
Methyl Isobutyl Ketone	142	5.0	"	100.0	ND	142	79.3-166		5.26	
cis-1,3-Dichloropropene	21.5	1.0	"	20.00	ND	108	44.7-160		8.49	
Toluene	23.9	1.0	"	20.00	ND	119	61.8-160		6.78	
trans-1,3-Dichloropropene	22.3	1.0	"	20.00	ND	111	39.4-166		18.7	
1,1,2-Trichloroethane	24.2	1.0	"	20.00	ND	121	72.6-153		20.8	
2-Hexanone	148	5.0	"	100.0	ND	148	80.1-168		6.91	
1,2-Dibromoethane	24.2	1.0	"	20.00	ND	121	76.7-150		6.77	
Tetrachloroethene	23.6	1.0	"	20.00	ND	118	61.7-160		7.81	
1,3-Dichloropropane	23.3	1.0	"	20.00	ND	116	87.3-145		7.65	
Dibromochloromethane	24.3	1.0	"	20.00	ND	121	66.3-147		16.1	
Chlorobenzene	24.0	1.0	"	20.00	ND	120	74.2-149		8.07	
1,1,1,2-Tetrachloroethane	24.0	1.0	"	20.00	ND	120	82-131		9.97	
Ethylbenzene	23.8	1.0	"	20.00	ND	119	75.8-151		7.84	
m,p-Xylenes	47.9	2.0	"	40.00	ND	120	63.1-168		7.04	
o-Xylene	23.8	1.0	"	20.00	ND	119	70.9-152		5.28	
Styrene	18.1	1.0	"	20.00	ND	90.5	76.4-129		5.47	
Bromoform	24.9	1.0	"	20.00	ND	124	33.8-185		19.7	
Isopropylbenzene (Cumene)	23.6	1.0	"	20.00	ND	118	65.3-163		8.15	
1,1,2,2-Tetrachloroethane	24.3	1.0	"	20.00	ND	122	90.6-150		10.4	
1,2,3-Trichloropropane	24.0	1.0	"	20.00	ND	120	99.9-148		3.74	
Bromobenzene	23.1	1.0	"	20.00	ND	116	99-142		9.89	
Propylbenzene	23.1	1.0	"	20.00	ND	115	65.7-188		8.46	
2-Chlorotoluene	22.9	1.0	"	20.00	ND	114	74.8-151		9.89	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
Matrix Spike (1114225-MS1)	**Source: 11C1648-07**			Prepared & Analyzed: 04/05/2011						
1,3,5-Trimethylbenzene	23.3	1.0	ug/L	20.00	ND	117	72.1-139		8.34	
4-Chlorotoluene	22.7	1.0	"	20.00	ND	114	74.5-148		10.5	
tert-Butylbenzene	23.2	1.0	"	20.00	ND	116	93.5-125		11.6	
1,2,4-Trimethylbenzene	23.9	1.0	"	20.00	ND	120	75.5-135		12.1	
sec-Butylbenzene	22.0	1.0	"	20.00	ND	110	93.2-130		9.52	
4-Isopropyltoluene	22.8	1.0	"	20.00	ND	114	-5.12-183		11.3	
1,3-Dichlorobenzene	23.2	1.0	"	20.00	ND	116	67.7-147		9.61	
1,4-Dichlorobenzene	23.0	1.0	"	20.00	ND	115	70.3-145		10.4	
trans-1,4-Dichloro-2-butene	21.5	5.0	"	20.00	ND	108	53.7-134		11.7	
Butylbenzene	22.0	1.0	"	20.00	ND	110	44.3-161		11.5	
1,2-Dichlorobenzene	23.2	1.0	"	20.00	ND	116	71.8-143		9.9	
1,2-Dibromo-3-chloropropane	25.0	5.0	"	20.00	ND	125	98.3-143		20.7	
1,2,4-Trichlorobenzene	22.6	5.0	"	20.00	ND	113	86.9-156		11.2	
Hexachlorobutadiene	22.0	5.0	"	20.00	ND	110	44.5-164		12	
Naphthalene	25.8	1.0	"	20.00	ND	129	51-212		43.2	
1,2,3-Trichlorobenzene	23.2	5.0	"	20.00	ND	116	41.1-197		25.7	
Surrogate: Dibromofluoromethane	*25.3*		*"*	*25.00*		*101*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*24.9*		*"*	*25.00*		*99.7*	*77.8-136*			
Surrogate: Toluene-d8	*24.9*		*"*	*25.00*		*99.5*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.5*		*"*	*25.00*		*98.0*	*80.8-127*			
Matrix Spike Dup (1114225-MSD1)	**Source: 11C1648-07**			Prepared & Analyzed: 04/05/2011						
Dichlorodifluoromethane	21.2	1.0	ug/L	20.00	ND	106	57.9-110	2.42	8.31	
Chloromethane	21.2	1.0	"	20.00	ND	106	28.7-183	2.05	10.6	
Vinyl chloride	20.7	1.0	"	20.00	ND	104	68.1-136	0.00	7.43	
Bromomethane	25.4	5.0	"	20.00	ND	127	10.2-178	4.64	11.6	R2
Chloroethane	22.9	1.0	"	20.00	ND	114	65.9-136	4.88	8.48	
Trichlorofluoromethane	21.7	1.0	"	20.00	ND	109	58.6-130	0.367	9.61	
1,1-Dichloroethene	24.1	1.0	"	20.00	ND	120	58-178	0.416	8.44	
Acetone	133	25	"	100.0	ND	133	80.5-173	2.16	6.01	
Iodomethane	21.3	1.0	"	20.00	0.00	106	45.3-165	15.2	19.4	
Carbon disulfide	24.5	1.0	"	20.00	ND	122	59.5-154	0.00	12.3	
Allyl Chloride (3-Chloropropylene)	24.6	1.0	"	20.00	ND	123	63.7-149	3.09	13.5	
Acetonitrile	24.5	5.0	"	20.00	ND	122	84.7-159	4.28	7.62	
Methylene Chloride	22.7	5.0	"	20.00	ND	113	59.4-168	1.47	11.2	
Methyl-tert-Butyl Ether	24.6	1.0	"	20.00	ND	123	70.4-155	2.84	23.6	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
Matrix Spike Dup (1114225-MSD1)	**Source: 11C1648-07**			Prepared & Analyzed: 04/05/2011						
trans-1,2-Dichloroethene	23.8	1.0	ug/L	20.00	ND	119	72.3-161	1.52	8.19	
1,1-Dichloroethane	24.4	1.0	"	20.00	ND	122	73.6-157	0.370	7.21	
Chloroprene	16.9	1.0	"	20.00	ND	84.6	82.6-148	0.295	8.66	
2,2-Dichloropropane	13.6	5.0	"	20.00	ND	67.8	-5.41-170	1.83	13.2	
cis-1,2-Dichloroethene	23.2	1.0	"	20.00	ND	116	74.3-157	2.67	9.33	
2-Butanone	132	5.0	"	100.0	ND	132	67.8-193	2.80	6.75	
Chloroform	24.7	1.0	"	20.00	0.630	121	68.8-152	2.08	6.51	
Bromochloromethane	24.4	1.0	"	20.00	ND	122	58.4-170	1.49	8.05	
1,1,1-Trichloroethane	23.5	1.0	"	20.00	ND	117	72.7-159	0.764	7.88	
1,1-Dichloropropene	23.6	1.0	"	20.00	ND	118	89.6-126	0.850	8.37	
Carbon Tetrachloride	25.7	1.0	"	20.00	ND	129	31-172	1.05	12.3	
Benzene	24.1	1.0	"	20.00	ND	120	67.9-156	0.374	6.37	
1,2-Dichloroethane	24.1	1.0	"	20.00	ND	120	70-163	2.78	16.2	
Trichloroethene	23.2	1.0	"	20.00	ND	116	59.5-183	0.473	9.7	
1,2-Dichloropropane	23.9	1.0	"	20.00	ND	120	66.5-158	0.797	9.22	
Bromodichloromethane	24.6	1.0	"	20.00	ND	123	72.2-149	1.89	12.1	
Methyl Methacrylate	24.5	1.0	"	20.00	ND	122	77.5-162	2.82	6.85	
Dibromomethane	24.5	2.0	"	20.00	ND	122	66.8-158	1.31	7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	U
Methyl Isobutyl Ketone	145	5.0	"	100.0	ND	145	79.3-166	2.30	5.26	
cis-1,3-Dichloropropene	21.6	1.0	"	20.00	ND	108	44.7-160	0.603	8.49	
Toluene	24.1	1.0	"	20.00	ND	120	61.8-160	0.876	6.78	
trans-1,3-Dichloropropene	22.4	1.0	"	20.00	ND	112	39.4-166	0.761	18.7	
1,1,2-Trichloroethane	24.8	1.0	"	20.00	ND	124	72.6-153	2.20	20.8	
2-Hexanone	151	5.0	"	100.0	ND	151	80.1-168	2.20	6.91	
1,2-Dibromoethane	24.8	1.0	"	20.00	ND	124	76.7-150	2.29	6.77	
Tetrachloroethene	23.4	1.0	"	20.00	ND	117	61.7-160	0.852	7.81	
1,3-Dichloropropane	23.7	1.0	"	20.00	ND	119	87.3-145	1.79	7.65	
Dibromochloromethane	24.7	1.0	"	20.00	ND	123	66.3-147	1.55	16.1	
Chlorobenzene	24.1	1.0	"	20.00	ND	120	74.2-149	0.0831	8.07	
1,1,1,2-Tetrachloroethane	24.5	1.0	"	20.00	ND	123	82-131	2.35	9.97	
Ethylbenzene	24.0	1.0	"	20.00	ND	120	75.8-151	0.836	7.84	
m,p-Xylenes	47.6	2.0	"	40.00	ND	119	63.1-168	0.586	7.04	
o-Xylene	23.9	1.0	"	20.00	ND	120	70.9-152	0.461	5.28	
Styrene	18.2	1.0	"	20.00	ND	91.0	76.4-129	0.606	5.47	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114225 - EPA 5030B										
Matrix Spike Dup (1114225-MSD1)	**Source: 11C1648-07**			Prepared & Analyzed: 04/05/2011						
Bromoform	25.4	1.0	ug/L	20.00	ND	127	33.8-185	1.87	19.7	
Isopropylbenzene (Cumene)	23.6	1.0	"	20.00	ND	118	65.3-163	0.254	8.15	
1,1,2,2-Tetrachloroethane	24.4	1.0	"	20.00	ND	122	90.6-150	0.451	10.4	
1,2,3-Trichloropropane	24.8	1.0	"	20.00	ND	124	99.9-148	3.49	3.74	
Bromobenzene	23.4	1.0	"	20.00	ND	117	99-142	0.989	9.89	
Propylbenzene	23.4	1.0	"	20.00	ND	117	65.7-188	1.59	8.46	
2-Chlorotoluene	23.0	1.0	"	20.00	ND	115	74.8-151	0.392	9.89	
1,3,5-Trimethylbenzene	23.4	1.0	"	20.00	ND	117	72.1-139	0.0428	8.34	
4-Chlorotoluene	23.5	1.0	"	20.00	ND	117	74.5-148	3.34	10.5	
tert-Butylbenzene	23.2	1.0	"	20.00	ND	116	93.5-125	0.259	11.6	
1,2,4-Trimethylbenzene	23.7	1.0	"	20.00	ND	118	75.5-135	0.966	12.1	
sec-Butylbenzene	22.8	1.0	"	20.00	ND	114	93.2-130	3.57	9.52	
4-Isopropyltoluene	22.7	1.0	"	20.00	ND	114	-5.12-183	0.307	11.3	
1,3-Dichlorobenzene	23.4	1.0	"	20.00	ND	117	67.7-147	1.12	9.61	
1,4-Dichlorobenzene	23.1	1.0	"	20.00	ND	116	70.3-145	0.608	10.4	
trans-1,4-Dichloro-2-butene	22.2	5.0	"	20.00	ND	111	53.7-134	3.29	11.7	
Butylbenzene	22.2	1.0	"	20.00	ND	111	44.3-161	1.09	11.5	
1,2-Dichlorobenzene	23.0	1.0	"	20.00	ND	115	71.8-143	0.778	9.9	
1,2-Dibromo-3-chloropropane	25.8	5.0	"	20.00	ND	129	98.3-143	3.39	20.7	
1,2,4-Trichlorobenzene	22.7	5.0	"	20.00	ND	114	86.9-156	0.441	11.2	
Hexachlorobutadiene	22.3	5.0	"	20.00	ND	111	44.5-164	1.49	12	
Naphthalene	26.0	1.0	"	20.00	ND	130	51-212	1.00	43.2	
1,2,3-Trichlorobenzene	23.4	5.0	"	20.00	ND	117	41.1-197	0.772	25.7	
Surrogate: Dibromofluoromethane	*25.6*		*"*	*25.00*		*103*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*25.5*		*"*	*25.00*		*102*	*77.8-136*			
Surrogate: Toluene-d8	*24.9*		*"*	*25.00*		*99.5*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*25.2*		*"*	*25.00*		*101*	*80.8-127*			

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
Blank (1115044-BLK1)				Prepared & Analyzed: 04/05/2011						
Dichlorodifluoromethane	ND	1.0	ug/L							U
Chloromethane	ND	1.0	"							U
Vinyl chloride	ND	1.0	"							U
Bromomethane	ND	5.0	"							R2, U
Chloroethane	ND	1.0	"							U
Trichlorofluoromethane	ND	1.0	"							U
Acrolein	ND	10	"							U
1,1-Dichloroethene	ND	1.0	"							U
Acetone	ND	25	"							U
Iodomethane	ND	1.0	"							V1, U
Carbon disulfide	ND	1.0	"							U
Allyl Chloride (3-Chloropropylene)	ND	1.0	"							U
Acetonitrile	ND	5.0	"							U
Methylene Chloride	ND	5.0	"							U
Methyl-tert-Butyl Ether	ND	1.0	"							U
trans-1,2-Dichloroethene	ND	1.0	"							U
Acrylonitrile	ND	5.0	"							U
1,1-Dichloroethane	ND	1.0	"							U
Chloroprene	ND	1.0	"							U
2,2-Dichloropropane	ND	5.0	"							U
cis-1,2-Dichloroethene	ND	1.0	"							U
2-Butanone	ND	5.0	"							U
Propionitrile (Ethyl Cyanide)	ND	5.0	"							U
Methacrylonitrile	ND	5.0	"							U
Chloroform	ND	1.0	"							U
Bromochloromethane	ND	1.0	"							U
1,1,1-Trichloroethane	ND	1.0	"							U
1,1-Dichloropropene	ND	1.0	"							U
Carbon Tetrachloride	ND	1.0	"							U
Benzene	ND	1.0	"							U
1,2-Dichloroethane	ND	1.0	"							U
Trichloroethene	ND	1.0	"							U
1,2-Dichloropropane	ND	1.0	"							U
Bromodichloromethane	ND	1.0	"							U
Methyl Methacrylate	ND	1.0	"							U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
Blank (1115044-BLK1)				Prepared & Analyzed: 04/05/2011						
Dibromomethane	ND	2.0	ug/L							U
2-Chloroethyl Vinyl Ether	ND	1.0	"							L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	"							U
cis-1,3-Dichloropropene	ND	1.0	"							U
Toluene	ND	1.0	"							U
trans-1,3-Dichloropropene	ND	1.0	"							U
Ethyl Methacrylate	ND	1.0	"							U
1,1,2-Trichloroethane	ND	1.0	"							U
2-Hexanone	ND	5.0	"							U
1,2-Dibromoethane	ND	1.0	"							U
Tetrachloroethene	ND	1.0	"							U
1,3-Dichloropropane	ND	1.0	"							U
Dibromochloromethane	ND	1.0	"							U
Chlorobenzene	ND	1.0	"							U
1,1,1,2-Tetrachloroethane	ND	1.0	"							U
Ethylbenzene	ND	1.0	"							U
m,p-Xylenes	ND	2.0	"							U
o-Xylene	ND	1.0	"							U
Styrene	ND	1.0	"							U
Bromoform	ND	1.0	"							U
Isopropylbenzene (Cumene)	ND	1.0	"							U
1,1,2,2-Tetrachloroethane	ND	1.0	"							U
1,2,3-Trichloropropane	ND	1.0	"							R2, U
Bromobenzene	ND	1.0	"							U
Propylbenzene	ND	1.0	"							U
2-Chlorotoluene	ND	1.0	"							U
1,3,5-Trimethylbenzene	ND	1.0	"							U
4-Chlorotoluene	ND	1.0	"							U
tert-Butylbenzene	ND	1.0	"							U
1,2,4-Trimethylbenzene	ND	1.0	"							Z10b, U
sec-Butylbenzene	ND	1.0	"							U
4-Isopropyltoluene	ND	1.0	"							U
1,3-Dichlorobenzene	ND	1.0	"							U
1,4-Dichlorobenzene	ND	1.0	"							U
trans-1,4-Dichloro-2-butene	ND	5.0	"							U

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
Blank (1115044-BLK1)				Prepared & Analyzed: 04/05/2011						
Butylbenzene	ND	1.0	ug/L							U
1,2-Dichlorobenzene	ND	1.0	"							U
1,2-Dibromo-3-chloropropane	ND	5.0	"							U
1,2,4-Trichlorobenzene	ND	5.0	"							U
Hexachlorobutadiene	ND	5.0	"							U
Naphthalene	ND	1.0	"							U
1,2,3-Trichlorobenzene	ND	5.0	"							U
Total Xylenes	ND	3.0	"							U
Surrogate: Dibromofluoromethane	*25.8*		*"*	*25.00*		*103*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*25.9*		*"*	*25.00*		*103*	*77.8-136*			
Surrogate: Toluene-d8	*24.8*		*"*	*25.00*		*99.3*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*"*	*25.00*		*99.5*	*80.8-127*			
LCS (1115044-BS1)				Prepared & Analyzed: 04/05/2011						
Dichlorodifluoromethane	18.3	1.0	ug/L	20.00		91.5	61.5-133		16.5	
Chloromethane	15.5	1.0	"	20.00		77.6	43-163		11.2	
Vinyl chloride	16.0	1.0	"	20.00		80.2	68.9-132		12.8	
Bromomethane	8.45	5.0	"	20.00		42.2	21.9-169		19.8	R2
Chloroethane	17.5	1.0	"	20.00		87.7	68.1-132		20.3	
Trichlorofluoromethane	16.4	1.0	"	20.00		82.2	63-138		11.8	
1,1-Dichloroethene	21.8	1.0	"	20.00		109	69.3-154		15.7	
Acetone	114	25	"	100.0		114	73.6-143		17.4	
Iodomethane	28.3	1.0	"	20.00		141	60.3-147		16.4	V1
Carbon disulfide	22.8	1.0	"	20.00		114	58.7-145		15	
Allyl Chloride (3-Chloropropylene)	23.2	1.0	"	20.00		116	72.2-136		11.7	
Acetonitrile	20.0	5.0	"	20.00		100	75.4-150		49.4	
Methylene Chloride	20.8	5.0	"	20.00		104	71.8-143		15.7	
Methyl-tert-Butyl Ether	23.2	1.0	"	20.00		116	70.8-132		13.9	
trans-1,2-Dichloroethene	21.6	1.0	"	20.00		108	87.7-128		15.8	
1,1-Dichloroethane	22.2	1.0	"	20.00		111	88.4-124		14.6	
Chloroprene	23.0	1.0	"	20.00		115	87.2-129		14	
2,2-Dichloropropane	19.9	5.0	"	20.00		99.3	62.9-125		13.7	
cis-1,2-Dichloroethene	21.5	1.0	"	20.00		107	83.5-130		13	
2-Butanone	114	5.0	"	100.0		114	74.4-148		11.9	
Chloroform	21.7	1.0	"	20.00		108	83.9-123		14.9	
Bromochloromethane	24.0	1.0	"	20.00		120	66.9-147		14.6	

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
LCS (1115044-BS1)				Prepared & Analyzed: 04/05/2011						
1,1,1-Trichloroethane	21.8	1.0	ug/L	20.00		109	82.2-130		15.5	
1,1-Dichloropropene	22.2	1.0	"	20.00		111	87.5-120		13.3	
Carbon Tetrachloride	22.7	1.0	"	20.00		114	29.7-165		21.2	
Benzene	22.0	1.0	"	20.00		110	83.5-121		14.8	
1,2-Dichloroethane	21.9	1.0	"	20.00		109	78.4-135		11.8	
Trichloroethene	21.7	1.0	"	20.00		108	72.2-143		18.3	
1,2-Dichloropropane	21.5	1.0	"	20.00		108	82.9-126		15	
Bromodichloromethane	21.6	1.0	"	20.00		108	80.6-123		12.8	
Methyl Methacrylate	23.2	1.0	"	20.00		116	75.3-154		17.4	
Dibromomethane	23.7	2.0	"	20.00		119	78.1-134		15.9	
2-Chloroethyl Vinyl Ether	17.1	1.0	"	10.00		171	63.8-141		17.6	L2, V1
Methyl Isobutyl Ketone	114	5.0	"	100.0		114	79-145		13.7	
cis-1,3-Dichloropropene	21.5	1.0	"	20.00		107	75.5-125		14.2	
Toluene	22.1	1.0	"	20.00		111	83.2-123		15.2	
trans-1,3-Dichloropropene	21.4	1.0	"	20.00		107	68.6-131		12.7	
1,1,2-Trichloroethane	22.4	1.0	"	20.00		112	76.1-131		16.6	
2-Hexanone	114	5.0	"	100.0		114	76.4-144		14.5	
1,2-Dibromoethane	23.0	1.0	"	20.00		115	87-124		10.9	
Tetrachloroethene	22.8	1.0	"	20.00		114	57.7-158		20.7	
1,3-Dichloropropane	21.7	1.0	"	20.00		108	88.9-128		12.4	
Dibromochloromethane	21.8	1.0	"	20.00		109	71.3-128		16.5	
Chlorobenzene	22.1	1.0	"	20.00		110	84.4-122		15.8	
1,1,1,2-Tetrachloroethane	21.6	1.0	"	20.00		108	83.4-120		10.6	
Ethylbenzene	21.8	1.0	"	20.00		109	84.1-125		16.3	
m,p-Xylenes	45.0	2.0	"	40.00		113	85.1-125		14.1	
o-Xylene	22.6	1.0	"	20.00		113	82.8-122		14.3	
Styrene	22.9	1.0	"	20.00		114	80.5-119		19.8	
Bromoform	23.2	1.0	"	20.00		116	54.9-141		17.3	
Isopropylbenzene (Cumene)	22.1	1.0	"	20.00		111	91-122		12.4	
1,1,2,2-Tetrachloroethane	22.2	1.0	"	20.00		111	79-136		17	
1,2,3-Trichloropropane	23.4	1.0	"	20.00		117	92.7-130		15.2	R2
Bromobenzene	21.8	1.0	"	20.00		109	86.1-133		11.3	
Propylbenzene	21.7	1.0	"	20.00		109	85.5-130		11.9	
2-Chlorotoluene	21.6	1.0	"	20.00		108	90.6-128		12.4	
1,3,5-Trimethylbenzene	22.1	1.0	"	20.00		111	92.7-116		6.82	

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
LCS (1115044-BS1)				Prepared & Analyzed: 04/05/2011						
4-Chlorotoluene	21.7	1.0	ug/L	20.00		109	84-128		13.9	
tert-Butylbenzene	22.0	1.0	"	20.00		110	87.4-124		15.7	
1,2,4-Trimethylbenzene	22.2	1.0	"	20.00		111	94.6-109		12.7	Z10b
sec-Butylbenzene	21.7	1.0	"	20.00		108	78.2-125		17.5	
4-Isopropyltoluene	22.1	1.0	"	20.00		110	86.6-115		15.9	
1,3-Dichlorobenzene	21.8	1.0	"	20.00		109	79.5-120		13.5	
1,4-Dichlorobenzene	21.2	1.0	"	20.00		106	80.2-119		14.7	
trans-1,4-Dichloro-2-butene	21.4	5.0	"	20.00		107	17.7-187		13.6	
Butylbenzene	20.9	1.0	"	20.00		105	86.1-123		16.6	
1,2-Dichlorobenzene	21.8	1.0	"	20.00		109	77.7-121		13.1	
1,2-Dibromo-3-chloropropane	23.2	5.0	"	20.00		116	63.5-157		26.1	
1,2,4-Trichlorobenzene	21.6	5.0	"	20.00		108	58.4-142		18.5	
Hexachlorobutadiene	20.7	5.0	"	20.00		103	46.7-140		22.9	
Naphthalene	23.9	1.0	"	20.00		120	20-187		52.2	
1,2,3-Trichlorobenzene	22.2	5.0	"	20.00		111	40.3-152		38.9	
Surrogate: Dibromofluoromethane	*25.4*		*"*	*25.00*		*102*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*24.8*		*"*	*25.00*		*99.1*	*77.8-136*			
Surrogate: Toluene-d8	*24.7*		*"*	*25.00*		*98.8*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.8*		*"*	*25.00*		*99.0*	*80.8-127*			
LCS Dup (1115044-BSD1)				Prepared & Analyzed: 04/05/2011						
Dichlorodifluoromethane	18.5	1.0	ug/L	20.00		92.5	61.5-133	1.09	16.5	
Chloromethane	16.2	1.0	"	20.00		81.0	43-163	4.41	11.2	
Vinyl chloride	16.3	1.0	"	20.00		81.6	68.9-132	1.79	12.8	
Bromomethane	10.2	5.0	"	20.00		51.2	21.9-169	19.1	19.8	R2
Chloroethane	17.4	1.0	"	20.00		87.2	68.1-132	0.514	20.3	
Trichlorofluoromethane	17.0	1.0	"	20.00		85.0	63-138	3.47	11.8	
1,1-Dichloroethene	21.8	1.0	"	20.00		109	69.3-154	0.321	15.7	
Acetone	123	25	"	100.0		123	73.6-143	7.71	17.4	
Iodomethane	27.3	1.0	"	20.00		137	60.3-147	3.42	16.4	V1
Carbon disulfide	23.0	1.0	"	20.00		115	58.7-145	0.875	15	
Allyl Chloride (3-Chloropropylene)	23.4	1.0	"	20.00		117	72.2-136	1.16	11.7	
Acetonitrile	18.5	5.0	"	20.00		92.4	75.4-150	8.00	49.4	
Methylene Chloride	21.1	5.0	"	20.00		106	71.8-143	1.72	15.7	
Methyl-tert-Butyl Ether	23.4	1.0	"	20.00		117	70.8-132	0.730	13.9	
trans-1,2-Dichloroethene	22.2	1.0	"	20.00		111	87.7-128	3.06	15.8	

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
LCS Dup (1115044-BSD1)				Prepared & Analyzed: 04/05/2011						
1,1-Dichloroethane	22.0	1.0	ug/L	20.00		110	88.4-124	0.813	14.6	
Chloroprene	22.8	1.0	"	20.00		114	87.2-129	0.743	14	
2,2-Dichloropropane	19.9	5.0	"	20.00		99.6	62.9-125	0.302	13.7	
cis-1,2-Dichloroethene	21.5	1.0	"	20.00		107	83.5-130	0.0466	13	
2-Butanone	109	5.0	"	100.0		109	74.4-148	4.44	11.9	
Chloroform	22.2	1.0	"	20.00		111	83.9-123	2.23	14.9	
Bromochloromethane	23.8	1.0	"	20.00		119	66.9-147	0.669	14.6	
1,1,1-Trichloroethane	22.4	1.0	"	20.00		112	82.2-130	2.35	15.5	
1,1-Dichloropropene	22.5	1.0	"	20.00		113	87.5-120	1.47	13.3	
Carbon Tetrachloride	23.1	1.0	"	20.00		116	29.7-165	1.83	21.2	
Benzene	22.3	1.0	"	20.00		112	83.5-121	1.49	14.8	
1,2-Dichloroethane	22.0	1.0	"	20.00		110	78.4-135	0.729	11.8	
Trichloroethene	22.0	1.0	"	20.00		110	72.2-143	1.42	18.3	
1,2-Dichloropropane	21.7	1.0	"	20.00		109	82.9-126	0.879	15	
Bromodichloromethane	22.2	1.0	"	20.00		111	80.6-123	2.33	12.8	
Methyl Methacrylate	22.5	1.0	"	20.00		113	75.3-154	2.80	17.4	
Dibromomethane	23.5	2.0	"	20.00		118	78.1-134	0.762	15.9	
2-Chloroethyl Vinyl Ether	16.9	1.0	"	10.00		169	63.8-141	0.765	17.6	L2, V1
Methyl Isobutyl Ketone	112	5.0	"	100.0		112	79-145	2.19	13.7	
cis-1,3-Dichloropropene	21.8	1.0	"	20.00		109	75.5-125	1.43	14.2	
Toluene	22.7	1.0	"	20.00		113	83.2-123	2.55	15.2	
trans-1,3-Dichloropropene	21.2	1.0	"	20.00		106	68.6-131	1.36	12.7	
1,1,2-Trichloroethane	22.6	1.0	"	20.00		113	76.1-131	1.02	16.6	
2-Hexanone	111	5.0	"	100.0		111	76.4-144	2.34	14.5	
1,2-Dibromoethane	23.0	1.0	"	20.00		115	87-124	0.130	10.9	
Tetrachloroethene	22.8	1.0	"	20.00		114	57.7-158	0.132	20.7	
1,3-Dichloropropane	21.6	1.0	"	20.00		108	88.9-128	0.0924	12.4	
Dibromochloromethane	21.9	1.0	"	20.00		109	71.3-128	0.0458	16.5	
Chlorobenzene	22.2	1.0	"	20.00		111	84.4-122	0.677	15.8	
1,1,1,2-Tetrachloroethane	21.8	1.0	"	20.00		109	83.4-120	0.921	10.6	
Ethylbenzene	22.1	1.0	"	20.00		110	84.1-125	1.19	16.3	
m,p-Xylenes	45.5	2.0	"	40.00		114	85.1-125	0.994	14.1	
o-Xylene	22.7	1.0	"	20.00		113	82.8-122	0.575	14.3	
Styrene	3.05	1.0	"	20.00		15.2	80.5-119	153	19.8	R2
Bromoform	22.4	1.0	"	20.00		112	54.9-141	3.73	17.3	

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
LCS Dup (1115044-BSD1)				Prepared & Analyzed: 04/05/2011						
Isopropylbenzene (Cumene)	22.8	1.0	ug/L	20.00		114	91-122	2.85	12.4	
1,1,2,2-Tetrachloroethane	21.2	1.0	"	20.00		106	79-136	4.80	17	
1,2,3-Trichloropropane	21.8	1.0	"	20.00		109	92.7-130	7.26	15.2	R2
Bromobenzene	21.8	1.0	"	20.00		109	86.1-133	0.0459	11.3	
Propylbenzene	21.8	1.0	"	20.00		109	85.5-130	0.414	11.9	
2-Chlorotoluene	21.8	1.0	"	20.00		109	90.6-128	0.692	12.4	
1,3,5-Trimethylbenzene	22.3	1.0	"	20.00		112	92.7-116	0.899	6.82	
4-Chlorotoluene	22.0	1.0	"	20.00		110	84-128	1.37	13.9	
tert-Butylbenzene	22.3	1.0	"	20.00		111	87.4-124	1.40	15.7	
1,2,4-Trimethylbenzene	22.6	1.0	"	20.00		113	94.6-109	1.74	12.7	Z10b
sec-Butylbenzene	22.1	1.0	"	20.00		110	78.2-125	1.92	17.5	
4-Isopropyltoluene	22.0	1.0	"	20.00		110	86.6-115	0.272	15.9	
1,3-Dichlorobenzene	22.1	1.0	"	20.00		111	79.5-120	1.32	13.5	
1,4-Dichlorobenzene	21.9	1.0	"	20.00		109	80.2-119	3.16	14.7	
trans-1,4-Dichloro-2-butene	19.2	5.0	"	20.00		95.8	17.7-187	11.1	13.6	
Butylbenzene	21.0	1.0	"	20.00		105	86.1-123	0.287	16.6	
1,2-Dichlorobenzene	22.1	1.0	"	20.00		110	77.7-121	0.956	13.1	
1,2-Dibromo-3-chloropropane	22.2	5.0	"	20.00		111	63.5-157	4.18	26.1	
1,2,4-Trichlorobenzene	22.1	5.0	"	20.00		111	58.4-142	2.38	18.5	
Hexachlorobutadiene	20.8	5.0	"	20.00		104	46.7-140	0.675	22.9	
Naphthalene	23.5	1.0	"	20.00		117	20-187	1.77	52.2	
1,2,3-Trichlorobenzene	22.4	5.0	"	20.00		112	40.3-152	0.850	38.9	
Surrogate: Dibromofluoromethane	*25.4*		*"*	*25.00*		*101*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*24.9*		*"*	*25.00*		*99.5*	*77.8-136*			
Surrogate: Toluene-d8	*24.7*		*"*	*25.00*		*99.0*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.8*		*"*	*25.00*		*99.2*	*80.8-127*			
Matrix Spike (1115044-MS1)		**Source: 11C1255-01**		Prepared & Analyzed: 04/05/2011						
Dichlorodifluoromethane	18.1	1.0	ug/L	20.00	ND	90.4	57.9-110		8.31	
Chloromethane	16.2	1.0	"	20.00	ND	81.0	28.7-183		10.6	
Vinyl chloride	16.7	1.0	"	20.00	ND	83.4	68.1-136		7.43	
Bromomethane	11.8	5.0	"	20.00	ND	58.8	10.2-178		11.6	R2
Chloroethane	19.0	1.0	"	20.00	ND	95.0	65.9-136		8.48	
Trichlorofluoromethane	18.5	1.0	"	20.00	ND	92.7	58.6-130		9.61	
1,1-Dichloroethene	20.1	1.0	"	20.00	ND	100	58-178		8.44	
Acetone	101	25	"	100.0	ND	101	80.5-173		6.01	

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
Matrix Spike (1115044-MS1)	**Source: 11C1255-01**			Prepared & Analyzed: 04/05/2011						
Iodomethane	24.8	1.0	ug/L	20.00	0.00	124	45.3-165		19.4	V1
Carbon disulfide	20.8	1.0	"	20.00	ND	104	59.5-154		12.3	
Allyl Chloride (3-Chloropropylene)	22.2	1.0	"	20.00	ND	111	63.7-149		13.5	
Acetonitrile	18.2	5.0	"	20.00	ND	90.8	84.7-159		7.62	
Methylene Chloride	19.0	5.0	"	20.00	ND	94.9	59.4-168		11.2	
Methyl-tert-Butyl Ether	21.6	1.0	"	20.00	ND	108	70.4-155		23.6	
trans-1,2-Dichloroethene	20.1	1.0	"	20.00	ND	101	72.3-161		8.19	
1,1-Dichloroethane	20.8	1.0	"	20.00	ND	104	73.6-157		7.21	
Chloroprene	20.8	1.0	"	20.00	ND	104	82.6-148		8.66	
2,2-Dichloropropane	17.5	5.0	"	20.00	ND	87.6	-5.41-170		13.2	
cis-1,2-Dichloroethene	19.7	1.0	"	20.00	ND	98.6	74.3-157		9.33	
2-Butanone	105	5.0	"	100.0	ND	105	67.8-193		6.75	
Chloroform	20.0	1.0	"	20.00	ND	99.9	68.8-152		6.51	
Bromochloromethane	21.4	1.0	"	20.00	ND	107	58.4-170		8.05	
1,1,1-Trichloroethane	20.4	1.0	"	20.00	ND	102	72.7-159		7.88	
1,1-Dichloropropene	20.4	1.0	"	20.00	ND	102	89.6-126		8.37	
Carbon Tetrachloride	21.6	1.0	"	20.00	ND	108	31-172		12.3	
Benzene	20.2	1.0	"	20.00	ND	101	67.9-156		6.37	
1,2-Dichloroethane	20.1	1.0	"	20.00	ND	100	70-163		16.2	
Trichloroethene	19.9	1.0	"	20.00	ND	99.4	59.5-183		9.7	
1,2-Dichloropropane	19.8	1.0	"	20.00	ND	99.2	66.5-158		9.22	
Bromodichloromethane	20.1	1.0	"	20.00	ND	100	72.2-149		12.1	
Methyl Methacrylate	21.4	1.0	"	20.00	ND	107	77.5-162		6.85	
Dibromomethane	22.0	2.0	"	20.00	ND	110	66.8-158		7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	V1, L2, U
Methyl Isobutyl Ketone	109	5.0	"	100.0	ND	109	79.3-166		5.26	
cis-1,3-Dichloropropene	19.5	1.0	"	20.00	ND	97.6	44.7-160		8.49	
Toluene	20.5	1.0	"	20.00	ND	103	61.8-160		6.78	
trans-1,3-Dichloropropene	19.2	1.0	"	20.00	ND	96.0	39.4-166		18.7	
1,1,2-Trichloroethane	21.0	1.0	"	20.00	ND	105	72.6-153		20.8	
2-Hexanone	112	5.0	"	100.0	ND	112	80.1-168		6.91	
1,2-Dibromoethane	21.1	1.0	"	20.00	ND	106	76.7-150		6.77	
Tetrachloroethene	20.9	1.0	"	20.00	ND	105	61.7-160		7.81	
1,3-Dichloropropane	20.1	1.0	"	20.00	ND	100	87.3-145		7.65	
Dibromochloromethane	20.5	1.0	"	20.00	ND	103	66.3-147		16.1	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
Matrix Spike (1115044-MS1)	**Source: 11C1255-01**			Prepared & Analyzed: 04/05/2011						
Chlorobenzene	20.7	1.0	ug/L	20.00	ND	103	74.2-149		8.07	
1,1,1,2-Tetrachloroethane	20.5	1.0	"	20.00	ND	103	82-131		9.97	
Ethylbenzene	20.7	1.0	"	20.00	ND	104	75.8-151		7.84	
m,p-Xylenes	41.8	2.0	"	40.00	ND	104	63.1-168		7.04	
o-Xylene	20.5	1.0	"	20.00	ND	102	70.9-152		5.28	
Styrene	17.0	1.0	"	20.00	ND	84.8	76.4-129		5.47	
Bromoform	21.8	1.0	"	20.00	ND	109	33.8-185		19.7	
Isopropylbenzene (Cumene)	21.0	1.0	"	20.00	ND	105	65.3-163		8.15	
1,1,2,2-Tetrachloroethane	20.8	1.0	"	20.00	ND	104	90.6-150		10.4	
1,2,3-Trichloropropane	21.6	1.0	"	20.00	ND	108	99.9-148		3.74	R2
Bromobenzene	20.1	1.0	"	20.00	ND	100	99-142		9.89	
Propylbenzene	20.5	1.0	"	20.00	ND	102	65.7-188		8.46	
2-Chlorotoluene	20.1	1.0	"	20.00	ND	101	74.8-151		9.89	
1,3,5-Trimethylbenzene	20.5	1.0	"	20.00	ND	102	72.1-139		8.34	
4-Chlorotoluene	20.5	1.0	"	20.00	ND	102	74.5-148		10.5	
tert-Butylbenzene	21.0	1.0	"	20.00	ND	105	93.5-125		11.6	
1,2,4-Trimethylbenzene	20.8	1.0	"	20.00	ND	104	75.5-135		12.1	Z10b
sec-Butylbenzene	20.3	1.0	"	20.00	ND	102	93.2-130		9.52	
4-Isopropyltoluene	20.5	1.0	"	20.00	ND	102	-5.12-183		11.3	
1,3-Dichlorobenzene	21.3	1.0	"	20.00	ND	106	67.7-147		9.61	
1,4-Dichlorobenzene	20.0	1.0	"	20.00	ND	100	70.3-145		10.4	
trans-1,4-Dichloro-2-butene	20.2	5.0	"	20.00	ND	101	53.7-134		11.7	
Butylbenzene	19.6	1.0	"	20.00	ND	97.8	44.3-161		11.5	
1,2-Dichlorobenzene	20.5	1.0	"	20.00	ND	102	71.8-143		9.9	
1,2-Dibromo-3-chloropropane	21.6	5.0	"	20.00	ND	108	98.3-143		20.7	
1,2,4-Trichlorobenzene	20.8	5.0	"	20.00	ND	104	86.9-156		11.2	
Hexachlorobutadiene	20.1	5.0	"	20.00	ND	101	44.5-164		12	
Naphthalene	22.6	1.0	"	20.00	ND	113	51-212		43.2	
1,2,3-Trichlorobenzene	21.2	5.0	"	20.00	ND	106	41.1-197		25.7	
Surrogate: Dibromofluoromethane	*25.1*		"	*25.00*		*101*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*24.6*		"	*25.00*		*98.3*	*77.8-136*			
Surrogate: Toluene-d8	*24.4*		"	*25.00*		*97.7*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.7*		"	*25.00*		*98.8*	*80.8-127*			

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
Matrix Spike Dup (1115044-MSD1)	**Source: 11C1255-01**			Prepared & Analyzed: 04/06/2011						
Dichlorodifluoromethane	18.3	1.0	ug/L	20.00	ND	91.6	57.9-110	1.32	8.31	
Chloromethane	16.3	1.0	"	20.00	ND	81.5	28.7-183	0.554	10.6	
Vinyl chloride	16.9	1.0	"	20.00	ND	84.6	68.1-136	1.43	7.43	
Bromomethane	12.4	5.0	"	20.00	ND	62.2	10.2-178	5.70	11.6	R2
Chloroethane	18.3	1.0	"	20.00	ND	91.6	65.9-136	3.54	8.48	
Trichlorofluoromethane	18.3	1.0	"	20.00	ND	91.4	58.6-130	1.36	9.61	
1,1-Dichloroethene	20.1	1.0	"	20.00	ND	100	58-178	0.0996	8.44	
Acetone	98.7	25	"	100.0	ND	98.7	80.5-173	2.25	6.01	
Iodomethane	22.7	1.0	"	20.00	0.00	113	45.3-165	8.90	19.4	V1
Carbon disulfide	20.4	1.0	"	20.00	ND	102	59.5-154	1.84	12.3	
Allyl Chloride (3-Chloropropylene)	21.2	1.0	"	20.00	ND	106	63.7-149	4.37	13.5	
Acetonitrile	16.1	5.0	"	20.00	ND	80.6	84.7-159	11.8	7.62	
Methylene Chloride	18.7	5.0	"	20.00	ND	93.5	59.4-168	1.49	11.2	
Methyl-tert-Butyl Ether	20.5	1.0	"	20.00	ND	103	70.4-155	5.22	23.6	
trans-1,2-Dichloroethene	19.8	1.0	"	20.00	ND	99.0	72.3-161	1.60	8.19	
1,1-Dichloroethane	20.0	1.0	"	20.00	ND	100	73.6-157	3.53	7.21	
Chloroprene	20.5	1.0	"	20.00	ND	103	82.6-148	1.21	8.66	
2,2-Dichloropropane	16.9	5.0	"	20.00	ND	84.5	-5.41-170	3.55	13.2	
cis-1,2-Dichloroethene	19.3	1.0	"	20.00	ND	96.4	74.3-157	2.36	9.33	
2-Butanone	101	5.0	"	100.0	ND	101	67.8-193	3.64	6.75	
Chloroform	19.9	1.0	"	20.00	ND	99.4	68.8-152	0.451	6.51	
Bromochloromethane	21.2	1.0	"	20.00	ND	106	58.4-170	1.17	8.05	
1,1,1-Trichloroethane	19.9	1.0	"	20.00	ND	99.3	72.7-159	2.44	7.88	
1,1-Dichloropropene	20.5	1.0	"	20.00	ND	102	89.6-126	0.441	8.37	
Carbon Tetrachloride	21.3	1.0	"	20.00	ND	106	31-172	1.40	12.3	
Benzene	19.6	1.0	"	20.00	ND	98.0	67.9-156	2.87	6.37	
1,2-Dichloroethane	19.9	1.0	"	20.00	ND	99.4	70-163	1.05	16.2	
Trichloroethene	19.7	1.0	"	20.00	ND	98.6	59.5-183	0.808	9.7	
1,2-Dichloropropane	19.7	1.0	"	20.00	ND	98.7	66.5-158	0.556	9.22	
Bromodichloromethane	20.0	1.0	"	20.00	ND	99.8	72.2-149	0.650	12.1	
Methyl Methacrylate	20.8	1.0	"	20.00	ND	104	77.5-162	3.08	6.85	
Dibromomethane	21.3	2.0	"	20.00	ND	106	66.8-158	3.05	7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	L2, V1, U
Methyl Isobutyl Ketone	107	5.0	"	100.0	ND	107	79.3-166	2.06	5.26	
cis-1,3-Dichloropropene	19.2	1.0	"	20.00	ND	95.8	44.7-160	1.91	8.49	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
Matrix Spike Dup (1115044-MSD1)	**Source: 11C1255-01**			Prepared & Analyzed: 04/06/2011						
Toluene	20.1	1.0	ug/L	20.00	ND	100	61.8-160	2.17	6.78	
trans-1,3-Dichloropropene	19.2	1.0	"	20.00	ND	95.9	39.4-166	0.156	18.7	
1,1,2-Trichloroethane	20.3	1.0	"	20.00	ND	102	72.6-153	3.05	20.8	
2-Hexanone	108	5.0	"	100.0	ND	108	80.1-168	3.00	6.91	
1,2-Dibromoethane	20.7	1.0	"	20.00	ND	104	76.7-150	2.01	6.77	
Tetrachloroethene	20.7	1.0	"	20.00	ND	104	61.7-160	1.06	7.81	
1,3-Dichloropropane	19.8	1.0	"	20.00	ND	99.1	87.3-145	1.35	7.65	
Dibromochloromethane	20.1	1.0	"	20.00	ND	100	66.3-147	2.12	16.1	
Chlorobenzene	19.9	1.0	"	20.00	ND	99.6	74.2-149	3.79	8.07	
1,1,1,2-Tetrachloroethane	19.6	1.0	"	20.00	ND	98.1	82-131	4.53	9.97	
Ethylbenzene	19.8	1.0	"	20.00	ND	99.2	75.8-151	4.39	7.84	
m,p-Xylenes	40.3	2.0	"	40.00	ND	101	63.1-168	3.56	7.04	
o-Xylene	20.1	1.0	"	20.00	ND	101	70.9-152	1.77	5.28	
Styrene	16.4	1.0	"	20.00	ND	82.2	76.4-129	3.05	5.47	
Bromoform	20.7	1.0	"	20.00	ND	104	33.8-185	4.98	19.7	
Isopropylbenzene (Cumene)	20.2	1.0	"	20.00	ND	101	65.3-163	3.55	8.15	
1,1,2,2-Tetrachloroethane	20.1	1.0	"	20.00	ND	101	90.6-150	3.13	10.4	
1,2,3-Trichloropropane	20.3	1.0	"	20.00	ND	102	99.9-148	5.88	3.74	R2
Bromobenzene	19.9	1.0	"	20.00	ND	99.4	99-142	0.952	9.89	
Propylbenzene	20.2	1.0	"	20.00	ND	101	65.7-188	1.42	8.46	
2-Chlorotoluene	19.8	1.0	"	20.00	ND	99.0	74.8-151	1.55	9.89	
1,3,5-Trimethylbenzene	20.1	1.0	"	20.00	ND	101	72.1-139	1.72	8.34	
4-Chlorotoluene	19.8	1.0	"	20.00	ND	99.0	74.5-148	3.48	10.5	
tert-Butylbenzene	19.9	1.0	"	20.00	ND	99.6	93.5-125	5.14	11.6	
1,2,4-Trimethylbenzene	20.4	1.0	"	20.00	ND	102	75.5-135	1.94	12.1	Z10b
sec-Butylbenzene	19.8	1.0	"	20.00	ND	99.2	93.2-130	2.49	9.52	
4-Isopropyltoluene	20.0	1.0	"	20.00	ND	100	-5.12-183	2.22	11.3	
1,3-Dichlorobenzene	20.9	1.0	"	20.00	ND	104	67.7-147	2.04	9.61	
1,4-Dichlorobenzene	19.9	1.0	"	20.00	ND	99.4	70.3-145	0.701	10.4	
trans-1,4-Dichloro-2-butene	19.0	5.0	"	20.00	ND	95.2	53.7-134	5.96	11.7	
Butylbenzene	19.5	1.0	"	20.00	ND	97.6	44.3-161	0.256	11.5	
1,2-Dichlorobenzene	20.2	1.0	"	20.00	ND	101	71.8-143	1.13	9.9	
1,2-Dibromo-3-chloropropane	20.9	5.0	"	20.00	ND	104	98.3-143	3.11	20.7	
1,2,4-Trichlorobenzene	20.4	5.0	"	20.00	ND	102	86.9-156	1.89	11.2	
Hexachlorobutadiene	20.4	5.0	"	20.00	ND	102	44.5-164	1.23	12	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115044 - EPA 5030B										
Matrix Spike Dup (1115044-MSD1)	**Source: 11C1255-01**			Prepared & Analyzed: 04/06/2011						
Naphthalene	22.2	1.0	ug/L	20.00	ND	111	51-212	1.79	43.2	
1,2,3-Trichlorobenzene	20.7	5.0	"	20.00	ND	104	41.1-197	2.01	25.7	
Surrogate: Dibromofluoromethane	*25.2*		*"*	*25.00*		*101*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*24.8*		*"*	*25.00*		*99.0*	*77.8-136*			
Surrogate: Toluene-d8	*24.8*		*"*	*25.00*		*99.2*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*25.1*		*"*	*25.00*		*100*	*80.8-127*			
Batch 1115099 - EPA 5030B										
Blank (1115099-BLK1)				Prepared & Analyzed: 04/06/2011						
Dichlorodifluoromethane	ND	1.0	ug/L							U
Chloromethane	ND	1.0	"							U
Vinyl chloride	ND	1.0	"							U
Bromomethane	ND	5.0	"							L3, U
Chloroethane	ND	1.0	"							U
Trichlorofluoromethane	ND	1.0	"							R1, U
Acrolein	ND	10	"							U
1,1-Dichloroethene	ND	1.0	"							U
Acetone	ND	25	"							U
Iodomethane	ND	1.0	"							U
Carbon disulfide	ND	1.0	"							U
Allyl Chloride (3-Chloropropylene)	ND	1.0	"							U
Acetonitrile	ND	5.0	"							U
Methylene Chloride	ND	5.0	"							U
Methyl-tert-Butyl Ether	ND	1.0	"							U
trans-1,2-Dichloroethene	ND	1.0	"							U
Acrylonitrile	ND	5.0	"							U
1,1-Dichloroethane	ND	1.0	"							U
Chloroprene	ND	1.0	"							U
2,2-Dichloropropane	ND	5.0	"							R2, U
cis-1,2-Dichloroethene	ND	1.0	"							U
2-Butanone	ND	5.0	"							U
Propionitrile (Ethyl Cyanide)	ND	5.0	"							U
Methacrylonitrile	ND	5.0	"							U
Chloroform	ND	1.0	"							U
Bromochloromethane	ND	1.0	"							U

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
Blank (1115099-BLK1)				Prepared & Analyzed: 04/06/2011						
1,1,1-Trichloroethane	ND	1.0	ug/L							U
1,1-Dichloropropene	ND	1.0	"							U
Carbon Tetrachloride	ND	1.0	"							R1, U
Benzene	ND	1.0	"							U
1,2-Dichloroethane	ND	1.0	"							U
Trichloroethene	ND	1.0	"							U
1,2-Dichloropropane	ND	1.0	"							U
Bromodichloromethane	ND	1.0	"							R1, U
Methyl Methacrylate	ND	1.0	"							U
Dibromomethane	ND	2.0	"							U
2-Chloroethyl Vinyl Ether	ND	1.0	"							L2, V1, U
Methyl Isobutyl Ketone	ND	5.0	"							R4, U
cis-1,3-Dichloropropene	ND	1.0	"							U
Toluene	ND	1.0	"							U
trans-1,3-Dichloropropene	ND	1.0	"							U
Ethyl Methacrylate	ND	1.0	"							U
1,1,2-Trichloroethane	ND	1.0	"							U
2-Hexanone	ND	5.0	"							U
1,2-Dibromoethane	ND	1.0	"							U
Tetrachloroethene	ND	1.0	"							U
1,3-Dichloropropane	ND	1.0	"							U
Dibromochloromethane	ND	1.0	"							R1, U
Chlorobenzene	ND	1.0	"							U
1,1,1,2-Tetrachloroethane	ND	1.0	"							U
Ethylbenzene	ND	1.0	"							U
m,p-Xylenes	ND	2.0	"							U
o-Xylene	ND	1.0	"							U
Styrene	ND	1.0	"							U
Bromoform	ND	1.0	"							U
Isopropylbenzene (Cumene)	ND	1.0	"							U
1,1,2,2-Tetrachloroethane	ND	1.0	"							U
1,2,3-Trichloropropane	ND	1.0	"							R4, U
Bromobenzene	ND	1.0	"							M5, U
Propylbenzene	ND	1.0	"							U
2-Chlorotoluene	ND	1.0	"							U

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
Blank (1115099-BLK1)				Prepared & Analyzed: 04/06/2011						
1,3,5-Trimethylbenzene	ND	1.0	ug/L							U
4-Chlorotoluene	ND	1.0	"							U
tert-Butylbenzene	ND	1.0	"							U
1,2,4-Trimethylbenzene	ND	1.0	"							U
sec-Butylbenzene	ND	1.0	"							U
4-Isopropyltoluene	ND	1.0	"							L2, U
1,3-Dichlorobenzene	ND	1.0	"							U
1,4-Dichlorobenzene	ND	1.0	"							U
trans-1,4-Dichloro-2-butene	ND	5.0	"							U
Butylbenzene	ND	1.0	"							U
1,2-Dichlorobenzene	ND	1.0	"							U
1,2-Dibromo-3-chloropropane	ND	5.0	"							U
1,2,4-Trichlorobenzene	ND	5.0	"							U
Hexachlorobutadiene	ND	5.0	"							U
Naphthalene	ND	1.0	"							U
1,2,3-Trichlorobenzene	ND	5.0	"							U
Total Xylenes	ND	3.0	"							U
Surrogate: Dibromofluoromethane	*25.3*		*"*	*25.00*		*101*	*90.8-116*			*R1*
Surrogate: 1,2-Dichloroethane-d4	*25.5*		*"*	*25.00*		*102*	*77.8-136*			
Surrogate: Toluene-d8	*24.3*		*"*	*25.00*		*97.2*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.8*		*"*	*25.00*		*99.0*	*80.8-127*			
LCS (1115099-BS1)				Prepared & Analyzed: 04/06/2011						
Dichlorodifluoromethane	21.2	1.0	ug/L	20.00		106	61.5-133		16.5	
Chloromethane	18.9	1.0	"	20.00		94.6	43-163		11.2	
Vinyl chloride	18.7	1.0	"	20.00		93.6	68.9-132		12.8	
Bromomethane	14.0	5.0	"	20.00		69.8	21.9-169		19.8	L3
Chloroethane	19.8	1.0	"	20.00		99.0	68.1-132		20.3	
Trichlorofluoromethane	19.4	1.0	"	20.00		97.2	63-138		11.8	R1
1,1-Dichloroethene	20.4	1.0	"	20.00		102	69.3-154		15.7	
Acetone	94.3	25	"	100.0		94.3	73.6-143		17.4	
Iodomethane	23.6	1.0	"	20.00		118	60.3-147		16.4	
Carbon disulfide	21.1	1.0	"	20.00		105	58.7-145		15	
Allyl Chloride (3-Chloropropylene)	22.7	1.0	"	20.00		113	72.2-136		11.7	
Acetonitrile	15.3	5.0	"	20.00		76.4	75.4-150		49.4	
Methylene Chloride	19.3	5.0	"	20.00		96.7	71.8-143		15.7	

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
LCS (1115099-BS1)				Prepared & Analyzed: 04/06/2011						
Methyl-tert-Butyl Ether	21.0	1.0	ug/L	20.00		105	70.8-132		13.9	
trans-1,2-Dichloroethene	20.3	1.0	"	20.00		101	87.7-128		15.8	
1,1-Dichloroethane	20.4	1.0	"	20.00		102	88.4-124		14.6	
Chloroprene	21.5	1.0	"	20.00		107	87.2-129		14	
2,2-Dichloropropane	23.0	5.0	"	20.00		115	62.9-125		13.7	R2
cis-1,2-Dichloroethene	20.2	1.0	"	20.00		101	83.5-130		13	
2-Butanone	96.0	5.0	"	100.0		96.0	74.4-148		11.9	
Chloroform	20.4	1.0	"	20.00		102	83.9-123		14.9	
Bromochloromethane	21.7	1.0	"	20.00		108	66.9-147		14.6	
1,1,1-Trichloroethane	20.3	1.0	"	20.00		102	82.2-130		15.5	
1,1-Dichloropropene	20.8	1.0	"	20.00		104	87.5-120		13.3	
Carbon Tetrachloride	21.5	1.0	"	20.00		107	29.7-165		21.2	R1
Benzene	20.2	1.0	"	20.00		101	83.5-121		14.8	
1,2-Dichloroethane	20.2	1.0	"	20.00		101	78.4-135		11.8	
Trichloroethene	20.4	1.0	"	20.00		102	72.2-143		18.3	
1,2-Dichloropropane	19.9	1.0	"	20.00		99.3	82.9-126		15	
Bromodichloromethane	20.4	1.0	"	20.00		102	80.6-123		12.8	R1
Methyl Methacrylate	20.3	1.0	"	20.00		102	75.3-154		17.4	
Dibromomethane	21.2	2.0	"	20.00		106	78.1-134		15.9	
2-Chloroethyl Vinyl Ether	14.8	1.0	"	10.00		148	63.8-141		17.6	L2, V1
Methyl Isobutyl Ketone	103	5.0	"	100.0		103	79-145		13.7	R4
cis-1,3-Dichloropropene	20.5	1.0	"	20.00		102	75.5-125		14.2	
Toluene	20.6	1.0	"	20.00		103	83.2-123		15.2	
trans-1,3-Dichloropropene	20.2	1.0	"	20.00		101	68.6-131		12.7	
1,1,2-Trichloroethane	20.4	1.0	"	20.00		102	76.1-131		16.6	
2-Hexanone	102	5.0	"	100.0		102	76.4-144		14.5	
1,2-Dibromoethane	20.6	1.0	"	20.00		103	87-124		10.9	
Tetrachloroethene	20.9	1.0	"	20.00		104	57.7-158		20.7	
1,3-Dichloropropane	19.8	1.0	"	20.00		98.8	88.9-128		12.4	
Dibromochloromethane	19.8	1.0	"	20.00		99.2	71.3-128		16.5	R1
Chlorobenzene	20.1	1.0	"	20.00		101	84.4-122		15.8	
1,1,1,2-Tetrachloroethane	20.2	1.0	"	20.00		101	83.4-120		10.6	
Ethylbenzene	20.3	1.0	"	20.00		102	84.1-125		16.3	
m,p-Xylenes	40.8	2.0	"	40.00		102	85.1-125		14.1	
o-Xylene	20.4	1.0	"	20.00		102	82.8-122		14.3	

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Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
LCS (1115099-BS1)				Prepared & Analyzed: 04/06/2011						
Styrene	19.7	1.0	ug/L	20.00		98.7	80.5-119		19.8	
Bromoform	20.3	1.0	"	20.00		101	54.9-141		17.3	
Isopropylbenzene (Cumene)	20.6	1.0	"	20.00		103	91-122		12.4	
1,1,2,2-Tetrachloroethane	19.1	1.0	"	20.00		95.6	79-136		17	
1,2,3-Trichloropropane	19.4	1.0	"	20.00		97.2	92.7-130		15.2	R4
Bromobenzene	19.8	1.0	"	20.00		99.0	86.1-133		11.3	M5
Propylbenzene	20.4	1.0	"	20.00		102	85.5-130		11.9	
2-Chlorotoluene	20.0	1.0	"	20.00		99.8	90.6-128		12.4	
1,3,5-Trimethylbenzene	20.2	1.0	"	20.00		101	92.7-116		6.82	
4-Chlorotoluene	20.3	1.0	"	20.00		101	84-128		13.9	
tert-Butylbenzene	20.3	1.0	"	20.00		102	87.4-124		15.7	
1,2,4-Trimethylbenzene	20.8	1.0	"	20.00		104	94.6-109		12.7	
sec-Butylbenzene	20.5	1.0	"	20.00		102	78.2-125		17.5	
4-Isopropyltoluene	20.4	1.0	"	20.00		102	86.6-115		15.9	M3
1,3-Dichlorobenzene	20.0	1.0	"	20.00		100	79.5-120		13.5	
1,4-Dichlorobenzene	20.0	1.0	"	20.00		99.8	80.2-119		14.7	
trans-1,4-Dichloro-2-butene	18.3	5.0	"	20.00		91.5	17.7-187		13.6	
Butylbenzene	20.0	1.0	"	20.00		100	86.1-123		16.6	
1,2-Dichlorobenzene	20.0	1.0	"	20.00		100	77.7-121		13.1	
1,2-Dibromo-3-chloropropane	18.9	5.0	"	20.00		94.6	63.5-157		26.1	
1,2,4-Trichlorobenzene	19.8	5.0	"	20.00		99.1	58.4-142		18.5	
Hexachlorobutadiene	20.0	5.0	"	20.00		99.9	46.7-140		22.9	
Naphthalene	20.0	1.0	"	20.00		99.9	20-187		52.2	
1,2,3-Trichlorobenzene	19.5	5.0	"	20.00		97.7	40.3-152		38.9	
Surrogate: Dibromofluoromethane	*25.4*		"	*25.00*		*101*	*90.8-116*			*R1*
Surrogate: 1,2-Dichloroethane-d4	*25.1*		"	*25.00*		*100*	*77.8-136*			
Surrogate: Toluene-d8	*24.1*		"	*25.00*		*96.3*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.7*		"	*25.00*		*98.8*	*80.8-127*			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
LCS Dup (1115099-BSD1)				Prepared & Analyzed: 04/06/2011						
Dichlorodifluoromethane	19.2	1.0	ug/L	20.00		96.0	61.5-133	9.75	16.5	
Chloromethane	17.4	1.0	"	20.00		87.2	43-163	8.15	11.2	
Vinyl chloride	16.9	1.0	"	20.00		84.6	68.9-132	10.0	12.8	
Bromomethane	13.9	5.0	"	20.00		69.4	21.9-169	0.575	19.8	L3
Chloroethane	18.2	1.0	"	20.00		91.0	68.1-132	8.47	20.3	
Trichlorofluoromethane	15.1	1.0	"	20.00		75.7	63-138	24.8	11.8	R1
1,1-Dichloroethene	19.1	1.0	"	20.00		95.5	69.3-154	6.44	15.7	
Acetone	97.5	25	"	100.0		97.5	73.6-143	3.41	17.4	
Iodomethane	25.5	1.0	"	20.00		128	60.3-147	7.99	16.4	
Carbon disulfide	20.1	1.0	"	20.00		101	58.7-145	4.61	15	
Allyl Chloride (3-Chloropropylene)	13.0	1.0	"	20.00		65.0	72.2-136	54.2	11.7	
Acetonitrile	18.1	5.0	"	20.00		90.4	75.4-150	16.7	49.4	
Methylene Chloride	18.2	5.0	"	20.00		90.8	71.8-143	6.29	15.7	
Methyl-tert-Butyl Ether	20.4	1.0	"	20.00		102	70.8-132	2.66	13.9	
trans-1,2-Dichloroethene	18.6	1.0	"	20.00		93.2	87.7-128	8.43	15.8	
1,1-Dichloroethane	19.2	1.0	"	20.00		96.1	88.4-124	5.81	14.6	
Chloroprene	19.9	1.0	"	20.00		99.6	87.2-129	7.53	14	
2,2-Dichloropropane	18.9	5.0	"	20.00		94.6	62.9-125	19.6	13.7	R2
cis-1,2-Dichloroethene	18.5	1.0	"	20.00		92.6	83.5-130	8.58	13	
2-Butanone	95.2	5.0	"	100.0		95.2	74.4-148	0.848	11.9	
Chloroform	18.2	1.0	"	20.00		90.8	83.9-123	11.8	14.9	
Bromochloromethane	21.6	1.0	"	20.00		108	66.9-147	0.231	14.6	
1,1,1-Trichloroethane	18.8	1.0	"	20.00		94.0	82.2-130	7.67	15.5	
1,1-Dichloropropene	19.7	1.0	"	20.00		98.6	87.5-120	5.53	13.3	
Carbon Tetrachloride	14.7	1.0	"	20.00		73.3	29.7-165	37.7	21.2	R1
Benzene	19.3	1.0	"	20.00		96.4	83.5-121	4.86	14.8	
1,2-Dichloroethane	18.8	1.0	"	20.00		93.8	78.4-135	7.59	11.8	
Trichloroethene	20.0	1.0	"	20.00		99.9	72.2-143	2.03	18.3	
1,2-Dichloropropane	19.2	1.0	"	20.00		95.9	82.9-126	3.48	15	
Bromodichloromethane	16.9	1.0	"	20.00		84.4	80.6-123	19.0	12.8	R1
Methyl Methacrylate	19.7	1.0	"	20.00		98.4	75.3-154	3.15	17.4	
Dibromomethane	20.9	2.0	"	20.00		105	78.1-134	1.42	15.9	
2-Chloroethyl Vinyl Ether	12.5	1.0	"	10.00		125	63.8-141	16.8	17.6	L2, V1
Methyl Isobutyl Ketone	103	5.0	"	100.0		103	79-145	0.378	13.7	R4
cis-1,3-Dichloropropene	18.9	1.0	"	20.00		94.4	75.5-125	8.18	14.2	

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
LCS Dup (1115099-BSD1)				Prepared & Analyzed: 04/06/2011						
Toluene	20.0	1.0	ug/L	20.00		100	83.2-123	2.71	15.2	
trans-1,3-Dichloropropene	18.0	1.0	"	20.00		90.2	68.6-131	11.1	12.7	
1,1,2-Trichloroethane	20.0	1.0	"	20.00		100	76.1-131	1.98	16.6	
2-Hexanone	102	5.0	"	100.0		102	76.4-144	0.726	14.5	
1,2-Dibromoethane	20.4	1.0	"	20.00		102	87-124	0.780	10.9	
Tetrachloroethene	20.4	1.0	"	20.00		102	57.7-158	2.28	20.7	
1,3-Dichloropropane	18.9	1.0	"	20.00		94.4	88.9-128	4.45	12.4	
Dibromochloromethane	16.9	1.0	"	20.00		84.4	71.3-128	16.2	16.5	R1
Chlorobenzene	19.4	1.0	"	20.00		97.0	84.4-122	3.70	15.8	
1,1,1,2-Tetrachloroethane	18.7	1.0	"	20.00		93.6	83.4-120	7.46	10.6	
Ethylbenzene	19.3	1.0	"	20.00		96.4	84.1-125	5.10	16.3	
m,p-Xylenes	38.5	2.0	"	40.00		96.2	85.1-125	5.81	14.1	
o-Xylene	19.5	1.0	"	20.00		97.7	82.8-122	4.26	14.3	
Styrene	19.8	1.0	"	20.00		98.8	80.5-119	0.101	19.8	
Bromoform	17.4	1.0	"	20.00		87.2	54.9-141	15.2	17.3	
Isopropylbenzene (Cumene)	19.1	1.0	"	20.00		95.4	91-122	7.56	12.4	
1,1,2,2-Tetrachloroethane	18.2	1.0	"	20.00		90.8	79-136	5.15	17	
1,2,3-Trichloropropane	19.4	1.0	"	20.00		97.2	92.7-130	0.0514	15.2	R4
Bromobenzene	18.5	1.0	"	20.00		92.3	86.1-133	7.00	11.3	M5
Propylbenzene	18.7	1.0	"	20.00		93.3	85.5-130	9.01	11.9	
2-Chlorotoluene	18.9	1.0	"	20.00		94.6	90.6-128	5.40	12.4	
1,3,5-Trimethylbenzene	19.2	1.0	"	20.00		96.1	92.7-116	4.92	6.82	
4-Chlorotoluene	19.1	1.0	"	20.00		95.6	84-128	5.89	13.9	
tert-Butylbenzene	19.2	1.0	"	20.00		96.2	87.4-124	5.41	15.7	
1,2,4-Trimethylbenzene	19.2	1.0	"	20.00		96.2	94.6-109	7.60	12.7	
sec-Butylbenzene	19.2	1.0	"	20.00		95.8	78.2-125	6.81	17.5	
4-Isopropyltoluene	56.4	1.0	"	20.00		282	86.6-115	93.8	15.9	M3
1,3-Dichlorobenzene	19.1	1.0	"	20.00		95.6	79.5-120	4.70	13.5	
1,4-Dichlorobenzene	19.2	1.0	"	20.00		95.9	80.2-119	4.04	14.7	
trans-1,4-Dichloro-2-butene	16.4	5.0	"	20.00		81.9	17.7-187	11.1	13.6	
Butylbenzene	18.3	1.0	"	20.00		91.7	86.1-123	8.61	16.6	
1,2-Dichlorobenzene	19.4	1.0	"	20.00		97.1	77.7-121	2.99	13.1	
1,2-Dibromo-3-chloropropane	19.9	5.0	"	20.00		99.3	63.5-157	4.85	26.1	
1,2,4-Trichlorobenzene	20.2	5.0	"	20.00		101	58.4-142	2.00	18.5	
Hexachlorobutadiene	19.4	5.0	"	20.00		96.8	46.7-140	3.15	22.9	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
LCS Dup (1115099-BSD1)				Prepared & Analyzed: 04/06/2011						
Naphthalene	21.1	1.0	ug/L	20.00		106	20-187	5.45	52.2	
1,2,3-Trichlorobenzene	19.7	5.0	"	20.00		98.7	40.3-152	1.02	38.9	
Surrogate: Dibromofluoromethane	*22.4*		*"*	*25.00*		*89.6*	*90.8-116*			*R1*
Surrogate: 1,2-Dichloroethane-d4	*24.0*		*"*	*25.00*		*96.0*	*77.8-136*			
Surrogate: Toluene-d8	*24.4*		*"*	*25.00*		*97.8*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.5*		*"*	*25.00*		*98.0*	*80.8-127*			
Matrix Spike (1115099-MS1)	**Source: 11C1643-02**			Prepared & Analyzed: 04/06/2011						
Dichlorodifluoromethane	19.8	1.0	ug/L	20.00	ND	99.2	57.9-110		8.31	
Chloromethane	17.0	1.0	"	20.00	ND	84.8	28.7-183		10.6	
Vinyl chloride	18.2	1.0	"	20.00	ND	90.8	68.1-136		7.43	
Bromomethane	15.6	5.0	"	20.00	ND	78.2	10.2-178		11.6	L3
Chloroethane	20.0	1.0	"	20.00	ND	99.8	65.9-136		8.48	
Trichlorofluoromethane	19.1	1.0	"	20.00	ND	95.4	58.6-130		9.61	R1
1,1-Dichloroethene	20.2	1.0	"	20.00	ND	101	58-178		8.44	
Acetone	102	25	"	100.0	ND	102	80.5-173		6.01	
Iodomethane	27.0	1.0	"	20.00	0.00	135	45.3-165		19.4	
Carbon disulfide	20.6	1.0	"	20.00	ND	103	59.5-154		12.3	
Allyl Chloride (3-Chloropropylene)	22.2	1.0	"	20.00	ND	111	63.7-149		13.5	
Acetonitrile	18.7	5.0	"	20.00	ND	93.6	84.7-159		7.62	
Methylene Chloride	18.8	5.0	"	20.00	ND	93.9	59.4-168		11.2	
Methyl-tert-Butyl Ether	21.3	1.0	"	20.00	ND	106	70.4-155		23.6	
trans-1,2-Dichloroethene	19.5	1.0	"	20.00	ND	97.5	72.3-161		8.19	
1,1-Dichloroethane	19.7	1.0	"	20.00	ND	98.3	73.6-157		7.21	
Chloroprene	20.3	1.0	"	20.00	ND	102	82.6-148		8.66	
2,2-Dichloropropane	20.0	5.0	"	20.00	ND	100	-5.41-170		13.2	R2
cis-1,2-Dichloroethene	19.3	1.0	"	20.00	ND	96.6	74.3-157		9.33	
2-Butanone	101	5.0	"	100.0	ND	101	67.8-193		6.75	
Chloroform	19.4	1.0	"	20.00	0.310	95.7	68.8-152		6.51	
Bromochloromethane	22.0	1.0	"	20.00	ND	110	58.4-170		8.05	
1,1,1-Trichloroethane	19.8	1.0	"	20.00	ND	99.0	72.7-159		7.88	
1,1-Dichloropropene	20.8	1.0	"	20.00	ND	104	89.6-126		8.37	
Carbon Tetrachloride	20.4	1.0	"	20.00	ND	102	31-172		12.3	R1
Benzene	20.1	1.0	"	20.00	ND	101	67.9-156		6.37	
1,2-Dichloroethane	19.4	1.0	"	20.00	ND	96.9	70-163		16.2	
Trichloroethene	20.3	1.0	"	20.00	ND	101	59.5-183		9.7	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
Matrix Spike (1115099-MS1)	**Source: 11C1643-02**			Prepared & Analyzed: 04/06/2011						
1,2-Dichloropropane	20.2	1.0	ug/L	20.00	ND	101	66.5-158		9.22	
Bromodichloromethane	19.4	1.0	"	20.00	ND	96.8	72.2-149		12.1	R1
Methyl Methacrylate	20.8	1.0	"	20.00	ND	104	77.5-162		6.85	
Dibromomethane	21.8	2.0	"	20.00	ND	109	66.8-158		7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	L2, V1, U
Methyl Isobutyl Ketone	111	5.0	"	100.0	ND	111	79.3-166		5.26	R4
cis-1,3-Dichloropropene	20.1	1.0	"	20.00	ND	100	44.7-160		8.49	
Toluene	20.9	1.0	"	20.00	ND	104	61.8-160		6.78	
trans-1,3-Dichloropropene	19.5	1.0	"	20.00	ND	97.6	39.4-166		18.7	
1,1,2-Trichloroethane	20.9	1.0	"	20.00	ND	104	72.6-153		20.8	
2-Hexanone	112	5.0	"	100.0	ND	112	80.1-168		6.91	
1,2-Dibromoethane	21.1	1.0	"	20.00	ND	106	76.7-150		6.77	
Tetrachloroethene	22.2	1.0	"	20.00	2.21	100	61.7-160		7.81	
1,3-Dichloropropane	19.7	1.0	"	20.00	ND	98.4	87.3-145		7.65	
Dibromochloromethane	19.4	1.0	"	20.00	ND	96.8	66.3-147		16.1	R1
Chlorobenzene	20.3	1.0	"	20.00	ND	102	74.2-149		8.07	
1,1,1,2-Tetrachloroethane	19.7	1.0	"	20.00	ND	98.7	82-131		9.97	
Ethylbenzene	20.1	1.0	"	20.00	ND	100	75.8-151		7.84	
m,p-Xylenes	39.9	2.0	"	40.00	ND	99.7	63.1-168		7.04	
o-Xylene	20.4	1.0	"	20.00	ND	102	70.9-152		5.28	
Styrene	20.5	1.0	"	20.00	ND	102	76.4-129		5.47	
Bromoform	20.4	1.0	"	20.00	ND	102	33.8-185		19.7	
Isopropylbenzene (Cumene)	20.3	1.0	"	20.00	ND	101	65.3-163		8.15	
1,1,2,2-Tetrachloroethane	19.5	1.0	"	20.00	ND	97.4	90.6-150		10.4	
1,2,3-Trichloropropane	20.4	1.0	"	20.00	ND	102	99.9-148		3.74	R4
Bromobenzene	19.2	1.0	"	20.00	ND	96.1	99-142		9.89	M5
Propylbenzene	19.7	1.0	"	20.00	ND	98.6	65.7-188		8.46	
2-Chlorotoluene	19.5	1.0	"	20.00	ND	97.6	74.8-151		9.89	
1,3,5-Trimethylbenzene	20.0	1.0	"	20.00	ND	100	72.1-139		8.34	
4-Chlorotoluene	19.8	1.0	"	20.00	ND	99.0	74.5-148		10.5	
tert-Butylbenzene	20.5	1.0	"	20.00	ND	102	93.5-125		11.6	
1,2,4-Trimethylbenzene	20.3	1.0	"	20.00	ND	102	75.5-135		12.1	
sec-Butylbenzene	21.4	1.0	"	20.00	ND	107	93.2-130		9.52	
4-Isopropyltoluene	38.8	1.0	"	20.00	ND	194	-5.12-183		11.3	L2, M3
1,3-Dichlorobenzene	20.1	1.0	"	20.00	ND	100	67.7-147		9.61	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
Matrix Spike (1115099-MS1)	**Source: 11C1643-02**			Prepared & Analyzed: 04/06/2011						
1,4-Dichlorobenzene	19.9	1.0	ug/L	20.00	ND	99.3	70.3-145		10.4	
trans-1,4-Dichloro-2-butene	18.2	5.0	"	20.00	ND	90.8	53.7-134		11.7	
Butylbenzene	19.3	1.0	"	20.00	ND	96.5	44.3-161		11.5	
1,2-Dichlorobenzene	20.0	1.0	"	20.00	ND	99.8	71.8-143		9.9	
1,2-Dibromo-3-chloropropane	21.8	5.0	"	20.00	ND	109	98.3-143		20.7	
1,2,4-Trichlorobenzene	20.7	5.0	"	20.00	ND	104	86.9-156		11.2	
Hexachlorobutadiene	20.5	5.0	"	20.00	ND	102	44.5-164		12	
Naphthalene	22.6	1.0	"	20.00	ND	113	51-212		43.2	
1,2,3-Trichlorobenzene	21.1	5.0	"	20.00	ND	106	41.1-197		25.7	
Surrogate: Dibromofluoromethane	*24.2*		*"*	*25.00*		*96.8*	*90.8-116*			*R1*
Surrogate: 1,2-Dichloroethane-d4	*24.2*		*"*	*25.00*		*96.6*	*77.8-136*			
Surrogate: Toluene-d8	*24.5*		*"*	*25.00*		*97.8*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.5*		*"*	*25.00*		*98.2*	*80.8-127*			
Matrix Spike Dup (1115099-MSD1)	**Source: 11C1643-02**			Prepared & Analyzed: 04/06/2011						
Dichlorodifluoromethane	19.9	1.0	ug/L	20.00	ND	99.7	57.9-110	0.503	8.31	
Chloromethane	17.4	1.0	"	20.00	ND	86.9	28.7-183	2.39	10.6	
Vinyl chloride	18.3	1.0	"	20.00	ND	91.6	68.1-136	0.877	7.43	
Bromomethane	15.8	5.0	"	20.00	ND	78.8	10.2-178	0.701	11.6	L3
Chloroethane	20.0	1.0	"	20.00	ND	99.8	65.9-136	0.0501	8.48	
Trichlorofluoromethane	20.0	1.0	"	20.00	ND	99.9	58.6-130	4.66	9.61	R1
1,1-Dichloroethene	20.2	1.0	"	20.00	ND	101	58-178	0.0992	8.44	
Acetone	98.5	25	"	100.0	ND	98.5	80.5-173	3.23	6.01	
Iodomethane	27.4	1.0	"	20.00	0.00	137	45.3-165	1.36	19.4	
Carbon disulfide	20.6	1.0	"	20.00	ND	103	59.5-154	0.340	12.3	
Allyl Chloride (3-Chloropropylene)	21.2	1.0	"	20.00	ND	106	63.7-149	4.24	13.5	
Acetonitrile	19.2	5.0	"	20.00	ND	95.8	84.7-159	2.32	7.62	
Methylene Chloride	18.7	5.0	"	20.00	ND	93.4	59.4-168	0.587	11.2	
Methyl-tert-Butyl Ether	20.8	1.0	"	20.00	ND	104	70.4-155	2.09	23.6	
trans-1,2-Dichloroethene	19.8	1.0	"	20.00	ND	99.0	72.3-161	1.53	8.19	
1,1-Dichloroethane	19.7	1.0	"	20.00	ND	98.4	73.6-157	0.0509	7.21	
Chloroprene	20.5	1.0	"	20.00	ND	103	82.6-148	0.931	8.66	
2,2-Dichloropropane	19.7	5.0	"	20.00	ND	98.6	-5.41-170	1.66	13.2	R2
cis-1,2-Dichloroethene	19.0	1.0	"	20.00	ND	95.2	74.3-157	1.46	9.33	
2-Butanone	95.9	5.0	"	100.0	ND	95.9	67.8-193	5.22	6.75	
Chloroform	19.4	1.0	"	20.00	0.310	95.2	68.8-152	0.464	6.51	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
Matrix Spike Dup (1115099-MSD1)	**Source: 11C1643-02**			Prepared & Analyzed: 04/06/2011						
Bromochloromethane	22.2	1.0	ug/L	20.00	ND	111	58.4-170	0.723	8.05	
1,1,1-Trichloroethane	20.4	1.0	"	20.00	ND	102	72.7-159	3.08	7.88	
1,1-Dichloropropene	20.9	1.0	"	20.00	ND	104	89.6-126	0.288	8.37	
Carbon Tetrachloride	20.6	1.0	"	20.00	ND	103	31-172	1.12	12.3	R1
Benzene	20.1	1.0	"	20.00	ND	101	67.9-156	0.149	6.37	
1,2-Dichloroethane	19.4	1.0	"	20.00	ND	97.2	70-163	0.309	16.2	
Trichloroethene	20.5	1.0	"	20.00	ND	102	59.5-183	0.981	9.7	
1,2-Dichloropropane	20.2	1.0	"	20.00	ND	101	66.5-158	0.396	9.22	
Bromodichloromethane	19.6	1.0	"	20.00	ND	97.8	72.2-149	1.08	12.1	R1
Methyl Methacrylate	19.8	1.0	"	20.00	ND	99.1	77.5-162	4.63	6.85	
Dibromomethane	21.1	2.0	"	20.00	ND	106	66.8-158	3.26	7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	L2, V1, U
Methyl Isobutyl Ketone	104	5.0	"	100.0	ND	104	79.3-166	5.82	5.26	R4
cis-1,3-Dichloropropene	19.9	1.0	"	20.00	ND	99.5	44.7-160	0.900	8.49	
Toluene	20.7	1.0	"	20.00	ND	103	61.8-160	0.962	6.78	
trans-1,3-Dichloropropene	19.1	1.0	"	20.00	ND	95.6	39.4-166	2.17	18.7	
1,1,2-Trichloroethane	20.6	1.0	"	20.00	ND	103	72.6-153	1.20	20.8	
2-Hexanone	105	5.0	"	100.0	ND	105	80.1-168	6.07	6.91	
1,2-Dibromoethane	20.5	1.0	"	20.00	ND	102	76.7-150	3.22	6.77	
Tetrachloroethene	22.7	1.0	"	20.00	2.21	102	61.7-160	2.14	7.81	
1,3-Dichloropropane	19.3	1.0	"	20.00	ND	96.6	87.3-145	1.74	7.65	
Dibromochloromethane	19.6	1.0	"	20.00	ND	97.8	66.3-147	1.08	16.1	R1
Chlorobenzene	20.3	1.0	"	20.00	ND	102	74.2-149	0.0985	8.07	
1,1,1,2-Tetrachloroethane	20.1	1.0	"	20.00	ND	100	82-131	1.71	9.97	
Ethylbenzene	20.4	1.0	"	20.00	ND	102	75.8-151	1.53	7.84	
m,p-Xylenes	40.8	2.0	"	40.00	ND	102	63.1-168	2.26	7.04	
o-Xylene	20.4	1.0	"	20.00	ND	102	70.9-152	0.343	5.28	
Styrene	20.6	1.0	"	20.00	ND	103	76.4-129	0.390	5.47	
Bromoform	20.0	1.0	"	20.00	ND	99.8	33.8-185	2.03	19.7	
Isopropylbenzene (Cumene)	20.5	1.0	"	20.00	ND	103	65.3-163	1.28	8.15	
1,1,2,2-Tetrachloroethane	19.1	1.0	"	20.00	ND	95.4	90.6-150	2.07	10.4	
1,2,3-Trichloropropane	19.4	1.0	"	20.00	ND	97.2	99.9-148	4.87	3.74	R4
Bromobenzene	19.5	1.0	"	20.00	ND	97.4	99-142	1.29	9.89	M5
Propylbenzene	19.9	1.0	"	20.00	ND	99.4	65.7-188	0.808	8.46	
2-Chlorotoluene	19.6	1.0	"	20.00	ND	98.0	74.8-151	0.409	9.89	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115099 - EPA 5030B										
Matrix Spike Dup (1115099-MSD1)	**Source: 11C1643-02**			Prepared & Analyzed: 04/06/2011						
1,3,5-Trimethylbenzene	20.3	1.0	ug/L	20.00	ND	102	72.1-139	1.64	8.34	
4-Chlorotoluene	19.9	1.0	"	20.00	ND	99.4	74.5-148	0.403	10.5	
tert-Butylbenzene	20.7	1.0	"	20.00	ND	104	93.5-125	1.26	11.6	
1,2,4-Trimethylbenzene	20.6	1.0	"	20.00	ND	103	75.5-135	1.37	12.1	
sec-Butylbenzene	21.8	1.0	"	20.00	ND	109	93.2-130	1.94	9.52	
4-Isopropyltoluene	30.3	1.0	"	20.00	ND	152	-5.12-183	24.6	11.3	L2, M3
1,3-Dichlorobenzene	20.4	1.0	"	20.00	ND	102	67.7-147	1.73	9.61	
1,4-Dichlorobenzene	20.2	1.0	"	20.00	ND	101	70.3-145	1.45	10.4	
trans-1,4-Dichloro-2-butene	17.3	5.0	"	20.00	ND	86.6	53.7-134	4.62	11.7	
Butylbenzene	20.3	1.0	"	20.00	ND	102	44.3-161	5.20	11.5	
1,2-Dichlorobenzene	20.6	1.0	"	20.00	ND	103	71.8-143	3.06	9.9	
1,2-Dibromo-3-chloropropane	21.0	5.0	"	20.00	ND	105	98.3-143	3.93	20.7	
1,2,4-Trichlorobenzene	21.4	5.0	"	20.00	ND	107	86.9-156	3.23	11.2	
Hexachlorobutadiene	21.4	5.0	"	20.00	ND	107	44.5-164	4.68	12	
Naphthalene	22.5	1.0	"	20.00	ND	112	51-212	0.664	43.2	
1,2,3-Trichlorobenzene	21.2	5.0	"	20.00	ND	106	41.1-197	0.378	25.7	
Surrogate: Dibromofluoromethane	*23.9*		*"*	*25.00*		*95.5*	*90.8-116*			*R1*
Surrogate: 1,2-Dichloroethane-d4	*24.0*		*"*	*25.00*		*95.8*	*77.8-136*			
Surrogate: Toluene-d8	*24.4*		*"*	*25.00*		*97.6*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*"*	*25.00*		*96.8*	*80.8-127*			
Batch 1115148 - EPA 5030B										
Blank (1115148-BLK1)				Prepared & Analyzed: 04/07/2011						
Dichlorodifluoromethane	ND	1.0	ug/L							U
Chloromethane	ND	1.0	"							U
Vinyl chloride	ND	1.0	"							U
Bromomethane	ND	5.0	"							U
Chloroethane	ND	1.0	"							U
Trichlorofluoromethane	ND	1.0	"							R1, U
Acrolein	ND	10	"							U
1,1-Dichloroethene	ND	1.0	"							U
Acetone	ND	25	"							U
Iodomethane	ND	1.0	"							V1, U
Carbon disulfide	ND	1.0	"							U
Allyl Chloride (3-Chloropropylene)	ND	1.0	"							V6, L3, U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
Blank (1115148-BLK1)				Prepared & Analyzed: 04/07/2011						
Acetonitrile	ND	5.0	ug/L							U
Methylene Chloride	0.790	5.0	"							J
Methyl-tert-Butyl Ether	ND	1.0	"							U
trans-1,2-Dichloroethene	ND	1.0	"							U
Acrylonitrile	ND	5.0	"							U
1,1-Dichloroethane	ND	1.0	"							U
Chloroprene	ND	1.0	"							U
2,2-Dichloropropane	ND	5.0	"							U
cis-1,2-Dichloroethene	ND	1.0	"							U
2-Butanone	ND	5.0	"							R1, U
Propionitrile (Ethyl Cyanide)	ND	5.0	"							U
Methacrylonitrile	ND	5.0	"							U
Chloroform	ND	1.0	"							U
Bromochloromethane	ND	1.0	"							U
1,1,1-Trichloroethane	ND	1.0	"							U
1,1-Dichloropropene	ND	1.0	"							U
Carbon Tetrachloride	ND	1.0	"							U
Benzene	ND	1.0	"							U
1,2-Dichloroethane	ND	1.0	"							U
Trichloroethene	ND	1.0	"							U
1,2-Dichloropropane	ND	1.0	"							U
Bromodichloromethane	ND	1.0	"							U
Methyl Methacrylate	ND	1.0	"							U
Dibromomethane	ND	2.0	"							U
2-Chloroethyl Vinyl Ether	ND	1.0	"							V6, U
Methyl Isobutyl Ketone	ND	5.0	"							U
cis-1,3-Dichloropropene	ND	1.0	"							U
Toluene	ND	1.0	"							U
trans-1,3-Dichloropropene	ND	1.0	"							U
Ethyl Methacrylate	ND	1.0	"							U
1,1,2-Trichloroethane	ND	1.0	"							U
2-Hexanone	ND	5.0	"							R1, U
1,2-Dibromoethane	ND	1.0	"							U
Tetrachloroethene	ND	1.0	"							M6, U
1,3-Dichloropropane	ND	1.0	"							U

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
Blank (1115148-BLK1)				Prepared & Analyzed: 04/07/2011						
Dibromochloromethane	ND	1.0	ug/L							U
Chlorobenzene	ND	1.0	"							U
1,1,1,2-Tetrachloroethane	ND	1.0	"							U
Ethylbenzene	ND	1.0	"							U
m,p-Xylenes	ND	2.0	"							U
o-Xylene	ND	1.0	"							U
Styrene	ND	1.0	"							U
Bromoform	ND	1.0	"							U
Isopropylbenzene (Cumene)	ND	1.0	"							U
1,1,2,2-Tetrachloroethane	ND	1.0	"							U
1,2,3-Trichloropropane	ND	1.0	"							U
Bromobenzene	ND	1.0	"							U
Propylbenzene	ND	1.0	"							U
2-Chlorotoluene	ND	1.0	"							U
1,3,5-Trimethylbenzene	ND	1.0	"							U
4-Chlorotoluene	ND	1.0	"							U
tert-Butylbenzene	ND	1.0	"							U
1,2,4-Trimethylbenzene	ND	1.0	"							U
sec-Butylbenzene	ND	1.0	"							U
4-Isopropyltoluene	1.60	1.0	"							B, M6
1,3-Dichlorobenzene	ND	1.0	"							U
1,4-Dichlorobenzene	ND	1.0	"							U
trans-1,4-Dichloro-2-butene	ND	5.0	"							U
Butylbenzene	ND	1.0	"							U
1,2-Dichlorobenzene	ND	1.0	"							U
1,2-Dibromo-3-chloropropane	ND	5.0	"							M10, U
1,2,4-Trichlorobenzene	ND	5.0	"							U
Hexachlorobutadiene	ND	5.0	"							U
Naphthalene	ND	1.0	"							U
1,2,3-Trichlorobenzene	ND	5.0	"							U
Total Xylenes	ND	3.0	"							U
Surrogate: Dibromofluoromethane	*22.8*		*"*	*25.00*		*91.2*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*25.3*		*"*	*25.00*		*101*	*77.8-136*			
Surrogate: Toluene-d8	*24.5*		*"*	*25.00*		*97.8*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.0*		*"*	*25.00*		*96.0*	*80.8-127*			

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
LCS (1115148-BS1)				Prepared & Analyzed: 04/07/2011						
Dichlorodifluoromethane	20.5	1.0	ug/L	20.00		102	61.5-133		16.5	
Chloromethane	16.6	1.0	"	20.00		83.2	43-163		11.2	
Vinyl chloride	19.1	1.0	"	20.00		95.6	68.9-132		12.8	
Bromomethane	18.9	5.0	"	20.00		94.7	21.9-169		19.8	
Chloroethane	19.7	1.0	"	20.00		98.4	68.1-132		20.3	
Trichlorofluoromethane	16.0	1.0	"	20.00		80.2	63-138		11.8	R1
1,1-Dichloroethene	19.6	1.0	"	20.00		98.2	69.3-154		15.7	
Acetone	93.1	25	"	100.0		93.1	73.6-143		17.4	
Iodomethane	25.2	1.0	"	20.00		126	60.3-147		16.4	V1
Carbon disulfide	19.9	1.0	"	20.00		99.3	58.7-145		15	
Allyl Chloride (3-Chloropropylene)	11.7	1.0	"	20.00		58.4	72.2-136		11.7	L3, V6
Acetonitrile	16.8	5.0	"	20.00		84.0	75.4-150		49.4	
Methylene Chloride	19.1	5.0	"	20.00		95.7	71.8-143		15.7	
Methyl-tert-Butyl Ether	20.3	1.0	"	20.00		102	70.8-132		13.9	
trans-1,2-Dichloroethene	19.1	1.0	"	20.00		95.6	87.7-128		15.8	
1,1-Dichloroethane	18.7	1.0	"	20.00		93.3	88.4-124		14.6	
Chloroprene	20.8	1.0	"	20.00		104	87.2-129		14	
2,2-Dichloropropane	16.1	5.0	"	20.00		80.6	62.9-125		13.7	
cis-1,2-Dichloroethene	18.7	1.0	"	20.00		93.6	83.5-130		13	
2-Butanone	87.8	5.0	"	100.0		87.8	74.4-148		11.9	R1
Chloroform	18.2	1.0	"	20.00		91.1	83.9-123		14.9	
Bromochloromethane	21.5	1.0	"	20.00		108	66.9-147		14.6	
1,1,1-Trichloroethane	19.8	1.0	"	20.00		99.0	82.2-130		15.5	
1,1-Dichloropropene	20.5	1.0	"	20.00		102	87.5-120		13.3	
Carbon Tetrachloride	17.9	1.0	"	20.00		89.3	29.7-165		21.2	
Benzene	19.4	1.0	"	20.00		96.8	83.5-121		14.8	
1,2-Dichloroethane	19.3	1.0	"	20.00		96.4	78.4-135		11.8	
Trichloroethene	20.4	1.0	"	20.00		102	72.2-143		18.3	
1,2-Dichloropropane	19.6	1.0	"	20.00		98.0	82.9-126		15	
Bromodichloromethane	18.2	1.0	"	20.00		91.2	80.6-123		12.8	
Methyl Methacrylate	18.8	1.0	"	20.00		94.2	75.3-154		17.4	
Dibromomethane	19.8	2.0	"	20.00		98.9	78.1-134		15.9	
2-Chloroethyl Vinyl Ether	7.73	1.0	"	10.00		77.3	63.8-141		17.6	V6
Methyl Isobutyl Ketone	93.9	5.0	"	100.0		93.9	79-145		13.7	
cis-1,3-Dichloropropene	19.6	1.0	"	20.00		98.2	75.5-125		14.2	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
LCS (1115148-BS1)				Prepared & Analyzed: 04/07/2011						
Toluene	20.1	1.0	ug/L	20.00		101	83.2-123		15.2	
trans-1,3-Dichloropropene	18.5	1.0	"	20.00		92.3	68.6-131		12.7	
1,1,2-Trichloroethane	19.9	1.0	"	20.00		99.4	76.1-131		16.6	
2-Hexanone	91.6	5.0	"	100.0		91.6	76.4-144		14.5	R1
1,2-Dibromoethane	19.5	1.0	"	20.00		97.3	87-124		10.9	
Tetrachloroethene	20.4	1.0	"	20.00		102	57.7-158		20.7	M6
1,3-Dichloropropane	18.5	1.0	"	20.00		92.6	88.9-128		12.4	
Dibromochloromethane	18.0	1.0	"	20.00		90.2	71.3-128		16.5	
Chlorobenzene	19.7	1.0	"	20.00		98.3	84.4-122		15.8	
1,1,1,2-Tetrachloroethane	19.5	1.0	"	20.00		97.6	83.4-120		10.6	
Ethylbenzene	19.8	1.0	"	20.00		99.2	84.1-125		16.3	
m,p-Xylenes	40.0	2.0	"	40.00		100	85.1-125		14.1	
o-Xylene	20.4	1.0	"	20.00		102	82.8-122		14.3	
Styrene	20.5	1.0	"	20.00		102	80.5-119		19.8	
Bromoform	17.9	1.0	"	20.00		89.7	54.9-141		17.3	
Isopropylbenzene (Cumene)	19.7	1.0	"	20.00		98.4	91-122		12.4	
1,1,2,2-Tetrachloroethane	17.0	1.0	"	20.00		85.0	79-136		17	
1,2,3-Trichloropropane	17.4	1.0	"	20.00		87.2	92.7-130		15.2	
Bromobenzene	18.8	1.0	"	20.00		93.8	86.1-133		11.3	
Propylbenzene	19.4	1.0	"	20.00		97.0	85.5-130		11.9	
2-Chlorotoluene	19.0	1.0	"	20.00		94.9	90.6-128		12.4	
1,3,5-Trimethylbenzene	19.7	1.0	"	20.00		98.7	92.7-116		6.82	
4-Chlorotoluene	19.3	1.0	"	20.00		96.7	84-128		13.9	
tert-Butylbenzene	19.6	1.0	"	20.00		98.0	87.4-124		15.7	
1,2,4-Trimethylbenzene	19.7	1.0	"	20.00		98.4	94.6-109		12.7	
sec-Butylbenzene	20.9	1.0	"	20.00		105	78.2-125		17.5	
4-Isopropyltoluene	22.2	1.0	"	20.00		111	86.6-115		15.9	B, M6
1,3-Dichlorobenzene	19.2	1.0	"	20.00		96.0	79.5-120		13.5	
1,4-Dichlorobenzene	19.4	1.0	"	20.00		96.9	80.2-119		14.7	
trans-1,4-Dichloro-2-butene	16.2	5.0	"	20.00		80.8	17.7-187		13.6	
Butylbenzene	19.5	1.0	"	20.00		97.7	86.1-123		16.6	
1,2-Dichlorobenzene	19.2	1.0	"	20.00		96.0	77.7-121		13.1	
1,2-Dibromo-3-chloropropane	17.3	5.0	"	20.00		86.3	63.5-157		26.1	M10
1,2,4-Trichlorobenzene	19.4	5.0	"	20.00		97.2	58.4-142		18.5	
Hexachlorobutadiene	20.6	5.0	"	20.00		103	46.7-140		22.9	

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
LCS (1115148-BS1)				Prepared & Analyzed: 04/07/2011						
Naphthalene	17.8	1.0	ug/L	20.00		89.0	20-187		52.2	
1,2,3-Trichlorobenzene	18.6	5.0	"	20.00		93.0	40.3-152		38.9	
Surrogate: Dibromofluoromethane	*22.8*		*"*	*25.00*		*91.2*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*24.2*		*"*	*25.00*		*96.7*	*77.8-136*			
Surrogate: Toluene-d8	*24.2*		*"*	*25.00*		*96.8*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.1*		*"*	*25.00*		*96.6*	*80.8-127*			
LCS Dup (1115148-BSD1)				Prepared & Analyzed: 04/07/2011						
Dichlorodifluoromethane	20.8	1.0	ug/L	20.00		104	61.5-133	1.69	16.5	
Chloromethane	16.3	1.0	"	20.00		81.6	43-163	1.94	11.2	
Vinyl chloride	20.0	1.0	"	20.00		100	68.9-132	4.80	12.8	
Bromomethane	21.3	5.0	"	20.00		106	21.9-169	11.6	19.8	
Chloroethane	20.1	1.0	"	20.00		101	68.1-132	2.16	20.3	
Trichlorofluoromethane	18.5	1.0	"	20.00		92.6	63-138	14.4	11.8	R1
1,1-Dichloroethene	19.8	1.0	"	20.00		99.0	69.3-154	0.913	15.7	
Acetone	97.6	25	"	100.0		97.6	73.6-143	4.70	17.4	
Iodomethane	20.6	1.0	"	20.00		103	60.3-147	20.0	16.4	V1
Carbon disulfide	20.2	1.0	"	20.00		101	58.7-145	1.55	15	
Allyl Chloride (3-Chloropropylene)	17.3	1.0	"	20.00		86.4	72.2-136	38.8	11.7	L3, V6
Acetonitrile	18.8	5.0	"	20.00		94.1	75.4-150	11.3	49.4	
Methylene Chloride	19.9	5.0	"	20.00		99.4	71.8-143	3.79	15.7	
Methyl-tert-Butyl Ether	20.2	1.0	"	20.00		101	70.8-132	0.641	13.9	
trans-1,2-Dichloroethene	19.8	1.0	"	20.00		99.2	87.7-128	3.75	15.8	
1,1-Dichloroethane	19.0	1.0	"	20.00		95.2	88.4-124	1.96	14.6	
Chloroprene	20.9	1.0	"	20.00		105	87.2-129	0.767	14	
2,2-Dichloropropane	16.7	5.0	"	20.00		83.6	62.9-125	3.71	13.7	
cis-1,2-Dichloroethene	19.5	1.0	"	20.00		97.6	83.5-130	4.18	13	
2-Butanone	99.9	5.0	"	100.0		99.9	74.4-148	12.9	11.9	R1
Chloroform	19.5	1.0	"	20.00		97.6	83.9-123	6.94	14.9	
Bromochloromethane	22.0	1.0	"	20.00		110	66.9-147	2.25	14.6	
1,1,1-Trichloroethane	20.0	1.0	"	20.00		100	82.2-130	1.10	15.5	
1,1-Dichloropropene	20.4	1.0	"	20.00		102	87.5-120	0.294	13.3	
Carbon Tetrachloride	20.4	1.0	"	20.00		102	29.7-165	13.2	21.2	
Benzene	20.2	1.0	"	20.00		101	83.5-121	4.24	14.8	
1,2-Dichloroethane	19.9	1.0	"	20.00		99.7	78.4-135	3.37	11.8	
Trichloroethene	20.6	1.0	"	20.00		103	72.2-143	0.683	18.3	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
LCS Dup (1115148-BSD1)				Prepared & Analyzed: 04/07/2011						
1,2-Dichloropropane	20.1	1.0	ug/L	20.00		100	82.9-126	2.42	15	
Bromodichloromethane	19.9	1.0	"	20.00		99.4	80.6-123	8.60	12.8	
Methyl Methacrylate	20.2	1.0	"	20.00		101	75.3-154	7.07	17.4	
Dibromomethane	20.4	2.0	"	20.00		102	78.1-134	3.23	15.9	
2-Chloroethyl Vinyl Ether	8.05	1.0	"	10.00		80.5	63.8-141	4.06	17.6	V6
Methyl Isobutyl Ketone	107	5.0	"	100.0		107	79-145	12.9	13.7	
cis-1,3-Dichloropropene	19.3	1.0	"	20.00		96.5	75.5-125	1.80	14.2	
Toluene	20.3	1.0	"	20.00		101	83.2-123	0.842	15.2	
trans-1,3-Dichloropropene	18.5	1.0	"	20.00		92.6	68.6-131	0.325	12.7	
1,1,2-Trichloroethane	20.2	1.0	"	20.00		101	76.1-131	1.50	16.6	
2-Hexanone	106	5.0	"	100.0		106	76.4-144	15.0	14.5	R1
1,2-Dibromoethane	20.3	1.0	"	20.00		102	87-124	4.23	10.9	
Tetrachloroethene	20.3	1.0	"	20.00		101	57.7-158	0.295	20.7	M6
1,3-Dichloropropane	20.0	1.0	"	20.00		100	88.9-128	7.88	12.4	
Dibromochloromethane	20.0	1.0	"	20.00		100	71.3-128	10.3	16.5	
Chlorobenzene	20.4	1.0	"	20.00		102	84.4-122	3.74	15.8	
1,1,1,2-Tetrachloroethane	20.2	1.0	"	20.00		101	83.4-120	3.22	10.6	
Ethylbenzene	20.5	1.0	"	20.00		103	84.1-125	3.37	16.3	
m,p-Xylenes	42.0	2.0	"	40.00		105	85.1-125	4.98	14.1	
o-Xylene	21.1	1.0	"	20.00		105	82.8-122	3.23	14.3	
Styrene	20.4	1.0	"	20.00		102	80.5-119	0.343	19.8	
Bromoform	19.8	1.0	"	20.00		98.9	54.9-141	9.76	17.3	
Isopropylbenzene (Cumene)	20.5	1.0	"	20.00		102	91-122	3.84	12.4	
1,1,2,2-Tetrachloroethane	19.3	1.0	"	20.00		96.6	79-136	12.8	17	
1,2,3-Trichloropropane	19.7	1.0	"	20.00		98.6	92.7-130	12.3	15.2	
Bromobenzene	19.8	1.0	"	20.00		99.0	86.1-133	5.34	11.3	
Propylbenzene	20.4	1.0	"	20.00		102	85.5-130	4.83	11.9	
2-Chlorotoluene	20.0	1.0	"	20.00		100	90.6-128	5.18	12.4	
1,3,5-Trimethylbenzene	20.5	1.0	"	20.00		102	92.7-116	3.63	6.82	
4-Chlorotoluene	20.2	1.0	"	20.00		101	84-128	4.10	13.9	
tert-Butylbenzene	20.2	1.0	"	20.00		101	87.4-124	2.97	15.7	
1,2,4-Trimethylbenzene	20.7	1.0	"	20.00		104	94.6-109	5.05	12.7	
sec-Butylbenzene	20.0	1.0	"	20.00		99.8	78.2-125	4.60	17.5	
4-Isopropyltoluene	21.0	1.0	"	20.00		105	86.6-115	5.28	15.9	B, M6
1,3-Dichlorobenzene	20.0	1.0	"	20.00		99.8	79.5-120	3.93	13.5	

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
LCS Dup (1115148-BSD1)				Prepared & Analyzed: 04/07/2011						
1,4-Dichlorobenzene	19.8	1.0	ug/L	20.00		99.0	80.2-119	2.09	14.7	
trans-1,4-Dichloro-2-butene	16.6	5.0	"	20.00		83.2	17.7-187	2.87	13.6	
Butylbenzene	19.6	1.0	"	20.00		98.2	86.1-123	0.561	16.6	
1,2-Dichlorobenzene	19.8	1.0	"	20.00		99.0	77.7-121	3.13	13.1	
1,2-Dibromo-3-chloropropane	18.5	5.0	"	20.00		92.4	63.5-157	6.88	26.1	M10
1,2,4-Trichlorobenzene	18.9	5.0	"	20.00		94.6	58.4-142	2.66	18.5	
Hexachlorobutadiene	18.6	5.0	"	20.00		93.2	46.7-140	10.2	22.9	
Naphthalene	19.8	1.0	"	20.00		99.0	20-187	10.6	52.2	
1,2,3-Trichlorobenzene	18.9	5.0	"	20.00		94.4	40.3-152	1.60	38.9	
Surrogate: Dibromofluoromethane	*24.3*		*"*	*25.00*		*97.2*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*25.0*		*"*	*25.00*		*100*	*77.8-136*			
Surrogate: Toluene-d8	*25.0*		*"*	*25.00*		*100*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.5*		*"*	*25.00*		*98.0*	*80.8-127*			
Matrix Spike (1115148-MS1)	**Source: 11D0258-03**			Prepared & Analyzed: 04/07/2011						
Dichlorodifluoromethane	20.2	1.0	ug/L	20.00	ND	101	57.9-110		8.31	
Chloromethane	16.8	1.0	"	20.00	ND	83.8	28.7-183		10.6	
Vinyl chloride	21.3	1.0	"	20.00	ND	107	68.1-136		7.43	
Bromomethane	22.3	5.0	"	20.00	ND	111	10.2-178		11.6	
Chloroethane	21.4	1.0	"	20.00	ND	107	65.9-136		8.48	
Trichlorofluoromethane	20.5	1.0	"	20.00	ND	103	58.6-130		9.61	R1
1,1-Dichloroethene	20.8	1.0	"	20.00	ND	104	58-178		8.44	
Acetone	98.4	25	"	100.0	ND	98.4	80.5-173		6.01	
Iodomethane	22.4	1.0	"	20.00	0.00	112	45.3-165		19.4	V1
Carbon disulfide	21.1	1.0	"	20.00	ND	105	59.5-154		12.3	
Allyl Chloride (3-Chloropropylene)	18.5	1.0	"	20.00	ND	92.6	63.7-149		13.5	L3, V6
Acetonitrile	21.0	5.0	"	20.00	ND	105	84.7-159		7.62	
Methylene Chloride	20.4	5.0	"	20.00	ND	102	59.4-168		11.2	
Methyl-tert-Butyl Ether	20.5	1.0	"	20.00	ND	103	70.4-155		23.6	
trans-1,2-Dichloroethene	20.4	1.0	"	20.00	ND	102	72.3-161		8.19	
1,1-Dichloroethane	20.1	1.0	"	20.00	ND	100	73.6-157		7.21	
Chloroprene	21.0	1.0	"	20.00	ND	105	82.6-148		8.66	
2,2-Dichloropropane	17.4	5.0	"	20.00	ND	86.8	-5.41-170		13.2	
cis-1,2-Dichloroethene	20.5	1.0	"	20.00	ND	102	74.3-157		9.33	
2-Butanone	99.9	5.0	"	100.0	ND	99.9	67.8-193		6.75	R1
Chloroform	20.4	1.0	"	20.00	ND	102	68.8-152		6.51	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
Matrix Spike (1115148-MS1)	**Source: 11D0258-03**			Prepared & Analyzed: 04/07/2011						
Bromochloromethane	23.0	1.0	ug/L	20.00	ND	115	58.4-170		8.05	
1,1,1-Trichloroethane	20.4	1.0	"	20.00	ND	102	72.7-159		7.88	
1,1-Dichloropropene	21.0	1.0	"	20.00	ND	105	89.6-126		8.37	
Carbon Tetrachloride	21.4	1.0	"	20.00	ND	107	31-172		12.3	
Benzene	20.8	1.0	"	20.00	ND	104	67.9-156		6.37	
1,2-Dichloroethane	20.9	1.0	"	20.00	ND	105	70-163		16.2	
Trichloroethene	21.2	1.0	"	20.00	ND	106	59.5-183		9.7	
1,2-Dichloropropane	20.8	1.0	"	20.00	ND	104	66.5-158		9.22	
Bromodichloromethane	20.9	1.0	"	20.00	ND	105	72.2-149		12.1	
Methyl Methacrylate	20.7	1.0	"	20.00	ND	104	77.5-162		6.85	
Dibromomethane	20.9	2.0	"	20.00	ND	105	66.8-158		7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	V6, U
Methyl Isobutyl Ketone	107	5.0	"	100.0	ND	107	79.3-166		5.26	
cis-1,3-Dichloropropene	20.6	1.0	"	20.00	ND	103	44.7-160		8.49	
Toluene	21.2	1.0	"	20.00	ND	106	61.8-160		6.78	
trans-1,3-Dichloropropene	19.6	1.0	"	20.00	ND	98.0	39.4-166		18.7	
1,1,2-Trichloroethane	21.5	1.0	"	20.00	ND	107	72.6-153		20.8	
2-Hexanone	109	5.0	"	100.0	ND	109	80.1-168		6.91	R1
1,2-Dibromoethane	20.7	1.0	"	20.00	ND	103	76.7-150		6.77	
Tetrachloroethene	40.0	1.0	"	20.00	65.5	NR	61.7-160		7.81	M6
1,3-Dichloropropane	20.2	1.0	"	20.00	ND	101	87.3-145		7.65	
Dibromochloromethane	20.4	1.0	"	20.00	ND	102	66.3-147		16.1	
Chlorobenzene	21.1	1.0	"	20.00	ND	106	74.2-149		8.07	
1,1,1,2-Tetrachloroethane	20.7	1.0	"	20.00	ND	104	82-131		9.97	
Ethylbenzene	21.2	1.0	"	20.00	ND	106	75.8-151		7.84	
m,p-Xylenes	42.7	2.0	"	40.00	ND	107	63.1-168		7.04	
o-Xylene	21.5	1.0	"	20.00	ND	107	70.9-152		5.28	
Styrene	21.6	1.0	"	20.00	ND	108	76.4-129		5.47	
Bromoform	20.4	1.0	"	20.00	ND	102	33.8-185		19.7	
Isopropylbenzene (Cumene)	21.1	1.0	"	20.00	ND	106	65.3-163		8.15	
1,1,2,2-Tetrachloroethane	19.6	1.0	"	20.00	ND	98.2	90.6-150		10.4	
1,2,3-Trichloropropane	20.2	1.0	"	20.00	ND	101	99.9-148		3.74	
Bromobenzene	20.4	1.0	"	20.00	ND	102	99-142		9.89	
Propylbenzene	21.2	1.0	"	20.00	ND	106	65.7-188		8.46	
2-Chlorotoluene	20.7	1.0	"	20.00	ND	104	74.8-151		9.89	

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
Matrix Spike (1115148-MS1)	**Source: 11D0258-03**			Prepared & Analyzed: 04/07/2011						
1,3,5-Trimethylbenzene	21.2	1.0	ug/L	20.00	ND	106	72.1-139		8.34	
4-Chlorotoluene	21.0	1.0	"	20.00	ND	105	74.5-148		10.5	
tert-Butylbenzene	20.9	1.0	"	20.00	ND	104	93.5-125		11.6	
1,2,4-Trimethylbenzene	21.4	1.0	"	20.00	ND	107	75.5-135		12.1	
sec-Butylbenzene	21.5	1.0	"	20.00	ND	107	93.2-130		9.52	
4-Isopropyltoluene	21.3	1.0	"	20.00	77.5	NR	-5.12-183		11.3	B, M6
1,3-Dichlorobenzene	20.7	1.0	"	20.00	ND	104	67.7-147		9.61	
1,4-Dichlorobenzene	20.5	1.0	"	20.00	ND	102	70.3-145		10.4	
trans-1,4-Dichloro-2-butene	17.2	5.0	"	20.00	ND	86.1	53.7-134		11.7	
Butylbenzene	20.7	1.0	"	20.00	ND	103	44.3-161		11.5	
1,2-Dichlorobenzene	21.1	1.0	"	20.00	ND	106	71.8-143		9.9	
1,2-Dibromo-3-chloropropane	19.5	5.0	"	20.00	ND	97.7	98.3-143		20.7	M10
1,2,4-Trichlorobenzene	20.0	5.0	"	20.00	ND	100	86.9-156		11.2	
Hexachlorobutadiene	20.3	5.0	"	20.00	ND	102	44.5-164		12	
Naphthalene	20.2	1.0	"	20.00	ND	101	51-212		43.2	
1,2,3-Trichlorobenzene	19.9	5.0	"	20.00	ND	99.6	41.1-197		25.7	
Surrogate: Dibromofluoromethane	*24.7*		*"*	*25.00*		*98.8*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*24.8*		*"*	*25.00*		*99.0*	*77.8-136*			
Surrogate: Toluene-d8	*24.6*		*"*	*25.00*		*98.5*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.8*		*"*	*25.00*		*99.1*	*80.8-127*			
Matrix Spike Dup (1115148-MSD1)	**Source: 11D0258-03**			Prepared & Analyzed: 04/07/2011						
Dichlorodifluoromethane	20.8	1.0	ug/L	20.00	ND	104	57.9-110	3.17	8.31	
Chloromethane	17.0	1.0	"	20.00	ND	85.0	28.7-183	1.48	10.6	
Vinyl chloride	21.6	1.0	"	20.00	ND	108	68.1-136	1.03	7.43	
Bromomethane	23.2	5.0	"	20.00	ND	116	10.2-178	4.17	11.6	
Chloroethane	21.9	1.0	"	20.00	ND	110	65.9-136	2.12	8.48	
Trichlorofluoromethane	20.9	1.0	"	20.00	ND	104	58.6-130	1.69	9.61	R1
1,1-Dichloroethene	20.6	1.0	"	20.00	ND	103	58-178	0.965	8.44	
Acetone	101	25	"	100.0	ND	101	80.5-173	2.28	6.01	
Iodomethane	22.6	1.0	"	20.00	0.00	113	45.3-165	0.799	19.4	V1
Carbon disulfide	21.5	1.0	"	20.00	ND	107	59.5-154	1.88	12.3	
Allyl Chloride (3-Chloropropylene)	19.2	1.0	"	20.00	ND	95.8	63.7-149	3.40	13.5	L3, V6
Acetonitrile	19.1	5.0	"	20.00	ND	95.4	84.7-159	9.58	7.62	
Methylene Chloride	20.6	5.0	"	20.00	ND	103	59.4-168	0.879	11.2	
Methyl-tert-Butyl Ether	20.9	1.0	"	20.00	ND	104	70.4-155	1.83	23.6	

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
Matrix Spike Dup (1115148-MSD1)	**Source: 11D0258-03**			Prepared & Analyzed: 04/07/2011						
trans-1,2-Dichloroethene	21.3	1.0	ug/L	20.00	ND	106	72.3-161	4.42	8.19	
1,1-Dichloroethane	20.2	1.0	"	20.00	ND	101	73.6-157	0.397	7.21	
Chloroprene	22.1	1.0	"	20.00	ND	110	82.6-148	4.92	8.66	
2,2-Dichloropropane	17.4	5.0	"	20.00	ND	87.0	-5.41-170	0.173	13.2	
cis-1,2-Dichloroethene	20.7	1.0	"	20.00	ND	104	74.3-157	0.971	9.33	
2-Butanone	100	5.0	"	100.0	ND	100	67.8-193	0.360	6.75	R1
Chloroform	20.8	1.0	"	20.00	ND	104	68.8-152	1.94	6.51	
Bromochloromethane	23.1	1.0	"	20.00	ND	115	58.4-170	0.347	8.05	
1,1,1-Trichloroethane	21.0	1.0	"	20.00	ND	105	72.7-159	2.65	7.88	
1,1-Dichloropropene	21.3	1.0	"	20.00	ND	107	89.6-126	1.80	8.37	
Carbon Tetrachloride	21.7	1.0	"	20.00	ND	109	31-172	1.48	12.3	
Benzene	21.2	1.0	"	20.00	ND	106	67.9-156	1.95	6.37	
1,2-Dichloroethane	21.0	1.0	"	20.00	ND	105	70-163	0.477	16.2	
Trichloroethene	21.7	1.0	"	20.00	ND	109	59.5-183	2.14	9.7	
1,2-Dichloropropane	20.9	1.0	"	20.00	ND	105	66.5-158	0.431	9.22	
Bromodichloromethane	21.0	1.0	"	20.00	ND	105	72.2-149	0.287	12.1	
Methyl Methacrylate	20.4	1.0	"	20.00	ND	102	77.5-162	1.41	6.85	
Dibromomethane	21.7	2.0	"	20.00	ND	108	66.8-158	3.71	7.14	
2-Chloroethyl Vinyl Ether	ND	1.0	"	10.00	ND		0-0		0	V6, U
Methyl Isobutyl Ketone	107	5.0	"	100.0	ND	107	79.3-166	0.159	5.26	
cis-1,3-Dichloropropene	21.0	1.0	"	20.00	ND	105	44.7-160	1.93	8.49	
Toluene	21.4	1.0	"	20.00	ND	107	61.8-160	0.893	6.78	
trans-1,3-Dichloropropene	19.7	1.0	"	20.00	ND	98.4	39.4-166	0.356	18.7	
1,1,2-Trichloroethane	21.2	1.0	"	20.00	ND	106	72.6-153	1.31	20.8	
2-Hexanone	107	5.0	"	100.0	ND	107	80.1-168	2.14	6.91	R1
1,2-Dibromoethane	20.7	1.0	"	20.00	ND	103	76.7-150	0.00	6.77	
Tetrachloroethene	39.9	1.0	"	20.00	65.5	NR	61.7-160	0.401	7.81	M6
1,3-Dichloropropane	20.4	1.0	"	20.00	ND	102	87.3-145	1.18	7.65	
Dibromochloromethane	20.7	1.0	"	20.00	ND	103	66.3-147	1.41	16.1	
Chlorobenzene	21.5	1.0	"	20.00	ND	107	74.2-149	1.74	8.07	
1,1,1,2-Tetrachloroethane	21.3	1.0	"	20.00	ND	106	82-131	2.57	9.97	
Ethylbenzene	21.4	1.0	"	20.00	ND	107	75.8-151	0.987	7.84	
m,p-Xylenes	43.8	2.0	"	40.00	ND	109	63.1-168	2.38	7.04	
o-Xylene	21.7	1.0	"	20.00	ND	108	70.9-152	0.973	5.28	
Styrene	21.7	1.0	"	20.00	ND	108	76.4-129	0.462	5.47	

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Volatile Organic Compounds by EPA Method 8260B - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1115148 - EPA 5030B										
Matrix Spike Dup (1115148-MSD1)	**Source: 11D0258-03**			Prepared & Analyzed: 04/07/2011						
Bromoform	20.4	1.0	ug/L	20.00	ND	102	33.8-185	0.490	19.7	
Isopropylbenzene (Cumene)	21.3	1.0	"	20.00	ND	107	65.3-163	0.942	8.15	
1,1,2,2-Tetrachloroethane	19.7	1.0	"	20.00	ND	98.5	90.6-150	0.305	10.4	
1,2,3-Trichloropropane	19.7	1.0	"	20.00	ND	98.4	99.9-148	2.36	3.74	
Bromobenzene	20.5	1.0	"	20.00	ND	103	99-142	0.684	9.89	
Propylbenzene	21.4	1.0	"	20.00	ND	107	65.7-188	0.799	8.46	
2-Chlorotoluene	20.9	1.0	"	20.00	ND	104	74.8-151	0.721	9.89	
1,3,5-Trimethylbenzene	21.3	1.0	"	20.00	ND	107	72.1-139	0.329	8.34	
4-Chlorotoluene	21.0	1.0	"	20.00	ND	105	74.5-148	0.428	10.5	
tert-Butylbenzene	21.1	1.0	"	20.00	ND	106	93.5-125	1.09	11.6	
1,2,4-Trimethylbenzene	21.6	1.0	"	20.00	ND	108	75.5-135	0.975	12.1	
sec-Butylbenzene	20.9	1.0	"	20.00	ND	104	93.2-130	2.83	9.52	
4-Isopropyltoluene	21.1	1.0	"	20.00	77.5	NR	-5.12-183	1.04	11.3	B, M6
1,3-Dichlorobenzene	20.9	1.0	"	20.00	ND	104	67.7-147	0.865	9.61	
1,4-Dichlorobenzene	20.9	1.0	"	20.00	ND	104	70.3-145	1.94	10.4	
trans-1,4-Dichloro-2-butene	18.4	5.0	"	20.00	ND	92.2	53.7-134	6.79	11.7	
Butylbenzene	20.8	1.0	"	20.00	ND	104	44.3-161	0.675	11.5	
1,2-Dichlorobenzene	21.2	1.0	"	20.00	ND	106	71.8-143	0.473	9.9	
1,2-Dibromo-3-chloropropane	18.5	5.0	"	20.00	ND	92.6	98.3-143	5.36	20.7	M10
1,2,4-Trichlorobenzene	19.8	5.0	"	20.00	ND	98.9	86.9-156	1.31	11.2	
Hexachlorobutadiene	20.0	5.0	"	20.00	ND	100	44.5-164	1.49	12	
Naphthalene	20.0	1.0	"	20.00	ND	100	51-212	0.845	43.2	
1,2,3-Trichlorobenzene	19.8	5.0	"	20.00	ND	99.2	41.1-197	0.403	25.7	
Surrogate: Dibromofluoromethane	*24.5*		*"*	*25.00*		*97.9*	*90.8-116*			
Surrogate: 1,2-Dichloroethane-d4	*24.9*		*"*	*25.00*		*99.6*	*77.8-136*			
Surrogate: Toluene-d8	*24.6*		*"*	*25.00*		*98.4*	*87.5-113*			
Surrogate: 4-Bromofluorobenzene	*24.8*		*"*	*25.00*		*99.1*	*80.8-127*			

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113154 - EPA 625										
Blank (1113154-BLK1)				Prepared & Analyzed: 03/24/2011						
N-Nitrosodimethylamine	ND	5.0	ug/L							U
Pyridine	ND	5.0	"							U
Pentachloroethane	ND	5.0	"							U
Aniline	ND	5.0	"							U
Bis(2-Chloroethyl)ether	ND	5.0	"							U
Phenol	ND	5.0	"							U
2-Chlorophenol	ND	5.0	"							U
1,3-Dichlorobenzene	ND	5.0	"							U
1,4-Dichlorobenzene	ND	5.0	"							U
1,2-Dichlorobenzene	ND	5.0	"							U
Bis(2-chloroisopropyl)ether	ND	5.0	"							U
2-Methylphenol	ND	5.0	"							U
Hexachloroethane	ND	5.0	"							U
4-Methylphenol, 3-Methylphenol	ND	5.0	"							U
Nitrobenzene	ND	5.0	"							U
Isophorone	ND	5.0	"							U
2-Nitrophenol	ND	5.0	"							U
2,4-Dimethylphenol	ND	5.0	"							U
bis(2-Chloroethoxy)methane	ND	5.0	"							U
2,4-Dichlorophenol	ND	5.0	"							U
1,2,4-Trichlorobenzene	ND	5.0	"							U
Naphthalene	ND	5.0	"							U
Hexachlorobutadiene	ND	5.0	"							U
4-Chloro-3-methylphenol	ND	5.0	"							U
2-Methylnaphthalene	ND	5.0	"							U
Hexachlorocyclopentadiene	ND	10	"							U
2,4,6-Trichlorophenol	ND	5.0	"							U
2,4,5-Trichlorophenol	ND	5.0	"							U
2-Chloronaphthalene	ND	5.0	"							U
Acenaphthylene	ND	5.0	"							U
Dimethylphthalate	ND	5.0	"							U
2,6-Dinitrotoluene	ND	5.0	"							U
Acenaphthene	ND	5.0	"							U
2,4-Dinitrophenol	ND	10	"							U
Dibenzofuran	ND	5.0	"							U

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113154 - EPA 625										
Blank (1113154-BLK1)				Prepared & Analyzed: 03/24/2011						
2,4-Dinitrotoluene	ND	5.0	ug/L							U
4-Nitrophenol	ND	10	"							U
Fluorene	ND	5.0	"							U
4-Chlorophenyl-phenylether	ND	5.0	"							U
Diethylphthalate	ND	5.0	"							U
4,6-Dinitro-2-methylphenol	ND	5.0	"							U
4-Bromophenyl-phenylether	ND	5.0	"							U
Hexachlorobenzene	ND	5.0	"							U
Pentachlorophenol	ND	10	"							U
Phenanthrene	ND	5.0	"							U
Anthracene	ND	5.0	"							U
Di-n-butylphthalate	ND	5.0	"							U
Fluoranthene	ND	5.0	"							U
Pyrene	ND	5.0	"							U
Butylbenzylphthalate	ND	5.0	"							U
3,3´-Dichlorobenzidine	ND	5.0	"							U
Benz(a)anthracene	ND	5.0	"							U
Chrysene	ND	5.0	"							U
Bis(2-Ethylhexyl)phthalate	ND	5.0	"							U
Di-n-octylphthalate	ND	5.0	"							U
Benzo[b]fluoranthene	ND	5.0	"							U
Benzo[k]fluoranthene	ND	5.0	"							U
Benzo[a]pyrene	ND	5.0	"							U
Indeno[1,2,3-cd]pyrene	ND	5.0	"							U
Dibenz[a,h]anthracene	ND	5.0	"							U
Benzo[g,h,i]perylene	ND	5.0	"							U
Surrogate: 2-Fluorophenol	*38.5*		*"*	*75.00*		*51.3*	*0.974-78.2*			
Surrogate: Phenol-d5	*27.9*		*"*	*75.00*		*37.1*	*0-57.5*			
Surrogate: Nitrobenzene-d5	*36.8*		*"*	*50.00*		*73.6*	*15.3-131*			
Surrogate: 2-Fluorobiphenyl	*37.8*		*"*	*50.00*		*75.6*	*3.75-142*			
Surrogate: 2,4,6-Tribromophenol	*54.7*		*"*	*75.00*		*73.0*	*12.5-139*			
Surrogate: Terphenyl-d14	*40.6*		*"*	*50.00*		*81.1*	*16.6-136*			

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113154 - EPA 625										
LCS (1113154-BS1)				Prepared & Analyzed: 03/24/2011						
N-Nitrosodimethylamine	26.2	5.0	ug/L	50.00		52.3				
Pyridine	22.2	5.0	"	50.00		44.3				
Aniline	31.2	5.0	"	50.00		62.4				
Bis(2-Chloroethyl)ether	33.5	5.0	"	50.00		67.0				
Phenol	18.6	5.0	"	50.00		37.2	11-113			
2-Chlorophenol	32.8	5.0	"	50.00		65.7	13-109			
1,4-Dichlorobenzene	31.4	5.0	"	50.00		62.9	34-111			
Bis(2-chloroisopropyl)ether	35.5	5.0	"	50.00		71.0				
2-Methylphenol	31.5	5.0	"	50.00		63.1				
Hexachloroethane	31.6	5.0	"	50.00		63.3				
4-Methylphenol, 3-Methylphenol	30.9	5.0	"	50.00		61.8				
Nitrobenzene	34.9	5.0	"	50.00		69.7				
Isophorone	35.2	5.0	"	50.00		70.4				
2-Nitrophenol	33.9	5.0	"	50.00		67.7				
2,4-Dimethylphenol	35.5	5.0	"	50.00		71.0	0-200			
bis(2-Chloroethoxy)methane	35.6	5.0	"	50.00		71.2				
2,4-Dichlorophenol	35.9	5.0	"	50.00		71.9	0-200			
1,2,4-Trichlorobenzene	34.7	5.0	"	50.00		69.4	23-126			
Naphthalene	34.1	5.0	"	50.00		68.3				
Hexachlorobutadiene	34.8	5.0	"	50.00		69.6				
4-Chloro-3-methylphenol	36.3	5.0	"	50.00		72.6	16-127			
2-Methylnaphthalene	34.3	5.0	"	50.00		68.7				
Hexachlorocyclopentadiene	34.8	10	"	50.00		69.5				
2,4,6-Trichlorophenol	36.4	5.0	"	50.00		72.8	0-200			
2,4,5-Trichlorophenol	36.0	5.0	"	50.00		72.0				
2-Chloronaphthalene	34.3	5.0	"	50.00		68.7				
Acenaphthylene	36.1	5.0	"	50.00		72.2				
Dimethylphthalate	35.9	5.0	"	50.00		71.8				
2,6-Dinitrotoluene	36.1	5.0	"	50.00		72.1	0-200			
Acenaphthene	34.6	5.0	"	50.00		69.1	36-123			
2,4-Dinitrophenol	31.1	10	"	50.00		62.3	0-200			
Dibenzofuran	36.6	5.0	"	50.00		73.2				
2,4-Dinitrotoluene	36.7	5.0	"	50.00		73.4	24-123			
4-Nitrophenol	21.6	10	"	50.00		43.2	0.5-121			
Fluorene	36.4	5.0	"	50.00		72.9				

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113154 - EPA 625										
LCS (1113154-BS1)				Prepared & Analyzed: 03/24/2011						
4-Chlorophenyl-phenylether	36.3	5.0	ug/L	50.00		72.6				
Diethylphthalate	36.4	5.0	"	50.00		72.9				
4,6-Dinitro-2-methylphenol	35.6	5.0	"	50.00		71.1				
4-Bromophenyl-phenylether	36.4	5.0	"	50.00		72.9				
Hexachlorobenzene	37.6	5.0	"	50.00		75.3				
Pentachlorophenol	38.2	10	"	50.00		76.5	12-103			
Phenanthrene	36.9	5.0	"	50.00		73.7				
Anthracene	35.9	5.0	"	50.00		71.8				
Di-n-butylphthalate	39.9	5.0	"	50.00		79.9				
Fluoranthene	38.7	5.0	"	50.00		77.4				
Pyrene	36.8	5.0	"	50.00		73.6	31-121			
Butylbenzylphthalate	37.7	5.0	"	50.00		75.4				
3,3´-Dichlorobenzidine	34.5	5.0	"	50.00		69.0				
Benz(a)anthracene	37.3	5.0	"	50.00		74.5				
Chrysene	37.1	5.0	"	50.00		74.1				
Bis(2-Ethylhexyl)phthalate	40.3	5.0	"	50.00		80.7				
Di-n-octylphthalate	38.2	5.0	"	50.00		76.5				
Benzo[b]fluoranthene	36.6	5.0	"	50.00		73.2				
Benzo[k]fluoranthene	37.4	5.0	"	50.00		74.9				
Benzo[a]pyrene	37.6	5.0	"	50.00		75.1				
Indeno[1,2,3-cd]pyrene	39.1	5.0	"	50.00		78.2				
Dibenz[a,h]anthracene	38.2	5.0	"	50.00		76.4				
Benzo[g,h,i]perylene	40.0	5.0	"	50.00		79.9				
Surrogate: 2-Fluorophenol	*36.0*		*"*	*75.00*		*48.0*	*0.974-78.2*			
Surrogate: Phenol-d5	*26.0*		*"*	*75.00*		*34.6*	*0-57.5*			
Surrogate: Nitrobenzene-d5	*33.4*		*"*	*50.00*		*66.9*	*15.3-131*			
Surrogate: 2-Fluorobiphenyl	*34.1*		*"*	*50.00*		*68.2*	*3.75-142*			
Surrogate: 2,4,6-Tribromophenol	*54.6*		*"*	*75.00*		*72.8*	*12.5-139*			
Surrogate: Terphenyl-d14	*36.3*		*"*	*50.00*		*72.6*	*16.6-136*			

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113154 - EPA 625										
LCS Dup (1113154-BSD1)				Prepared & Analyzed: 03/24/2011						
N-Nitrosodimethylamine	30.4	5.0	ug/L	50.00		60.9		15.2		
Pyridine	29.2	5.0	"	50.00		58.4		27.4		
Aniline	38.6	5.0	"	50.00		77.2		21.2		
Bis(2-Chloroethyl)ether	37.4	5.0	"	50.00		74.9		11.2		
Phenol	21.2	5.0	"	50.00		42.4	11-113	13.1		
2-Chlorophenol	36.8	5.0	"	50.00		73.5	13-109	11.3		
1,4-Dichlorobenzene	35.2	5.0	"	50.00		70.3	34-111	11.1		
Bis(2-chloroisopropyl)ether	38.8	5.0	"	50.00		77.6		8.86		
2-Methylphenol	35.9	5.0	"	50.00		71.8		13.0		
Hexachloroethane	36.0	5.0	"	50.00		72.0		12.9		
4-Methylphenol, 3-Methylphenol	33.7	5.0	"	50.00		67.4		8.70		
Nitrobenzene	37.3	5.0	"	50.00		74.5		6.68		
Isophorone	38.0	5.0	"	50.00		76.0		7.71		
2-Nitrophenol	38.1	5.0	"	50.00		76.2		11.8		
2,4-Dimethylphenol	38.4	5.0	"	50.00		76.8	0-200	7.84		
bis(2-Chloroethoxy)methane	37.5	5.0	"	50.00		75.0		5.20		
2,4-Dichlorophenol	39.4	5.0	"	50.00		78.7	0-200	9.06		
1,2,4-Trichlorobenzene	36.1	5.0	"	50.00		72.2	23-126	3.96		
Naphthalene	36.6	5.0	"	50.00		73.2		7.01		
Hexachlorobutadiene	35.2	5.0	"	50.00		70.3		0.943		
4-Chloro-3-methylphenol	39.8	5.0	"	50.00		79.6	16-127	9.22		
2-Methylnaphthalene	36.4	5.0	"	50.00		72.9		5.96		
Hexachlorocyclopentadiene	38.5	10	"	50.00		77.0		10.2		
2,4,6-Trichlorophenol	39.5	5.0	"	50.00		79.0	0-200	8.20		
2,4,5-Trichlorophenol	41.5	5.0	"	50.00		82.9		14.0		
2-Chloronaphthalene	38.1	5.0	"	50.00		76.2		10.4		
Acenaphthylene	40.0	5.0	"	50.00		80.1		10.4		
Dimethylphthalate	38.4	5.0	"	50.00		76.8		6.68		
2,6-Dinitrotoluene	39.9	5.0	"	50.00		79.8	0-200	10.1		
Acenaphthene	38.5	5.0	"	50.00		77.0	36-123	10.8		
2,4-Dinitrophenol	38.0	10	"	50.00		76.1	0-200	20.0		
Dibenzofuran	39.4	5.0	"	50.00		78.8		7.45		
2,4-Dinitrotoluene	41.3	5.0	"	50.00		82.6	24-123	11.8		
4-Nitrophenol	25.3	10	"	50.00		50.7	0.5-121	15.8		
Fluorene	39.8	5.0	"	50.00		79.7		8.92		

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1113154 - EPA 625										
LCS Dup (1113154-BSD1)				Prepared & Analyzed: 03/24/2011						
4-Chlorophenyl-phenylether	40.1	5.0	ug/L	50.00		80.2		9.84		
Diethylphthalate	40.6	5.0	"	50.00		81.1		10.6		
4,6-Dinitro-2-methylphenol	38.3	5.0	"	50.00		76.7		7.53		
4-Bromophenyl-phenylether	39.8	5.0	"	50.00		79.6		8.89		
Hexachlorobenzene	39.5	5.0	"	50.00		78.9		4.72		
Pentachlorophenol	42.0	10	"	50.00		84.0	12-103	9.40		
Phenanthrene	40.7	5.0	"	50.00		81.4		9.92		
Anthracene	40.0	5.0	"	50.00		79.9		10.7		
Di-n-butylphthalate	44.4	5.0	"	50.00		88.8		10.6		
Fluoranthene	42.9	5.0	"	50.00		85.7		10.1		
Pyrene	41.1	5.0	"	50.00		82.1	31-121	11.0		
Butylbenzylphthalate	42.4	5.0	"	50.00		84.9		11.9		
3,3´-Dichlorobenzidine	34.2	5.0	"	50.00		68.4		0.815		
Benz(a)anthracene	40.4	5.0	"	50.00		80.8		8.01		
Chrysene	40.0	5.0	"	50.00		79.9		7.53		
Bis(2-Ethylhexyl)phthalate	42.8	5.0	"	50.00		85.5		5.82		
Di-n-octylphthalate	42.6	5.0	"	50.00		85.2		10.7		
Benzo[b]fluoranthene	40.1	5.0	"	50.00		80.1		9.00		
Benzo[k]fluoranthene	41.2	5.0	"	50.00		82.4		9.61		
Benzo[a]pyrene	41.8	5.0	"	50.00		83.5		10.5		
Indeno[1,2,3-cd]pyrene	42.9	5.0	"	50.00		85.9		9.34		
Dibenz[a,h]anthracene	41.8	5.0	"	50.00		83.7		9.15		
Benzo[g,h,i]perylene	43.4	5.0	"	50.00		86.9		8.30		
Surrogate: 2-Fluorophenol	*40.6*		*"*	*75.00*		*54.2*	*0.974-78.2*			
Surrogate: Phenol-d5	*29.4*		*"*	*75.00*		*39.3*	*0-57.5*			
Surrogate: Nitrobenzene-d5	*35.8*		*"*	*50.00*		*71.6*	*15.3-131*			
Surrogate: 2-Fluorobiphenyl	*36.2*		*"*	*50.00*		*72.4*	*3.75-142*			
Surrogate: 2,4,6-Tribromophenol	*58.5*		*"*	*75.00*		*78.0*	*12.5-139*			
Surrogate: Terphenyl-d14	*38.7*		*"*	*50.00*		*77.3*	*16.6-136*			

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114028 - EPA 625										
Blank (1114028-BLK1)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
N-Nitrosodimethylamine	ND	5.0	ug/L							U
Pyridine	ND	5.0	"							U
Pentachloroethane	ND	5.0	"							U
Aniline	ND	5.0	"							U
Bis(2-Chloroethyl)ether	ND	5.0	"							U
Phenol	ND	5.0	"							U
2-Chlorophenol	ND	5.0	"							U
1,3-Dichlorobenzene	ND	5.0	"							U
1,4-Dichlorobenzene	ND	5.0	"							U
1,2-Dichlorobenzene	ND	5.0	"							U
Bis(2-chloroisopropyl)ether	ND	5.0	"							U
2-Methylphenol	ND	5.0	"							U
Hexachloroethane	ND	5.0	"							U
4-Methylphenol, 3-Methylphenol	ND	5.0	"							U
Nitrobenzene	ND	5.0	"							U
Isophorone	ND	5.0	"							U
2-Nitrophenol	ND	5.0	"							U
2,4-Dimethylphenol	ND	5.0	"							U
bis(2-Chloroethoxy)methane	ND	5.0	"							U
2,4-Dichlorophenol	ND	5.0	"							U
1,2,4-Trichlorobenzene	ND	5.0	"							U
Naphthalene	ND	5.0	"							U
Hexachlorobutadiene	ND	5.0	"							U
4-Chloro-3-methylphenol	ND	5.0	"							U
2-Methylnaphthalene	ND	5.0	"							U
Hexachlorocyclopentadiene	ND	10	"							U
2,4,6-Trichlorophenol	ND	5.0	"							U
2,4,5-Trichlorophenol	ND	5.0	"							U
2-Chloronaphthalene	ND	5.0	"							U
Acenaphthylene	ND	5.0	"							U
Dimethylphthalate	ND	5.0	"							U
2,6-Dinitrotoluene	ND	5.0	"							U
Acenaphthene	ND	5.0	"							U
2,4-Dinitrophenol	ND	10	"							U
Dibenzofuran	ND	5.0	"							U

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114028 - EPA 625										
Blank (1114028-BLK1)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
2,4-Dinitrotoluene	ND	5.0	ug/L							U
4-Nitrophenol	ND	10	"							U
Fluorene	ND	5.0	"							U
4-Chlorophenyl-phenylether	ND	5.0	"							U
Diethylphthalate	ND	5.0	"							U
4,6-Dinitro-2-methylphenol	ND	5.0	"							U
4-Bromophenyl-phenylether	ND	5.0	"							U
Hexachlorobenzene	ND	5.0	"							U
Pentachlorophenol	ND	10	"							U
Phenanthrene	ND	5.0	"							U
Anthracene	ND	5.0	"							U
Di-n-butylphthalate	ND	5.0	"							U
Fluoranthene	ND	5.0	"							U
Pyrene	ND	5.0	"							U
Butylbenzylphthalate	ND	5.0	"							U
3,3´-Dichlorobenzidine	ND	5.0	"							U
Benz(a)anthracene	ND	5.0	"							U
Chrysene	ND	5.0	"							U
Bis(2-Ethylhexyl)phthalate	ND	5.0	"							U
Di-n-octylphthalate	ND	5.0	"							U
Benzo[b]fluoranthene	ND	5.0	"							U
Benzo[k]fluoranthene	ND	5.0	"							U
Benzo[a]pyrene	ND	5.0	"							U
Indeno[1,2,3-cd]pyrene	ND	5.0	"							U
Dibenz[a,h]anthracene	ND	5.0	"							U
Benzo[g,h,i]perylene	ND	5.0	"							U
Surrogate: 2-Fluorophenol	*33.4*		"	*75.00*		*44.5*	*0.974-78.2*			
Surrogate: Phenol-d5	*23.1*		"	*75.00*		*30.8*	*0-57.5*			
Surrogate: Nitrobenzene-d5	*40.2*		"	*50.00*		*80.3*	*15.3-131*			
Surrogate: 2-Fluorobiphenyl	*38.8*		"	*50.00*		*77.6*	*3.75-142*			
Surrogate: 2,4,6-Tribromophenol	*55.0*		"	*75.00*		*73.4*	*12.5-139*			
Surrogate: Terphenyl-d14	*43.9*		"	*50.00*		*87.9*	*16.6-136*			

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Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114028 - EPA 625										
LCS (1114028-BS1)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
N-Nitrosodimethylamine	28.7	5.0	ug/L	50.00		57.4				
Pyridine	20.7	5.0	"	50.00		41.5				
Aniline	34.3	5.0	"	50.00		68.7				
Bis(2-Chloroethyl)ether	43.4	5.0	"	50.00		86.7				
Phenol	20.1	5.0	"	50.00		40.3	11-113			
2-Chlorophenol	40.0	5.0	"	50.00		79.9	13-109			
1,4-Dichlorobenzene	40.5	5.0	"	50.00		80.9	34-111			
Bis(2-chloroisopropyl)ether	44.4	5.0	"	50.00		88.9				
2-Methylphenol	37.2	5.0	"	50.00		74.3				
Hexachloroethane	40.1	5.0	"	50.00		80.1				
4-Methylphenol, 3-Methylphenol	33.7	5.0	"	50.00		67.4				
Nitrobenzene	43.8	5.0	"	50.00		87.5				
Isophorone	43.6	5.0	"	50.00		87.3				
2-Nitrophenol	42.6	5.0	"	50.00		85.2				
2,4-Dimethylphenol	44.9	5.0	"	50.00		89.8	0-200			
bis(2-Chloroethoxy)methane	42.6	5.0	"	50.00		85.2				
2,4-Dichlorophenol	43.8	5.0	"	50.00		87.7	0-200			
1,2,4-Trichlorobenzene	41.4	5.0	"	50.00		82.9	23-126			
Naphthalene	42.1	5.0	"	50.00		84.3				
Hexachlorobutadiene	38.8	5.0	"	50.00		77.6				
4-Chloro-3-methylphenol	43.8	5.0	"	50.00		87.7	16-127			
2-Methylnaphthalene	42.9	5.0	"	50.00		85.9				
Hexachlorocyclopentadiene	40.8	10	"	50.00		81.5				
2,4,6-Trichlorophenol	44.8	5.0	"	50.00		89.6	0-200			
2,4,5-Trichlorophenol	45.6	5.0	"	50.00		91.3				
2-Chloronaphthalene	44.5	5.0	"	50.00		89.0				
Acenaphthylene	46.7	5.0	"	50.00		93.3				
Dimethylphthalate	43.7	5.0	"	50.00		87.5				
2,6-Dinitrotoluene	45.7	5.0	"	50.00		91.3	0-200			
Acenaphthene	45.0	5.0	"	50.00		90.0	36-123			
2,4-Dinitrophenol	37.7	10	"	50.00		75.3	0-200			
Dibenzofuran	45.6	5.0	"	50.00		91.3				
2,4-Dinitrotoluene	49.2	5.0	"	50.00		98.4	24-123			
4-Nitrophenol	23.3	10	"	50.00		46.7	0.5-121			
Fluorene	44.8	5.0	"	50.00		89.6				

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Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114028 - EPA 625										
LCS (1114028-BS1)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
4-Chlorophenyl-phenylether	43.8	5.0	ug/L	50.00		87.5				
Diethylphthalate	44.7	5.0	"	50.00		89.5				
4,6-Dinitro-2-methylphenol	40.3	5.0	"	50.00		80.5				
4-Bromophenyl-phenylether	43.9	5.0	"	50.00		87.8				
Hexachlorobenzene	46.3	5.0	"	50.00		92.5				
Pentachlorophenol	45.7	10	"	50.00		91.4	12-103			
Phenanthrene	47.4	5.0	"	50.00		94.8				
Anthracene	45.8	5.0	"	50.00		91.6				
Di-n-butylphthalate	42.6	5.0	"	50.00		85.1				
Fluoranthene	46.8	5.0	"	50.00		93.7				
Pyrene	48.0	5.0	"	50.00		96.0	31-121			
Butylbenzylphthalate	42.9	5.0	"	50.00		85.8				
3,3´-Dichlorobenzidine	41.1	5.0	"	50.00		82.1				
Benz(a)anthracene	46.3	5.0	"	50.00		92.6				
Chrysene	47.2	5.0	"	50.00		94.5				
Bis(2-Ethylhexyl)phthalate	39.9	5.0	"	50.00		79.7				
Di-n-octylphthalate	36.1	5.0	"	50.00		72.3				
Benzo[b]fluoranthene	44.5	5.0	"	50.00		89.1				
Benzo[k]fluoranthene	47.5	5.0	"	50.00		94.9				
Benzo[a]pyrene	48.9	5.0	"	50.00		97.8				
Indeno[1,2,3-cd]pyrene	48.9	5.0	"	50.00		97.8				
Dibenz[a,h]anthracene	47.8	5.0	"	50.00		95.5				
Benzo[g,h,i]perylene	48.8	5.0	"	50.00		97.7				
Surrogate: 2-Fluorophenol	*40.4*		*"*	*75.00*		*53.8*	*0.974-78.2*			
Surrogate: Phenol-d5	*28.8*		*"*	*75.00*		*38.4*	*0-57.5*			
Surrogate: Nitrobenzene-d5	*43.1*		*"*	*50.00*		*86.2*	*15.3-131*			
Surrogate: 2-Fluorobiphenyl	*41.7*		*"*	*50.00*		*83.4*	*3.75-142*			
Surrogate: 2,4,6-Tribromophenol	*66.5*		*"*	*75.00*		*88.7*	*12.5-139*			
Surrogate: Terphenyl-d14	*43.9*		*"*	*50.00*		*87.7*	*16.6-136*			

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114028 - EPA 625										
LCS Dup (1114028-BSD1)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
N-Nitrosodimethylamine	27.4	5.0	ug/L	50.00		54.9		4.52		
Pyridine	20.4	5.0	"	50.00		40.8		1.65		
Aniline	31.5	5.0	"	50.00		63.0		8.57		
Bis(2-Chloroethyl)ether	41.6	5.0	"	50.00		83.1		4.24		
Phenol	19.4	5.0	"	50.00		38.8	11-113	3.80		
2-Chlorophenol	37.0	5.0	"	50.00		74.1	13-109	7.58		
1,4-Dichlorobenzene	37.1	5.0	"	50.00		74.1	34-111	8.77		
Bis(2-chloroisopropyl)ether	40.6	5.0	"	50.00		81.3		8.93		
2-Methylphenol	34.9	5.0	"	50.00		69.9		6.19		
Hexachloroethane	36.5	5.0	"	50.00		73.0		9.35		
4-Methylphenol, 3-Methylphenol	32.1	5.0	"	50.00		64.3		4.68		
Nitrobenzene	42.2	5.0	"	50.00		84.5		3.56		
Isophorone	41.1	5.0	"	50.00		82.2		6.04		
2-Nitrophenol	40.2	5.0	"	50.00		80.5		5.70		
2,4-Dimethylphenol	42.7	5.0	"	50.00		85.4	0-200	4.95		
bis(2-Chloroethoxy)methane	41.4	5.0	"	50.00		82.8		2.91		
2,4-Dichlorophenol	41.4	5.0	"	50.00		82.9	0-200	5.60		
1,2,4-Trichlorobenzene	39.0	5.0	"	50.00		78.0	23-126	6.09		
Naphthalene	39.6	5.0	"	50.00		79.2		6.17		
Hexachlorobutadiene	37.0	5.0	"	50.00		74.1		4.62		
4-Chloro-3-methylphenol	41.1	5.0	"	50.00		82.2	16-127	6.50		
2-Methylnaphthalene	40.1	5.0	"	50.00		80.2		6.79		
Hexachlorocyclopentadiene	39.8	10	"	50.00		79.7		2.28		
2,4,6-Trichlorophenol	43.5	5.0	"	50.00		87.1	0-200	2.83		
2,4,5-Trichlorophenol	44.8	5.0	"	50.00		89.7		1.77		
2-Chloronaphthalene	42.5	5.0	"	50.00		85.0		4.64		
Acenaphthylene	43.7	5.0	"	50.00		87.4		6.55		
Dimethylphthalate	42.4	5.0	"	50.00		84.7		3.21		
2,6-Dinitrotoluene	43.9	5.0	"	50.00		87.8	0-200	3.97		
Acenaphthene	42.6	5.0	"	50.00		85.3	36-123	5.36		
2,4-Dinitrophenol	38.6	10	"	50.00		77.3	0-200	2.54		
Dibenzofuran	43.5	5.0	"	50.00		86.9		4.89		
2,4-Dinitrotoluene	47.0	5.0	"	50.00		94.0	24-123	4.53		
4-Nitrophenol	22.3	10	"	50.00		44.5	0.5-121	4.65		
Fluorene	43.5	5.0	"	50.00		87.1		2.90		

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114028 - EPA 625										
LCS Dup (1114028-BSD1)				Prepared: 03/28/2011 Analyzed: 03/29/2011						
4-Chlorophenyl-phenylether	43.0	5.0	ug/L	50.00		86.1		1.64		
Diethylphthalate	42.7	5.0	"	50.00		85.4		4.69		
4,6-Dinitro-2-methylphenol	39.9	5.0	"	50.00		79.7		0.973		
4-Bromophenyl-phenylether	40.4	5.0	"	50.00		80.7		8.40		
Hexachlorobenzene	44.1	5.0	"	50.00		88.2		4.83		
Pentachlorophenol	45.8	10	"	50.00		91.6	12-103	0.175		
Phenanthrene	45.6	5.0	"	50.00		91.2		3.85		
Anthracene	43.8	5.0	"	50.00		87.7		4.33		
Di-n-butylphthalate	41.9	5.0	"	50.00		83.8		1.59		
Fluoranthene	44.7	5.0	"	50.00		89.5		4.61		
Pyrene	48.4	5.0	"	50.00		96.8	31-121	0.830		
Butylbenzylphthalate	41.6	5.0	"	50.00		83.2		3.01		
3,3´-Dichlorobenzidine	35.0	5.0	"	50.00		70.0		16.0		
Benz(a)anthracene	46.4	5.0	"	50.00		92.7		0.108		
Chrysene	46.6	5.0	"	50.00		93.2		1.32		
Bis(2-Ethylhexyl)phthalate	38.3	5.0	"	50.00		76.7		3.94		
Di-n-octylphthalate	35.6	5.0	"	50.00		71.3		1.42		
Benzo[b]fluoranthene	45.8	5.0	"	50.00		91.6		2.81		
Benzo[k]fluoranthene	45.2	5.0	"	50.00		90.4		4.92		
Benzo[a]pyrene	48.0	5.0	"	50.00		96.0		1.88		
Indeno[1,2,3-cd]pyrene	47.2	5.0	"	50.00		94.4		3.62		
Dibenz[a,h]anthracene	46.2	5.0	"	50.00		92.5		3.26		
Benzo[g,h,i]perylene	47.8	5.0	"	50.00		95.5		2.22		
Surrogate: 2-Fluorophenol	*37.4*		*"*	*75.00*		*49.9*	*0.974-78.2*			
Surrogate: Phenol-d5	*26.9*		*"*	*75.00*		*35.9*	*0-57.5*			
Surrogate: Nitrobenzene-d5	*41.0*		*"*	*50.00*		*82.0*	*15.3-131*			
Surrogate: 2-Fluorobiphenyl	*40.0*		*"*	*50.00*		*80.0*	*3.75-142*			
Surrogate: 2,4,6-Tribromophenol	*65.0*		*"*	*75.00*		*86.7*	*12.5-139*			
Surrogate: Terphenyl-d14	*42.6*		*"*	*50.00*		*85.2*	*16.6-136*			

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114230 - EPA 3510C										
Blank (1114230-BLK1)				Prepared & Analyzed: 04/01/2011						
N-Nitrosodimethylamine	ND	5.0	ug/L							U
Pyridine	ND	5.0	"							U
Pentachloroethane	ND	5.0	"							U
Aniline	ND	5.0	"							U
Bis(2-Chloroethyl)ether	ND	5.0	"							U
Phenol	ND	5.0	"							U
2-Chlorophenol	ND	5.0	"							U
1,3-Dichlorobenzene	ND	5.0	"							U
1,4-Dichlorobenzene	ND	5.0	"							U
1,2-Dichlorobenzene	ND	5.0	"							U
Bis(2-chloroisopropyl)ether	ND	5.0	"							U
2-Methylphenol	ND	5.0	"							U
Hexachloroethane	ND	5.0	"							U
4-Methylphenol, 3-Methylphenol	ND	5.0	"							U
Nitrobenzene	ND	5.0	"							U
Isophorone	ND	5.0	"							U
2-Nitrophenol	ND	5.0	"							U
2,4-Dimethylphenol	ND	5.0	"							U
bis(2-Chloroethoxy)methane	ND	5.0	"							U
2,4-Dichlorophenol	ND	5.0	"							U
1,2,4-Trichlorobenzene	ND	5.0	"							U
Naphthalene	ND	5.0	"							U
Hexachlorobutadiene	ND	5.0	"							U
4-Chloro-3-methylphenol	ND	5.0	"							U
2-Methylnaphthalene	ND	5.0	"							U
Hexachlorocyclopentadiene	ND	10	"							U
2,4,6-Trichlorophenol	ND	5.0	"							U
2,4,5-Trichlorophenol	ND	5.0	"							U
2-Chloronaphthalene	ND	5.0	"							U
Acenaphthylene	ND	5.0	"							U
Dimethylphthalate	ND	5.0	"							U
2,6-Dinitrotoluene	ND	5.0	"							U
Acenaphthene	ND	5.0	"							U
2,4-Dinitrophenol	ND	10	"							U
Dibenzofuran	ND	5.0	"							U

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114230 - EPA 3510C										
Blank (1114230-BLK1)				Prepared & Analyzed: 04/01/2011						
2,4-Dinitrotoluene	ND	5.0	ug/L							U
4-Nitrophenol	ND	10	"							U
Fluorene	ND	5.0	"							U
4-Chlorophenyl-phenylether	ND	5.0	"							U
Diethylphthalate	ND	5.0	"							U
4,6-Dinitro-2-methylphenol	ND	5.0	"							U
4-Bromophenyl-phenylether	ND	5.0	"							U
Hexachlorobenzene	ND	5.0	"							U
Pentachlorophenol	ND	10	"							U
Phenanthrene	ND	5.0	"							U
Anthracene	ND	5.0	"							U
Di-n-butylphthalate	ND	5.0	"							U
Fluoranthene	ND	5.0	"							U
Pyrene	ND	5.0	"							U
Butylbenzylphthalate	ND	5.0	"							U
3,3´-Dichlorobenzidine	ND	5.0	"							U
Benz(a)anthracene	ND	5.0	"							U
Chrysene	ND	5.0	"							U
Bis(2-Ethylhexyl)phthalate	ND	5.0	"							U
Di-n-octylphthalate	ND	5.0	"							U
Benzo[b]fluoranthene	ND	5.0	"							U
Benzo[k]fluoranthene	ND	5.0	"							U
Benzo[a]pyrene	ND	5.0	"							U
Indeno[1,2,3-cd]pyrene	ND	5.0	"							U
Dibenz[a,h]anthracene	ND	5.0	"							U
Benzo[g,h,i]perylene	ND	5.0	"							U
Surrogate: 2-Fluorophenol	*34.8*		*"*	*75.00*		*46.5*	*0.974-78.2*			
Surrogate: Phenol-d5	*24.1*		*"*	*75.00*		*32.1*	*0-57.5*			
Surrogate: Nitrobenzene-d5	*36.0*		*"*	*50.00*		*72.0*	*15.3-131*			
Surrogate: 2-Fluorobiphenyl	*32.9*		*"*	*50.00*		*65.8*	*3.75-142*			
Surrogate: 2,4,6-Tribromophenol	*49.5*		*"*	*75.00*		*66.0*	*12.5-139*			
Surrogate: Terphenyl-d14	*36.5*		*"*	*50.00*		*73.0*	*16.6-136*			

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114230 - EPA 3510C										
LCS (1114230-BS1)				Prepared & Analyzed: 04/01/2011						
N-Nitrosodimethylamine	24.8	5.0	ug/L	50.00		49.7				
Pyridine	19.8	5.0	"	50.00		39.5				
Aniline	32.4	5.0	"	50.00		64.9				
Bis(2-Chloroethyl)ether	33.1	5.0	"	50.00		66.2				
Phenol	17.5	5.0	"	50.00		35.0	11-113			
2-Chlorophenol	34.0	5.0	"	50.00		68.0	13-109			
1,4-Dichlorobenzene	31.4	5.0	"	50.00		62.7	34-111			
Bis(2-chloroisopropyl)ether	33.6	5.0	"	50.00		67.3				
2-Methylphenol	32.6	5.0	"	50.00		65.1				
Hexachloroethane	30.6	5.0	"	50.00		61.2				
4-Methylphenol, 3-Methylphenol	30.4	5.0	"	50.00		60.8				
Nitrobenzene	34.7	5.0	"	50.00		69.3				
Isophorone	33.9	5.0	"	50.00		67.8				
2-Nitrophenol	35.0	5.0	"	50.00		69.9				
2,4-Dimethylphenol	39.3	5.0	"	50.00		78.7	0-200			
bis(2-Chloroethoxy)methane	33.4	5.0	"	50.00		66.7				
2,4-Dichlorophenol	35.3	5.0	"	50.00		70.6	0-200			
1,2,4-Trichlorobenzene	32.7	5.0	"	50.00		65.3	23-126			
Naphthalene	33.4	5.0	"	50.00		66.8				
Hexachlorobutadiene	32.2	5.0	"	50.00		64.4				
4-Chloro-3-methylphenol	37.5	5.0	"	50.00		75.0	16-127			
2-Methylnaphthalene	33.6	5.0	"	50.00		67.1				
Hexachlorocyclopentadiene	32.0	10	"	50.00		64.0				
2,4,6-Trichlorophenol	36.0	5.0	"	50.00		72.0	0-200			
2,4,5-Trichlorophenol	37.0	5.0	"	50.00		74.0				
2-Chloronaphthalene	34.2	5.0	"	50.00		68.5				
Acenaphthylene	35.7	5.0	"	50.00		71.4				
Dimethylphthalate	35.7	5.0	"	50.00		71.5				
2,6-Dinitrotoluene	37.4	5.0	"	50.00		74.8	0-200			
Acenaphthene	35.0	5.0	"	50.00		70.0	36-123			
2,4-Dinitrophenol	32.0	10	"	50.00		64.1	0-200			
Dibenzofuran	36.4	5.0	"	50.00		72.8				
2,4-Dinitrotoluene	38.6	5.0	"	50.00		77.2	24-123			
4-Nitrophenol	20.7	10	"	50.00		41.3	0.5-121			
Fluorene	36.3	5.0	"	50.00		72.7				

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114230 - EPA 3510C										
LCS (1114230-BS1)				Prepared & Analyzed: 04/01/2011						
4-Chlorophenyl-phenylether	35.2	5.0	ug/L	50.00		70.4				
Diethylphthalate	35.6	5.0	"	50.00		71.3				
4,6-Dinitro-2-methylphenol	32.4	5.0	"	50.00		64.8				
4-Bromophenyl-phenylether	35.1	5.0	"	50.00		70.2				
Hexachlorobenzene	34.9	5.0	"	50.00		69.9				
Pentachlorophenol	37.9	10	"	50.00		75.9	12-103			
Phenanthrene	37.1	5.0	"	50.00		74.2				
Anthracene	35.6	5.0	"	50.00		71.1				
Di-n-butylphthalate	34.4	5.0	"	50.00		68.9				
Fluoranthene	36.5	5.0	"	50.00		73.0				
Pyrene	37.2	5.0	"	50.00		74.3	31-121			
Butylbenzylphthalate	34.7	5.0	"	50.00		69.5				
3,3´-Dichlorobenzidine	30.0	5.0	"	50.00		60.1				
Benz(a)anthracene	35.9	5.0	"	50.00		71.9				
Chrysene	37.0	5.0	"	50.00		74.0				
Bis(2-Ethylhexyl)phthalate	31.5	5.0	"	50.00		62.9				
Di-n-octylphthalate	29.2	5.0	"	50.00		58.5				
Benzo[b]fluoranthene	35.5	5.0	"	50.00		71.0				
Benzo[k]fluoranthene	38.0	5.0	"	50.00		75.9				
Benzo[a]pyrene	37.3	5.0	"	50.00		74.6				
Indeno[1,2,3-cd]pyrene	36.0	5.0	"	50.00		72.1				
Dibenz[a,h]anthracene	33.7	5.0	"	50.00		67.4				
Benzo[g,h,i]perylene	35.5	5.0	"	50.00		70.9				
Surrogate: 2-Fluorophenol	*34.9*		*"*	*75.00*		*46.6*	*0.974-78.2*			
Surrogate: Phenol-d5	*23.9*		*"*	*75.00*		*31.8*	*0-57.5*			
Surrogate: Nitrobenzene-d5	*34.0*		*"*	*50.00*		*68.1*	*15.3-131*			
Surrogate: 2-Fluorobiphenyl	*32.6*		*"*	*50.00*		*65.2*	*3.75-142*			
Surrogate: 2,4,6-Tribromophenol	*51.5*		*"*	*75.00*		*68.6*	*12.5-139*			
Surrogate: Terphenyl-d14	*33.8*		*"*	*50.00*		*67.7*	*16.6-136*			

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114230 - EPA 3510C										
LCS Dup (1114230-BSD1)				Prepared & Analyzed: 04/01/2011						
N-Nitrosodimethylamine	29.4	5.0	ug/L	50.00		58.7		16.7		
Pyridine	21.4	5.0	"	50.00		42.8		7.97		
Aniline	33.9	5.0	"	50.00		67.9		4.49		
Bis(2-Chloroethyl)ether	42.8	5.0	"	50.00		85.6		25.5		
Phenol	22.1	5.0	"	50.00		44.1	11-113	23.0		
2-Chlorophenol	41.8	5.0	"	50.00		83.6	13-109	20.6		
1,4-Dichlorobenzene	37.9	5.0	"	50.00		75.8	34-111	18.9		
Bis(2-chloroisopropyl)ether	41.3	5.0	"	50.00		82.6		20.4		
2-Methylphenol	40.5	5.0	"	50.00		81.0		21.7		
Hexachloroethane	35.4	5.0	"	50.00		70.8		14.5		
4-Methylphenol, 3-Methylphenol	36.9	5.0	"	50.00		73.8		19.3		
Nitrobenzene	42.8	5.0	"	50.00		85.6		21.0		
Isophorone	42.6	5.0	"	50.00		85.2		22.8		
2-Nitrophenol	43.2	5.0	"	50.00		86.4		21.0		
2,4-Dimethylphenol	49.1	5.0	"	50.00		98.2	0-200	22.1		
bis(2-Chloroethoxy)methane	41.0	5.0	"	50.00		82.1		20.7		
2,4-Dichlorophenol	44.1	5.0	"	50.00		88.2	0-200	22.1		
1,2,4-Trichlorobenzene	40.5	5.0	"	50.00		80.9	23-126	21.3		
Naphthalene	40.4	5.0	"	50.00		80.9		19.1		
Hexachlorobutadiene	38.0	5.0	"	50.00		75.9		16.4		
4-Chloro-3-methylphenol	44.1	5.0	"	50.00		88.1	16-127	16.1		
2-Methylnaphthalene	40.8	5.0	"	50.00		81.5		19.4		
Hexachlorocyclopentadiene	41.0	10	"	50.00		81.9		24.5		
2,4,6-Trichlorophenol	45.5	5.0	"	50.00		91.0	0-200	23.3		
2,4,5-Trichlorophenol	46.1	5.0	"	50.00		92.3		21.9		
2-Chloronaphthalene	42.8	5.0	"	50.00		85.5		22.2		
Acenaphthylene	44.7	5.0	"	50.00		89.4		22.3		
Dimethylphthalate	43.3	5.0	"	50.00		86.7		19.2		
2,6-Dinitrotoluene	44.8	5.0	"	50.00		89.7	0-200	18.1		
Acenaphthene	43.3	5.0	"	50.00		86.6	36-123	21.2		
2,4-Dinitrophenol	42.0	10	"	50.00		84.1	0-200	27.0		
Dibenzofuran	45.0	5.0	"	50.00		90.1		21.3		
2,4-Dinitrotoluene	47.9	5.0	"	50.00		95.9	24-123	21.5		
4-Nitrophenol	23.9	10	"	50.00		47.8	0.5-121	14.6		
Fluorene	44.6	5.0	"	50.00		89.3		20.5		

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Acid and Base/Neutral Extractables by EPA Method 8270C - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1114230 - EPA 3510C										
LCS Dup (1114230-BSD1)				Prepared & Analyzed: 04/01/2011						
4-Chlorophenyl-phenylether	42.5	5.0	ug/L	50.00		85.1		18.9		
Diethylphthalate	45.2	5.0	"	50.00		90.3		23.6		
4,6-Dinitro-2-methylphenol	42.7	5.0	"	50.00		85.4		27.5		
4-Bromophenyl-phenylether	41.0	5.0	"	50.00		82.0		15.6		
Hexachlorobenzene	42.6	5.0	"	50.00		85.3		19.8		
Pentachlorophenol	49.4	10	"	50.00		98.9	12-103	26.3		
Phenanthrene	45.9	5.0	"	50.00		91.8		21.2		
Anthracene	44.7	5.0	"	50.00		89.4		22.7		
Di-n-butylphthalate	43.0	5.0	"	50.00		85.9		22.0		
Fluoranthene	46.5	5.0	"	50.00		92.9		24.1		
Pyrene	47.3	5.0	"	50.00		94.6	31-121	24.1		
Butylbenzylphthalate	43.2	5.0	"	50.00		86.3		21.6		
3,3´-Dichlorobenzidine	37.5	5.0	"	50.00		75.0		22.1		
Benz(a)anthracene	45.2	5.0	"	50.00		90.4		22.8		
Chrysene	45.0	5.0	"	50.00		90.0		19.5		
Bis(2-Ethylhexyl)phthalate	39.3	5.0	"	50.00		78.6		22.1		
Di-n-octylphthalate	37.8	5.0	"	50.00		75.5		25.4		
Benzo[b]fluoranthene	46.1	5.0	"	50.00		92.2		25.9		
Benzo[k]fluoranthene	43.3	5.0	"	50.00		86.7		13.2		
Benzo[a]pyrene	46.0	5.0	"	50.00		92.0		20.9		
Indeno[1,2,3-cd]pyrene	43.2	5.0	"	50.00		86.4		18.1		
Dibenz[a,h]anthracene	42.7	5.0	"	50.00		85.5		23.7		
Benzo[g,h,i]perylene	43.8	5.0	"	50.00		87.5		20.9		
Surrogate: 2-Fluorophenol	*42.4*		*"*	*75.00*		*56.5*	*0.974-78.2*			
Surrogate: Phenol-d5	*29.0*		*"*	*75.00*		*38.7*	*0-57.5*			
Surrogate: Nitrobenzene-d5	*40.7*		*"*	*50.00*		*81.4*	*15.3-131*			
Surrogate: 2-Fluorobiphenyl	*38.6*		*"*	*50.00*		*77.2*	*3.75-142*			
Surrogate: 2,4,6-Tribromophenol	*60.1*		*"*	*75.00*		*80.2*	*12.5-139*			
Surrogate: Terphenyl-d14	*39.8*		*"*	*50.00*		*79.6*	*16.6-136*			

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10018
Sequence: M1C2203

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2203-ICV1	Arsenic	40.00	40.4	101	ug/L	EPA 200.8/6020
	Cadmium	40.00	41.7	104	ug/L	EPA 200.8/6020
	Copper	40.00	38.0	95.0	ug/L	EPA 200.8/6020
	Lead	40.00	40.7	102	ug/L	EPA 200.8/6020
M1C2203-ICV2	Arsenic	40.00	38.8	97.1	ug/L	EPA 200.8/6020
	Cadmium	40.00	39.4	98.6	ug/L	EPA 200.8/6020
	Copper	40.00	38.2	95.5	ug/L	EPA 200.8/6020
	Lead	40.00	40.6	101	ug/L	EPA 200.8/6020
M1C2203-CCV1	Arsenic	40.00	39.5	98.9	ug/L	EPA 200.8/6020
	Cadmium	40.00	38.0	95.0	ug/L	EPA 200.8/6020
	Copper	40.00	39.0	97.5	ug/L	EPA 200.8/6020
	Lead	40.00	40.6	102	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10018
Sequence: M1C2303

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2303-ICV1	Antimony	40.00	48.3	121	*	ug/L	EPA 200.8/6020
	Barium	40.00	39.0	97.5		ug/L	EPA 200.8/6020
	Beryllium	40.00	38.6	96.4		ug/L	EPA 200.8/6020
	Chromium	40.00	41.5	104		ug/L	EPA 200.8/6020
	Cobalt	40.00	38.8	97.0		ug/L	EPA 200.8/6020
	Manganese	40.00	41.2	103		ug/L	EPA 200.8/6020
	Nickel	40.00	39.9	99.7		ug/L	EPA 200.8/6020
	Selenium	40.00	38.9	97.3		ug/L	EPA 200.8/6020
	Silver	20.00	21.6	108		ug/L	EPA 200.8/6020
	Thallium	40.00	41.5	104		ug/L	EPA 200.8/6020
	Vanadium	40.00	41.4	104		ug/L	EPA 200.8/6020
	Zinc	40.00	33.7	84.3	*	ug/L	EPA 200.8/6020
	Arsenic	40.00	39.7	99.2		ug/L	EPA 200.8/6020
	Cadmium	40.00	37.6	94.0		ug/L	EPA 200.8/6020
	Copper	40.00	38.4	95.9		ug/L	EPA 200.8/6020
	Lead	40.00	40.8	102		ug/L	EPA 200.8/6020
M1C2303-ICV2	Antimony	100.0	109	109		ug/L	EPA 200.8/6020
	Barium	100.0	101	101		ug/L	EPA 200.8/6020
	Beryllium	100.0	96.4	96.4		ug/L	EPA 200.8/6020
	Chromium	100.0	104	104		ug/L	EPA 200.8/6020
	Cobalt	100.0	102	102		ug/L	EPA 200.8/6020
	Manganese	100.0	102	102		ug/L	EPA 200.8/6020
	Nickel	100.0	102	102		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10018
Sequence: M1C2303

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2303-ICV2	Selenium	100.0	100	100	ug/L	EPA 200.8/6020
	Silver	50.00	54.2	108	ug/L	EPA 200.8/6020
	Thallium	100.0	104	104	ug/L	EPA 200.8/6020
	Vanadium	100.0	104	104	ug/L	EPA 200.8/6020
	Zinc	100.0	88.7	88.7 *	ug/L	EPA 200.8/6020
	Arsenic	100.0	102	102	ug/L	EPA 200.8/6020
	Cadmium	100.0	94.1	94.1	ug/L	EPA 200.8/6020
	Copper	100.0	95.2	95.2	ug/L	EPA 200.8/6020
	Lead	100.0	102	102	ug/L	EPA 200.8/6020
M1C2303-CCV1	Antimony	40.00	42.4	106	ug/L	EPA 200.8/6020
	Barium	40.00	39.7	99.3	ug/L	EPA 200.8/6020
	Beryllium	40.00	38.1	95.2	ug/L	EPA 200.8/6020
	Chromium	40.00	40.2	100	ug/L	EPA 200.8/6020
	Cobalt	40.00	40.5	101	ug/L	EPA 200.8/6020
	Manganese	40.00	40.3	101	ug/L	EPA 200.8/6020
	Nickel	40.00	40.6	101	ug/L	EPA 200.8/6020
	Selenium	40.00	43.3	108	ug/L	EPA 200.8/6020
	Silver	20.00	21.1	105	ug/L	EPA 200.8/6020
	Thallium	40.00	40.7	102	ug/L	EPA 200.8/6020
	Vanadium	40.00	41.5	104	ug/L	EPA 200.8/6020
	Zinc	40.00	33.8	84.4 *	ug/L	EPA 200.8/6020
	Arsenic	40.00	41.0	102	ug/L	EPA 200.8/6020
	Cadmium	40.00	38.3	95.8	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10018
Sequence: M1C2303

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2303-CCV1	Copper	40.00	38.2	95.4		ug/L	EPA 200.8/6020
	Lead	40.00	40.2	100		ug/L	EPA 200.8/6020
M1C2303-CCV2	Antimony	40.00	39.6	99.0		ug/L	EPA 200.8/6020
	Barium	40.00	40.4	101		ug/L	EPA 200.8/6020
	Beryllium	40.00	38.8	97.0		ug/L	EPA 200.8/6020
	Chromium	40.00	40.1	100		ug/L	EPA 200.8/6020
	Cobalt	40.00	41.8	104		ug/L	EPA 200.8/6020
	Manganese	40.00	41.1	103		ug/L	EPA 200.8/6020
	Nickel	40.00	41.8	104		ug/L	EPA 200.8/6020
	Selenium	40.00	38.6	96.6		ug/L	EPA 200.8/6020
	Silver	20.00	21.6	108		ug/L	EPA 200.8/6020
	Thallium	40.00	42.0	105		ug/L	EPA 200.8/6020
	Vanadium	40.00	31.5	78.8	*	ug/L	EPA 200.8/6020
	Zinc	40.00	34.4	85.9	*	ug/L	EPA 200.8/6020
	Arsenic	40.00	39.8	99.5		ug/L	EPA 200.8/6020
	Cadmium	40.00	40.4	101		ug/L	EPA 200.8/6020
	Copper	40.00	39.3	98.2		ug/L	EPA 200.8/6020
	Lead	40.00	41.7	104		ug/L	EPA 200.8/6020
M1C2303-CCV3	Antimony	40.00	43.4	109		ug/L	EPA 200.8/6020
	Barium	40.00	41.6	104		ug/L	EPA 200.8/6020
	Beryllium	40.00	40.0	100		ug/L	EPA 200.8/6020
	Chromium	40.00	43.1	108		ug/L	EPA 200.8/6020
	Cobalt	40.00	42.3	106		ug/L	EPA 200.8/6020

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10018
Sequence: M1C2303

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2303-CCV3	Manganese	40.00	44.8	112	*	ug/L	EPA 200.8/6020
	Nickel	40.00	43.2	108		ug/L	EPA 200.8/6020
	Selenium	40.00	40.1	100		ug/L	EPA 200.8/6020
	Silver	20.00	23.0	115	*	ug/L	EPA 200.8/6020
	Thallium	40.00	42.2	106		ug/L	EPA 200.8/6020
	Vanadium	40.00	37.0	92.6		ug/L	EPA 200.8/6020
	Zinc	40.00	34.7	86.8	*	ug/L	EPA 200.8/6020
	Arsenic	40.00	40.7	102		ug/L	EPA 200.8/6020
	Cadmium	40.00	43.0	108		ug/L	EPA 200.8/6020
	Copper	40.00	40.1	100		ug/L	EPA 200.8/6020
	Lead	40.00	43.5	109		ug/L	EPA 200.8/6020
M1C2303-CCV4	Antimony	40.00	41.0	103		ug/L	EPA 200.8/6020
	Barium	40.00	42.7	107		ug/L	EPA 200.8/6020
	Beryllium	40.00	38.6	96.6		ug/L	EPA 200.8/6020
	Chromium	40.00	43.0	108		ug/L	EPA 200.8/6020
	Cobalt	40.00	43.7	109		ug/L	EPA 200.8/6020
	Manganese	40.00	41.0	102		ug/L	EPA 200.8/6020
	Nickel	40.00	44.2	110		ug/L	EPA 200.8/6020
	Selenium	40.00	43.0	108		ug/L	EPA 200.8/6020
	Silver	20.00	21.7	109		ug/L	EPA 200.8/6020
	Thallium	40.00	45.2	113	*	ug/L	EPA 200.8/6020
	Vanadium	40.00	37.7	94.3		ug/L	EPA 200.8/6020
	Zinc	40.00	35.2	88.0	*	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10018
Sequence: M1C2303

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2303-CCV4	Arsenic	40.00	40.3	101	ug/L	EPA 200.8/6020
	Cadmium	40.00	37.9	94.7	ug/L	EPA 200.8/6020
	Copper	40.00	39.4	98.6	ug/L	EPA 200.8/6020
	Lead	40.00	44.0	110	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10018
Sequence: M1C2306

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2306-CCV1	Manganese	40.00	42.2	106	ug/L	EPA 200.8/6020
	Vanadium	40.00	43.3	108	ug/L	EPA 200.8/6020
M1C2306-CCV2	Manganese	40.00	43.8	110	ug/L	EPA 200.8/6020
	Vanadium	40.00	39.3	98.3	ug/L	EPA 200.8/6020
M1C2306-CCV3	Manganese	40.00	44.2	111 *	ug/L	EPA 200.8/6020
	Vanadium	40.00	38.9	97.3	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10018
Sequence: M1C2307

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2307-ICV1	Zinc	40.00	38.0	95.0	ug/L	EPA 200.8/6020
M1C2307-ICV2	Zinc	40.00	39.4	98.6	ug/L	EPA 200.8/6020
M1C2307-CCV1	Zinc	40.00	39.3	98.2	ug/L	EPA 200.8/6020
M1C2307-CCV2	Zinc	40.00	38.5	96.2	ug/L	EPA 200.8/6020
M1C2307-CCV3	Zinc	40.00	40.7	102	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2401

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2401-CCV1	Dichlorodifluoromethane	20.00	21.5	108		ug/L	EPA 8260B
	Chloromethane	20.00	30.3	152	*	ug/L	EPA 8260B
	Vinyl chloride	20.00	19.2	96.2		ug/L	EPA 8260B
	Bromomethane	20.00	13.7	68.3	*	ug/L	EPA 8260B
	Chloroethane	20.00	18.6	93.0		ug/L	EPA 8260B
	Trichlorofluoromethane	20.00	12.5	62.4	*	ug/L	EPA 8260B
	Acrolein	100.0	91.9	91.9		ug/L	EPA 8260B
	1,1-Dichloroethene	20.00	16.7	83.6		ug/L	EPA 8260B
	Acetone	100.0	104	104		ug/L	EPA 8260B
	Iodomethane	20.00	14.3	71.7	*	ug/L	EPA 8260B
	Carbon disulfide	20.00	17.8	88.8		ug/L	EPA 8260B
	Allyl Chloride (3-Chloropropylene)	20.00	16.2	81.0		ug/L	EPA 8260B
	Acetonitrile	20.00	24.6	123	*	ug/L	EPA 8260B
	Methylene Chloride	20.00	23.6	118		ug/L	EPA 8260B
	Methyl-tert-Butyl Ether	20.00	22.8	114		ug/L	EPA 8260B
	trans-1,2-Dichloroethene	20.00	20.6	103		ug/L	EPA 8260B
	Acrylonitrile	20.00	17.5	87.6		ug/L	EPA 8260B
	1,1-Dichloroethane	20.00	20.9	105		ug/L	EPA 8260B
	Chloroprene	20.00	21.8	109		ug/L	EPA 8260B
	2,2-Dichloropropane	20.00	21.1	105		ug/L	EPA 8260B
	cis-1,2-Dichloroethene	20.00	22.0	110		ug/L	EPA 8260B
	2-Butanone (MEK)	100.0	110	110		ug/L	EPA 8260B
	Propionitrile (Ethyl Cyanide)	20.00	19.1	95.4		ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2401

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2401-CCV1	Bromochloromethane	20.00	19.6	97.8		ug/L	EPA 8260B
	Methacrylonitrile	20.00	21.5	108		ug/L	EPA 8260B
	Chloroform	20.00	22.2	111		ug/L	EPA 8260B
	1,1,1-Trichloroethane	20.00	20.3	101		ug/L	EPA 8260B
	Carbon Tetrachloride	20.00	12.1	60.5	*	ug/L	EPA 8260B
	1,1-Dichloropropene	20.00	20.8	104		ug/L	EPA 8260B
	Benzene	20.00	19.8	98.9		ug/L	EPA 8260B
	Methyl Methacrylate	20.00	24.2	121	*	ug/L	EPA 8260B
	1,2-Dichloroethane	20.00	24.0	120		ug/L	EPA 8260B
	Trichloroethene	20.00	20.7	103		ug/L	EPA 8260B
	1,2-Dichloropropane	20.00	21.8	109		ug/L	EPA 8260B
	2-Chloroethyl Vinyl Ether	20.00	13.7	68.6	*	ug/L	EPA 8260B
	Bromodichloromethane	20.00	21.6	108		ug/L	EPA 8260B
	Dibromomethane	20.00	18.1	90.6		ug/L	EPA 8260B
	Ethyl Methacrylate	20.00	22.1	110		ug/L	EPA 8260B
	Methyl Isobutyl Ketone	100.0	122	122	*	ug/L	EPA 8260B
	cis-1,3-Dichloropropene	20.00	22.0	110		ug/L	EPA 8260B
	Toluene	20.00	21.0	105		ug/L	EPA 8260B
	trans-1,3-Dichloropropene	20.00	22.7	113		ug/L	EPA 8260B
	1,1,2-Trichloroethane	20.00	22.4	112		ug/L	EPA 8260B
	2-Hexanone (MBK)	100.0	119	119		ug/L	EPA 8260B
	1,2-Dibromoethane	20.00	20.4	102		ug/L	EPA 8260B
	Tetrachloroethene	20.00	17.6	88.0		ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2401-CCV1	1,3-Dichloropropane	20.00	22.6	113	ug/L	EPA 8260B
	Dibromochloromethane	20.00	19.7	98.7	ug/L	EPA 8260B
	Chlorobenzene	20.00	19.8	99.2	ug/L	EPA 8260B
	1,1,1,2-Tetrachloroethane	20.00	19.7	98.6	ug/L	EPA 8260B
	Ethylbenzene	20.00	20.8	104	ug/L	EPA 8260B
	m,p-Xylenes	40.00	42.8	107	ug/L	EPA 8260B
	o-Xylene	20.00	21.6	108	ug/L	EPA 8260B
	Styrene	20.00	20.0	100	ug/L	EPA 8260B
	Bromoform	20.00	16.8	84.2	ug/L	EPA 8260B
	Isopropylbenzene (Cumene)	20.00	20.4	102	ug/L	EPA 8260B
	Propylbenzene	20.00	22.7	114	ug/L	EPA 8260B
	1,1,2,2-Tetrachloroethane	20.00	23.1	116	ug/L	EPA 8260B
	2-Chlorotoluene	20.00	22.9	115	ug/L	EPA 8260B
	1,3,5-Trimethylbenzene	20.00	20.5	102	ug/L	EPA 8260B
	1,2,3-Trichloropropane	20.00	22.6	113	ug/L	EPA 8260B
	4-Chlorotoluene	20.00	23.8	119	ug/L	EPA 8260B
	Bromobenzene	20.00	23.8	119	ug/L	EPA 8260B
	tert-Butylbenzene	20.00	20.9	104	ug/L	EPA 8260B
	1,2,4-Trimethylbenzene	20.00	20.6	103	ug/L	EPA 8260B
	sec-Butylbenzene	20.00	20.3	102	ug/L	EPA 8260B
	4-Isopropyltoluene	20.00	20.5	103	ug/L	EPA 8260B
	1,3-Dichlorobenzene	20.00	20.0	100	ug/L	EPA 8260B
	1,4-Dichlorobenzene	20.00	20.1	101	ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2401

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2401-CCV1	trans-1,4-Dichloro-2-butene	20.00	26.8	134	*	ug/L	EPA 8260B
	Butylbenzene	20.00	22.3	112		ug/L	EPA 8260B
	1,2-Dichlorobenzene	20.00	20.5	102		ug/L	EPA 8260B
	1,2-Dibromo-3-chloropropane	20.00	19.4	96.8		ug/L	EPA 8260B
	1,2,4-Trichlorobenzene	20.00	22.8	114		ug/L	EPA 8260B
	Hexachlorobutadiene	20.00	17.1	85.4		ug/L	EPA 8260B
	Naphthalene	20.00	26.4	132	*	ug/L	EPA 8260B
	1,2,3-Trichlorobenzene	20.00	24.8	124	*	ug/L	EPA 8260B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 245.1/7470A

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Hg
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1C2402

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2402-ICV1	Mercury	3.009	3.09	103	ug/L	EPA 245.1/7470A
M1C2402-CCV1	Mercury	3.009	3.11	103	ug/L	EPA 245.1/7470A
M1C2402-CCV2	Mercury	3.009	3.17	105	ug/L	EPA 245.1/7470A
M1C2402-CCV3	Mercury	3.009	3.20	106	ug/L	EPA 245.1/7470A

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2404

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2404-ICV1	N-Nitrosodimethylamine	40.00	37.5	93.7	ug/ml	EPA 8270C
	Pyridine	40.00	39.2	98.1	ug/ml	EPA 8270C
	Pentachloroethane	40.00	38.2	95.5	ug/ml	EPA 8270C
	Aniline	40.00	39.6	98.9	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	38.7	96.8	ug/ml	EPA 8270C
	Phenol	40.00	40.2	100	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	39.6	98.9	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	38.3	95.7	ug/ml	EPA 8270C
	1,4-Dichlorobenzene	40.00	37.6	93.9	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	39.4	98.6	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	37.8	94.5	ug/ml	EPA 8270C
	2-Methylphenol	40.00	39.3	98.2	ug/ml	EPA 8270C
	Hexachloroethane	40.00	38.3	95.8	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	39.2	98.1	ug/ml	EPA 8270C
	Nitrobenzene	40.00	37.8	94.5	ug/ml	EPA 8270C
	Isophorone	40.00	38.0	94.9	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	39.6	99.0	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	39.5	98.8	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	38.2	95.6	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	38.6	96.6	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	37.4	93.4	ug/ml	EPA 8270C
	Naphthalene	40.00	37.1	92.7	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	38.1	95.4	ug/ml	EPA 8270C

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2404

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2404-ICV1	4-Chloro-3-methylphenol	40.00	40.1	100	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	37.8	94.6	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	38.3	95.7	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	37.9	94.8	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	42.1	105	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	38.2	95.6	ug/ml	EPA 8270C
	Acenaphthylene	40.00	38.8	97.1	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	36.6	91.5	ug/ml	EPA 8270C
	2,6-Dinitrotoluene	40.00	37.6	93.9	ug/ml	EPA 8270C
	Acenaphthene	40.00	37.6	94.0	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	40.7	102	ug/ml	EPA 8270C
	Dibenzofuran	40.00	38.2	95.5	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	39.7	99.2	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	37.7	94.2	ug/ml	EPA 8270C
	Fluorene	40.00	37.9	94.8	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	38.3	95.7	ug/ml	EPA 8270C
	Diethylphthalate	40.00	37.9	94.7	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	37.2	93.0	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	37.3	93.2	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	38.6	96.6	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	39.9	99.8	ug/ml	EPA 8270C
	Phenanthrene	40.00	38.2	95.5	ug/ml	EPA 8270C
	Anthracene	40.00	38.2	95.6	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2404

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2404-ICV1	Di-n-butylphthalate	40.00	38.5	96.3	ug/ml	EPA 8270C
	Fluoranthene	40.00	38.5	96.2	ug/ml	EPA 8270C
	Pyrene	40.00	38.9	97.2	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	38.4	95.9	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	38.6	96.6	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	38.2	95.4	ug/ml	EPA 8270C
	Chrysene	40.00	38.5	96.3	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	38.4	96.1	ug/ml	EPA 8270C
	Di-n-octylphthalate	40.00	38.9	97.3	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	38.8	96.9	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	37.6	94.0	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	38.8	96.9	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	38.3	95.7	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	37.7	94.3	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	37.0	92.5	ug/ml	EPA 8270C
M1C2404-CCV1	N-Nitrosodimethylamine	40.00	38.7	96.8	ug/ml	EPA 8270C
	Pyridine	40.00	39.7	99.2	ug/ml	EPA 8270C
	Pentachloroethane	40.00	39.9	99.7	ug/ml	EPA 8270C
	Aniline	40.00	39.9	99.7	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	39.2	97.9	ug/ml	EPA 8270C
	Phenol	40.00	40.3	101	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	40.6	102	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	41.0	102	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2404

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2404-CCV1	1,4-Dichlorobenzene	40.00	40.7	102	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	39.8	99.6	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	40.9	102	ug/ml	EPA 8270C
	2-Methylphenol	40.00	41.0	102	ug/ml	EPA 8270C
	Hexachloroethane	40.00	39.9	99.6	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	40.8	102	ug/ml	EPA 8270C
	Nitrobenzene	40.00	39.9	99.8	ug/ml	EPA 8270C
	Isophorone	40.00	40.3	101	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	42.0	105	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	40.2	101	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	40.1	100	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	41.0	103	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	40.7	102	ug/ml	EPA 8270C
	Naphthalene	40.00	40.5	101	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	40.5	101	ug/ml	EPA 8270C
	4-Chloro-3-methylphenol	40.00	40.3	101	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	40.3	101	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	38.0	95.1	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	40.8	102	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	40.6	101	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	40.6	102	ug/ml	EPA 8270C
	Acenaphthylene	40.00	40.3	101	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	38.4	96.1	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2404

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2404-CCV1	2,6-Dinitrotoluene	40.00	40.1	100	ug/ml	EPA 8270C
	Acenaphthene	40.00	40.2	101	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	40.0	100	ug/ml	EPA 8270C
	Dibenzofuran	40.00	39.9	99.7	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	42.1	105	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	40.9	102	ug/ml	EPA 8270C
	Fluorene	40.00	41.8	104	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	40.6	102	ug/ml	EPA 8270C
	Diethylphthalate	40.00	39.3	98.3	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	39.2	98.0	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	38.4	96.0	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	40.2	101	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	39.8	99.6	ug/ml	EPA 8270C
	Phenanthrene	40.00	40.8	102	ug/ml	EPA 8270C
	Anthracene	40.00	40.2	100	ug/ml	EPA 8270C
	Di-n-butylphthalate	40.00	41.2	103	ug/ml	EPA 8270C
	Fluoranthene	40.00	41.7	104	ug/ml	EPA 8270C
	Pyrene	40.00	41.1	103	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	41.0	103	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	39.3	98.2	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	39.2	97.9	ug/ml	EPA 8270C
	Chrysene	40.00	39.8	99.6	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	39.9	99.8	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2404

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2404-CCV1	Di-n-octylphthalate	40.00	40.4	101	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	41.7	104	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	40.2	101	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	41.1	103	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	40.5	101	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	41.0	102	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	39.4	98.6	ug/ml	EPA 8270C
M1C2404-CCV2	N-Nitrosodimethylamine	40.00	39.5	98.8	ug/ml	EPA 8270C
	Pyridine	40.00	39.9	99.8	ug/ml	EPA 8270C
	Pentachloroethane	40.00	42.1	105	ug/ml	EPA 8270C
	Aniline	40.00	41.1	103	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	39.8	99.6	ug/ml	EPA 8270C
	Phenol	40.00	40.8	102	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	40.7	102	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	41.0	103	ug/ml	EPA 8270C
	1,4-Dichlorobenzene	40.00	40.2	101	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	39.8	99.6	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	40.6	101	ug/ml	EPA 8270C
	2-Methylphenol	40.00	40.2	100	ug/ml	EPA 8270C
	Hexachloroethane	40.00	40.2	100	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	40.4	101	ug/ml	EPA 8270C
	Nitrobenzene	40.00	39.5	98.8	ug/ml	EPA 8270C
	Isophorone	40.00	40.5	101	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2404

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2404-CCV2	2-Nitrophenol	40.00	40.2	100	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	40.2	100	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	39.5	98.8	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	40.8	102	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	39.1	97.8	ug/ml	EPA 8270C
	Naphthalene	40.00	39.2	98.0	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	40.0	100	ug/ml	EPA 8270C
	4-Chloro-3-methylphenol	40.00	41.0	102	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	39.2	98.1	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	38.7	96.7	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	40.6	101	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	40.2	100	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	40.0	99.9	ug/ml	EPA 8270C
	Acenaphthylene	40.00	39.7	99.3	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	38.6	96.4	ug/ml	EPA 8270C
	2,6-Dinitrotoluene	40.00	38.7	96.8	ug/ml	EPA 8270C
	Acenaphthene	40.00	40.4	101	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	39.2	97.9	ug/ml	EPA 8270C
	Dibenzofuran	40.00	40.5	101	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	42.2	105	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	40.0	100	ug/ml	EPA 8270C
	Fluorene	40.00	39.2	98.0	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	41.1	103	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2404

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2404-CCV2	Diethylphthalate	40.00	40.3	101	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	37.5	93.7	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	39.0	97.6	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	40.8	102	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	39.6	99.0	ug/ml	EPA 8270C
	Phenanthrene	40.00	40.4	101	ug/ml	EPA 8270C
	Anthracene	40.00	40.3	101	ug/ml	EPA 8270C
	Di-n-butylphthalate	40.00	42.0	105	ug/ml	EPA 8270C
	Fluoranthene	40.00	41.8	104	ug/ml	EPA 8270C
	Pyrene	40.00	40.7	102	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	40.3	101	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	40.1	100	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	40.2	101	ug/ml	EPA 8270C
	Chrysene	40.00	39.8	99.5	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	41.1	103	ug/ml	EPA 8270C
	Di-n-octylphthalate	40.00	38.9	97.2	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	40.7	102	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	38.1	95.2	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	39.1	97.8	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	39.5	98.7	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	39.8	99.4	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	39.2	98.0	ug/ml	EPA 8270C

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1C2405

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2405-ICV1	Calcium (dissolved)	10.00	9.59	95.9	mg/L	EPA 200.7/6010B
	Iron (dissolved)	5.000	4.99	99.8	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	10.00	9.95	99.5	mg/L	EPA 200.7/6010B
	Calcium	10.00	9.59	95.9	mg/L	EPA 200.7/6010B
	Iron	5.000	4.99	99.8	mg/L	EPA 200.7/6010B
	Magnesium	10.00	9.95	99.5	mg/L	EPA 200.7/6010B
	Potassium	10.00	10.1	101	mg/L	EPA 200.7/6010B
	Sodium	10.00	10.2	102	mg/L	EPA 200.7/6010B
M1C2405-CCV2	Calcium (dissolved)	5.000	4.87	97.4	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.507	101	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	5.13	103	mg/L	EPA 200.7/6010B
	Calcium	5.000	4.87	97.4	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.507	101	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.13	103	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.01	100	mg/L	EPA 200.7/6010B
	Sodium	5.000	5.49	110	mg/L	EPA 200.7/6010B
M1C2405-CCV3	Calcium (dissolved)	5.000	4.87	97.5	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.521	104	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	5.16	103	mg/L	EPA 200.7/6010B
	Calcium	5.000	4.87	97.5	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.521	104	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.16	103	mg/L	EPA 200.7/6010B
	Potassium	5.000	4.98	99.6	mg/L	EPA 200.7/6010B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1C2405

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2405-CCV3	Sodium	5.000	5.46	109	mg/L	EPA 200.7/6010B
M1C2405-CCV4	Calcium (dissolved)	5.000	4.91	98.3	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.514	103	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	5.20	104	mg/L	EPA 200.7/6010B
	Calcium	5.000	4.91	98.3	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.514	103	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.20	104	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.01	100	mg/L	EPA 200.7/6010B
	Sodium	5.000	5.52	110	mg/L	EPA 200.7/6010B
M1C2405-CCV5	Calcium (dissolved)	5.000	4.89	97.9	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.516	103	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	5.20	104	mg/L	EPA 200.7/6010B
	Calcium	5.000	4.89	97.9	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.516	103	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.20	104	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.00	100	mg/L	EPA 200.7/6010B
	Sodium	5.000	5.52	110	mg/L	EPA 200.7/6010B
M1C2405-CCV6	Calcium (dissolved)	5.000	4.85	97.1	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.545	109	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	5.15	103	mg/L	EPA 200.7/6010B
	Calcium	5.000	4.85	97.1	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.545	109	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.15	103	mg/L	EPA 200.7/6010B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1C2405

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2405-CCV6	Potassium	5.000	4.99	99.8	mg/L	EPA 200.7/6010B
	Sodium	5.000	5.45	109	mg/L	EPA 200.7/6010B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2501-CCV1	N-Nitrosodimethylamine	40.00	38.3	95.8	ug/ml	EPA 8270C
	Pyridine	40.00	39.0	97.4	ug/ml	EPA 8270C
	Pentachloroethane	40.00	39.7	99.2	ug/ml	EPA 8270C
	Aniline	40.00	38.1	95.4	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	38.4	96.1	ug/ml	EPA 8270C
	Phenol	40.00	39.1	97.8	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	38.5	96.2	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	38.2	95.6	ug/ml	EPA 8270C
	1,4-Dichlorobenzene	40.00	40.0	100	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	38.5	96.2	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	39.6	98.9	ug/ml	EPA 8270C
	2-Methylphenol	40.00	39.2	98.0	ug/ml	EPA 8270C
	Hexachloroethane	40.00	38.9	97.4	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	39.6	99.1	ug/ml	EPA 8270C
	Nitrobenzene	40.00	38.4	96.1	ug/ml	EPA 8270C
	Isophorone	40.00	37.8	94.6	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	38.5	96.3	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	38.7	96.7	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	36.9	92.4	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	38.8	97.0	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	38.0	95.0	ug/ml	EPA 8270C
	Naphthalene	40.00	37.4	93.6	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	39.0	97.6	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2501-CCV1	4-Chloro-3-methylphenol	40.00	39.1	97.7	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	37.3	93.2	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	38.4	96.1	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	37.6	94.0	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	40.1	100	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	37.0	92.6	ug/ml	EPA 8270C
	Acenaphthylene	40.00	38.1	95.2	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	35.1	87.8	ug/ml	EPA 8270C
	2,6-Dinitrotoluene	40.00	37.4	93.5	ug/ml	EPA 8270C
	Acenaphthene	40.00	37.4	93.6	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	36.7	91.8	ug/ml	EPA 8270C
	Dibenzofuran	40.00	37.6	94.0	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	38.1	95.2	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	34.8	86.9	ug/ml	EPA 8270C
	Fluorene	40.00	37.4	93.6	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	37.4	93.6	ug/ml	EPA 8270C
	Diethylphthalate	40.00	36.7	91.8	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	36.0	90.1	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	37.4	93.5	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	39.2	98.0	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	40.8	102	ug/ml	EPA 8270C
	Phenanthrene	40.00	38.8	96.9	ug/ml	EPA 8270C
	Anthracene	40.00	38.1	95.2	ug/ml	EPA 8270C

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2501-CCV1	Di-n-butylphthalate	40.00	40.4	101	ug/ml	EPA 8270C
	Fluoranthene	40.00	40.1	100	ug/ml	EPA 8270C
	Pyrene	40.00	37.8	94.4	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	37.9	94.8	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	37.8	94.4	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	37.4	93.6	ug/ml	EPA 8270C
	Chrysene	40.00	38.3	95.7	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	40.2	100	ug/ml	EPA 8270C
	Di-n-octylphthalate	40.00	37.9	94.8	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	37.5	93.8	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	37.6	93.9	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	39.1	97.8	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	38.6	96.4	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	38.7	96.7	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	39.5	98.8	ug/ml	EPA 8270C
M1C2501-CCV2	N-Nitrosodimethylamine	40.00	38.7	96.6	ug/ml	EPA 8270C
	Pyridine	40.00	39.4	98.5	ug/ml	EPA 8270C
	Pentachloroethane	40.00	38.1	95.2	ug/ml	EPA 8270C
	Aniline	40.00	38.0	95.1	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	36.7	91.8	ug/ml	EPA 8270C
	Phenol	40.00	38.6	96.5	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	38.2	95.6	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	38.4	96.0	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2501-CCV2	1,4-Dichlorobenzene	40.00	39.4	98.5	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	39.1	97.8	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	39.7	99.3	ug/ml	EPA 8270C
	2-Methylphenol	40.00	39.0	97.5	ug/ml	EPA 8270C
	Hexachloroethane	40.00	38.5	96.3	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	38.5	96.2	ug/ml	EPA 8270C
	Nitrobenzene	40.00	38.0	95.1	ug/ml	EPA 8270C
	Isophorone	40.00	38.1	95.2	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	37.3	93.3	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	38.8	97.0	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	37.5	93.8	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	38.9	97.3	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	37.1	92.8	ug/ml	EPA 8270C
	Naphthalene	40.00	37.0	92.6	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	37.6	94.0	ug/ml	EPA 8270C
	4-Chloro-3-methylphenol	40.00	38.6	96.5	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	36.8	92.1	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	38.6	96.6	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	40.4	101	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	42.3	106	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	38.9	97.3	ug/ml	EPA 8270C
	Acenaphthylene	40.00	38.9	97.2	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	37.6	94.1	ug/ml	EPA 8270C

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2501-CCV2	2,6-Dinitrotoluene	40.00	37.8	94.6	ug/ml	EPA 8270C
	Acenaphthene	40.00	38.1	95.4	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	36.4	91.0	ug/ml	EPA 8270C
	Dibenzofuran	40.00	38.4	95.9	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	41.8	104	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	37.0	92.5	ug/ml	EPA 8270C
	Fluorene	40.00	39.0	97.6	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	38.9	97.4	ug/ml	EPA 8270C
	Diethylphthalate	40.00	38.7	96.7	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	37.3	93.2	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	36.7	91.7	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	38.0	95.1	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	38.9	97.3	ug/ml	EPA 8270C
	Phenanthrene	40.00	38.6	96.6	ug/ml	EPA 8270C
	Anthracene	40.00	38.7	96.6	ug/ml	EPA 8270C
	Di-n-butylphthalate	40.00	40.0	100	ug/ml	EPA 8270C
	Fluoranthene	40.00	39.0	97.5	ug/ml	EPA 8270C
	Pyrene	40.00	38.7	96.8	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	38.8	97.0	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	38.5	96.3	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	37.5	93.8	ug/ml	EPA 8270C
	Chrysene	40.00	37.5	93.6	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	40.4	101	ug/ml	EPA 8270C

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2501-CCV2	Di-n-octylphthalate	40.00	38.9	97.4	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	38.3	95.8	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	36.9	92.4	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	38.6	96.4	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	39.8	99.4	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	39.7	99.2	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	38.7	96.7	ug/ml	EPA 8270C
M1C2501-CCV3	N-Nitrosodimethylamine	40.00	44.6	111	ug/ml	EPA 8270C
	Pyridine	40.00	46.9	117	ug/ml	EPA 8270C
	Pentachloroethane	40.00	37.0	92.4	ug/ml	EPA 8270C
	Aniline	40.00	39.2	97.9	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	39.6	99.1	ug/ml	EPA 8270C
	Phenol	40.00	35.2	88.0	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	36.8	91.9	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	37.9	94.8	ug/ml	EPA 8270C
	1,4-Dichlorobenzene	40.00	38.1	95.3	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	37.8	94.6	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	36.8	92.0	ug/ml	EPA 8270C
	2-Methylphenol	40.00	41.4	104	ug/ml	EPA 8270C
	Hexachloroethane	40.00	38.2	95.6	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	42.6	106	ug/ml	EPA 8270C
	Nitrobenzene	40.00	43.6	109	ug/ml	EPA 8270C
	Isophorone	40.00	42.0	105	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2501-CCV3	2-Nitrophenol	40.00	39.5	98.7	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	42.0	105	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	41.8	105	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	39.5	98.7	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	38.0	95.0	ug/ml	EPA 8270C
	Naphthalene	40.00	38.4	96.1	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	39.7	99.2	ug/ml	EPA 8270C
	4-Chloro-3-methylphenol	40.00	42.0	105	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	36.5	91.2	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	33.5	83.8	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	36.7	91.8	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	37.1	92.7	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	35.7	89.2	ug/ml	EPA 8270C
	Acenaphthylene	40.00	37.2	93.0	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	34.5	86.3	ug/ml	EPA 8270C
	2,6-Dinitrotoluene	40.00	36.9	92.3	ug/ml	EPA 8270C
	Acenaphthene	40.00	37.4	93.6	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	36.7	91.8	ug/ml	EPA 8270C
	Dibenzofuran	40.00	38.8	97.1	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	34.8	87.0	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	32.8	82.0	ug/ml	EPA 8270C
	Fluorene	40.00	38.6	96.6	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	40.6	101	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2501-CCV3	Diethylphthalate	40.00	32.6	81.5		ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	36.6	91.6		ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	41.8	104		ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	37.7	94.2		ug/ml	EPA 8270C
	Pentachlorophenol	40.00	37.7	94.3		ug/ml	EPA 8270C
	Phenanthrene	40.00	38.1	95.3		ug/ml	EPA 8270C
	Anthracene	40.00	38.8	97.1		ug/ml	EPA 8270C
	Di-n-butylphthalate	40.00	38.8	97.0		ug/ml	EPA 8270C
	Fluoranthene	40.00	36.7	91.6		ug/ml	EPA 8270C
	Pyrene	40.00	40.6	102		ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	42.7	107		ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	57.1	143	*	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	40.5	101		ug/ml	EPA 8270C
	Chrysene	40.00	41.5	104		ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	42.8	107		ug/ml	EPA 8270C
	Di-n-octylphthalate	40.00	35.7	89.3		ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	33.9	84.8		ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	40.0	100		ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	36.5	91.2		ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	38.2	95.5		ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	39.5	98.7		ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	39.5	98.7		ug/ml	EPA 8270C
M1C2501-CCV4	N-Nitrosodimethylamine	40.00	42.2	105		ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2501-CCV4	Pyridine	40.00	45.4	114	ug/ml	EPA 8270C
	Pentachloroethane	40.00	35.8	89.6	ug/ml	EPA 8270C
	Aniline	40.00	39.6	99.1	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	38.4	95.9	ug/ml	EPA 8270C
	Phenol	40.00	35.0	87.5	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	36.6	91.5	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	37.5	93.7	ug/ml	EPA 8270C
	1,4-Dichlorobenzene	40.00	38.4	95.9	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	36.7	91.7	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	36.5	91.3	ug/ml	EPA 8270C
	2-Methylphenol	40.00	41.4	104	ug/ml	EPA 8270C
	Hexachloroethane	40.00	37.8	94.6	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	42.1	105	ug/ml	EPA 8270C
	Nitrobenzene	40.00	42.4	106	ug/ml	EPA 8270C
	Isophorone	40.00	42.4	106	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	40.5	101	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	41.5	104	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	40.9	102	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	38.7	96.7	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	37.4	93.5	ug/ml	EPA 8270C
	Naphthalene	40.00	39.0	97.4	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	39.2	98.0	ug/ml	EPA 8270C
	4-Chloro-3-methylphenol	40.00	41.5	104	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2501-CCV4	2-Methylnaphthalene	40.00	37.5	93.7	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	34.4	86.0	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	36.4	90.9	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	37.4	93.6	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	36.0	90.1	ug/ml	EPA 8270C
	Acenaphthylene	40.00	37.4	93.5	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	35.0	87.5	ug/ml	EPA 8270C
	2,6-Dinitrotoluene	40.00	37.6	94.1	ug/ml	EPA 8270C
	Acenaphthene	40.00	37.4	93.4	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	35.4	88.5	ug/ml	EPA 8270C
	Dibenzofuran	40.00	38.5	96.3	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	35.2	88.0	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	33.4	83.6	ug/ml	EPA 8270C
	Fluorene	40.00	38.0	94.9	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	40.5	101	ug/ml	EPA 8270C
	Diethylphthalate	40.00	33.6	83.9	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	37.2	92.9	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	39.4	98.6	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	37.7	94.4	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	36.4	91.1	ug/ml	EPA 8270C
	Phenanthrene	40.00	37.2	92.9	ug/ml	EPA 8270C
	Anthracene	40.00	37.5	93.8	ug/ml	EPA 8270C
	Di-n-butylphthalate	40.00	37.8	94.5	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C2501

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2501-CCV4	Fluoranthene	40.00	37.1	92.8		ug/ml	EPA 8270C
	Pyrene	40.00	40.4	101		ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	42.3	106		ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	56.7	142	*	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	39.7	99.4		ug/ml	EPA 8270C
	Chrysene	40.00	42.1	105		ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	42.4	106		ug/ml	EPA 8270C
	Di-n-octylphthalate	40.00	35.6	89.1		ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	34.0	85.0		ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	40.0	99.9		ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	36.2	90.5		ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	38.4	96.1		ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	39.0	97.4		ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	38.9	97.2		ug/ml	EPA 8270C

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2504

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2504-CCV1	Dichlorodifluoromethane	20.00	23.1	115		ug/L	EPA 8260B
	Chloromethane	20.00	28.6	143	*	ug/L	EPA 8260B
	Vinyl chloride	20.00	19.9	99.4		ug/L	EPA 8260B
	Bromomethane	20.00	14.8	73.8	*	ug/L	EPA 8260B
	Chloroethane	20.00	19.1	95.3		ug/L	EPA 8260B
	Trichlorofluoromethane	20.00	16.8	83.8		ug/L	EPA 8260B
	Acrolein	100.0	82.1	82.1		ug/L	EPA 8260B
	1,1-Dichloroethene	20.00	17.7	88.3		ug/L	EPA 8260B
	Acetone	100.0	101	101		ug/L	EPA 8260B
	Iodomethane	20.00	16.0	80.0		ug/L	EPA 8260B
	Carbon disulfide	20.00	17.8	89.2		ug/L	EPA 8260B
	Allyl Chloride (3-Chloropropylene)	20.00	16.7	83.6		ug/L	EPA 8260B
	Acetonitrile	20.00	25.6	128	*	ug/L	EPA 8260B
	Methylene Chloride	20.00	23.5	118		ug/L	EPA 8260B
	Methyl-tert-Butyl Ether	20.00	22.6	113		ug/L	EPA 8260B
	trans-1,2-Dichloroethene	20.00	20.2	101		ug/L	EPA 8260B
	Acrylonitrile	20.00	19.0	94.8		ug/L	EPA 8260B
	1,1-Dichloroethane	20.00	20.9	104		ug/L	EPA 8260B
	Chloroprene	20.00	22.0	110		ug/L	EPA 8260B
	2,2-Dichloropropane	20.00	21.0	105		ug/L	EPA 8260B
	cis-1,2-Dichloroethene	20.00	21.7	108		ug/L	EPA 8260B
	2-Butanone (MEK)	100.0	111	111		ug/L	EPA 8260B
	Propionitrile (Ethyl Cyanide)	20.00	18.9	94.4		ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2504

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2504-CCV1	Bromochloromethane	20.00	19.8	98.8		ug/L	EPA 8260B
	Methacrylonitrile	20.00	22.4	112		ug/L	EPA 8260B
	Chloroform	20.00	22.1	110		ug/L	EPA 8260B
	1,1,1-Trichloroethane	20.00	20.1	101		ug/L	EPA 8260B
	Carbon Tetrachloride	20.00	13.6	68.1	*	ug/L	EPA 8260B
	1,1-Dichloropropene	20.00	20.6	103		ug/L	EPA 8260B
	Benzene	20.00	19.9	99.4		ug/L	EPA 8260B
	Methyl Methacrylate	20.00	24.2	121	*	ug/L	EPA 8260B
	1,2-Dichloroethane	20.00	24.6	123	*	ug/L	EPA 8260B
	Trichloroethene	20.00	20.7	104		ug/L	EPA 8260B
	1,2-Dichloropropane	20.00	21.5	108		ug/L	EPA 8260B
	2-Chloroethyl Vinyl Ether	20.00	13.3	66.6	*	ug/L	EPA 8260B
	Bromodichloromethane	20.00	21.3	107		ug/L	EPA 8260B
	Dibromomethane	20.00	17.7	88.7		ug/L	EPA 8260B
	Ethyl Methacrylate	20.00	22.8	114		ug/L	EPA 8260B
	Methyl Isobutyl Ketone	100.0	122	122	*	ug/L	EPA 8260B
	cis-1,3-Dichloropropene	20.00	22.6	113		ug/L	EPA 8260B
	Toluene	20.00	21.2	106		ug/L	EPA 8260B
	trans-1,3-Dichloropropene	20.00	22.9	115		ug/L	EPA 8260B
	1,1,2-Trichloroethane	20.00	22.2	111		ug/L	EPA 8260B
	2-Hexanone (MBK)	100.0	121	121	*	ug/L	EPA 8260B
	1,2-Dibromoethane	20.00	20.6	103		ug/L	EPA 8260B
	Tetrachloroethene	20.00	17.1	85.6		ug/L	EPA 8260B

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2504

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2504-CCV1	1,3-Dichloropropane	20.00	22.3	111		ug/L	EPA 8260B
	Dibromochloromethane	20.00	19.7	98.5		ug/L	EPA 8260B
	Chlorobenzene	20.00	19.4	97.2		ug/L	EPA 8260B
	1,1,1,2-Tetrachloroethane	20.00	19.5	97.6		ug/L	EPA 8260B
	Ethylbenzene	20.00	21.0	105		ug/L	EPA 8260B
	m,p-Xylenes	40.00	42.4	106		ug/L	EPA 8260B
	o-Xylene	20.00	21.3	107		ug/L	EPA 8260B
	Styrene	20.00	19.8	98.8		ug/L	EPA 8260B
	Bromoform	20.00	16.6	83.0		ug/L	EPA 8260B
	Isopropylbenzene (Cumene)	20.00	21.0	105		ug/L	EPA 8260B
	Propylbenzene	20.00	23.6	118		ug/L	EPA 8260B
	1,1,2,2-Tetrachloroethane	20.00	23.5	118		ug/L	EPA 8260B
	2-Chlorotoluene	20.00	23.8	119		ug/L	EPA 8260B
	1,3,5-Trimethylbenzene	20.00	20.6	103		ug/L	EPA 8260B
	1,2,3-Trichloropropane	20.00	22.3	111		ug/L	EPA 8260B
	4-Chlorotoluene	20.00	24.1	120		ug/L	EPA 8260B
	Bromobenzene	20.00	24.2	121	*	ug/L	EPA 8260B
	tert-Butylbenzene	20.00	21.5	108		ug/L	EPA 8260B
	1,2,4-Trimethylbenzene	20.00	20.9	105		ug/L	EPA 8260B
	sec-Butylbenzene	20.00	20.5	103		ug/L	EPA 8260B
	4-Isopropyltoluene	20.00	21.0	105		ug/L	EPA 8260B
	1,3-Dichlorobenzene	20.00	20.0	100		ug/L	EPA 8260B
	1,4-Dichlorobenzene	20.00	20.4	102		ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2504

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2504-CCV1	trans-1,4-Dichloro-2-butene	20.00	27.1	136	*	ug/L	EPA 8260B
	Butylbenzene	20.00	23.2	116		ug/L	EPA 8260B
	1,2-Dichlorobenzene	20.00	20.5	102		ug/L	EPA 8260B
	1,2-Dibromo-3-chloropropane	20.00	20.9	104		ug/L	EPA 8260B
	1,2,4-Trichlorobenzene	20.00	21.9	110		ug/L	EPA 8260B
	Hexachlorobutadiene	20.00	16.8	84.0		ug/L	EPA 8260B
	Naphthalene	20.00	25.2	126	*	ug/L	EPA 8260B
	1,2,3-Trichlorobenzene	20.00	22.8	114		ug/L	EPA 8260B

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 245.1/7470A

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Hg
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1C2510

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2510-ICV1	Mercury	3.009	3.11	103	ug/L	EPA 245.1/7470A
M1C2510-CCV1	Mercury	3.009	3.10	103	ug/L	EPA 245.1/7470A
M1C2510-CCV2	Mercury	3.009	3.17	105	ug/L	EPA 245.1/7470A

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2803-CCV1	Dichlorodifluoromethane	20.00	21.9	110		ug/L	EPA 8260B
	Chloromethane	20.00	24.5	122	*	ug/L	EPA 8260B
	Vinyl chloride	20.00	18.2	91.0		ug/L	EPA 8260B
	Bromomethane	20.00	17.3	86.3		ug/L	EPA 8260B
	Chloroethane	20.00	18.0	90.0		ug/L	EPA 8260B
	Trichlorofluoromethane	20.00	16.3	81.7		ug/L	EPA 8260B
	Acrolein	100.0	81.1	81.1		ug/L	EPA 8260B
	1,1-Dichloroethene	20.00	18.3	91.4		ug/L	EPA 8260B
	Acetone	100.0	91.7	91.7		ug/L	EPA 8260B
	Iodomethane	20.00	16.4	81.9		ug/L	EPA 8260B
	Carbon disulfide	20.00	17.0	85.2		ug/L	EPA 8260B
	Allyl Chloride (3-Chloropropylene)	20.00	16.0	80.2		ug/L	EPA 8260B
	Acetonitrile	20.00	21.8	109		ug/L	EPA 8260B
	Methylene Chloride	20.00	22.2	111		ug/L	EPA 8260B
	Methyl-tert-Butyl Ether	20.00	23.0	115		ug/L	EPA 8260B
	trans-1,2-Dichloroethene	20.00	19.8	98.8		ug/L	EPA 8260B
	Acrylonitrile	20.00	20.4	102		ug/L	EPA 8260B
	1,1-Dichloroethane	20.00	21.4	107		ug/L	EPA 8260B
	Chloroprene	20.00	20.6	103		ug/L	EPA 8260B
	2,2-Dichloropropane	20.00	22.0	110		ug/L	EPA 8260B
	cis-1,2-Dichloroethene	20.00	21.2	106		ug/L	EPA 8260B
	2-Butanone (MEK)	100.0	98.5	98.5		ug/L	EPA 8260B
	Propionitrile (Ethyl Cyanide)	20.00	17.3	86.6		ug/L	EPA 8260B

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2803-CCV1	Bromochloromethane	20.00	17.6	88.2		ug/L	EPA 8260B
	Methacrylonitrile	20.00	19.7	98.6		ug/L	EPA 8260B
	Chloroform	20.00	23.0	115		ug/L	EPA 8260B
	1,1,1-Trichloroethane	20.00	21.6	108		ug/L	EPA 8260B
	Carbon Tetrachloride	20.00	15.3	76.6	*	ug/L	EPA 8260B
	1,1-Dichloropropene	20.00	20.9	104		ug/L	EPA 8260B
	Benzene	20.00	20.2	101		ug/L	EPA 8260B
	Methyl Methacrylate	20.00	22.4	112		ug/L	EPA 8260B
	1,2-Dichloroethane	20.00	24.2	121	*	ug/L	EPA 8260B
	Trichloroethene	20.00	21.4	107		ug/L	EPA 8260B
	1,2-Dichloropropane	20.00	21.8	109		ug/L	EPA 8260B
	2-Chloroethyl Vinyl Ether	20.00	14.1	70.6	*	ug/L	EPA 8260B
	Bromodichloromethane	20.00	22.3	111		ug/L	EPA 8260B
	Dibromomethane	20.00	20.8	104		ug/L	EPA 8260B
	Ethyl Methacrylate	20.00	22.7	113		ug/L	EPA 8260B
	Methyl Isobutyl Ketone	100.0	110	110		ug/L	EPA 8260B
	cis-1,3-Dichloropropene	20.00	22.7	114		ug/L	EPA 8260B
	Toluene	20.00	21.8	109		ug/L	EPA 8260B
	trans-1,3-Dichloropropene	20.00	22.6	113		ug/L	EPA 8260B
	1,1,2-Trichloroethane	20.00	22.2	111		ug/L	EPA 8260B
	2-Hexanone (MBK)	100.0	108	108		ug/L	EPA 8260B
	1,2-Dibromoethane	20.00	21.2	106		ug/L	EPA 8260B
	Tetrachloroethene	20.00	17.3	86.6		ug/L	EPA 8260B

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2803

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2803-CCV1	1,3-Dichloropropane	20.00	20.6	103	ug/L	EPA 8260B
	Dibromochloromethane	20.00	20.0	99.8	ug/L	EPA 8260B
	Chlorobenzene	20.00	19.8	98.9	ug/L	EPA 8260B
	1,1,1,2-Tetrachloroethane	20.00	19.9	99.7	ug/L	EPA 8260B
	Ethylbenzene	20.00	20.3	102	ug/L	EPA 8260B
	m,p-Xylenes	40.00	41.0	102	ug/L	EPA 8260B
	o-Xylene	20.00	21.0	105	ug/L	EPA 8260B
	Styrene	20.00	19.8	98.8	ug/L	EPA 8260B
	Bromoform	20.00	17.7	88.5	ug/L	EPA 8260B
	Isopropylbenzene (Cumene)	20.00	20.4	102	ug/L	EPA 8260B
	Propylbenzene	20.00	22.2	111	ug/L	EPA 8260B
	1,1,2,2-Tetrachloroethane	20.00	21.8	109	ug/L	EPA 8260B
	2-Chlorotoluene	20.00	22.6	113	ug/L	EPA 8260B
	1,3,5-Trimethylbenzene	20.00	20.1	100	ug/L	EPA 8260B
	1,2,3-Trichloropropane	20.00	22.3	112	ug/L	EPA 8260B
	4-Chlorotoluene	20.00	22.7	114	ug/L	EPA 8260B
	Bromobenzene	20.00	22.9	114	ug/L	EPA 8260B
	tert-Butylbenzene	20.00	21.1	106	ug/L	EPA 8260B
	1,2,4-Trimethylbenzene	20.00	20.2	101	ug/L	EPA 8260B
	sec-Butylbenzene	20.00	20.1	101	ug/L	EPA 8260B
	4-Isopropyltoluene	20.00	20.2	101	ug/L	EPA 8260B
	1,3-Dichlorobenzene	20.00	20.2	101	ug/L	EPA 8260B
	1,4-Dichlorobenzene	20.00	20.2	101	ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2803-CCV1	trans-1,4-Dichloro-2-butene	20.00	23.2	116		ug/L	EPA 8260B
	Butylbenzene	20.00	20.9	105		ug/L	EPA 8260B
	1,2-Dichlorobenzene	20.00	19.8	99.2		ug/L	EPA 8260B
	1,2-Dibromo-3-chloropropane	20.00	19.7	98.6		ug/L	EPA 8260B
	1,2,4-Trichlorobenzene	20.00	21.2	106		ug/L	EPA 8260B
	Hexachlorobutadiene	20.00	16.6	83.0		ug/L	EPA 8260B
	Naphthalene	20.00	24.6	123	*	ug/L	EPA 8260B
	1,2,3-Trichlorobenzene	20.00	22.2	111		ug/L	EPA 8260B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10025
Sequence: M1C2903

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2903-ICV1	Antimony	40.00	49.1	123	*	ug/L	EPA 200.8/6020
	Arsenic	40.00	40.2	101		ug/L	EPA 200.8/6020
	Barium	40.00	39.2	97.9		ug/L	EPA 200.8/6020
	Beryllium	40.00	39.0	97.5		ug/L	EPA 200.8/6020
	Cadmium	40.00	38.6	96.5		ug/L	EPA 200.8/6020
	Chromium	40.00	42.0	105		ug/L	EPA 200.8/6020
	Cobalt	40.00	39.8	99.5		ug/L	EPA 200.8/6020
	Copper	40.00	38.9	97.3		ug/L	EPA 200.8/6020
	Lead	40.00	40.5	101		ug/L	EPA 200.8/6020
	Manganese	40.00	41.8	104		ug/L	EPA 200.8/6020
	Nickel	40.00	40.2	100		ug/L	EPA 200.8/6020
	Selenium	40.00	38.8	96.9		ug/L	EPA 200.8/6020
	Silver	20.00	22.2	111	*	ug/L	EPA 200.8/6020
	Thallium	40.00	40.8	102		ug/L	EPA 200.8/6020
	Vanadium	40.00	41.6	104		ug/L	EPA 200.8/6020
	Zinc	40.00	37.3	93.1		ug/L	EPA 200.8/6020
M1C2903-ICV2	Antimony	40.00	45.0	113	*	ug/L	EPA 200.8/6020
	Arsenic	40.00	39.8	99.5		ug/L	EPA 200.8/6020
	Barium	40.00	39.3	98.2		ug/L	EPA 200.8/6020
	Beryllium	40.00	38.8	96.9		ug/L	EPA 200.8/6020
	Cadmium	40.00	39.6	98.9		ug/L	EPA 200.8/6020
	Chromium	40.00	40.7	102		ug/L	EPA 200.8/6020
	Cobalt	40.00	39.4	98.4		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10025
Sequence: M1C2903

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2903-ICV2	Copper	40.00	38.6	96.5	ug/L	EPA 200.8/6020
	Lead	40.00	40.2	101	ug/L	EPA 200.8/6020
	Manganese	40.00	41.0	102	ug/L	EPA 200.8/6020
	Nickel	40.00	40.2	100	ug/L	EPA 200.8/6020
	Selenium	40.00	38.5	96.2	ug/L	EPA 200.8/6020
	Silver	20.00	21.7	109	ug/L	EPA 200.8/6020
	Thallium	40.00	40.2	101	ug/L	EPA 200.8/6020
	Vanadium	40.00	40.7	102	ug/L	EPA 200.8/6020
	Zinc	40.00	36.5	91.2	ug/L	EPA 200.8/6020
M1C2903-CCV1	Antimony	40.00	43.1	108	ug/L	EPA 200.8/6020
	Arsenic	40.00	40.2	100	ug/L	EPA 200.8/6020
	Barium	40.00	39.3	98.3	ug/L	EPA 200.8/6020
	Beryllium	40.00	38.5	96.1	ug/L	EPA 200.8/6020
	Cadmium	40.00	38.5	96.3	ug/L	EPA 200.8/6020
	Chromium	40.00	39.9	99.8	ug/L	EPA 200.8/6020
	Cobalt	40.00	39.0	97.5	ug/L	EPA 200.8/6020
	Copper	40.00	39.6	98.9	ug/L	EPA 200.8/6020
	Lead	40.00	38.8	97.0	ug/L	EPA 200.8/6020
	Manganese	40.00	40.9	102	ug/L	EPA 200.8/6020
	Nickel	40.00	40.1	100	ug/L	EPA 200.8/6020
	Selenium	40.00	40.0	100	ug/L	EPA 200.8/6020
	Silver	20.00	21.0	105	ug/L	EPA 200.8/6020
	Thallium	40.00	39.2	98.1	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10025
Sequence: M1C2903

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2903-CCV1	Vanadium	40.00	40.7	102		ug/L	EPA 200.8/6020
	Zinc	40.00	37.8	94.5		ug/L	EPA 200.8/6020
M1C2903-CCV2	Antimony	40.00	40.9	102		ug/L	EPA 200.8/6020
	Arsenic	40.00	39.9	99.7		ug/L	EPA 200.8/6020
	Barium	40.00	40.2	100		ug/L	EPA 200.8/6020
	Beryllium	40.00	39.4	98.4		ug/L	EPA 200.8/6020
	Cadmium	40.00	37.3	93.2		ug/L	EPA 200.8/6020
	Chromium	40.00	42.7	107		ug/L	EPA 200.8/6020
	Cobalt	40.00	40.2	100		ug/L	EPA 200.8/6020
	Copper	40.00	38.4	95.9		ug/L	EPA 200.8/6020
	Lead	40.00	40.1	100		ug/L	EPA 200.8/6020
	Manganese	40.00	41.1	103		ug/L	EPA 200.8/6020
	Nickel	40.00	40.0	99.9		ug/L	EPA 200.8/6020
	Selenium	40.00	40.3	101		ug/L	EPA 200.8/6020
	Silver	20.00	21.4	107		ug/L	EPA 200.8/6020
	Thallium	40.00	41.0	103		ug/L	EPA 200.8/6020
	Vanadium	40.00	45.9	115	*	ug/L	EPA 200.8/6020
	Zinc	40.00	37.2	92.9		ug/L	EPA 200.8/6020
M1C2903-CCV3	Antimony	40.00	42.9	107		ug/L	EPA 200.8/6020
	Arsenic	40.00	39.7	99.3		ug/L	EPA 200.8/6020
	Barium	40.00	39.9	99.7		ug/L	EPA 200.8/6020
	Beryllium	40.00	39.3	98.2		ug/L	EPA 200.8/6020
	Cadmium	40.00	38.4	96.0		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10025
Sequence: M1C2903

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2903-CCV3	Chromium	40.00	43.6	109	ug/L	EPA 200.8/6020
	Cobalt	40.00	40.5	101	ug/L	EPA 200.8/6020
	Copper	40.00	38.5	96.3	ug/L	EPA 200.8/6020
	Lead	40.00	41.6	104	ug/L	EPA 200.8/6020
	Manganese	40.00	42.1	105	ug/L	EPA 200.8/6020
	Nickel	40.00	40.5	101	ug/L	EPA 200.8/6020
	Selenium	40.00	39.2	98.1	ug/L	EPA 200.8/6020
	Silver	20.00	22.0	110	ug/L	EPA 200.8/6020
	Thallium	40.00	41.3	103	ug/L	EPA 200.8/6020
	Vanadium	40.00	41.4	104	ug/L	EPA 200.8/6020
	Zinc	40.00	37.3	93.2	ug/L	EPA 200.8/6020
M1C2903-CCV4	Antimony	40.00	42.6	106	ug/L	EPA 200.8/6020
	Arsenic	40.00	39.6	99.0	ug/L	EPA 200.8/6020
	Barium	40.00	39.0	97.6	ug/L	EPA 200.8/6020
	Beryllium	40.00	39.0	97.5	ug/L	EPA 200.8/6020
	Cadmium	40.00	39.1	97.8	ug/L	EPA 200.8/6020
	Chromium	40.00	42.9	107	ug/L	EPA 200.8/6020
	Cobalt	40.00	39.0	97.4	ug/L	EPA 200.8/6020
	Copper	40.00	38.5	96.2	ug/L	EPA 200.8/6020
	Lead	40.00	40.9	102	ug/L	EPA 200.8/6020
	Manganese	40.00	43.2	108	ug/L	EPA 200.8/6020
	Nickel	40.00	40.6	102	ug/L	EPA 200.8/6020
	Selenium	40.00	40.9	102	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10025
Sequence: M1C2903

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2903-CCV4	Silver	20.00	22.1	111 *	ug/L	EPA 200.8/6020
	Thallium	40.00	40.4	101	ug/L	EPA 200.8/6020
	Vanadium	40.00	45.6	114 *	ug/L	EPA 200.8/6020
	Zinc	40.00	36.8	92.0	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%
SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2904

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2904-CCV1	Dichlorodifluoromethane	20.00	18.7	93.4		ug/L	EPA 8260B
	Chloromethane	20.00	25.9	130	*	ug/L	EPA 8260B
	Vinyl chloride	20.00	16.8	83.9		ug/L	EPA 8260B
	Bromomethane	20.00	16.8	83.9		ug/L	EPA 8260B
	Chloroethane	20.00	17.4	87.2		ug/L	EPA 8260B
	Trichlorofluoromethane	20.00	14.0	70.0	*	ug/L	EPA 8260B
	Acrolein	100.0	82.2	82.2		ug/L	EPA 8260B
	1,1-Dichloroethene	20.00	16.2	81.2		ug/L	EPA 8260B
	Acetone	100.0	97.9	97.9		ug/L	EPA 8260B
	Iodomethane	20.00	12.7	63.6	*	ug/L	EPA 8260B
	Carbon disulfide	20.00	16.6	82.8		ug/L	EPA 8260B
	Allyl Chloride (3-Chloropropylene)	20.00	16.9	84.4		ug/L	EPA 8260B
	Acetonitrile	20.00	20.3	102		ug/L	EPA 8260B
	Methylene Chloride	20.00	22.8	114		ug/L	EPA 8260B
	Methyl-tert-Butyl Ether	20.00	23.3	116		ug/L	EPA 8260B
	trans-1,2-Dichloroethene	20.00	18.6	92.8		ug/L	EPA 8260B
	Acrylonitrile	20.00	20.1	100		ug/L	EPA 8260B
	1,1-Dichloroethane	20.00	20.8	104		ug/L	EPA 8260B
	Chloroprene	20.00	18.6	93.2		ug/L	EPA 8260B
	2,2-Dichloropropane	20.00	18.2	90.8		ug/L	EPA 8260B
	cis-1,2-Dichloroethene	20.00	21.3	106		ug/L	EPA 8260B
	2-Butanone (MEK)	100.0	97.9	97.9		ug/L	EPA 8260B
	Propionitrile (Ethyl Cyanide)	20.00	18.6	93.2		ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2904

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2904-CCV1	Bromochloromethane	20.00	18.4	92.2		ug/L	EPA 8260B
	Methacrylonitrile	20.00	20.5	103		ug/L	EPA 8260B
	Chloroform	20.00	23.0	115		ug/L	EPA 8260B
	1,1,1-Trichloroethane	20.00	19.1	95.6		ug/L	EPA 8260B
	Carbon Tetrachloride	20.00	14.6	72.8	*	ug/L	EPA 8260B
	1,1-Dichloropropene	20.00	18.8	94.2		ug/L	EPA 8260B
	Benzene	20.00	19.9	99.6		ug/L	EPA 8260B
	Methyl Methacrylate	20.00	21.8	109		ug/L	EPA 8260B
	1,2-Dichloroethane	20.00	25.2	126	*	ug/L	EPA 8260B
	Trichloroethene	20.00	19.8	99.1		ug/L	EPA 8260B
	1,2-Dichloropropane	20.00	21.9	109		ug/L	EPA 8260B
	2-Chloroethyl Vinyl Ether	20.00	11.0	55.1	*	ug/L	EPA 8260B
	Bromodichloromethane	20.00	23.1	116		ug/L	EPA 8260B
	Dibromomethane	20.00	20.3	101		ug/L	EPA 8260B
	Ethyl Methacrylate	20.00	23.3	117		ug/L	EPA 8260B
	Methyl Isobutyl Ketone	100.0	108	108		ug/L	EPA 8260B
	cis-1,3-Dichloropropene	20.00	22.8	114		ug/L	EPA 8260B
	Toluene	20.00	21.2	106		ug/L	EPA 8260B
	trans-1,3-Dichloropropene	20.00	23.3	116		ug/L	EPA 8260B
	1,1,2-Trichloroethane	20.00	23.2	116		ug/L	EPA 8260B
	2-Hexanone (MBK)	100.0	106	106		ug/L	EPA 8260B
	1,2-Dibromoethane	20.00	22.2	111		ug/L	EPA 8260B
	Tetrachloroethene	20.00	16.2	81.2		ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2904

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C2904-CCV1	1,3-Dichloropropane	20.00	22.4	112	ug/L	EPA 8260B
	Dibromochloromethane	20.00	20.8	104	ug/L	EPA 8260B
	Chlorobenzene	20.00	20.8	104	ug/L	EPA 8260B
	1,1,1,2-Tetrachloroethane	20.00	20.8	104	ug/L	EPA 8260B
	Ethylbenzene	20.00	20.3	102	ug/L	EPA 8260B
	m,p-Xylenes	40.00	40.9	102	ug/L	EPA 8260B
	o-Xylene	20.00	21.7	108	ug/L	EPA 8260B
	Styrene	20.00	20.7	104	ug/L	EPA 8260B
	Bromoform	20.00	17.6	88.2	ug/L	EPA 8260B
	Isopropylbenzene (Cumene)	20.00	18.6	93.2	ug/L	EPA 8260B
	Propylbenzene	20.00	20.9	104	ug/L	EPA 8260B
	1,1,2,2-Tetrachloroethane	20.00	22.6	113	ug/L	EPA 8260B
	2-Chlorotoluene	20.00	21.9	109	ug/L	EPA 8260B
	1,3,5-Trimethylbenzene	20.00	19.1	95.4	ug/L	EPA 8260B
	1,2,3-Trichloropropane	20.00	23.1	116	ug/L	EPA 8260B
	4-Chlorotoluene	20.00	22.7	113	ug/L	EPA 8260B
	Bromobenzene	20.00	22.4	112	ug/L	EPA 8260B
	tert-Butylbenzene	20.00	19.5	97.7	ug/L	EPA 8260B
	1,2,4-Trimethylbenzene	20.00	19.4	97.2	ug/L	EPA 8260B
	sec-Butylbenzene	20.00	18.8	94.1	ug/L	EPA 8260B
	4-Isopropyltoluene	20.00	18.9	94.7	ug/L	EPA 8260B
	1,3-Dichlorobenzene	20.00	20.4	102	ug/L	EPA 8260B
	1,4-Dichlorobenzene	20.00	21.4	107	ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD4
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10011
Sequence: M1C2904

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C2904-CCV1	trans-1,4-Dichloro-2-butene	20.00	21.7	108		ug/L	EPA 8260B
	Butylbenzene	20.00	20.5	102		ug/L	EPA 8260B
	1,2-Dichlorobenzene	20.00	20.8	104		ug/L	EPA 8260B
	1,2-Dibromo-3-chloropropane	20.00	19.3	96.4		ug/L	EPA 8260B
	1,2,4-Trichlorobenzene	20.00	21.8	109		ug/L	EPA 8260B
	Hexachlorobutadiene	20.00	14.8	73.8	*	ug/L	EPA 8260B
	Naphthalene	20.00	25.6	128	*	ug/L	EPA 8260B
	1,2,3-Trichlorobenzene	20.00	23.7	118		ug/L	EPA 8260B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3001

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C3001-CCV1	N-Nitrosodimethylamine	40.00	39.7	99.2	ug/ml	EPA 8270C
	Pyridine	40.00	39.7	99.3	ug/ml	EPA 8270C
	Pentachloroethane	40.00	36.5	91.2	ug/ml	EPA 8270C
	Aniline	40.00	39.3	98.2	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	36.6	91.5	ug/ml	EPA 8270C
	Phenol	40.00	40.2	100	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	38.7	96.7	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	38.8	97.0	ug/ml	EPA 8270C
	1,4-Dichlorobenzene	40.00	38.3	95.8	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	38.7	96.8	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	39.3	98.3	ug/ml	EPA 8270C
	2-Methylphenol	40.00	40.5	101	ug/ml	EPA 8270C
	Hexachloroethane	40.00	38.1	95.4	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	40.7	102	ug/ml	EPA 8270C
	Nitrobenzene	40.00	38.3	95.8	ug/ml	EPA 8270C
	Isophorone	40.00	37.7	94.3	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	34.7	86.7	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	42.7	107	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	36.5	91.3	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	37.6	93.9	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	36.9	92.2	ug/ml	EPA 8270C
	Naphthalene	40.00	37.0	92.4	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	35.2	88.1	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3001

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C3001-CCV1	4-Chloro-3-methylphenol	40.00	38.7	96.8		ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	36.5	91.2		ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	36.5	91.2		ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	37.3	93.3		ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	37.4	93.4		ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	37.0	92.6		ug/ml	EPA 8270C
	Acenaphthylene	40.00	38.0	95.1		ug/ml	EPA 8270C
	Dimethylphthalate	40.00	37.6	94.0		ug/ml	EPA 8270C
	2,6-Dinitrotoluene	40.00	38.8	97.0		ug/ml	EPA 8270C
	Acenaphthene	40.00	36.9	92.2		ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	31.2	77.9	*	ug/ml	EPA 8270C
	Dibenzofuran	40.00	37.5	93.8		ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	39.8	99.6		ug/ml	EPA 8270C
	4-Nitrophenol	40.00	39.4	98.5		ug/ml	EPA 8270C
	Fluorene	40.00	37.9	94.7		ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	35.7	89.3		ug/ml	EPA 8270C
	Diethylphthalate	40.00	36.5	91.4		ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	31.2	77.9	*	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	35.9	89.6		ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	37.1	92.6		ug/ml	EPA 8270C
	Pentachlorophenol	40.00	35.2	88.0		ug/ml	EPA 8270C
	Phenanthrene	40.00	37.7	94.2		ug/ml	EPA 8270C
	Anthracene	40.00	37.3	93.2		ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3001

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C3001-CCV1	Di-n-butylphthalate	40.00	35.0	87.6	ug/ml	EPA 8270C
	Fluoranthene	40.00	37.1	92.6	ug/ml	EPA 8270C
	Pyrene	40.00	39.0	97.5	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	34.2	85.6	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	36.5	91.2	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	37.5	93.7	ug/ml	EPA 8270C
	Chrysene	40.00	36.9	92.2	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	32.6	81.5	ug/ml	EPA 8270C
	Di-n-octylphthalate	40.00	30.5	76.3 *	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	37.6	94.1	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	35.6	89.0	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	37.0	92.5	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	34.7	86.8	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	34.5	86.2	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	34.6	86.6	ug/ml	EPA 8270C
M1C3001-CCV2	N-Nitrosodimethylamine	40.00	39.8	99.6	ug/ml	EPA 8270C
	Pyridine	40.00	41.0	102	ug/ml	EPA 8270C
	Pentachloroethane	40.00	36.2	90.5	ug/ml	EPA 8270C
	Aniline	40.00	40.4	101	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	36.7	91.8	ug/ml	EPA 8270C
	Phenol	40.00	40.2	101	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	38.9	97.2	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	36.9	92.2	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3001

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C3001-CCV2	1,4-Dichlorobenzene	40.00	37.7	94.3	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	38.4	96.1	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	36.2	90.4	ug/ml	EPA 8270C
	2-Methylphenol	40.00	38.8	96.9	ug/ml	EPA 8270C
	Hexachloroethane	40.00	36.5	91.2	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	40.1	100	ug/ml	EPA 8270C
	Nitrobenzene	40.00	37.3	93.2	ug/ml	EPA 8270C
	Isophorone	40.00	36.4	90.9	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	39.6	99.1	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	41.6	104	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	35.9	89.8	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	38.4	96.0	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	36.5	91.2	ug/ml	EPA 8270C
	Naphthalene	40.00	36.2	90.6	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	35.5	88.8	ug/ml	EPA 8270C
	4-Chloro-3-methylphenol	40.00	39.3	98.2	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	35.7	89.4	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	36.8	92.0	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	38.9	97.2	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	40.2	101	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	36.4	91.0	ug/ml	EPA 8270C
	Acenaphthylene	40.00	38.4	96.0	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	36.0	89.9	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3001

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C3001-CCV2	2,6-Dinitrotoluene	40.00	37.6	94.0	ug/ml	EPA 8270C
	Acenaphthene	40.00	37.4	93.6	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	44.2	111	ug/ml	EPA 8270C
	Dibenzofuran	40.00	37.2	92.9	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	39.3	98.2	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	38.9	97.2	ug/ml	EPA 8270C
	Fluorene	40.00	37.4	93.5	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	36.1	90.3	ug/ml	EPA 8270C
	Diethylphthalate	40.00	34.3	85.8	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	40.8	102	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	35.1	87.8	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	37.9	94.8	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	43.0	107	ug/ml	EPA 8270C
	Phenanthrene	40.00	36.9	92.2	ug/ml	EPA 8270C
	Anthracene	40.00	37.4	93.6	ug/ml	EPA 8270C
	Di-n-butylphthalate	40.00	34.0	85.1	ug/ml	EPA 8270C
	Fluoranthene	40.00	36.6	91.5	ug/ml	EPA 8270C
	Pyrene	40.00	36.6	91.4	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	33.0	82.4	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	38.4	96.1	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	36.6	91.4	ug/ml	EPA 8270C
	Chrysene	40.00	37.2	93.0	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	31.2	77.9 *	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3001

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C3001-CCV2	Di-n-octylphthalate	40.00	30.7	76.8	*	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	37.0	92.5		ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	36.8	92.1		ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	38.1	95.3		ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	38.1	95.2		ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	36.2	90.5		ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	37.5	93.7		ug/ml	EPA 8270C

* Values outside of QC limits

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1C3007

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C3007-ICV1	Calcium	10.00	9.68	96.8	mg/L	EPA 200.7/6010B
	Iron	5.000	4.93	98.5	mg/L	EPA 200.7/6010B
	Magnesium	10.00	9.90	99.0	mg/L	EPA 200.7/6010B
	Potassium	10.00	9.90	99.0	mg/L	EPA 200.7/6010B
	Sodium	10.00	9.75	97.5	mg/L	EPA 200.7/6010B
M1C3007-CCV4	Calcium	5.000	4.83	96.6	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.526	105	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.12	102	mg/L	EPA 200.7/6010B
	Potassium	5.000	4.85	97.1	mg/L	EPA 200.7/6010B
	Sodium	5.000	4.82	96.3	mg/L	EPA 200.7/6010B
M1C3007-CCV5	Calcium	5.000	4.79	95.9	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.497	99.3	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.07	101	mg/L	EPA 200.7/6010B
	Potassium	5.000	4.85	96.9	mg/L	EPA 200.7/6010B
	Sodium	5.000	4.70	94.0	mg/L	EPA 200.7/6010B
M1C3007-CCV6	Calcium	5.000	4.77	95.4	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.503	101	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.10	102	mg/L	EPA 200.7/6010B
	Potassium	5.000	4.87	97.3	mg/L	EPA 200.7/6010B
	Sodium	5.000	4.77	95.3	mg/L	EPA 200.7/6010B
M1C3007-CCV7	Calcium	5.000	4.83	96.6	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.500	100	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.07	101	mg/L	EPA 200.7/6010B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1C3007

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C3007-CCV7	Potassium	5.000	4.90	98.0		mg/L	EPA 200.7/6010B
	Sodium	5.000	4.83	96.7		mg/L	EPA 200.7/6010B
M1C3007-CCVD	Calcium	5.000	5.03	101		mg/L	EPA 200.7/6010B
	Iron	0.5000	0.459	91.8		mg/L	EPA 200.7/6010B
	Magnesium	5.000	4.88	97.6		mg/L	EPA 200.7/6010B
	Potassium	5.000	5.28	106		mg/L	EPA 200.7/6010B
	Sodium	5.000	5.16	103		mg/L	EPA 200.7/6010B
M1C3007-CCVE	Calcium	5.000	5.13	103		mg/L	EPA 200.7/6010B
	Iron	0.5000	0.465	93.0		mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.01	100		mg/L	EPA 200.7/6010B
	Potassium	5.000	5.83	117	*	mg/L	EPA 200.7/6010B
	Sodium	5.000	5.11	102		mg/L	EPA 200.7/6010B
M1C3007-CCVF	Calcium	5.000	5.08	102		mg/L	EPA 200.7/6010B
	Iron	0.5000	0.469	93.7		mg/L	EPA 200.7/6010B
	Magnesium	5.000	4.98	99.7		mg/L	EPA 200.7/6010B
	Potassium	5.000	5.76	115	*	mg/L	EPA 200.7/6010B
	Sodium	5.000	5.02	100		mg/L	EPA 200.7/6010B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MC10003
Sequence: M1C3102

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C3102-ICV1	Vanadium	40.00	38.7	96.7	ug/L	EPA 200.8/6020
M1C3102-ICV2	Vanadium	40.00	39.4	98.4	ug/L	EPA 200.8/6020
M1C3102-CCV1	Vanadium	40.00	39.0	97.4	ug/L	EPA 200.8/6020
M1C3102-CCV2	Vanadium	40.00	44.0	110	ug/L	EPA 200.8/6020
M1C3102-CCV3	Vanadium	40.00	36.9	92.3	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%
SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3107

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C3107-CCV1	N-Nitrosodimethylamine	40.00	38.6	96.4	ug/ml	EPA 8270C
	Pyridine	40.00	39.0	97.4	ug/ml	EPA 8270C
	Pentachloroethane	40.00	35.4	88.5	ug/ml	EPA 8270C
	Aniline	40.00	38.9	97.2	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	37.5	93.8	ug/ml	EPA 8270C
	Phenol	40.00	38.2	95.5	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	38.6	96.6	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	38.0	94.9	ug/ml	EPA 8270C
	1,4-Dichlorobenzene	40.00	36.9	92.2	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	38.0	94.9	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	36.8	92.0	ug/ml	EPA 8270C
	2-Methylphenol	40.00	38.4	96.1	ug/ml	EPA 8270C
	Hexachloroethane	40.00	37.0	92.4	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	37.8	94.5	ug/ml	EPA 8270C
	Nitrobenzene	40.00	38.5	96.4	ug/ml	EPA 8270C
	Isophorone	40.00	36.7	91.8	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	38.8	97.1	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	42.6	107	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	35.6	88.9	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	38.9	97.3	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	37.3	93.3	ug/ml	EPA 8270C
	Naphthalene	40.00	37.2	93.0	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	36.4	91.0	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3107

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C3107-CCV1	4-Chloro-3-methylphenol	40.00	37.9	94.8	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	36.2	90.5	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	35.4	88.5	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	38.4	96.1	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	38.7	96.8	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	37.0	92.4	ug/ml	EPA 8270C
	Acenaphthylene	40.00	37.4	93.5	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	35.3	88.2	ug/ml	EPA 8270C
	2,6-Dinitrotoluene	40.00	37.4	93.5	ug/ml	EPA 8270C
	Acenaphthene	40.00	36.0	90.0	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	34.6	86.6	ug/ml	EPA 8270C
	Dibenzofuran	40.00	36.3	90.7	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	38.5	96.3	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	36.0	90.0	ug/ml	EPA 8270C
	Fluorene	40.00	36.6	91.6	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	34.7	86.8	ug/ml	EPA 8270C
	Diethylphthalate	40.00	34.0	85.0	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	35.4	88.4	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	35.4	88.6	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	38.6	96.5	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	38.9	97.2	ug/ml	EPA 8270C
	Phenanthrene	40.00	37.9	94.7	ug/ml	EPA 8270C
	Anthracene	40.00	37.3	93.2	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3107

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C3107-CCV1	Di-n-butylphthalate	40.00	32.7	81.7		ug/ml	EPA 8270C
	Fluoranthene	40.00	37.1	92.8		ug/ml	EPA 8270C
	Pyrene	40.00	35.9	89.8		ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	31.9	79.8	*	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	37.3	93.2		ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	35.7	89.3		ug/ml	EPA 8270C
	Chrysene	40.00	35.9	89.8		ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	29.3	73.3	*	ug/ml	EPA 8270C
	Di-n-octylphthalate	40.00	28.2	70.6	*	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	37.2	93.0		ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	37.0	92.6		ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	38.0	95.0		ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	35.4	88.5		ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	34.3	85.7		ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	35.7	89.2		ug/ml	EPA 8270C
M1C3107-CCV2	N-Nitrosodimethylamine	40.00	39.9	99.8		ug/ml	EPA 8270C
	Pyridine	40.00	40.7	102		ug/ml	EPA 8270C
	Pentachloroethane	40.00	36.3	90.8		ug/ml	EPA 8270C
	Aniline	40.00	38.5	96.4		ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	36.6	91.6		ug/ml	EPA 8270C
	Phenol	40.00	39.2	98.0		ug/ml	EPA 8270C
	2-Chlorophenol	40.00	37.4	93.5		ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	38.1	95.3		ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3107

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1C3107-CCV2	1,4-Dichlorobenzene	40.00	37.1	92.6	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	37.5	93.8	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	35.8	89.6	ug/ml	EPA 8270C
	2-Methylphenol	40.00	38.5	96.2	ug/ml	EPA 8270C
	Hexachloroethane	40.00	36.9	92.2	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	38.3	95.6	ug/ml	EPA 8270C
	Nitrobenzene	40.00	37.6	94.1	ug/ml	EPA 8270C
	Isophorone	40.00	36.7	91.6	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	37.6	94.1	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	40.5	101	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	35.4	88.6	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	37.2	92.9	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	36.6	91.4	ug/ml	EPA 8270C
	Naphthalene	40.00	36.4	91.0	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	35.6	89.0	ug/ml	EPA 8270C
	4-Chloro-3-methylphenol	40.00	36.1	90.4	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	35.5	88.8	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	36.6	91.6	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	39.7	99.3	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	38.3	95.8	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	37.0	92.5	ug/ml	EPA 8270C
	Acenaphthylene	40.00	38.4	96.0	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	35.9	89.7	ug/ml	EPA 8270C

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3107

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C3107-CCV2	2,6-Dinitrotoluene	40.00	36.1	90.2		ug/ml	EPA 8270C
	Acenaphthene	40.00	37.3	93.2		ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	34.4	85.9		ug/ml	EPA 8270C
	Dibenzofuran	40.00	37.1	92.8		ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	39.0	97.5		ug/ml	EPA 8270C
	4-Nitrophenol	40.00	31.4	78.6	*	ug/ml	EPA 8270C
	Fluorene	40.00	35.8	89.6		ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	35.2	88.1		ug/ml	EPA 8270C
	Diethylphthalate	40.00	35.4	88.6		ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	35.3	88.2		ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	37.3	93.2		ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	37.4	93.6		ug/ml	EPA 8270C
	Pentachlorophenol	40.00	37.2	93.0		ug/ml	EPA 8270C
	Phenanthrene	40.00	37.8	94.5		ug/ml	EPA 8270C
	Anthracene	40.00	37.9	94.8		ug/ml	EPA 8270C
	Di-n-butylphthalate	40.00	33.5	83.8		ug/ml	EPA 8270C
	Fluoranthene	40.00	36.5	91.3		ug/ml	EPA 8270C
	Pyrene	40.00	36.4	91.0		ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	31.5	78.8	*	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	36.6	91.4		ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	36.5	91.2		ug/ml	EPA 8270C
	Chrysene	40.00	37.1	92.8		ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	29.9	74.8	*	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1C3107

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1C3107-CCV2	Di-n-octylphthalate	40.00	28.0	70.0	*	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	36.8	92.0		ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	36.7	91.7		ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	37.7	94.2		ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	35.3	88.2		ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	34.8	87.1		ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	35.5	88.8		ug/ml	EPA 8270C

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0103-ICV1	Antimony (dissolved)	40.00	51.7	129 *	ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	38.7	96.6	ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	39.7	99.2	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	39.6	98.9	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	38.9	97.3	ug/L	EPA 200.8/6020
	Antimony	40.00	51.7	129 *	ug/L	EPA 200.8/6020
	Arsenic	40.00	39.1	97.6	ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	39.1	97.6	ug/L	EPA 200.8/6020
	Barium	40.00	38.7	96.6	ug/L	EPA 200.8/6020
	Beryllium	40.00	39.7	99.2	ug/L	EPA 200.8/6020
	Cadmium	40.00	41.2	103	ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	42.8	107	ug/L	EPA 200.8/6020
	Chromium	40.00	41.5	104	ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	41.5	104	ug/L	EPA 200.8/6020
	Cobalt	40.00	38.6	96.6	ug/L	EPA 200.8/6020
	Copper	40.00	38.5	96.2	ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	40.6	101	ug/L	EPA 200.8/6020
	Lead	40.00	41.1	103	ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	41.1	103	ug/L	EPA 200.8/6020
	Manganese	40.00	41.4	104	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	41.4	104	ug/L	EPA 200.8/6020
	Nickel	40.00	39.2	98.1	ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	39.2	98.1	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0103-ICV1	Selenium	40.00	37.5	93.8		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	37.5	93.8		ug/L	EPA 200.8/6020
	Silver	20.00	22.5	113	*	ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	22.5	113	*	ug/L	EPA 200.8/6020
	Thallium	40.00	39.6	98.9		ug/L	EPA 200.8/6020
	Vanadium	40.00	38.9	97.3		ug/L	EPA 200.8/6020
	Zinc	40.00	35.7	89.3	*	ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	35.7	89.3	*	ug/L	EPA 200.8/6020
M1D0103-ICV2	Antimony (dissolved)	40.00	44.9	112	*	ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	38.7	96.7		ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	39.5	98.9		ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	38.2	95.6		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	39.5	98.7		ug/L	EPA 200.8/6020
	Antimony	40.00	44.9	112	*	ug/L	EPA 200.8/6020
	Arsenic	40.00	40.5	101		ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	40.5	101		ug/L	EPA 200.8/6020
	Barium	40.00	38.7	96.7		ug/L	EPA 200.8/6020
	Beryllium	40.00	39.5	98.9		ug/L	EPA 200.8/6020
	Cadmium	40.00	40.9	102		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	41.0	102		ug/L	EPA 200.8/6020
	Chromium	40.00	38.8	97.1		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	38.8	97.1		ug/L	EPA 200.8/6020
	Cobalt	40.00	38.4	96.0		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0103-ICV2	Copper	40.00	39.9	99.8	ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	40.4	101	ug/L	EPA 200.8/6020
	Lead	40.00	39.4	98.6	ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	39.4	98.6	ug/L	EPA 200.8/6020
	Manganese	40.00	40.3	101	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	40.3	101	ug/L	EPA 200.8/6020
	Nickel	40.00	39.2	98.0	ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	39.2	98.0	ug/L	EPA 200.8/6020
	Selenium	40.00	38.0	95.1	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	38.0	95.1	ug/L	EPA 200.8/6020
	Silver	20.00	21.7	109	ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	21.7	109	ug/L	EPA 200.8/6020
	Thallium	40.00	38.2	95.6	ug/L	EPA 200.8/6020
	Vanadium	40.00	39.5	98.7	ug/L	EPA 200.8/6020
	Zinc	40.00	36.7	91.7	ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	36.7	91.7	ug/L	EPA 200.8/6020
M1D0103-CCV1	Antimony (dissolved)	40.00	43.2	108	ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	39.1	97.9	ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	36.5	91.4	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	40.8	102	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	40.8	102	ug/L	EPA 200.8/6020
	Antimony	40.00	43.2	108	ug/L	EPA 200.8/6020
	Arsenic	40.00	38.7	96.7	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0103-CCV1	Arsenic (dissolved)	40.00	38.7	96.7	ug/L	EPA 200.8/6020
	Barium	40.00	39.1	97.9	ug/L	EPA 200.8/6020
	Beryllium	40.00	36.5	91.4	ug/L	EPA 200.8/6020
	Cadmium	40.00	38.7	96.8	ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	38.5	96.2	ug/L	EPA 200.8/6020
	Chromium	40.00	37.8	94.4	ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	37.8	94.4	ug/L	EPA 200.8/6020
	Cobalt	40.00	39.1	97.6	ug/L	EPA 200.8/6020
	Copper	40.00	39.2	98.0	ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	39.0	97.6	ug/L	EPA 200.8/6020
	Lead	40.00	39.1	97.8	ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	39.1	97.8	ug/L	EPA 200.8/6020
	Manganese	40.00	37.7	94.1	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	37.7	94.1	ug/L	EPA 200.8/6020
	Nickel	40.00	41.1	103	ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	41.1	103	ug/L	EPA 200.8/6020
	Selenium	40.00	38.1	95.2	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	38.1	95.2	ug/L	EPA 200.8/6020
	Silver	20.00	21.3	106	ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	21.3	106	ug/L	EPA 200.8/6020
	Thallium	40.00	40.8	102	ug/L	EPA 200.8/6020
	Vanadium	40.00	40.8	102	ug/L	EPA 200.8/6020
	Zinc	40.00	36.9	92.4	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0103-CCV1	Zinc (dissolved)	40.00	36.9	92.4		ug/L	EPA 200.8/6020
M1D0103-CCV2	Antimony (dissolved)	40.00	44.0	110		ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	39.7	99.1		ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	46.1	115	*	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	41.4	104		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	41.6	104		ug/L	EPA 200.8/6020
	Antimony	40.00	44.0	110		ug/L	EPA 200.8/6020
	Arsenic	40.00	40.3	101		ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	40.3	101		ug/L	EPA 200.8/6020
	Barium	40.00	39.7	99.1		ug/L	EPA 200.8/6020
	Beryllium	40.00	46.1	115	*	ug/L	EPA 200.8/6020
	Cadmium	40.00	39.6	99.0		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	40.2	100		ug/L	EPA 200.8/6020
	Chromium	40.00	43.1	108		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	43.1	108		ug/L	EPA 200.8/6020
	Cobalt	40.00	41.7	104		ug/L	EPA 200.8/6020
	Copper	40.00	39.8	99.5		ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	41.7	104		ug/L	EPA 200.8/6020
	Lead	40.00	41.4	104		ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	41.4	104		ug/L	EPA 200.8/6020
	Manganese	40.00	43.2	108		ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	43.2	108		ug/L	EPA 200.8/6020
	Nickel	40.00	43.7	109		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0103-CCV2	Nickel (dissolved)	40.00	43.7	109		ug/L	EPA 200.8/6020
	Selenium	40.00	37.3	93.4		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	37.3	93.4		ug/L	EPA 200.8/6020
	Silver	20.00	21.9	109		ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	21.9	109		ug/L	EPA 200.8/6020
	Thallium	40.00	41.4	104		ug/L	EPA 200.8/6020
	Vanadium	40.00	41.6	104		ug/L	EPA 200.8/6020
	Zinc	40.00	38.2	95.4		ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	38.2	95.4		ug/L	EPA 200.8/6020
M1D0103-CCV3	Antimony (dissolved)	40.00	41.1	103		ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	40.0	100		ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	49.1	123	*	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	41.1	103		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	43.7	109		ug/L	EPA 200.8/6020
	Antimony	40.00	41.1	103		ug/L	EPA 200.8/6020
	Arsenic	40.00	40.2	100		ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	40.2	100		ug/L	EPA 200.8/6020
	Barium	40.00	40.0	100		ug/L	EPA 200.8/6020
	Beryllium	40.00	49.1	123	*	ug/L	EPA 200.8/6020
	Cadmium	40.00	38.6	96.6		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	38.9	97.3		ug/L	EPA 200.8/6020
	Chromium	40.00	40.3	101		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	40.3	101		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0103-CCV3	Cobalt	40.00	42.0	105	ug/L	EPA 200.8/6020
	Copper	40.00	41.0	102	ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	40.2	101	ug/L	EPA 200.8/6020
	Lead	40.00	40.4	101	ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	40.4	101	ug/L	EPA 200.8/6020
	Manganese	40.00	41.6	104	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	41.6	104	ug/L	EPA 200.8/6020
	Nickel	40.00	42.0	105	ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	42.0	105	ug/L	EPA 200.8/6020
	Selenium	40.00	39.5	98.8	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	39.5	98.8	ug/L	EPA 200.8/6020
	Silver	20.00	21.0	105	ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	21.0	105	ug/L	EPA 200.8/6020
	Thallium	40.00	41.1	103	ug/L	EPA 200.8/6020
	Vanadium	40.00	43.7	109	ug/L	EPA 200.8/6020
	Zinc	40.00	39.5	98.8	ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	39.5	98.8	ug/L	EPA 200.8/6020
M1D0103-CCV4	Antimony (dissolved)	40.00	41.1	103	ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	37.0	92.6	ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	46.2	115 *	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	40.8	102	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	40.0	99.9	ug/L	EPA 200.8/6020
	Antimony	40.00	41.1	103	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0103-CCV4	Arsenic	40.00	39.5	98.8		ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	39.5	98.8		ug/L	EPA 200.8/6020
	Barium	40.00	37.0	92.6		ug/L	EPA 200.8/6020
	Beryllium	40.00	46.2	115	*	ug/L	EPA 200.8/6020
	Cadmium	40.00	38.7	96.7		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	40.1	100		ug/L	EPA 200.8/6020
	Chromium	40.00	41.6	104		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	41.6	104		ug/L	EPA 200.8/6020
	Cobalt	40.00	48.5	121	*	ug/L	EPA 200.8/6020
	Copper	40.00	44.5	111	*	ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	47.6	119	*	ug/L	EPA 200.8/6020
	Lead	40.00	43.3	108		ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	43.3	108		ug/L	EPA 200.8/6020
	Manganese	40.00	45.6	114	*	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	45.6	114	*	ug/L	EPA 200.8/6020
	Nickel	40.00	49.4	123	*	ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	49.4	123	*	ug/L	EPA 200.8/6020
	Selenium	40.00	37.9	94.9		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	37.9	94.9		ug/L	EPA 200.8/6020
	Silver	20.00	21.5	107		ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	21.5	107		ug/L	EPA 200.8/6020
	Thallium	40.00	40.8	102		ug/L	EPA 200.8/6020
	Vanadium	40.00	40.0	99.9		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0103-CCV4	Zinc	40.00	40.8	102	ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	40.8	102	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0105

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0105-ICV1	Manganese	40.00	38.4	96.1	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	38.4	96.1	ug/L	EPA 200.8/6020
M1D0105-ICV2	Manganese	40.00	40.5	101	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	40.5	101	ug/L	EPA 200.8/6020
M1D0105-CCV1	Manganese	40.00	38.2	95.6	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	38.2	95.6	ug/L	EPA 200.8/6020
M1D0105-CCV4	Manganese	40.00	38.0	94.9	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	38.0	94.9	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0106

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0106-ICV1	Beryllium (dissolved)	40.00	39.6	99.0	ug/L	EPA 200.8/6020
	Cobalt	40.00	38.9	97.2	ug/L	EPA 200.8/6020
	Copper	40.00	41.1	103	ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	41.3	103	ug/L	EPA 200.8/6020
	Manganese	40.00	38.4	96.1	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	38.4	96.1	ug/L	EPA 200.8/6020
	Nickel	40.00	39.7	99.1	ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	39.7	99.1	ug/L	EPA 200.8/6020
M1D0106-ICV2	Beryllium (dissolved)	40.00	38.6	96.4	ug/L	EPA 200.8/6020
	Cobalt	40.00	41.2	103	ug/L	EPA 200.8/6020
	Copper	40.00	42.5	106	ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	43.0	107	ug/L	EPA 200.8/6020
	Manganese	40.00	40.5	101	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	40.5	101	ug/L	EPA 200.8/6020
	Nickel	40.00	42.3	106	ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	42.3	106	ug/L	EPA 200.8/6020
M1D0106-CCV1	Beryllium (dissolved)	40.00	38.2	95.5	ug/L	EPA 200.8/6020
	Cobalt	40.00	39.7	99.1	ug/L	EPA 200.8/6020
	Copper	40.00	43.0	108	ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	43.0	107	ug/L	EPA 200.8/6020
	Manganese	40.00	38.2	95.6	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	38.2	95.6	ug/L	EPA 200.8/6020
	Nickel	40.00	41.5	104	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10002
Sequence: M1D0106

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0106-CCV1	Nickel (dissolved)	40.00	41.5	104	ug/L	EPA 200.8/6020
M1D0106-CCV4	Beryllium (dissolved)	40.00	36.0	90.1	ug/L	EPA 200.8/6020
	Cobalt	40.00	37.2	93.1	ug/L	EPA 200.8/6020
	Copper	40.00	40.1	100	ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	38.9	97.2	ug/L	EPA 200.8/6020
	Manganese	40.00	38.0	94.9	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	38.0	94.9	ug/L	EPA 200.8/6020
	Nickel	40.00	39.7	99.3	ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	39.7	99.3	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0108

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0108-CCV1	Dichlorodifluoromethane	20.00	21.0	105	ug/L	EPA 8260B
	Chloromethane	20.00	21.0	105	ug/L	EPA 8260B
	Vinyl chloride	20.00	19.0	95.0	ug/L	EPA 8260B
	Bromomethane	20.00	23.9	119	ug/L	EPA 8260B
	Chloroethane	20.00	19.4	97.2	ug/L	EPA 8260B
	Trichlorofluoromethane	20.00	18.8	93.8	ug/L	EPA 8260B
	Acrolein	100.0	109	109	ug/L	EPA 8260B
	1,1-Dichloroethene	20.00	21.5	108	ug/L	EPA 8260B
	Acetone	100.0	116	116	ug/L	EPA 8260B
	Iodomethane	20.00	17.5	87.5	ug/L	EPA 8260B
	Carbon disulfide	20.00	22.5	112	ug/L	EPA 8260B
	Allyl Chloride (3-Chloropropylene)	20.00	23.1	115	ug/L	EPA 8260B
	Acetonitrile	20.00	18.2	91.0	ug/L	EPA 8260B
	Methylene Chloride	20.00	21.0	105	ug/L	EPA 8260B
	Methyl-tert-Butyl Ether	20.00	23.0	115	ug/L	EPA 8260B
	trans-1,2-Dichloroethene	20.00	21.5	107	ug/L	EPA 8260B
	Acrylonitrile	20.00	20.5	103	ug/L	EPA 8260B
	1,1-Dichloroethane	20.00	21.7	109	ug/L	EPA 8260B
	Chloroprene	20.00	22.6	113	ug/L	EPA 8260B
	2,2-Dichloropropane	20.00	23.8	119	ug/L	EPA 8260B
	cis-1,2-Dichloroethene	20.00	21.2	106	ug/L	EPA 8260B
	2-Butanone (MEK)	100.0	112	112	ug/L	EPA 8260B
	Propionitrile (Ethyl Cyanide)	20.00	21.3	106	ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0108

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0108-CCV1	Methacrylonitrile	20.00	21.3	106	ug/L	EPA 8260B
	Chloroform	20.00	21.5	107	ug/L	EPA 8260B
	Bromochloromethane	20.00	21.5	108	ug/L	EPA 8260B
	1,1,1-Trichloroethane	20.00	21.8	109	ug/L	EPA 8260B
	1,1-Dichloropropene	20.00	21.8	109	ug/L	EPA 8260B
	Carbon Tetrachloride	20.00	23.0	115	ug/L	EPA 8260B
	Benzene	20.00	21.7	109	ug/L	EPA 8260B
	1,2-Dichloroethane	20.00	21.2	106	ug/L	EPA 8260B
	Trichloroethene	20.00	21.5	107	ug/L	EPA 8260B
	1,2-Dichloropropane	20.00	21.3	106	ug/L	EPA 8260B
	Bromodichloromethane	20.00	21.4	107	ug/L	EPA 8260B
	Methyl Methacrylate	20.00	22.0	110	ug/L	EPA 8260B
	Dibromomethane	20.00	22.0	110	ug/L	EPA 8260B
	2-Chloroethyl Vinyl Ether	20.00	26.9	135 *	ug/L	EPA 8260B
	Methyl Isobutyl Ketone	100.0	114	114	ug/L	EPA 8260B
	cis-1,3-Dichloropropene	20.00	22.2	111	ug/L	EPA 8260B
	Toluene	20.00	21.6	108	ug/L	EPA 8260B
	trans-1,3-Dichloropropene	20.00	22.4	112	ug/L	EPA 8260B
	Ethyl Methacrylate	20.00	22.8	114	ug/L	EPA 8260B
	1,1,2-Trichloroethane	20.00	21.6	108	ug/L	EPA 8260B
	2-Hexanone (MBK)	100.0	116	116	ug/L	EPA 8260B
	1,2-Dibromoethane	20.00	21.7	109	ug/L	EPA 8260B
	Tetrachloroethene	20.00	21.9	110	ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0108

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0108-CCV1	1,3-Dichloropropane	20.00	21.2	106	ug/L	EPA 8260B
	Dibromochloromethane	20.00	21.4	107	ug/L	EPA 8260B
	Chlorobenzene	20.00	21.6	108	ug/L	EPA 8260B
	1,1,1,2-Tetrachloroethane	20.00	21.7	109	ug/L	EPA 8260B
	Ethylbenzene	20.00	22.0	110	ug/L	EPA 8260B
	m,p-Xylenes	40.00	43.8	110	ug/L	EPA 8260B
	o-Xylene	20.00	21.7	109	ug/L	EPA 8260B
	Styrene	20.00	22.1	110	ug/L	EPA 8260B
	Bromoform	20.00	22.1	111	ug/L	EPA 8260B
	Isopropylbenzene (Cumene)	20.00	22.2	111	ug/L	EPA 8260B
	1,1,2,2-Tetrachloroethane	20.00	21.6	108	ug/L	EPA 8260B
	1,2,3-Trichloropropane	20.00	22.4	112	ug/L	EPA 8260B
	Bromobenzene	20.00	21.9	110	ug/L	EPA 8260B
	Propylbenzene	20.00	22.2	111	ug/L	EPA 8260B
	2-Chlorotoluene	20.00	21.9	109	ug/L	EPA 8260B
	1,3,5-Trimethylbenzene	20.00	22.1	111	ug/L	EPA 8260B
	4-Chlorotoluene	20.00	22.4	112	ug/L	EPA 8260B
	tert-Butylbenzene	20.00	22.4	112	ug/L	EPA 8260B
	1,2,4-Trimethylbenzene	20.00	23.0	115	ug/L	EPA 8260B
	sec-Butylbenzene	20.00	23.3	117	ug/L	EPA 8260B
	4-Isopropyltoluene	20.00	22.3	112	ug/L	EPA 8260B
	1,3-Dichlorobenzene	20.00	21.9	110	ug/L	EPA 8260B
	1,4-Dichlorobenzene	20.00	21.6	108	ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0108

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0108-CCV1	trans-1,4-Dichloro-2-butene	20.00	23.2	116	ug/L	EPA 8260B
	Butylbenzene	20.00	22.2	111	ug/L	EPA 8260B
	1,2-Dichlorobenzene	20.00	21.8	109	ug/L	EPA 8260B
	1,2-Dibromo-3-chloropropane	20.00	21.6	108	ug/L	EPA 8260B
	1,2,4-Trichlorobenzene	20.00	21.3	106	ug/L	EPA 8260B
	Hexachlorobutadiene	20.00	21.2	106	ug/L	EPA 8260B
	Naphthalene	20.00	22.6	113	ug/L	EPA 8260B
	1,2,3-Trichlorobenzene	20.00	21.8	109	ug/L	EPA 8260B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0301

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0301-CCV1	N-Nitrosodimethylamine	40.00	41.4	104	ug/ml	EPA 8270C
	Pyridine	40.00	40.7	102	ug/ml	EPA 8270C
	Pentachloroethane	40.00	40.4	101	ug/ml	EPA 8270C
	Aniline	40.00	41.2	103	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	38.3	95.6	ug/ml	EPA 8270C
	Phenol	40.00	41.9	105	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	40.4	101	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	40.6	102	ug/ml	EPA 8270C
	1,4-Dichlorobenzene	40.00	40.3	101	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	39.7	99.4	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	39.8	99.5	ug/ml	EPA 8270C
	2-Methylphenol	40.00	41.0	103	ug/ml	EPA 8270C
	Hexachloroethane	40.00	40.1	100	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	40.8	102	ug/ml	EPA 8270C
	Nitrobenzene	40.00	41.1	103	ug/ml	EPA 8270C
	Isophorone	40.00	39.0	97.4	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	38.2	95.5	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	43.5	109	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	38.0	94.9	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	39.9	99.8	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	39.4	98.4	ug/ml	EPA 8270C
	Naphthalene	40.00	39.9	99.7	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	39.0	97.5	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0301

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0301-CCV1	4-Chloro-3-methylphenol	40.00	38.3	95.8		ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	38.0	95.1		ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	35.5	88.8		ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	40.3	101		ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	40.4	101		ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	40.1	100		ug/ml	EPA 8270C
	Acenaphthylene	40.00	40.6	101		ug/ml	EPA 8270C
	Dimethylphthalate	40.00	39.0	97.4		ug/ml	EPA 8270C
	2,6-Dinitrotoluene	40.00	39.4	98.6		ug/ml	EPA 8270C
	Acenaphthene	40.00	40.3	101		ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	29.5	73.8	*	ug/ml	EPA 8270C
	Dibenzofuran	40.00	39.8	99.5		ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	41.1	103		ug/ml	EPA 8270C
	4-Nitrophenol	40.00	35.8	89.4		ug/ml	EPA 8270C
	Fluorene	40.00	39.3	98.2		ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	37.2	93.0		ug/ml	EPA 8270C
	Diethylphthalate	40.00	37.8	94.4		ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	33.1	82.8		ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	38.8	97.0		ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	39.1	97.7		ug/ml	EPA 8270C
	Pentachlorophenol	40.00	36.0	89.9		ug/ml	EPA 8270C
	Phenanthrene	40.00	40.0	100		ug/ml	EPA 8270C
	Anthracene	40.00	39.4	98.6		ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0301

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0301-CCV1	Di-n-butylphthalate	40.00	35.3	88.2	ug/ml	EPA 8270C
	Fluoranthene	40.00	38.9	97.3	ug/ml	EPA 8270C
	Pyrene	40.00	37.9	94.7	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	34.6	86.5	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	37.6	94.1	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	38.5	96.3	ug/ml	EPA 8270C
	Chrysene	40.00	39.9	99.8	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	31.1	77.8 *	ug/ml	EPA 8270C
	Di-n-octylphthalate	40.00	28.6	71.6 *	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	38.5	96.2	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	40.0	100	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	40.3	101	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	37.0	92.6	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	34.9	87.2	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	38.6	96.4	ug/ml	EPA 8270C
M1D0301-CCV2	N-Nitrosodimethylamine	40.00	44.7	112	ug/ml	EPA 8270C
	Pyridine	40.00	44.6	112	ug/ml	EPA 8270C
	Pentachloroethane	40.00	40.5	101	ug/ml	EPA 8270C
	Aniline	40.00	42.6	107	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	41.3	103	ug/ml	EPA 8270C
	Phenol	40.00	43.3	108	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	41.9	105	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	41.4	104	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0301

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0301-CCV2	1,4-Dichlorobenzene	40.00	42.2	105	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	41.4	104	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	40.7	102	ug/ml	EPA 8270C
	2-Methylphenol	40.00	41.5	104	ug/ml	EPA 8270C
	Hexachloroethane	40.00	41.4	103	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	42.0	105	ug/ml	EPA 8270C
	Nitrobenzene	40.00	41.0	102	ug/ml	EPA 8270C
	Isophorone	40.00	39.0	97.5	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	41.9	105	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	39.8	99.5	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	37.9	94.8	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	39.9	99.8	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	38.6	96.6	ug/ml	EPA 8270C
	Naphthalene	40.00	39.1	97.6	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	38.4	96.0	ug/ml	EPA 8270C
	4-Chloro-3-methylphenol	40.00	40.7	102	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	39.6	98.9	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	35.5	88.8	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	40.7	102	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	43.8	110	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	40.0	100	ug/ml	EPA 8270C
	Acenaphthylene	40.00	40.4	101	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	39.4	98.5	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0301

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0301-CCV2	2,6-Dinitrotoluene	40.00	39.2	98.1	ug/ml	EPA 8270C
	Acenaphthene	40.00	39.3	98.2	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	37.3	93.2	ug/ml	EPA 8270C
	Dibenzofuran	40.00	39.5	98.7	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	41.3	103	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	43.9	110	ug/ml	EPA 8270C
	Fluorene	40.00	39.2	98.0	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	37.7	94.2	ug/ml	EPA 8270C
	Diethylphthalate	40.00	37.2	93.0	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	38.8	97.0	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	38.8	97.1	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	40.7	102	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	33.9	84.8	ug/ml	EPA 8270C
	Phenanthrene	40.00	40.5	101	ug/ml	EPA 8270C
	Anthracene	40.00	40.4	101	ug/ml	EPA 8270C
	Di-n-butylphthalate	40.00	38.1	95.2	ug/ml	EPA 8270C
	Fluoranthene	40.00	40.9	102	ug/ml	EPA 8270C
	Pyrene	40.00	38.4	95.9	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	35.8	89.5	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	40.6	101	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	39.5	98.7	ug/ml	EPA 8270C
	Chrysene	40.00	39.6	99.0	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	33.2	83.1	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0301

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0301-CCV2	Di-n-octylphthalate	40.00	34.2	85.6	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	40.1	100	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	42.3	106	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	41.2	103	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	40.0	100	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	37.5	93.8	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	42.7	107	ug/ml	EPA 8270C

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0401-CCV1	N-Nitrosodimethylamine	40.00	43.2	108	ug/ml	EPA 8270C
	Pyridine	40.00	43.2	108	ug/ml	EPA 8270C
	Pentachloroethane	40.00	39.9	99.7	ug/ml	EPA 8270C
	Aniline	40.00	42.6	107	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	41.1	103	ug/ml	EPA 8270C
	Phenol	40.00	42.7	107	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	41.5	104	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	41.1	103	ug/ml	EPA 8270C
	1,4-Dichlorobenzene	40.00	41.8	105	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	41.6	104	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	42.1	105	ug/ml	EPA 8270C
	2-Methylphenol	40.00	42.3	106	ug/ml	EPA 8270C
	Hexachloroethane	40.00	39.9	99.8	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	41.7	104	ug/ml	EPA 8270C
	Nitrobenzene	40.00	41.6	104	ug/ml	EPA 8270C
	Isophorone	40.00	40.6	101	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	40.5	101	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	42.2	106	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	39.5	98.7	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	40.3	101	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	39.9	99.6	ug/ml	EPA 8270C
	Naphthalene	40.00	39.4	98.5	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	39.0	97.5	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0401

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0401-CCV1	4-Chloro-3-methylphenol	40.00	40.4	101		ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	39.7	99.3		ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	35.8	89.6		ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	40.3	101		ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	41.0	102		ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	39.8	99.5		ug/ml	EPA 8270C
	Acenaphthylene	40.00	40.2	101		ug/ml	EPA 8270C
	Dimethylphthalate	40.00	39.4	98.4		ug/ml	EPA 8270C
	2,6-Dinitrotoluene	40.00	39.1	97.7		ug/ml	EPA 8270C
	Acenaphthene	40.00	40.4	101		ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	34.1	85.3		ug/ml	EPA 8270C
	Dibenzofuran	40.00	40.0	99.9		ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	43.3	108		ug/ml	EPA 8270C
	4-Nitrophenol	40.00	44.2	110		ug/ml	EPA 8270C
	Fluorene	40.00	39.5	98.8		ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	37.7	94.2		ug/ml	EPA 8270C
	Diethylphthalate	40.00	40.2	100		ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	34.7	86.8		ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	36.5	91.2		ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	37.8	94.4		ug/ml	EPA 8270C
	Pentachlorophenol	40.00	31.8	79.5	*	ug/ml	EPA 8270C
	Phenanthrene	40.00	40.7	102		ug/ml	EPA 8270C
	Anthracene	40.00	40.7	102		ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0401-CCV1	Di-n-butylphthalate	40.00	37.8	94.4	ug/ml	EPA 8270C
	Fluoranthene	40.00	40.2	100	ug/ml	EPA 8270C
	Pyrene	40.00	43.2	108	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	38.3	95.7	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	40.0	100	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	41.2	103	ug/ml	EPA 8270C
	Chrysene	40.00	41.0	103	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	36.4	91.0	ug/ml	EPA 8270C
	Di-n-octylphthalate	40.00	37.3	93.3	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	42.6	107	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	41.7	104	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	42.2	106	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	38.9	97.3	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	37.5	93.8	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	42.6	106	ug/ml	EPA 8270C
M1D0401-CCV2	N-Nitrosodimethylamine	40.00	42.4	106	ug/ml	EPA 8270C
	Pyridine	40.00	42.7	107	ug/ml	EPA 8270C
	Pentachloroethane	40.00	39.6	98.9	ug/ml	EPA 8270C
	Aniline	40.00	41.7	104	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	41.3	103	ug/ml	EPA 8270C
	Phenol	40.00	42.1	105	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	40.6	102	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	41.4	104	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0401-CCV2	1,4-Dichlorobenzene	40.00	40.9	102	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	41.3	103	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	40.5	101	ug/ml	EPA 8270C
	2-Methylphenol	40.00	41.5	104	ug/ml	EPA 8270C
	Hexachloroethane	40.00	39.8	99.5	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	41.1	103	ug/ml	EPA 8270C
	Nitrobenzene	40.00	41.1	103	ug/ml	EPA 8270C
	Isophorone	40.00	40.3	101	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	41.2	103	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	41.2	103	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	39.9	99.6	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	40.4	101	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	39.4	98.6	ug/ml	EPA 8270C
	Naphthalene	40.00	39.8	99.6	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	39.6	99.0	ug/ml	EPA 8270C
	4-Chloro-3-methylphenol	40.00	41.9	105	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	39.1	97.8	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	35.2	88.0	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	40.5	101	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	39.7	99.2	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	38.7	96.8	ug/ml	EPA 8270C
	Acenaphthylene	40.00	39.4	98.5	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	37.9	94.8	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0401-CCV2	2,6-Dinitrotoluene	40.00	38.9	97.2	ug/ml	EPA 8270C
	Acenaphthene	40.00	38.8	97.1	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	38.3	95.6	ug/ml	EPA 8270C
	Dibenzofuran	40.00	39.4	98.4	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	42.5	106	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	41.1	103	ug/ml	EPA 8270C
	Fluorene	40.00	39.0	97.6	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	37.3	93.3	ug/ml	EPA 8270C
	Diethylphthalate	40.00	39.5	98.7	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	38.7	96.8	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	37.9	94.8	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	39.5	98.8	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	37.0	92.5	ug/ml	EPA 8270C
	Phenanthrene	40.00	40.5	101	ug/ml	EPA 8270C
	Anthracene	40.00	41.1	103	ug/ml	EPA 8270C
	Di-n-butylphthalate	40.00	38.6	96.6	ug/ml	EPA 8270C
	Fluoranthene	40.00	40.4	101	ug/ml	EPA 8270C
	Pyrene	40.00	42.3	106	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	39.4	98.6	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	38.7	96.8	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	39.0	97.4	ug/ml	EPA 8270C
	Chrysene	40.00	39.3	98.2	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	35.9	89.6	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D0401

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0401-CCV2	Di-n-octylphthalate	40.00	36.0	90.1	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	40.4	101	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	39.3	98.3	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	40.2	101	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	41.2	103	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	39.6	98.9	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	44.8	112	ug/ml	EPA 8270C

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1D0402

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0402-ICV1	Calcium (dissolved)	10.00	9.98	99.8	mg/L	EPA 200.7/6010B
	Iron (dissolved)	5.000	5.12	102	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	10.00	10.0	100	mg/L	EPA 200.7/6010B
	Potassium (dissolved)	10.00	9.97	99.7	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	10.00	9.68	96.8	mg/L	EPA 200.7/6010B
	Calcium	10.00	9.98	99.8	mg/L	EPA 200.7/6010B
	Iron	5.000	5.12	102	mg/L	EPA 200.7/6010B
	Magnesium	10.00	10.0	100	mg/L	EPA 200.7/6010B
	Potassium	10.00	9.97	99.7	mg/L	EPA 200.7/6010B
	Sodium	10.00	9.68	96.8	mg/L	EPA 200.7/6010B
M1D0402-CCV1	Calcium (dissolved)	5.000	5.07	101	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.515	103	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	5.00	99.9	mg/L	EPA 200.7/6010B
	Potassium (dissolved)	5.000	5.12	102	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	5.000	4.97	99.3	mg/L	EPA 200.7/6010B
	Calcium	5.000	5.07	101	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.515	103	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.00	99.9	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.12	102	mg/L	EPA 200.7/6010B
	Sodium	5.000	4.97	99.3	mg/L	EPA 200.7/6010B
M1D0402-CCV2	Calcium (dissolved)	5.000	5.23	105	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.507	101	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	5.05	101	mg/L	EPA 200.7/6010B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1D0402

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0402-CCV2	Potassium (dissolved)	5.000	5.20	104	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	5.000	5.13	103	mg/L	EPA 200.7/6010B
	Calcium	5.000	5.23	105	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.507	101	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.05	101	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.20	104	mg/L	EPA 200.7/6010B
	Sodium	5.000	5.13	103	mg/L	EPA 200.7/6010B
M1D0402-CCV3	Calcium (dissolved)	5.000	5.14	103	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.502	100	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	5.04	101	mg/L	EPA 200.7/6010B
	Potassium (dissolved)	5.000	5.23	105	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	5.000	5.21	104	mg/L	EPA 200.7/6010B
	Calcium	5.000	5.14	103	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.502	100	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.04	101	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.23	105	mg/L	EPA 200.7/6010B
	Sodium	5.000	5.21	104	mg/L	EPA 200.7/6010B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0506

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0506-CCV1	Dichlorodifluoromethane	20.00	23.7	118	ug/L	EPA 8260B
	Chloromethane	20.00	20.6	103	ug/L	EPA 8260B
	Vinyl chloride	20.00	20.5	102	ug/L	EPA 8260B
	Bromomethane	20.00	17.9	89.6	ug/L	EPA 8260B
	Chloroethane	20.00	21.6	108	ug/L	EPA 8260B
	Trichlorofluoromethane	20.00	20.6	103	ug/L	EPA 8260B
	Acrolein	100.0	125	125 *	ug/L	EPA 8260B
	1,1-Dichloroethene	20.00	21.0	105	ug/L	EPA 8260B
	Acetone	100.0	111	111	ug/L	EPA 8260B
	Iodomethane	20.00	24.2	121 *	ug/L	EPA 8260B
	Carbon disulfide	20.00	22.0	110	ug/L	EPA 8260B
	Allyl Chloride (3-Chloropropylene)	20.00	22.7	114	ug/L	EPA 8260B
	Acetonitrile	20.00	20.9	104	ug/L	EPA 8260B
	Methylene Chloride	20.00	20.6	103	ug/L	EPA 8260B
	Methyl-tert-Butyl Ether	20.00	21.8	109	ug/L	EPA 8260B
	trans-1,2-Dichloroethene	20.00	20.8	104	ug/L	EPA 8260B
	Acrylonitrile	20.00	21.6	108	ug/L	EPA 8260B
	1,1-Dichloroethane	20.00	21.0	105	ug/L	EPA 8260B
	Chloroprene	20.00	22.0	110	ug/L	EPA 8260B
	2,2-Dichloropropane	20.00	23.3	116	ug/L	EPA 8260B
	cis-1,2-Dichloroethene	20.00	20.7	103	ug/L	EPA 8260B
	2-Butanone (MEK)	100.0	112	112	ug/L	EPA 8260B
	Propionitrile (Ethyl Cyanide)	20.00	22.6	113	ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0506

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0506-CCV1	Methacrylonitrile	20.00	20.8	104	ug/L	EPA 8260B
	Chloroform	20.00	20.8	104	ug/L	EPA 8260B
	Bromochloromethane	20.00	21.9	110	ug/L	EPA 8260B
	1,1,1-Trichloroethane	20.00	20.8	104	ug/L	EPA 8260B
	1,1-Dichloropropene	20.00	21.4	107	ug/L	EPA 8260B
	Carbon Tetrachloride	20.00	22.5	112	ug/L	EPA 8260B
	Benzene	20.00	21.0	105	ug/L	EPA 8260B
	1,2-Dichloroethane	20.00	21.2	106	ug/L	EPA 8260B
	Trichloroethene	20.00	20.5	102	ug/L	EPA 8260B
	1,2-Dichloropropane	20.00	20.9	104	ug/L	EPA 8260B
	Bromodichloromethane	20.00	21.1	105	ug/L	EPA 8260B
	Methyl Methacrylate	20.00	22.9	114	ug/L	EPA 8260B
	Dibromomethane	20.00	21.6	108	ug/L	EPA 8260B
	2-Chloroethyl Vinyl Ether	10.00	15.6	156 *	ug/L	EPA 8260B
	Methyl Isobutyl Ketone	100.0	116	116	ug/L	EPA 8260B
	cis-1,3-Dichloropropene	20.00	21.4	107	ug/L	EPA 8260B
	Toluene	20.00	21.2	106	ug/L	EPA 8260B
	trans-1,3-Dichloropropene	20.00	21.3	107	ug/L	EPA 8260B
	Ethyl Methacrylate	20.00	19.4	97.2	ug/L	EPA 8260B
	1,1,2-Trichloroethane	20.00	21.6	108	ug/L	EPA 8260B
	2-Hexanone (MBK)	100.0	118	118	ug/L	EPA 8260B
	1,2-Dibromoethane	20.00	22.0	110	ug/L	EPA 8260B
	Tetrachloroethene	20.00	20.8	104	ug/L	EPA 8260B

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0506

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0506-CCV1	1,3-Dichloropropane	20.00	20.9	105	ug/L	EPA 8260B
	Dibromochloromethane	20.00	21.5	107	ug/L	EPA 8260B
	Chlorobenzene	20.00	20.7	104	ug/L	EPA 8260B
	1,1,1,2-Tetrachloroethane	20.00	21.2	106	ug/L	EPA 8260B
	Ethylbenzene	20.00	21.1	105	ug/L	EPA 8260B
	m,p-Xylenes	40.00	41.5	104	ug/L	EPA 8260B
	o-Xylene	20.00	20.8	104	ug/L	EPA 8260B
	Styrene	20.00	21.1	105	ug/L	EPA 8260B
	Bromoform	20.00	21.9	109	ug/L	EPA 8260B
	Isopropylbenzene (Cumene)	20.00	21.1	105	ug/L	EPA 8260B
	1,1,2,2-Tetrachloroethane	20.00	21.4	107	ug/L	EPA 8260B
	1,2,3-Trichloropropane	20.00	22.3	112	ug/L	EPA 8260B
	Bromobenzene	20.00	20.5	102	ug/L	EPA 8260B
	Propylbenzene	20.00	21.4	107	ug/L	EPA 8260B
	2-Chlorotoluene	20.00	20.8	104	ug/L	EPA 8260B
	1,3,5-Trimethylbenzene	20.00	21.3	106	ug/L	EPA 8260B
	4-Chlorotoluene	20.00	20.8	104	ug/L	EPA 8260B
	tert-Butylbenzene	20.00	21.1	106	ug/L	EPA 8260B
	1,2,4-Trimethylbenzene	20.00	21.6	108	ug/L	EPA 8260B
	sec-Butylbenzene	20.00	22.0	110	ug/L	EPA 8260B
	4-Isopropyltoluene	20.00	21.0	105	ug/L	EPA 8260B
	1,3-Dichlorobenzene	20.00	21.1	106	ug/L	EPA 8260B
	1,4-Dichlorobenzene	20.00	20.9	104	ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0506

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0506-CCV1	trans-1,4-Dichloro-2-butene	20.00	21.6	108	ug/L	EPA 8260B
	Butylbenzene	20.00	20.9	104	ug/L	EPA 8260B
	1,2-Dichlorobenzene	20.00	20.6	103	ug/L	EPA 8260B
	1,2-Dibromo-3-chloropropane	20.00	21.6	108	ug/L	EPA 8260B
	1,2,4-Trichlorobenzene	20.00	20.3	101	ug/L	EPA 8260B
	Hexachlorobutadiene	20.00	19.6	98.0	ug/L	EPA 8260B
	Naphthalene	20.00	21.7	109	ug/L	EPA 8260B
	1,2,3-Trichlorobenzene	20.00	20.0	99.9	ug/L	EPA 8260B

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 245.1

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Hg
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1D0507

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0507-ICV1	Mercury (dissolved)	3.009	3.15	105		ug/L	EPA 245.1
	Mercury	3.009	3.15	105		ug/L	EPA 245.1/7470A
M1D0507-CCV1	Mercury (dissolved)	3.009	3.24	108		ug/L	EPA 245.1
	Mercury	3.009	3.24	108		ug/L	EPA 245.1/7470A
M1D0507-CCV2	Mercury (dissolved)	3.009	3.24	108		ug/L	EPA 245.1
	Mercury	3.009	3.24	108		ug/L	EPA 245.1/7470A
M1D0507-CCV3	Mercury (dissolved)	3.009	3.11	103		ug/L	EPA 245.1
	Mercury	3.009	3.11	103		ug/L	EPA 245.1/7470A
M1D0507-CCV4	Mercury (dissolved)	3.009	3.42	114	*	ug/L	EPA 245.1
	Mercury	3.009	3.42	114	*	ug/L	EPA 245.1/7470A

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0602

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0602-CCV1	Dichlorodifluoromethane	20.00	21.2	106		ug/L	EPA 8260B
	Chloromethane	20.00	18.9	94.6		ug/L	EPA 8260B
	Vinyl chloride	20.00	18.7	93.6		ug/L	EPA 8260B
	Bromomethane	20.00	14.0	69.8	*	ug/L	EPA 8260B
	Chloroethane	20.00	19.8	99.0		ug/L	EPA 8260B
	Trichlorofluoromethane	20.00	19.4	97.2		ug/L	EPA 8260B
	Acrolein	100.0	106	106		ug/L	EPA 8260B
	1,1-Dichloroethene	20.00	20.4	102		ug/L	EPA 8260B
	Acetone	100.0	94.3	94.3		ug/L	EPA 8260B
	Iodomethane	20.00	23.6	118		ug/L	EPA 8260B
	Carbon disulfide	20.00	21.1	105		ug/L	EPA 8260B
	Allyl Chloride (3-Chloropropylene)	20.00	22.7	113		ug/L	EPA 8260B
	Acetonitrile	20.00	15.3	76.4	*	ug/L	EPA 8260B
	Methylene Chloride	20.00	19.3	96.7		ug/L	EPA 8260B
	Methyl-tert-Butyl Ether	20.00	21.0	105		ug/L	EPA 8260B
	trans-1,2-Dichloroethene	20.00	20.3	101		ug/L	EPA 8260B
	Acrylonitrile	20.00	19.9	99.3		ug/L	EPA 8260B
	1,1-Dichloroethane	20.00	20.4	102		ug/L	EPA 8260B
	Chloroprene	20.00	21.5	107		ug/L	EPA 8260B
	2,2-Dichloropropane	20.00	23.0	115		ug/L	EPA 8260B
	cis-1,2-Dichloroethene	20.00	20.2	101		ug/L	EPA 8260B
	2-Butanone (MEK)	100.0	96.0	96.0		ug/L	EPA 8260B
	Propionitrile (Ethyl Cyanide)	20.00	19.2	95.8		ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Baltimore Division
2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800
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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0602

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0602-CCV1	Methacrylonitrile	20.00	19.3	96.6		ug/L	EPA 8260B
	Chloroform	20.00	20.4	102		ug/L	EPA 8260B
	Bromochloromethane	20.00	21.7	108		ug/L	EPA 8260B
	1,1,1-Trichloroethane	20.00	20.3	102		ug/L	EPA 8260B
	1,1-Dichloropropene	20.00	20.8	104		ug/L	EPA 8260B
	Carbon Tetrachloride	20.00	21.5	107		ug/L	EPA 8260B
	Benzene	20.00	20.2	101		ug/L	EPA 8260B
	1,2-Dichloroethane	20.00	20.2	101		ug/L	EPA 8260B
	Trichloroethene	20.00	20.4	102		ug/L	EPA 8260B
	1,2-Dichloropropane	20.00	19.9	99.3		ug/L	EPA 8260B
	Bromodichloromethane	20.00	20.4	102		ug/L	EPA 8260B
	Methyl Methacrylate	20.00	20.3	102		ug/L	EPA 8260B
	Dibromomethane	20.00	21.2	106		ug/L	EPA 8260B
	2-Chloroethyl Vinyl Ether	10.00	14.8	148	*	ug/L	EPA 8260B
	Methyl Isobutyl Ketone	100.0	103	103		ug/L	EPA 8260B
	cis-1,3-Dichloropropene	20.00	20.5	102		ug/L	EPA 8260B
	Toluene	20.00	20.6	103		ug/L	EPA 8260B
	trans-1,3-Dichloropropene	20.00	20.2	101		ug/L	EPA 8260B
	Ethyl Methacrylate	20.00	20.9	104		ug/L	EPA 8260B
	1,1,2-Trichloroethane	20.00	20.4	102		ug/L	EPA 8260B
	2-Hexanone (MBK)	100.0	102	102		ug/L	EPA 8260B
	1,2-Dibromoethane	20.00	20.6	103		ug/L	EPA 8260B
	Tetrachloroethene	20.00	20.9	104		ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0602

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0602-CCV1	1,3-Dichloropropane	20.00	19.8	98.8	ug/L	EPA 8260B
	Dibromochloromethane	20.00	19.8	99.2	ug/L	EPA 8260B
	Chlorobenzene	20.00	20.1	101	ug/L	EPA 8260B
	1,1,1,2-Tetrachloroethane	20.00	20.2	101	ug/L	EPA 8260B
	Ethylbenzene	20.00	20.3	102	ug/L	EPA 8260B
	m,p-Xylenes	40.00	40.8	102	ug/L	EPA 8260B
	o-Xylene	20.00	20.4	102	ug/L	EPA 8260B
	Styrene	20.00	19.7	98.7	ug/L	EPA 8260B
	Bromoform	20.00	20.3	101	ug/L	EPA 8260B
	Isopropylbenzene (Cumene)	20.00	20.6	103	ug/L	EPA 8260B
	1,1,2,2-Tetrachloroethane	20.00	19.1	95.6	ug/L	EPA 8260B
	1,2,3-Trichloropropane	20.00	19.4	97.2	ug/L	EPA 8260B
	Bromobenzene	20.00	19.8	99.0	ug/L	EPA 8260B
	Propylbenzene	20.00	20.4	102	ug/L	EPA 8260B
	2-Chlorotoluene	20.00	20.0	99.8	ug/L	EPA 8260B
	1,3,5-Trimethylbenzene	20.00	20.2	101	ug/L	EPA 8260B
	4-Chlorotoluene	20.00	20.3	101	ug/L	EPA 8260B
	tert-Butylbenzene	20.00	20.3	102	ug/L	EPA 8260B
	1,2,4-Trimethylbenzene	20.00	20.8	104	ug/L	EPA 8260B
	sec-Butylbenzene	20.00	20.5	102	ug/L	EPA 8260B
	4-Isopropyltoluene	20.00	20.4	102	ug/L	EPA 8260B
	1,3-Dichlorobenzene	20.00	20.0	100	ug/L	EPA 8260B
	1,4-Dichlorobenzene	20.00	20.0	99.8	ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0602

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0602-CCV1	trans-1,4-Dichloro-2-butene	20.00	18.3	91.5	ug/L	EPA 8260B
	Butylbenzene	20.00	20.0	100	ug/L	EPA 8260B
	1,2-Dichlorobenzene	20.00	20.0	100	ug/L	EPA 8260B
	1,2-Dibromo-3-chloropropane	20.00	18.9	94.6	ug/L	EPA 8260B
	1,2,4-Trichlorobenzene	20.00	19.8	99.1	ug/L	EPA 8260B
	Hexachlorobutadiene	20.00	20.0	99.9	ug/L	EPA 8260B
	Naphthalene	20.00	20.0	99.9	ug/L	EPA 8260B
	1,2,3-Trichlorobenzene	20.00	19.5	97.7	ug/L	EPA 8260B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0701

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0701-CCV1	Dichlorodifluoromethane	20.00	20.5	102		ug/L	EPA 8260B
	Chloromethane	20.00	16.6	83.2		ug/L	EPA 8260B
	Vinyl chloride	20.00	19.1	95.6		ug/L	EPA 8260B
	Bromomethane	20.00	18.9	94.7		ug/L	EPA 8260B
	Chloroethane	20.00	19.7	98.4		ug/L	EPA 8260B
	Trichlorofluoromethane	20.00	16.0	80.2		ug/L	EPA 8260B
	Acrolein	100.0	92.5	92.5		ug/L	EPA 8260B
	1,1-Dichloroethene	20.00	19.6	98.2		ug/L	EPA 8260B
	Acetone	100.0	93.1	93.1		ug/L	EPA 8260B
	Iodomethane	20.00	25.2	126	*	ug/L	EPA 8260B
	Carbon disulfide	20.00	19.9	99.3		ug/L	EPA 8260B
	Allyl Chloride (3-Chloropropylene)	20.00	11.7	58.4	*	ug/L	EPA 8260B
	Acetonitrile	20.00	16.8	84.0		ug/L	EPA 8260B
	Methylene Chloride	20.00	19.1	95.7		ug/L	EPA 8260B
	Methyl-tert-Butyl Ether	20.00	20.3	102		ug/L	EPA 8260B
	trans-1,2-Dichloroethene	20.00	19.1	95.6		ug/L	EPA 8260B
	Acrylonitrile	20.00	18.3	91.4		ug/L	EPA 8260B
	1,1-Dichloroethane	20.00	18.7	93.3		ug/L	EPA 8260B
	Chloroprene	20.00	20.8	104		ug/L	EPA 8260B
	2,2-Dichloropropane	20.00	16.1	80.6		ug/L	EPA 8260B
	cis-1,2-Dichloroethene	20.00	18.7	93.6		ug/L	EPA 8260B
	2-Butanone (MEK)	100.0	87.8	87.8		ug/L	EPA 8260B
	Propionitrile (Ethyl Cyanide)	20.00	18.1	90.4		ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0701

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0701-CCV1	Methacrylonitrile	20.00	18.4	92.0		ug/L	EPA 8260B
	Chloroform	20.00	18.2	91.1		ug/L	EPA 8260B
	Bromochloromethane	20.00	21.5	108		ug/L	EPA 8260B
	1,1,1-Trichloroethane	20.00	19.8	99.0		ug/L	EPA 8260B
	1,1-Dichloropropene	20.00	20.5	102		ug/L	EPA 8260B
	Carbon Tetrachloride	20.00	17.9	89.3		ug/L	EPA 8260B
	Benzene	20.00	19.4	96.8		ug/L	EPA 8260B
	1,2-Dichloroethane	20.00	19.3	96.4		ug/L	EPA 8260B
	Trichloroethene	20.00	20.4	102		ug/L	EPA 8260B
	1,2-Dichloropropane	20.00	19.6	98.0		ug/L	EPA 8260B
	Bromodichloromethane	20.00	18.2	91.2		ug/L	EPA 8260B
	Methyl Methacrylate	20.00	18.8	94.2		ug/L	EPA 8260B
	Dibromomethane	20.00	19.8	98.9		ug/L	EPA 8260B
	2-Chloroethyl Vinyl Ether	10.00	7.73	77.3	*	ug/L	EPA 8260B
	Methyl Isobutyl Ketone	100.0	93.9	93.9		ug/L	EPA 8260B
	cis-1,3-Dichloropropene	20.00	19.6	98.2		ug/L	EPA 8260B
	Toluene	20.00	20.1	101		ug/L	EPA 8260B
	trans-1,3-Dichloropropene	20.00	18.5	92.3		ug/L	EPA 8260B
	Ethyl Methacrylate	20.00	20.2	101		ug/L	EPA 8260B
	1,1,2-Trichloroethane	20.00	19.9	99.4		ug/L	EPA 8260B
	2-Hexanone (MBK)	100.0	91.6	91.6		ug/L	EPA 8260B
	1,2-Dibromoethane	20.00	19.5	97.3		ug/L	EPA 8260B
	Tetrachloroethene	20.00	20.4	102		ug/L	EPA 8260B

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0701

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0701-CCV1	1,3-Dichloropropane	20.00	18.5	92.6	ug/L	EPA 8260B
	Dibromochloromethane	20.00	18.0	90.2	ug/L	EPA 8260B
	Chlorobenzene	20.00	19.7	98.3	ug/L	EPA 8260B
	1,1,1,2-Tetrachloroethane	20.00	19.5	97.6	ug/L	EPA 8260B
	Ethylbenzene	20.00	19.8	99.2	ug/L	EPA 8260B
	m,p-Xylenes	40.00	40.0	100	ug/L	EPA 8260B
	o-Xylene	20.00	20.4	102	ug/L	EPA 8260B
	Styrene	20.00	20.5	102	ug/L	EPA 8260B
	Bromoform	20.00	17.9	89.7	ug/L	EPA 8260B
	Isopropylbenzene (Cumene)	20.00	19.7	98.4	ug/L	EPA 8260B
	1,1,2,2-Tetrachloroethane	20.00	17.0	85.0	ug/L	EPA 8260B
	1,2,3-Trichloropropane	20.00	17.4	87.2	ug/L	EPA 8260B
	Bromobenzene	20.00	18.8	93.8	ug/L	EPA 8260B
	Propylbenzene	20.00	19.4	97.0	ug/L	EPA 8260B
	2-Chlorotoluene	20.00	19.0	94.9	ug/L	EPA 8260B
	1,3,5-Trimethylbenzene	20.00	19.7	98.7	ug/L	EPA 8260B
	4-Chlorotoluene	20.00	19.3	96.7	ug/L	EPA 8260B
	tert-Butylbenzene	20.00	19.6	98.0	ug/L	EPA 8260B
	1,2,4-Trimethylbenzene	20.00	19.7	98.4	ug/L	EPA 8260B
	sec-Butylbenzene	20.00	20.9	105	ug/L	EPA 8260B
	4-Isopropyltoluene	20.00	22.2	111	ug/L	EPA 8260B
	1,3-Dichlorobenzene	20.00	19.2	96.0	ug/L	EPA 8260B
	1,4-Dichlorobenzene	20.00	19.4	96.9	ug/L	EPA 8260B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD6
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MD10004
Sequence: M1D0701

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0701-CCV1	trans-1,4-Dichloro-2-butene	20.00	16.2	80.8	ug/L	EPA 8260B
	Butylbenzene	20.00	19.5	97.7	ug/L	EPA 8260B
	1,2-Dichlorobenzene	20.00	19.2	96.0	ug/L	EPA 8260B
	1,2-Dibromo-3-chloropropane	20.00	17.3	86.3	ug/L	EPA 8260B
	1,2,4-Trichlorobenzene	20.00	19.4	97.2	ug/L	EPA 8260B
	Hexachlorobutadiene	20.00	20.6	103	ug/L	EPA 8260B
	Naphthalene	20.00	17.8	89.0	ug/L	EPA 8260B
	1,2,3-Trichlorobenzene	20.00	18.6	93.0	ug/L	EPA 8260B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 245.1

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Hg
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1D0710

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0710-ICV1	Mercury (dissolved)	3.009	3.26	108		ug/L	EPA 245.1
	Mercury	3.009	3.26	108		ug/L	EPA 245.1/7470A
M1D0710-CCV1	Mercury (dissolved)	3.009	3.45	115	*	ug/L	EPA 245.1
	Mercury	3.009	3.45	115	*	ug/L	EPA 245.1/7470A
M1D0710-CCV2	Mercury (dissolved)	3.009	3.65	121	*	ug/L	EPA 245.1
	Mercury	3.009	3.65	121	*	ug/L	EPA 245.1/7470A
M1D0710-CCV3	Mercury (dissolved)	3.009	3.67	122	*	ug/L	EPA 245.1
	Mercury	3.009	3.67	122	*	ug/L	EPA 245.1/7470A

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 245.1/7470A

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Hg
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1D0711

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0711-ICV1	Mercury	3.009	3.12	104	ug/L	EPA 245.1/7470A
M1D0711-CCV1	Mercury	3.009	3.21	107	ug/L	EPA 245.1/7470A
M1D0711-CCV2	Mercury	3.009	3.19	106	ug/L	EPA 245.1/7470A

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0803-ICV1	Antimony (dissolved)	40.00	48.6	121	*	ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	40.8	102		ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	42.2	105		ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	38.8	96.9		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	39.5	98.7		ug/L	EPA 200.8/6020
	Antimony	40.00	48.6	121	*	ug/L	EPA 200.8/6020
	Arsenic	40.00	42.5	106		ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	42.5	106		ug/L	EPA 200.8/6020
	Barium	40.00	40.8	102		ug/L	EPA 200.8/6020
	Beryllium	40.00	42.2	105		ug/L	EPA 200.8/6020
	Cadmium	40.00	42.5	106		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	43.2	108		ug/L	EPA 200.8/6020
	Chromium	40.00	41.6	104		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	41.6	104		ug/L	EPA 200.8/6020
	Cobalt	40.00	38.0	95.0		ug/L	EPA 200.8/6020
	Copper	40.00	40.3	101		ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	42.0	105		ug/L	EPA 200.8/6020
	Lead	40.00	41.7	104		ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	41.7	104		ug/L	EPA 200.8/6020
	Manganese	40.00	45.4	114	*	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	45.4	114	*	ug/L	EPA 200.8/6020
	Nickel	40.00	38.6	96.5		ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	38.6	96.5		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0803-ICV1	Selenium	40.00	40.6	101		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	40.6	101		ug/L	EPA 200.8/6020
	Silver	20.00	22.3	111	*	ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	22.3	111	*	ug/L	EPA 200.8/6020
	Thallium	40.00	38.8	96.9		ug/L	EPA 200.8/6020
	Vanadium	40.00	39.5	98.7		ug/L	EPA 200.8/6020
	Zinc	40.00	38.1	95.4		ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	38.1	95.4		ug/L	EPA 200.8/6020
M1D0803-ICV2	Antimony (dissolved)	40.00	45.2	113	*	ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	40.0	100		ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	38.7	96.7		ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	41.1	103		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	45.7	114	*	ug/L	EPA 200.8/6020
	Antimony	40.00	45.2	113	*	ug/L	EPA 200.8/6020
	Arsenic	40.00	42.7	107		ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	42.7	107		ug/L	EPA 200.8/6020
	Barium	40.00	40.0	100		ug/L	EPA 200.8/6020
	Beryllium	40.00	38.7	96.7		ug/L	EPA 200.8/6020
	Cadmium	40.00	40.5	101		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	42.0	105		ug/L	EPA 200.8/6020
	Chromium	40.00	42.0	105		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	42.0	105		ug/L	EPA 200.8/6020
	Cobalt	40.00	39.9	99.8		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0803-ICV2	Copper	40.00	40.3	101		ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	41.6	104		ug/L	EPA 200.8/6020
	Lead	40.00	41.8	105		ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	41.8	105		ug/L	EPA 200.8/6020
	Manganese	40.00	43.7	109		ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	43.7	109		ug/L	EPA 200.8/6020
	Nickel	40.00	40.8	102		ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	40.8	102		ug/L	EPA 200.8/6020
	Selenium	40.00	41.1	103		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	41.1	103		ug/L	EPA 200.8/6020
	Silver	20.00	22.6	113	*	ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	22.6	113	*	ug/L	EPA 200.8/6020
	Thallium	40.00	41.1	103		ug/L	EPA 200.8/6020
	Vanadium	40.00	45.7	114	*	ug/L	EPA 200.8/6020
	Zinc	40.00	39.3	98.4		ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	39.3	98.4		ug/L	EPA 200.8/6020
M1D0803-CCV1	Antimony (dissolved)	40.00	44.4	111	*	ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	39.9	99.9		ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	39.7	99.2		ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	39.1	97.7		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	40.8	102		ug/L	EPA 200.8/6020
	Antimony	40.00	44.4	111	*	ug/L	EPA 200.8/6020
	Arsenic	40.00	43.0	107		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0803-CCV1	Arsenic (dissolved)	40.00	43.0	107		ug/L	EPA 200.8/6020
	Barium	40.00	39.9	99.9		ug/L	EPA 200.8/6020
	Beryllium	40.00	39.7	99.2		ug/L	EPA 200.8/6020
	Cadmium	40.00	43.5	109		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	43.4	109		ug/L	EPA 200.8/6020
	Chromium	40.00	39.0	97.5		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	39.0	97.5		ug/L	EPA 200.8/6020
	Cobalt	40.00	37.3	93.2		ug/L	EPA 200.8/6020
	Copper	40.00	41.0	102		ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	42.5	106		ug/L	EPA 200.8/6020
	Lead	40.00	41.0	102		ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	41.0	102		ug/L	EPA 200.8/6020
	Manganese	40.00	44.3	111	*	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	44.3	111	*	ug/L	EPA 200.8/6020
	Nickel	40.00	38.9	97.3		ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	38.9	97.3		ug/L	EPA 200.8/6020
	Selenium	40.00	41.4	104		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	41.4	104		ug/L	EPA 200.8/6020
	Silver	20.00	21.7	108		ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	21.7	108		ug/L	EPA 200.8/6020
	Thallium	40.00	39.1	97.7		ug/L	EPA 200.8/6020
	Vanadium	40.00	40.8	102		ug/L	EPA 200.8/6020
	Zinc	40.00	38.4	96.0		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0803-CCV1	Zinc (dissolved)	40.00	38.4	96.0		ug/L	EPA 200.8/6020
M1D0803-CCV4	Antimony (dissolved)	40.00	44.8	112	*	ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	37.6	94.0		ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	45.9	115	*	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	35.4	88.6	*	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	37.3	93.2		ug/L	EPA 200.8/6020
	Antimony	40.00	44.8	112	*	ug/L	EPA 200.8/6020
	Arsenic	40.00	40.6	101		ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	40.6	101		ug/L	EPA 200.8/6020
	Barium	40.00	37.6	94.0		ug/L	EPA 200.8/6020
	Beryllium	40.00	45.9	115	*	ug/L	EPA 200.8/6020
	Cadmium	40.00	41.5	104		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	42.7	107		ug/L	EPA 200.8/6020
	Chromium	40.00	41.9	105		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	41.9	105		ug/L	EPA 200.8/6020
	Cobalt	40.00	37.5	93.8		ug/L	EPA 200.8/6020
	Copper	40.00	39.1	97.7		ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	40.8	102		ug/L	EPA 200.8/6020
	Lead	40.00	37.0	92.5		ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	37.0	92.5		ug/L	EPA 200.8/6020
	Manganese	40.00	42.2	105		ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	42.2	105		ug/L	EPA 200.8/6020
	Nickel	40.00	39.0	97.4		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0803-CCV4	Nickel (dissolved)	40.00	39.0	97.4		ug/L	EPA 200.8/6020
	Selenium	40.00	34.8	87.0	*	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	34.8	87.0	*	ug/L	EPA 200.8/6020
	Silver	20.00	22.2	111	*	ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	22.2	111	*	ug/L	EPA 200.8/6020
	Thallium	40.00	35.4	88.6	*	ug/L	EPA 200.8/6020
	Vanadium	40.00	37.3	93.2		ug/L	EPA 200.8/6020
	Zinc	40.00	36.2	90.6		ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	36.2	90.6		ug/L	EPA 200.8/6020
M1D0803-CCV5	Antimony (dissolved)	40.00	43.6	109		ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	38.5	96.3		ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	38.3	95.7		ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	39.3	98.2		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	44.9	112	*	ug/L	EPA 200.8/6020
	Antimony	40.00	43.6	109		ug/L	EPA 200.8/6020
	Arsenic	40.00	43.0	108		ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	43.0	108		ug/L	EPA 200.8/6020
	Barium	40.00	38.5	96.3		ug/L	EPA 200.8/6020
	Beryllium	40.00	38.3	95.7		ug/L	EPA 200.8/6020
	Cadmium	40.00	40.8	102		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	41.1	103		ug/L	EPA 200.8/6020
	Chromium	40.00	43.2	108		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	43.2	108		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0803-CCV5	Cobalt	40.00	39.4	98.6		ug/L	EPA 200.8/6020
	Copper	40.00	40.7	102		ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	42.0	105		ug/L	EPA 200.8/6020
	Lead	40.00	40.3	101		ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	40.3	101		ug/L	EPA 200.8/6020
	Manganese	40.00	44.5	111	*	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	44.5	111	*	ug/L	EPA 200.8/6020
	Nickel	40.00	41.4	104		ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	41.4	104		ug/L	EPA 200.8/6020
	Selenium	40.00	39.6	98.9		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	39.6	98.9		ug/L	EPA 200.8/6020
	Silver	20.00	22.0	110		ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	22.0	110		ug/L	EPA 200.8/6020
	Thallium	40.00	39.3	98.2		ug/L	EPA 200.8/6020
	Vanadium	40.00	44.9	112	*	ug/L	EPA 200.8/6020
	Zinc	40.00	40.1	100		ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	40.1	100		ug/L	EPA 200.8/6020
M1D0803-CCV6	Antimony (dissolved)	40.00	44.9	112	*	ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	38.8	97.0		ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	40.4	101		ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	39.1	97.8		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	45.3	113	*	ug/L	EPA 200.8/6020
	Antimony	40.00	44.9	112	*	ug/L	EPA 200.8/6020

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0803-CCV6	Arsenic	40.00	43.4	109		ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	43.4	109		ug/L	EPA 200.8/6020
	Barium	40.00	38.8	97.0		ug/L	EPA 200.8/6020
	Beryllium	40.00	40.4	101		ug/L	EPA 200.8/6020
	Cadmium	40.00	39.7	99.3		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	40.8	102		ug/L	EPA 200.8/6020
	Chromium	40.00	41.4	104		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	41.4	104		ug/L	EPA 200.8/6020
	Cobalt	40.00	40.5	101		ug/L	EPA 200.8/6020
	Copper	40.00	41.7	104		ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	42.0	105		ug/L	EPA 200.8/6020
	Lead	40.00	39.6	99.1		ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	39.6	99.1		ug/L	EPA 200.8/6020
	Manganese	40.00	44.6	111	*	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	44.6	111	*	ug/L	EPA 200.8/6020
	Nickel	40.00	41.3	103		ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	41.3	103		ug/L	EPA 200.8/6020
	Selenium	40.00	37.9	94.7		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	37.9	94.7		ug/L	EPA 200.8/6020
	Silver	20.00	21.5	108		ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	21.5	108		ug/L	EPA 200.8/6020
	Thallium	40.00	39.1	97.8		ug/L	EPA 200.8/6020
	Vanadium	40.00	45.3	113	*	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0803-CCV6	Zinc	40.00	38.7	96.8		ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	38.7	96.8		ug/L	EPA 200.8/6020
M1D0803-CCV7	Antimony (dissolved)	40.00	43.7	109		ug/L	EPA 200.8/6020
	Barium (dissolved)	40.00	37.5	93.8		ug/L	EPA 200.8/6020
	Beryllium (dissolved)	40.00	40.0	99.9		ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	38.5	96.3		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	41.5	104		ug/L	EPA 200.8/6020
	Antimony	40.00	43.7	109		ug/L	EPA 200.8/6020
	Arsenic	40.00	42.6	106		ug/L	EPA 200.8/6020
	Arsenic (dissolved)	40.00	42.6	106		ug/L	EPA 200.8/6020
	Barium	40.00	37.5	93.8		ug/L	EPA 200.8/6020
	Beryllium	40.00	40.0	99.9		ug/L	EPA 200.8/6020
	Cadmium	40.00	41.9	105		ug/L	EPA 200.8/6020
	Cadmium (dissolved)	40.00	42.3	106		ug/L	EPA 200.8/6020
	Chromium	40.00	41.5	104		ug/L	EPA 200.8/6020
	Chromium (dissolved)	40.00	41.5	104		ug/L	EPA 200.8/6020
	Cobalt	40.00	38.8	97.1		ug/L	EPA 200.8/6020
	Copper	40.00	40.9	102		ug/L	EPA 200.8/6020
	Copper (dissolved)	40.00	43.0	107		ug/L	EPA 200.8/6020
	Lead	40.00	41.1	103		ug/L	EPA 200.8/6020
	Lead (dissolved)	40.00	41.1	103		ug/L	EPA 200.8/6020
	Manganese	40.00	45.6	114	*	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	45.6	114	*	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0803-CCV7	Nickel	40.00	41.1	103	ug/L	EPA 200.8/6020
	Nickel (dissolved)	40.00	41.1	103	ug/L	EPA 200.8/6020
	Selenium	40.00	37.3	93.3	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	37.3	93.3	ug/L	EPA 200.8/6020
	Silver	20.00	22.2	111 *	ug/L	EPA 200.8/6020
	Silver (dissolved)	20.00	22.2	111 *	ug/L	EPA 200.8/6020
	Thallium	40.00	38.5	96.3	ug/L	EPA 200.8/6020
	Vanadium	40.00	41.5	104	ug/L	EPA 200.8/6020
	Zinc	40.00	38.8	97.0	ug/L	EPA 200.8/6020
	Zinc (dissolved)	40.00	38.8	97.0	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0808

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0808-ICV1	Manganese	40.00	44.2	111	*	ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	44.2	111	*	ug/L	EPA 200.8/6020
M1D0808-ICV2	Manganese	40.00	42.8	107		ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	42.8	107		ug/L	EPA 200.8/6020
M1D0808-CCV1	Manganese	40.00	41.0	103		ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	41.0	103		ug/L	EPA 200.8/6020
M1D0808-CCV2	Manganese	40.00	41.6	104		ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	41.6	104		ug/L	EPA 200.8/6020
M1D0808-CCV3	Manganese	40.00	40.7	102		ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	40.7	102		ug/L	EPA 200.8/6020
M1D0808-CCV4	Manganese	40.00	42.1	105		ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	42.1	105		ug/L	EPA 200.8/6020
M1D0808-CCV5	Manganese	40.00	43.7	109		ug/L	EPA 200.8/6020
	Manganese (dissolved)	40.00	43.7	109		ug/L	EPA 200.8/6020

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0810

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0810-ICV2	Beryllium (dissolved)	40.00	38.3	95.8		ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	38.2	95.5		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	42.4	106		ug/L	EPA 200.8/6020
	Beryllium	40.00	38.3	95.8		ug/L	EPA 200.8/6020
	Selenium	40.00	38.4	96.0		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	38.4	96.0		ug/L	EPA 200.8/6020
	Thallium	40.00	38.2	95.5		ug/L	EPA 200.8/6020
	Vanadium	40.00	42.4	106		ug/L	EPA 200.8/6020
M1D0810-CCV1	Beryllium (dissolved)	40.00	38.8	97.1		ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	38.5	96.3		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	41.2	103		ug/L	EPA 200.8/6020
	Beryllium	40.00	38.8	97.1		ug/L	EPA 200.8/6020
	Selenium	40.00	40.6	101		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	40.6	101		ug/L	EPA 200.8/6020
	Thallium	40.00	38.5	96.3		ug/L	EPA 200.8/6020
	Vanadium	40.00	41.2	103		ug/L	EPA 200.8/6020
M1D0810-CCV2	Beryllium (dissolved)	40.00	47.1	118	*	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	35.5	88.7	*	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	36.6	91.5		ug/L	EPA 200.8/6020
	Beryllium	40.00	47.1	118	*	ug/L	EPA 200.8/6020
	Selenium	40.00	38.6	96.4		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	38.6	96.4		ug/L	EPA 200.8/6020
	Thallium	40.00	35.5	88.7	*	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0810

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0810-CCV2	Vanadium	40.00	36.6	91.5		ug/L	EPA 200.8/6020
M1D0810-CCV3	Beryllium (dissolved)	40.00	51.2	128	*	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	34.0	85.0	*	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	32.4	81.0	*	ug/L	EPA 200.8/6020
	Beryllium	40.00	51.2	128	*	ug/L	EPA 200.8/6020
	Selenium	40.00	39.7	99.2		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	39.7	99.2		ug/L	EPA 200.8/6020
	Thallium	40.00	34.0	85.0	*	ug/L	EPA 200.8/6020
	Vanadium	40.00	32.4	81.0	*	ug/L	EPA 200.8/6020
M1D0810-CCV5	Beryllium (dissolved)	40.00	47.0	118	*	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	35.0	87.4	*	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	36.2	90.6		ug/L	EPA 200.8/6020
	Beryllium	40.00	47.0	118	*	ug/L	EPA 200.8/6020
	Selenium	40.00	37.4	93.5		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	37.4	93.5		ug/L	EPA 200.8/6020
	Thallium	40.00	35.0	87.4	*	ug/L	EPA 200.8/6020
	Vanadium	40.00	36.2	90.6		ug/L	EPA 200.8/6020
M1D0810-CCV4	Beryllium (dissolved)	40.00	45.3	113	*	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	39.4	98.6		ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	44.4	111	*	ug/L	EPA 200.8/6020
	Beryllium	40.00	45.3	113	*	ug/L	EPA 200.8/6020
	Selenium	40.00	40.1	100		ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	40.1	100		ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D0810

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D0810-CCV4	Thallium	40.00	39.4	98.6		ug/L	EPA 200.8/6020
	Vanadium	40.00	44.4	111	*	ug/L	EPA 200.8/6020

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1D0815

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0815-ICV1	Calcium (dissolved)	10.00	10.1	101	mg/L	EPA 200.7/6010B
	Iron (dissolved)	5.000	5.18	104	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	10.00	10.2	102	mg/L	EPA 200.7/6010B
	Potassium (dissolved)	10.00	10.3	103	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	10.00	9.90	99.0	mg/L	EPA 200.7/6010B
	Calcium	10.00	10.1	101	mg/L	EPA 200.7/6010B
	Iron	5.000	5.18	104	mg/L	EPA 200.7/6010B
	Magnesium	10.00	10.2	102	mg/L	EPA 200.7/6010B
	Potassium	10.00	10.3	103	mg/L	EPA 200.7/6010B
	Sodium	10.00	9.90	99.0	mg/L	EPA 200.7/6010B
M1D0815-CCV6	Calcium (dissolved)	5.000	4.85	96.9	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.483	96.6	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	4.90	98.1	mg/L	EPA 200.7/6010B
	Potassium (dissolved)	5.000	4.98	99.5	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	5.000	4.66	93.3	mg/L	EPA 200.7/6010B
	Calcium	5.000	4.85	96.9	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.483	96.6	mg/L	EPA 200.7/6010B
	Magnesium	5.000	4.90	98.1	mg/L	EPA 200.7/6010B
	Potassium	5.000	4.98	99.5	mg/L	EPA 200.7/6010B
	Sodium	5.000	4.66	93.3	mg/L	EPA 200.7/6010B
M1D0815-CCV7	Calcium (dissolved)	5.000	5.04	101	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.522	104	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	4.97	99.5	mg/L	EPA 200.7/6010B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1D0815

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0815-CCV7	Potassium (dissolved)	5.000	5.28	106	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	5.000	5.04	101	mg/L	EPA 200.7/6010B
	Calcium	5.000	5.04	101	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.522	104	mg/L	EPA 200.7/6010B
	Magnesium	5.000	4.97	99.5	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.28	106	mg/L	EPA 200.7/6010B
	Sodium	5.000	5.04	101	mg/L	EPA 200.7/6010B
M1D0815-CCV8	Calcium (dissolved)	5.000	5.04	101	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.506	101	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	4.98	99.6	mg/L	EPA 200.7/6010B
	Potassium (dissolved)	5.000	5.29	106	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	5.000	4.91	98.2	mg/L	EPA 200.7/6010B
	Calcium	5.000	5.04	101	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.506	101	mg/L	EPA 200.7/6010B
	Magnesium	5.000	4.98	99.6	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.29	106	mg/L	EPA 200.7/6010B
	Sodium	5.000	4.91	98.2	mg/L	EPA 200.7/6010B
M1D0815-CCV9	Calcium (dissolved)	5.000	5.01	100	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.489	97.7	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	4.96	99.2	mg/L	EPA 200.7/6010B
	Potassium (dissolved)	5.000	5.30	106	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	5.000	4.94	98.9	mg/L	EPA 200.7/6010B
	Calcium	5.000	5.01	100	mg/L	EPA 200.7/6010B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1D0815

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0815-CCV9	Iron	0.5000	0.489	97.7	mg/L	EPA 200.7/6010B
	Magnesium	5.000	4.96	99.2	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.30	106	mg/L	EPA 200.7/6010B
	Sodium	5.000	4.94	98.9	mg/L	EPA 200.7/6010B
M1D0815-CCVA	Calcium (dissolved)	5.000	5.09	102	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.489	97.8	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	5.04	101	mg/L	EPA 200.7/6010B
	Potassium (dissolved)	5.000	5.38	108	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	5.000	5.01	100	mg/L	EPA 200.7/6010B
	Calcium	5.000	5.09	102	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.489	97.8	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.04	101	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.38	108	mg/L	EPA 200.7/6010B
	Sodium	5.000	5.01	100	mg/L	EPA 200.7/6010B
M1D0815-CCVB	Calcium (dissolved)	5.000	5.05	101	mg/L	EPA 200.7/6010B
	Iron (dissolved)	0.5000	0.487	97.4	mg/L	EPA 200.7/6010B
	Magnesium (dissolved)	5.000	5.01	100	mg/L	EPA 200.7/6010B
	Potassium (dissolved)	5.000	5.34	107	mg/L	EPA 200.7/6010B
	Sodium (dissolved)	5.000	4.98	99.7	mg/L	EPA 200.7/6010B
	Calcium	5.000	5.05	101	mg/L	EPA 200.7/6010B
	Iron	0.5000	0.487	97.4	mg/L	EPA 200.7/6010B
	Magnesium	5.000	5.01	100	mg/L	EPA 200.7/6010B
	Potassium	5.000	5.34	107	mg/L	EPA 200.7/6010B

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Varian ICP
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1D0815

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D0815-CCVB	Sodium	5.000	4.98	99.7	mg/L	EPA 200.7/6010B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D1101

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D1101-CCV1	N-Nitrosodimethylamine	40.00	36.9	92.3	ug/ml	EPA 8270C
	Pyridine	40.00	38.1	95.2	ug/ml	EPA 8270C
	Pentachloroethane	40.00	36.3	90.7	ug/ml	EPA 8270C
	Aniline	40.00	37.5	93.8	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	36.8	92.0	ug/ml	EPA 8270C
	Phenol	40.00	37.9	94.8	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	37.2	92.9	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	37.0	92.6	ug/ml	EPA 8270C
	1,4-Dichlorobenzene	40.00	36.4	91.0	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	36.5	91.4	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	36.9	92.3	ug/ml	EPA 8270C
	2-Methylphenol	40.00	38.7	96.8	ug/ml	EPA 8270C
	Hexachloroethane	40.00	37.0	92.4	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	37.8	94.4	ug/ml	EPA 8270C
	Nitrobenzene	40.00	39.2	98.1	ug/ml	EPA 8270C
	Isophorone	40.00	37.4	93.6	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	37.8	94.6	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	40.7	102	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	36.8	92.1	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	39.7	99.2	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	37.8	94.5	ug/ml	EPA 8270C
	Naphthalene	40.00	37.4	93.6	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	37.8	94.5	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D1101

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D1101-CCV1	4-Chloro-3-methylphenol	40.00	38.8	97.0	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	37.1	92.8	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	40.1	100	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	40.6	102	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	40.6	102	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	37.0	92.5	ug/ml	EPA 8270C
	Acenaphthylene	40.00	38.1	95.2	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	37.6	94.1	ug/ml	EPA 8270C
	2,6-Dinitrotoluene	40.00	38.4	96.0	ug/ml	EPA 8270C
	Acenaphthene	40.00	37.2	93.0	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	33.7	84.3	ug/ml	EPA 8270C
	Dibenzofuran	40.00	37.2	93.1	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	37.1	92.7	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	37.1	92.7	ug/ml	EPA 8270C
	Fluorene	40.00	37.6	93.9	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	35.6	88.9	ug/ml	EPA 8270C
	Diethylphthalate	40.00	35.0	87.4	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	35.7	89.2	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	40.2	100	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	40.3	101	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	39.4	98.6	ug/ml	EPA 8270C
	Phenanthrene	40.00	38.1	95.4	ug/ml	EPA 8270C
	Anthracene	40.00	37.6	93.9	ug/ml	EPA 8270C

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D1101

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D1101-CCV1	Di-n-butylphthalate	40.00	36.8	91.9	ug/ml	EPA 8270C
	Fluoranthene	40.00	37.5	93.8	ug/ml	EPA 8270C
	Pyrene	40.00	37.5	93.7	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	34.1	85.4	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	36.9	92.3	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	36.0	90.0	ug/ml	EPA 8270C
	Chrysene	40.00	36.6	91.5	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	33.0	82.4	ug/ml	EPA 8270C
	Di-n-octylphthalate	40.00	29.3	73.3 *	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	35.1	87.8	ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	37.1	92.7	ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	37.8	94.5	ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	40.1	100	ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	40.1	100	ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	41.6	104	ug/ml	EPA 8270C
M1D1101-CCV2	N-Nitrosodimethylamine	40.00	38.6	96.6	ug/ml	EPA 8270C
	Pyridine	40.00	39.8	99.6	ug/ml	EPA 8270C
	Pentachloroethane	40.00	36.9	92.2	ug/ml	EPA 8270C
	Aniline	40.00	39.0	97.4	ug/ml	EPA 8270C
	Bis(2-Chloroethyl)ether	40.00	36.3	90.8	ug/ml	EPA 8270C
	Phenol	40.00	39.0	97.4	ug/ml	EPA 8270C
	2-Chlorophenol	40.00	39.0	97.6	ug/ml	EPA 8270C
	1,3-Dichlorobenzene	40.00	39.6	99.0	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D1101

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D1101-CCV2	1,4-Dichlorobenzene	40.00	37.7	94.2	ug/ml	EPA 8270C
	1,2-Dichlorobenzene	40.00	38.3	95.8	ug/ml	EPA 8270C
	Bis(2-chloroisopropyl)ether	40.00	37.9	94.8	ug/ml	EPA 8270C
	2-Methylphenol	40.00	39.9	99.8	ug/ml	EPA 8270C
	Hexachloroethane	40.00	38.1	95.3	ug/ml	EPA 8270C
	4-Methylphenol, 3-Methylphenol	40.00	39.3	98.4	ug/ml	EPA 8270C
	Nitrobenzene	40.00	37.9	94.8	ug/ml	EPA 8270C
	Isophorone	40.00	38.4	96.0	ug/ml	EPA 8270C
	2-Nitrophenol	40.00	39.7	99.2	ug/ml	EPA 8270C
	2,4-Dimethylphenol	40.00	42.1	105	ug/ml	EPA 8270C
	bis(2-Chloroethoxy)methane	40.00	37.6	94.1	ug/ml	EPA 8270C
	2,4-Dichlorophenol	40.00	39.4	98.6	ug/ml	EPA 8270C
	1,2,4-Trichlorobenzene	40.00	37.8	94.5	ug/ml	EPA 8270C
	Naphthalene	40.00	37.7	94.4	ug/ml	EPA 8270C
	Hexachlorobutadiene	40.00	39.5	98.6	ug/ml	EPA 8270C
	4-Chloro-3-methylphenol	40.00	39.4	98.5	ug/ml	EPA 8270C
	2-Methylnaphthalene	40.00	37.2	93.1	ug/ml	EPA 8270C
	Hexachlorocyclopentadiene	40.00	35.5	88.7	ug/ml	EPA 8270C
	2,4,6-Trichlorophenol	40.00	40.2	100	ug/ml	EPA 8270C
	2,4,5-Trichlorophenol	40.00	40.1	100	ug/ml	EPA 8270C
	2-Chloronaphthalene	40.00	36.9	92.3	ug/ml	EPA 8270C
	Acenaphthylene	40.00	37.4	93.6	ug/ml	EPA 8270C
	Dimethylphthalate	40.00	37.3	93.2	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D1101

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D1101-CCV2	2,6-Dinitrotoluene	40.00	39.2	98.0	ug/ml	EPA 8270C
	Acenaphthene	40.00	37.7	94.3	ug/ml	EPA 8270C
	2,4-Dinitrophenol	40.00	38.1	95.2	ug/ml	EPA 8270C
	Dibenzofuran	40.00	37.8	94.5	ug/ml	EPA 8270C
	2,4-Dinitrotoluene	40.00	37.6	93.9	ug/ml	EPA 8270C
	4-Nitrophenol	40.00	40.9	102	ug/ml	EPA 8270C
	Fluorene	40.00	37.6	94.0	ug/ml	EPA 8270C
	4-Chlorophenyl-phenylether	40.00	36.2	90.4	ug/ml	EPA 8270C
	Diethylphthalate	40.00	36.3	90.8	ug/ml	EPA 8270C
	4,6-Dinitro-2-methylphenol	40.00	34.9	87.2	ug/ml	EPA 8270C
	4-Bromophenyl-phenylether	40.00	38.9	97.2	ug/ml	EPA 8270C
	Hexachlorobenzene	40.00	39.8	99.4	ug/ml	EPA 8270C
	Pentachlorophenol	40.00	39.3	98.2	ug/ml	EPA 8270C
	Phenanthrene	40.00	37.4	93.4	ug/ml	EPA 8270C
	Anthracene	40.00	37.9	94.8	ug/ml	EPA 8270C
	Di-n-butylphthalate	40.00	36.1	90.2	ug/ml	EPA 8270C
	Fluoranthene	40.00	36.3	90.8	ug/ml	EPA 8270C
	Pyrene	40.00	39.8	99.6	ug/ml	EPA 8270C
	Butylbenzylphthalate	40.00	36.1	90.2	ug/ml	EPA 8270C
	3,3´-Dichlorobenzidine	40.00	38.8	97.0	ug/ml	EPA 8270C
	Benz(a)anthracene	40.00	37.9	94.8	ug/ml	EPA 8270C
	Chrysene	40.00	38.0	94.9	ug/ml	EPA 8270C
	Bis(2-Ethylhexyl)phthalate	40.00	34.9	87.2	ug/ml	EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: MSD5
Control Limt: +/- 20.00%

SDG:
Project: Greys Landfill
Calibration: MC10021
Sequence: M1D1101

Lab Sample ID	Analyte	True	Found	%R		Units	Method
M1D1101-CCV2	Di-n-octylphthalate	40.00	31.5	78.7	*	ug/ml	EPA 8270C
	Benzo[b]fluoranthene	40.00	34.3	85.7		ug/ml	EPA 8270C
	Benzo[k]fluoranthene	40.00	35.9	89.7		ug/ml	EPA 8270C
	Benzo[a]pyrene	40.00	37.3	93.3		ug/ml	EPA 8270C
	Indeno[1,2,3-cd]pyrene	40.00	40.3	101		ug/ml	EPA 8270C
	Dibenz[a,h]anthracene	40.00	39.3	98.3		ug/ml	EPA 8270C
	Benzo[g,h,i]perylene	40.00	40.6	101		ug/ml	EPA 8270C

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 245.1/7470A

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: Hg
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: UNASSIGNED
Sequence: M1D1201

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D1201-ICV1	Mercury	3.009	2.94	97.7	ug/L	EPA 245.1/7470A
M1D1201-CCV1	Mercury	3.009	3.12	104	ug/L	EPA 245.1/7470A
M1D1201-CCV2	Mercury	3.009	2.79	92.8	ug/L	EPA 245.1/7470A
M1D1201-CCV3	Mercury	3.009	3.00	99.8	ug/L	EPA 245.1/7470A
M1D1201-CCV4	Mercury	3.009	3.43	114 *	ug/L	EPA 245.1/7470A
M1D1201-CCV5	Mercury	3.009	3.53	117 *	ug/L	EPA 245.1/7470A

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D1303

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D1303-ICV1	Beryllium (dissolved)	40.00	40.4	101	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	39.5	98.8	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	39.9	99.7	ug/L	EPA 200.8/6020
	Beryllium	40.00	40.4	101	ug/L	EPA 200.8/6020
	Selenium	40.00	39.4	98.5	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	39.4	98.5	ug/L	EPA 200.8/6020
	Thallium	40.00	39.5	98.8	ug/L	EPA 200.8/6020
	Vanadium	40.00	39.9	99.7	ug/L	EPA 200.8/6020
M1D1303-ICV2	Beryllium (dissolved)	40.00	39.4	98.4	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	39.7	99.2	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	40.3	101	ug/L	EPA 200.8/6020
	Beryllium	40.00	39.4	98.4	ug/L	EPA 200.8/6020
	Selenium	40.00	39.9	99.7	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	39.9	99.7	ug/L	EPA 200.8/6020
	Thallium	40.00	39.7	99.2	ug/L	EPA 200.8/6020
	Vanadium	40.00	40.3	101	ug/L	EPA 200.8/6020
M1D1303-CCV1	Beryllium (dissolved)	40.00	38.1	95.2	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	40.1	100	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	42.6	107	ug/L	EPA 200.8/6020
	Beryllium	40.00	38.1	95.2	ug/L	EPA 200.8/6020
	Selenium	40.00	36.7	91.9	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	36.7	91.9	ug/L	EPA 200.8/6020
	Thallium	40.00	40.1	100	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D1303

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D1303-CCV1	Vanadium	40.00	42.6	107	ug/L	EPA 200.8/6020
M1D1303-CCV8	Beryllium (dissolved)	40.00	38.5	96.2	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	43.9	110	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	39.5	98.6	ug/L	EPA 200.8/6020
	Beryllium	40.00	38.5	96.2	ug/L	EPA 200.8/6020
	Selenium	40.00	40.4	101	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	40.4	101	ug/L	EPA 200.8/6020
	Thallium	40.00	43.9	110	ug/L	EPA 200.8/6020
	Vanadium	40.00	39.5	98.6	ug/L	EPA 200.8/6020
M1D1303-CCV9	Beryllium (dissolved)	40.00	37.2	93.1	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	41.6	104	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	36.8	92.1	ug/L	EPA 200.8/6020
	Beryllium	40.00	37.2	93.1	ug/L	EPA 200.8/6020
	Selenium	40.00	40.5	101	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	40.5	101	ug/L	EPA 200.8/6020
	Thallium	40.00	41.6	104	ug/L	EPA 200.8/6020
	Vanadium	40.00	36.8	92.1	ug/L	EPA 200.8/6020
M1D1303-CCVA	Beryllium (dissolved)	40.00	37.0	92.5	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	42.9	107	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	42.2	105	ug/L	EPA 200.8/6020
	Beryllium	40.00	37.0	92.5	ug/L	EPA 200.8/6020
	Selenium	40.00	41.1	103	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	41.1	103	ug/L	EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Control Limt: +/- 10.00%

SDG:
Project: Greys Landfill
Calibration: MD10011
Sequence: M1D1303

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D1303-CCVA	Thallium	40.00	42.9	107	ug/L	EPA 200.8/6020
	Vanadium	40.00	42.2	105	ug/L	EPA 200.8/6020
M1D1303-CCVB	Beryllium (dissolved)	40.00	40.0	100	ug/L	EPA 200.8/6020
	Thallium (dissolved)	40.00	41.2	103	ug/L	EPA 200.8/6020
	Vanadium (dissolved)	40.00	38.3	95.8	ug/L	EPA 200.8/6020
	Beryllium	40.00	40.0	100	ug/L	EPA 200.8/6020
	Selenium	40.00	40.4	101	ug/L	EPA 200.8/6020
	Selenium (dissolved)	40.00	40.4	101	ug/L	EPA 200.8/6020
	Thallium	40.00	41.2	103	ug/L	EPA 200.8/6020
	Vanadium	40.00	38.3	95.8	ug/L	EPA 200.8/6020

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 353.2

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Inst
Project: Greys Landfill
Sequence:
Calibration:

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113070-BLK1	Nitrite as N	0.00	0.012	mg/L		EPA 353.2
1113063-BLK1	Ammonia as N	0.0277	0.10	mg/L		SM(20)4500NH3-G
1113142-BLK1	Nitrate/Nitrite as N	0.00	0.050	mg/L		EPA 353.2
1113137-BLK1	Nitrite as N	0.00	0.012	mg/L		EPA 353.2
1113110-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1113160-BLK1	Nitrate/Nitrite as N	0.00	0.050	mg/L		EPA 353.2
1113159-BLK1	Nitrite as N	0.00	0.012	mg/L		EPA 353.2
1113158-BLK1	Total Dissolved Solids	2.1	10	mg/L		SM (20) 2540 C
1113158-BLK2	Total Dissolved Solids	3.0	10	mg/L		SM (20) 2540 C
1113173-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1113180-BLK1	Ammonia as N	0.0467	0.10	mg/L		SM(20)4500NH3-G
1113231-BLK1	Alkalinity	0.500	1.0	mg CaCO3/L		SM (20) 2320B
1114033-BLK1	Nitrate/Nitrite as N	0.00	0.050	mg/L		EPA 353.2
1114033-BLK2	Nitrate/Nitrite as N	0.00	0.050	mg/L		EPA 353.2
1114087-BLK1	Nitrite as N	0.00220	0.012	mg/L		EPA 353.2
1114089-BLK1	Nitrate/Nitrite as N	0.00	0.050	mg/L		EPA 353.2
1114089-BLK2	Nitrate/Nitrite as N	0.00	0.050	mg/L		EPA 353.2
1114023-BLK1	COD, Total	-2.97	10	mg/L		EPA410.4/HACH8000
1114023-BLK2	COD, Total	1.44	10	mg/L		EPA410.4/HACH8000
1114023-BLK3	COD, Total	-2.97	10	mg/L		EPA410.4/HACH8000

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 180.1

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:

Client: RG Steel, LLC

Instrument ID: Inst Project: Greys Landfill

Sequence: Calibration:

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114067-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1114123-BLK1	Total Dissolved Solids	4.0	10	mg/L		SM (20) 2540 C
1114166-BLK1	Sulfate as SO4	0.00	1.0	mg/L		ASTM D516-02
1114199-BLK1	Ammonia as N	0.0555	0.10	mg/L		SM(20)4500NH3-G
1114240-BLK1	Nitrite as N	0.00310	0.012	mg/L		EPA 353.2
1114223-BLK1	Sulfate as SO4	0.00	1.0	mg/L		ASTM D516-02
1114263-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1114263-BLK2	Turbidity	0.00	0.10	NTU		EPA 180.1
1114261-BLK1	Total Dissolved Solids	2.1	10	mg/L		SM (20) 2540 C
1115006-BLK1	Nitrite as N	0.00	0.012	mg/L		EPA 353.2
1115024-BLK1	Nitrate/Nitrite as N	0.00	0.050	mg/L		EPA 353.2
1114260-BLK1	COD, Total	0.916	10	mg/L		EPA410.4/HACH8000
1114260-BLK2	COD, Total	1.83	10	mg/L		EPA410.4/HACH8000
1115009-BLK1	Chloride	0.500	1.0	mg/L		SM (20) 4500Cl-C
1115011-BLK1	Alkalinity	0.500	1.0	mg CaCO3/L		SM (20) 2320B
1115025-BLK1	Nitrate/Nitrite as N	0.00	0.050	mg/L		EPA 353.2
1115016-BLK1	Ammonia as N	0.0733	0.10	mg/L		SM(20)4500NH3-G
1115045-BLK1	Nitrite as N	0.00	0.012	mg/L		EPA 353.2
1115047-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1115064-BLK1	COD, Total	-3.83	10	mg/L		EPA410.4/HACH8000

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA410.4/HACH8000

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: INST
Project: Greys Landfill
Sequence:
Calibration:

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115064-BLK2	COD, Total	-2.58	10	mg/L		EPA410.4/HACH8000
1115064-BLK3	COD, Total	-3.83	10	mg/L		EPA410.4/HACH8000
1115170-BLK1	Nitrite as N	0.00	0.012	mg/L		EPA 353.2
1115167-BLK1	Nitrate/Nitrite as N	0.00	0.050	mg/L		EPA 353.2
1115125-BLK1	Ammonia as N	0.0826	0.10	mg/L		SM(20)4500NH3-G
1115185-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1115210-BLK1	Total Dissolved Solids	2.0	10	mg/L		SM (20) 2540 C
1115210-BLK2	Total Dissolved Solids	0.0	10	mg/L		SM (20) 2540 C
1115210-BLK3	Total Dissolved Solids	2.0	10	mg/L		SM (20) 2540 C
1116042-BLK1	COD, Total	-2.01	10	mg/L		EPA410.4/HACH8000
1116042-BLK2	COD, Total	-4.55	10	mg/L		EPA410.4/HACH8000
1116047-BLK1	Chloride	0.500	1.0	mg/L		SM (20) 4500Cl-C
1116047-BLK2	Chloride	0.500	1.0	mg/L		SM (20) 4500Cl-C
1116163-BLK1	Alkalinity	0.500	1.0	mg CaCO3/L		SM (20) 2320B
1116182-BLK1	Sulfate as SO4	0.00	1.0	mg/L		ASTM D516-02
1116182-BLK2	Sulfate as SO4	0.00	1.0	mg/L		ASTM D516-02
1115150-BLK1	Alkalinity	0.500	1.0	mg CaCO3/L		SM (20) 2320B
1117009-BLK1	Alkalinity	0.500	1.0	mg CaCO3/L		SM (20) 2320B
1117021-BLK1	Chloride	0.500	1.0	mg/L		SM (20) 4500Cl-C
1117021-BLK2	Chloride	0.500	1.0	mg/L		SM (20) 4500Cl-C

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
ASTM D516-02

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: Inst Project: Greys Landfill
Sequence: Calibration:

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1117088-BLK1	Sulfate as SO4	0.00	1.0	mg/L		ASTM D516-02
1117088-BLK2	Sulfate as SO4	0.00	1.0	mg/L		ASTM D516-02
1117088-BLK3	Sulfate as SO4	0.00	1.0	mg/L		ASTM D516-02

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000 Project: Greys Landfill
Sequence: M1C2203 Calibration: MC10018

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2203-ICB1	Arsenic	0.0450	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.0310	1.0	ug/L		EPA 200.8/6020
	Copper	-0.129	1.0	ug/L		EPA 200.8/6020
	Lead	-0.0850	1.0	ug/L		EPA 200.8/6020
M1C2203-CCB1	Arsenic	0.416	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.0360	1.0	ug/L		EPA 200.8/6020
	Copper	-0.122	1.0	ug/L		EPA 200.8/6020
	Lead	-0.0800	1.0	ug/L		EPA 200.8/6020

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C2303
Calibration: MC10018

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2303-ICB1	Antimony	2.88	5.0	ug/L		EPA 200.8/6020
	Barium	-0.00100	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.133	1.0	ug/L		EPA 200.8/6020
	Chromium	-0.741	2.0	ug/L		EPA 200.8/6020
	Cobalt	-0.0840	5.0	ug/L		EPA 200.8/6020
	Manganese	-0.0720	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.0920	5.0	ug/L		EPA 200.8/6020
	Selenium	0.355	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0420	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.108	1.0	ug/L		EPA 200.8/6020
	Vanadium	1.19	5.0	ug/L		EPA 200.8/6020
	Zinc	-2.84	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.193	2.0	ug/L		EPA 200.8/6020
	Cadmium	0.0830	0.50	ug/L		EPA 200.8/6020
	Copper	-0.171	1.0	ug/L		EPA 200.8/6020
	Lead	-0.0680	1.0	ug/L		EPA 200.8/6020
M1C2303-CCB1	Antimony	0.877	5.0	ug/L		EPA 200.8/6020
	Barium	0.140	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.0760	1.0	ug/L		EPA 200.8/6020
	Chromium	0.0260	2.0	ug/L		EPA 200.8/6020

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C2303
Calibration: MC10018

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2303-CCB1	Cobalt	0.0730	5.0	ug/L		EPA 200.8/6020
	Manganese	0.00200	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.132	5.0	ug/L		EPA 200.8/6020
	Selenium	0.470	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0620	1.0	ug/L		EPA 200.8/6020
	Thallium	0.0120	1.0	ug/L		EPA 200.8/6020
	Vanadium	1.44	5.0	ug/L		EPA 200.8/6020
	Zinc	-2.49	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.0140	2.0	ug/L		EPA 200.8/6020
	Cadmium	0.0930	0.50	ug/L		EPA 200.8/6020
	Copper	-1.09	1.0	ug/L	*	EPA 200.8/6020
	Lead	-0.148	1.0	ug/L		EPA 200.8/6020
M1C2303-CCB2	Antimony	1.33	5.0	ug/L		EPA 200.8/6020
	Barium	0.149	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.112	1.0	ug/L		EPA 200.8/6020
	Chromium	1.58	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0730	5.0	ug/L		EPA 200.8/6020
	Manganese	0.0680	1.0	ug/L		EPA 200.8/6020
	Nickel	0.0890	5.0	ug/L		EPA 200.8/6020
	Selenium	-0.111	5.0	ug/L		EPA 200.8/6020

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BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C2303
Calibration: MC10018

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2303-CCB2	Silver	-0.0590	1.0	ug/L		EPA 200.8/6020
	Thallium	0.0100	1.0	ug/L		EPA 200.8/6020
	Vanadium	-6.68	5.0	ug/L	*	EPA 200.8/6020
	Zinc	-2.38	5.0	ug/L		EPA 200.8/6020
	Arsenic	-0.261	2.0	ug/L		EPA 200.8/6020
	Cadmium	0.0880	0.50	ug/L		EPA 200.8/6020
	Copper	-1.05	1.0	ug/L	*	EPA 200.8/6020
	Lead	-0.154	1.0	ug/L		EPA 200.8/6020
1113066-BLK1	Antimony	-0.000782	0.0050	mg/L		EPA 200.8/6020
	Barium	0.000138	0.0050	mg/L		EPA 200.8/6020
	Beryllium	0.000142	0.0010	mg/L		EPA 200.8/6020
	Chromium	-0.000144	0.0020	mg/L		EPA 200.8/6020
	Cobalt	0.0000700	0.0050	mg/L		EPA 200.8/6020
	Manganese	-0.0000120	0.0010	mg/L		EPA 200.8/6020
	Nickel	-0.0000350	0.0050	mg/L		EPA 200.8/6020
	Selenium	-0.000204	0.0050	mg/L		EPA 200.8/6020
	Silver	-0.0000910	0.0010	mg/L		EPA 200.8/6020
	Thallium	-0.0000160	0.0010	mg/L		EPA 200.8/6020
	Vanadium	0.000174	0.0050	mg/L		EPA 200.8/6020
	Zinc	-0.000866	0.0050	mg/L		EPA 200.8/6020

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C2303
Calibration: MC10018

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113066-BLK1	Arsenic	0.0000410	0.0020	mg/L		EPA 200.8/6020
	Cadmium	0.0000840	0.00050	mg/L		EPA 200.8/6020
	Copper	-0.000950	0.0010	mg/L		EPA 200.8/6020
	Lead	-0.000153	0.0010	mg/L		EPA 200.8/6020
M1C2303-CCB3	Antimony	1.17	5.0	ug/L		EPA 200.8/6020
	Barium	0.141	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.100	1.0	ug/L		EPA 200.8/6020
	Chromium	1.06	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0710	5.0	ug/L		EPA 200.8/6020
	Manganese	0.0710	1.0	ug/L		EPA 200.8/6020
	Nickel	0.0440	5.0	ug/L		EPA 200.8/6020
	Selenium	1.26	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0640	1.0	ug/L		EPA 200.8/6020
	Thallium	0.0650	1.0	ug/L		EPA 200.8/6020
	Vanadium	-2.62	5.0	ug/L		EPA 200.8/6020
	Zinc	-2.59	5.0	ug/L		EPA 200.8/6020
	Arsenic	-0.00100	2.0	ug/L		EPA 200.8/6020
	Cadmium	0.0910	0.50	ug/L		EPA 200.8/6020
	Copper	-1.04	1.0	ug/L	*	EPA 200.8/6020
	Lead	-0.159	1.0	ug/L		EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C2303
Calibration: MC10018

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2303-CCB4	Antimony	1.16	5.0	ug/L		EPA 200.8/6020
	Barium	0.137	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.104	1.0	ug/L		EPA 200.8/6020
	Chromium	1.74	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0730	5.0	ug/L		EPA 200.8/6020
	Manganese	0.0970	1.0	ug/L		EPA 200.8/6020
	Nickel	0.241	5.0	ug/L		EPA 200.8/6020
	Selenium	0.980	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0530	1.0	ug/L		EPA 200.8/6020
	Thallium	0.0260	1.0	ug/L		EPA 200.8/6020
	Vanadium	-3.41	5.0	ug/L		EPA 200.8/6020
	Zinc	-2.49	5.0	ug/L		EPA 200.8/6020
	Arsenic	-0.250	2.0	ug/L		EPA 200.8/6020
	Cadmium	0.0860	0.50	ug/L		EPA 200.8/6020
	Copper	-0.954	1.0	ug/L		EPA 200.8/6020
	Lead	-0.156	1.0	ug/L		EPA 200.8/6020

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000 Project: Greys Landfill
Sequence: M1C2306 Calibration: MC10018

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2306-CCB1	Manganese	-0.0200	1.0	ug/L		EPA 200.8/6020
	Vanadium	-0.650	5.0	ug/L		EPA 200.8/6020
1113066-BLK2	Manganese	0.00000800	0.0010	mg/L		EPA 200.8/6020
	Vanadium	0.000886	0.0050	mg/L		EPA 200.8/6020
M1C2306-CCB2	Manganese	0.0370	1.0	ug/L		EPA 200.8/6020
	Vanadium	-4.96	5.0	ug/L		EPA 200.8/6020
M1C2306-CCB3	Manganese	0.0380	1.0	ug/L		EPA 200.8/6020
	Vanadium	-4.57	5.0	ug/L		EPA 200.8/6020

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000 Project: Greys Landfill
Sequence: M1C2307 Calibration: MC10018

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2307-ICB1	Zinc	-0.338	5.0	ug/L		EPA 200.8/6020
M1C2307-CCB1	Zinc	-0.352	5.0	ug/L		EPA 200.8/6020
1113066-BLK3	Zinc	0.00143	0.0050	mg/L		EPA 200.8/6020
M1C2307-CCB2	Zinc	-0.429	5.0	ug/L		EPA 200.8/6020
M1C2307-CCB3	Zinc	-0.345	5.0	ug/L		EPA 200.8/6020

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2401
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113155-BLK1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	0.00	25	ug/L		EPA 8260B
	Iodomethane	0.00	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	0.00	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2401
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113155-BLK1	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Methacrylonitrile	0.00	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	26.5		ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	29.5		ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2401
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113155-BLK1	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B
	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	25.4		ug/L		EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B
	Isopropylbenzene (Cumene)	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2401
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113155-BLK1	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Bromofluorobenzene	31.1		ug/L		EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B
	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8260B
	Naphthalene	0.850	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: MSD4 Project: Greys Landfill
Sequence: M1C2401 Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113155-BLK1	1,2,3-Trichlorobenzene	0.740	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B

BLANKS
EPA 245.1/7470A

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: Hg Project: Greys Landfill
Sequence: M1C2402 Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2402-ICB1	Mercury	-0.0904	0.20	ug/L		EPA 245.1/7470A
1113104-BLK1	Mercury	-0.000102	0.00020	mg/L		EPA 245.1/7470A
M1C2402-CCB1	Mercury	-0.0899	0.20	ug/L		EPA 245.1/7470A
M1C2402-CCB2	Mercury	-0.0924	0.20	ug/L		EPA 245.1/7470A
M1C2402-CCB3	Mercury	-0.0917	0.20	ug/L		EPA 245.1/7470A

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB1	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	71.2		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	72.8		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	46.1		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB1	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	47.8		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C

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BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB1	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	65.0		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	46.5		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB1	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1C2404-ICB2	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	72.7		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	72.2		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB2	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	46.4		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.5		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB2	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	65.4		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB2	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	47.7		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1C2404-ICB3	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	71.4		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB3	Phenol-d5	71.4		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	47.3		ug/ml	*	EPA 8270C
	Nitrobenzene	0.120	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB3	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	47.0		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	66.1		ug/ml	*	EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB3	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	48.3		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.0600	5.0	ug/ml		EPA 8270C
	Chrysene	0.0700	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.110	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

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BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2404
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2404-ICB3	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1C2405
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2405-ICB1	Calcium (dissolved)	-0.00396	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.00309	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	-0.00162	0.010	mg/L		EPA 200.7/6010B
	Calcium	-0.00396	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00309	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	-0.00162	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.000531	0.010	mg/L		EPA 200.7/6010B
	Sodium	-0.261	1.0	mg/L		EPA 200.7/6010B
M1C2405-CCB2	Calcium (dissolved)	0.0281	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.000119	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	-0.000473	0.010	mg/L		EPA 200.7/6010B
	Calcium	0.0281	0.050	mg/L		EPA 200.7/6010B
	Iron	0.000119	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	-0.000473	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00604	0.010	mg/L		EPA 200.7/6010B
	Sodium	-0.258	1.0	mg/L		EPA 200.7/6010B
1113057-BLK1	Calcium	0.0110	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00303	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	-0.00217	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00813	0.010	mg/L		EPA 200.7/6010B

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BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1C2405
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113057-BLK1	Sodium	-0.247	1.0	mg/L		EPA 200.7/6010B
M1C2405-CCB3	Calcium (dissolved)	0.00514	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.00220	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	-0.00130	0.010	mg/L		EPA 200.7/6010B
	Calcium	0.00514	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00220	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	-0.00130	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00677	0.010	mg/L		EPA 200.7/6010B
	Sodium	-0.257	1.0	mg/L		EPA 200.7/6010B
M1C2405-CCB4	Calcium (dissolved)	0.00969	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.00463	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.000207	0.010	mg/L		EPA 200.7/6010B
	Calcium	0.00969	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00463	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.000207	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00871	0.010	mg/L		EPA 200.7/6010B
	Sodium	-0.252	1.0	mg/L		EPA 200.7/6010B
M1C2405-CCB5	Calcium (dissolved)	0.00839	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.000852	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.000869	0.010	mg/L		EPA 200.7/6010B

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1C2405
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2405-CCB5	Calcium	0.00839	0.050	mg/L		EPA 200.7/6010B
	Iron	0.000852	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.000869	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00941	0.010	mg/L		EPA 200.7/6010B
	Sodium	-0.254	1.0	mg/L		EPA 200.7/6010B
M1C2405-CCB6	Calcium (dissolved)	0.0172	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.00980	0.0050	mg/L	*	EPA 200.7/6010B
	Magnesium (dissolved)	-0.000478	0.010	mg/L		EPA 200.7/6010B
	Calcium	0.0172	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00980	0.0050	mg/L	*	EPA 200.7/6010B
	Magnesium	-0.000478	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00751	0.010	mg/L		EPA 200.7/6010B
	Sodium	-0.254	1.0	mg/L		EPA 200.7/6010B

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2501
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2501-ICB1	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	73.5		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	72.0		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	52.0		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2501
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2501-ICB1	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.7		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2501
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2501-ICB1	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	64.8		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	55.1		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2501
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2501-ICB1	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
1113154-BLK1	N-Nitrosodimethylamine	0.00	5.0	ug/L		EPA 8270C
	Pyridine	0.00	5.0	ug/L		EPA 8270C
	2-Fluorophenol	38.5		ug/L		EPA 8270C
	Pentachloroethane	0.00	5.0	ug/L		EPA 8270C
	Aniline	0.00	5.0	ug/L		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/L		EPA 8270C
	Phenol-d5	27.9		ug/L		EPA 8270C
	Phenol	0.00	5.0	ug/L		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/L		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/L		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2501
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113154-BLK1	2-Methylphenol	0.00	5.0	ug/L		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/L		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/L		EPA 8270C
	Nitrobenzene-d5	36.8		ug/L		EPA 8270C
	Nitrobenzene	0.00	5.0	ug/L		EPA 8270C
	Isophorone	0.00	5.0	ug/L		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/L		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/L		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/L		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/L		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	Naphthalene	0.00	5.0	ug/L		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/L		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/L		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/L		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/L		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/L		EPA 8270C
	2-Fluorobiphenyl	37.8		ug/L		EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/L		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2501
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113154-BLK1	Acenaphthylene	0.00	5.0	ug/L		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/L		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/L		EPA 8270C
	Acenaphthene	0.00	5.0	ug/L		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/L		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/L		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/L		EPA 8270C
	4-Nitrophenol	0.00	10	ug/L		EPA 8270C
	Fluorene	0.00	5.0	ug/L		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/L		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/L		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/L		EPA 8270C
	2,4,6-Tribromophenol	54.7		ug/L		EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/L		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/L		EPA 8270C
	Pentachlorophenol	0.00	10	ug/L		EPA 8270C
	Phenanthrene	0.00	5.0	ug/L		EPA 8270C
	Anthracene	0.00	5.0	ug/L		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/L		EPA 8270C
	Fluoranthene	0.00	5.0	ug/L		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2501
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113154-BLK1	Pyrene	0.00	5.0	ug/L		EPA 8270C
	Terphenyl-d14	40.6		ug/L		EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/L		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/L		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/L		EPA 8270C
	Chrysene	0.00	5.0	ug/L		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/L		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/L		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/L		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/L		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/L		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/L		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/L		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/L		EPA 8270C
M1C2501-ICB2	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	73.4		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C

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BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2501
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2501-ICB2	Phenol-d5	71.9		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	50.8		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2501
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2501-ICB2	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.6		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	67.0		ug/ml	*	EPA 8270C

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Lewis B. Gunn III, Project Manager

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
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BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C2501
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2501-ICB2	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	55.9		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C

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BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: MSD5 Project: Greys Landfill
Sequence: M1C2501 Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2501-ICB2	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C

BLANKS
EPA 245.1/7470A

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: Hg Project: Greys Landfill
Sequence: M1C2510 Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2510-ICB1	Mercury	-0.0567	0.20	ug/L		EPA 245.1/7470A
1113227-BLK1	Mercury	-0.0000787	0.00020	mg/L		EPA 245.1/7470A
M1C2510-CCB1	Mercury	-0.0631	0.20	ug/L		EPA 245.1/7470A
M1C2510-CCB2	Mercury	-0.0599	0.20	ug/L		EPA 245.1/7470A

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BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2803
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114002-BLK1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	0.00	25	ug/L		EPA 8260B
	Iodomethane	0.00	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	1.14	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2803
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114002-BLK1	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Methacrylonitrile	0.00	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	27.6		ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	30.4		ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B

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Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2803
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114002-BLK1	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B
	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	24.4		ug/L		EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B
	Isopropylbenzene (Cumene)	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2803
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114002-BLK1	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Bromofluorobenzene	29.7		ug/L		EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.340	5.0	ug/L		EPA 8260B
	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8260B
	Naphthalene	0.890	1.0	ug/L		EPA 8260B

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2803
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114002-BLK1	1,2,3-Trichlorobenzene	0.910	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C2903
Calibration: MC10025

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2903-ICB1	Antimony	3.40	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.00500	2.0	ug/L		EPA 200.8/6020
	Barium	0.0320	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.0670	1.0	ug/L		EPA 200.8/6020
	Cadmium	0.0100	0.50	ug/L		EPA 200.8/6020
	Chromium	-0.283	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0210	5.0	ug/L		EPA 200.8/6020
	Copper	-0.434	1.0	ug/L		EPA 200.8/6020
	Lead	-0.111	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.172	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.188	5.0	ug/L		EPA 200.8/6020
	Selenium	-0.0750	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0290	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.0190	1.0	ug/L		EPA 200.8/6020
	Vanadium	0.502	5.0	ug/L		EPA 200.8/6020
	Zinc	-1.98	5.0	ug/L		EPA 200.8/6020
M1C2903-CCB1	Antimony	3.63	5.0	ug/L		EPA 200.8/6020
	Arsenic	-0.457	2.0	ug/L		EPA 200.8/6020
	Barium	0.0490	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.0990	1.0	ug/L		EPA 200.8/6020

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C2903
Calibration: MC10025

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2903-CCB1	Cadmium	0.00700	0.50	ug/L		EPA 200.8/6020
	Chromium	0.113	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0210	5.0	ug/L		EPA 200.8/6020
	Copper	-0.404	1.0	ug/L		EPA 200.8/6020
	Lead	-0.114	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.167	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.294	5.0	ug/L		EPA 200.8/6020
	Selenium	0.712	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0100	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.0240	1.0	ug/L		EPA 200.8/6020
	Vanadium	1.19	5.0	ug/L		EPA 200.8/6020
	Zinc	-2.05	5.0	ug/L		EPA 200.8/6020
1113234-BLK1	Antimony	0.00199	0.0050	mg/L		EPA 200.8/6020
	Arsenic	-0.000608	0.0020	mg/L		EPA 200.8/6020
	Barium	0.0000470	0.0050	mg/L		EPA 200.8/6020
	Beryllium	0.0000560	0.0010	mg/L		EPA 200.8/6020
	Cadmium	0.00000500	0.00050	mg/L		EPA 200.8/6020
	Chromium	0.000571	0.0020	mg/L		EPA 200.8/6020
	Cobalt	0.0000180	0.0050	mg/L		EPA 200.8/6020
	Copper	-0.000405	0.0010	mg/L		EPA 200.8/6020

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C2903
Calibration: MC10025

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1113234-BLK1	Lead	-0.000104	0.0010	mg/L		EPA 200.8/6020
	Manganese	0.0000680	0.0010	mg/L		EPA 200.8/6020
	Nickel	-0.0000920	0.0050	mg/L		EPA 200.8/6020
	Selenium	-0.0000630	0.0050	mg/L		EPA 200.8/6020
	Silver	-0.0000340	0.0010	mg/L		EPA 200.8/6020
	Thallium	-0.0000360	0.0010	mg/L		EPA 200.8/6020
	Vanadium	0.000273	0.0050	mg/L		EPA 200.8/6020
	Zinc	-0.000196	0.0050	mg/L		EPA 200.8/6020
M1C2903-CCB2	Antimony	2.60	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.402	2.0	ug/L		EPA 200.8/6020
	Barium	0.0310	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.150	1.0	ug/L		EPA 200.8/6020
	Cadmium	0.0280	0.50	ug/L		EPA 200.8/6020
	Chromium	0.0280	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0300	5.0	ug/L		EPA 200.8/6020
	Copper	-0.427	1.0	ug/L		EPA 200.8/6020
	Lead	-0.112	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.112	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.227	5.0	ug/L		EPA 200.8/6020
	Selenium	0.492	5.0	ug/L		EPA 200.8/6020

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C2903
Calibration: MC10025

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2903-CCB2	Silver	-0.0170	1.0	ug/L		EPA 200.8/6020
	Thallium	0.0240	1.0	ug/L		EPA 200.8/6020
	Vanadium	1.51	5.0	ug/L		EPA 200.8/6020
	Zinc	-2.12	5.0	ug/L		EPA 200.8/6020
M1C2903-CCB3	Antimony	2.52	5.0	ug/L		EPA 200.8/6020
	Arsenic	-0.234	2.0	ug/L		EPA 200.8/6020
	Barium	0.0320	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.151	1.0	ug/L		EPA 200.8/6020
	Cadmium	0.0280	0.50	ug/L		EPA 200.8/6020
	Chromium	0.480	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0280	5.0	ug/L		EPA 200.8/6020
	Copper	-0.492	1.0	ug/L		EPA 200.8/6020
	Lead	-0.115	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.0570	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.286	5.0	ug/L		EPA 200.8/6020
	Selenium	0.468	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0270	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.0260	1.0	ug/L		EPA 200.8/6020
	Vanadium	-2.84	5.0	ug/L		EPA 200.8/6020
	Zinc	-2.13	5.0	ug/L		EPA 200.8/6020

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C2903
Calibration: MC10025

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C2903-CCB4	Antimony	2.47	5.0	ug/L		EPA 200.8/6020
	Arsenic	-0.276	2.0	ug/L		EPA 200.8/6020
	Barium	0.0340	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.102	1.0	ug/L		EPA 200.8/6020
	Cadmium	0.0160	0.50	ug/L		EPA 200.8/6020
	Chromium	-0.181	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0210	5.0	ug/L		EPA 200.8/6020
	Copper	-0.491	1.0	ug/L		EPA 200.8/6020
	Lead	-0.114	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.129	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.309	5.0	ug/L		EPA 200.8/6020
	Selenium	0.500	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0250	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.0350	1.0	ug/L		EPA 200.8/6020
	Vanadium	2.20	5.0	ug/L		EPA 200.8/6020
	Zinc	-2.19	5.0	ug/L		EPA 200.8/6020

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2904
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114062-BLK1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	8.89	25	ug/L		EPA 8260B
	Iodomethane	0.00	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	1.04	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2904
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114062-BLK1	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Methacrylonitrile	0.00	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	26.5		ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	29.0		ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2904
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114062-BLK1	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B
	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	25.1		ug/L		EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B
	Isopropylbenzene (Cumene)	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2904
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114062-BLK1	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Bromofluorobenzene	30.0		ug/L		EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.570	5.0	ug/L		EPA 8260B
	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8260B
	Naphthalene	1.18	1.0	ug/L	*	EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD4
Project: Greys Landfill
Sequence: M1C2904
Calibration: MC10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114062-BLK1	1,2,3-Trichlorobenzene	1.38	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB1	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	74.7		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	74.5		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	48.8		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB1	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.9		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB1	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	54.4		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	48.9		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB1	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
1114028-BLK1	N-Nitrosodimethylamine	0.00	5.0	ug/L		EPA 8270C
	Pyridine	0.00	5.0	ug/L		EPA 8270C
	2-Fluorophenol	33.4		ug/L		EPA 8270C
	Pentachloroethane	0.00	5.0	ug/L		EPA 8270C
	Aniline	0.00	5.0	ug/L		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/L		EPA 8270C
	Phenol-d5	23.1		ug/L		EPA 8270C
	Phenol	0.00	5.0	ug/L		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/L		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/L		EPA 8270C

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Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114028-BLK1	2-Methylphenol	0.00	5.0	ug/L		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/L		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/L		EPA 8270C
	Nitrobenzene-d5	40.2		ug/L		EPA 8270C
	Nitrobenzene	0.00	5.0	ug/L		EPA 8270C
	Isophorone	0.00	5.0	ug/L		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/L		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/L		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/L		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/L		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	Naphthalene	0.00	5.0	ug/L		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/L		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/L		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/L		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/L		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/L		EPA 8270C
	2-Fluorobiphenyl	38.8		ug/L		EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/L		EPA 8270C

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114028-BLK1	Acenaphthylene	0.00	5.0	ug/L		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/L		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/L		EPA 8270C
	Acenaphthene	0.00	5.0	ug/L		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/L		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/L		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/L		EPA 8270C
	4-Nitrophenol	0.00	10	ug/L		EPA 8270C
	Fluorene	0.00	5.0	ug/L		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/L		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/L		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/L		EPA 8270C
	2,4,6-Tribromophenol	55.0		ug/L		EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/L		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/L		EPA 8270C
	Pentachlorophenol	0.00	10	ug/L		EPA 8270C
	Phenanthrene	0.00	5.0	ug/L		EPA 8270C
	Anthracene	0.00	5.0	ug/L		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/L		EPA 8270C
	Fluoranthene	0.00	5.0	ug/L		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114028-BLK1	Pyrene	0.00	5.0	ug/L		EPA 8270C
	Terphenyl-d14	43.9		ug/L		EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/L		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/L		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/L		EPA 8270C
	Chrysene	0.00	5.0	ug/L		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/L		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/L		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/L		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/L		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/L		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/L		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/L		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/L		EPA 8270C
M1C3001-ICB2	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	78.1		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB2	Phenol-d5	75.7		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	47.9		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB2	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	47.2		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	67.0		ug/ml	*	EPA 8270C

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SDG:
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Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB2	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	46.1		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB2	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1C3001-ICB3	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	74.6		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	71.2		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	48.6		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB3	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.6		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB3	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	65.1		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	47.0		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3001
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3001-ICB3	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1C3007
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3007-ICB1	Calcium	0.00827	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00186	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00136	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00136	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.922	1.0	mg/L		EPA 200.7/6010B
M1C3007-CCB4	Calcium	0.0120	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00528	0.0050	mg/L	*	EPA 200.7/6010B
	Magnesium	0.000602	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00610	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.889	1.0	mg/L		EPA 200.7/6010B
1113232-BLK1	Calcium	0.0222	0.050	mg/L		EPA 200.7/6010B
	Iron	0.0235	0.0050	mg/L	*	EPA 200.7/6010B
	Magnesium	0.00250	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00770	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.873	1.0	mg/L		EPA 200.7/6010B
M1C3007-CCB5	Calcium	0.00776	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00279	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00134	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00316	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.895	1.0	mg/L		EPA 200.7/6010B

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EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1C3007
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3007-CCB6	Calcium	0.00720	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00254	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00162	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00522	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.891	1.0	mg/L		EPA 200.7/6010B
M1C3007-CCB7	Calcium	0.00338	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00370	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00303	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00489	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.884	1.0	mg/L		EPA 200.7/6010B
M1C3007-CCBD	Calcium	0.00500	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00911	0.0050	mg/L	*	EPA 200.7/6010B
	Magnesium	0.00350	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.0000200	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.799	1.0	mg/L		EPA 200.7/6010B
M1C3007-CCBE	Calcium	0.0106	0.050	mg/L		EPA 200.7/6010B
	Iron	0.000609	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00339	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00729	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.820	1.0	mg/L		EPA 200.7/6010B

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1C3007
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3007-CCBF	Calcium	0.00611	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00145	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00181	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00527	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.820	1.0	mg/L		EPA 200.7/6010B

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1C3102
Calibration: MC10003

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3102-ICB1	Vanadium	1.70	5.0	ug/L		EPA 200.8/6020
M1C3102-CCB1	Vanadium	3.05	5.0	ug/L		EPA 200.8/6020
M1C3102-CCB2	Vanadium	4.10	5.0	ug/L		EPA 200.8/6020
M1C3102-CCB3	Vanadium	0.795	5.0	ug/L		EPA 200.8/6020

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB1	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	74.4		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	73.1		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	49.0		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB1	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.8		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB1	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	62.6		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	46.9		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB1	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1C3107-ICB2	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	74.4		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	73.8		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C

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BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB2	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	47.7		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	45.5		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB2	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	66.3		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB2	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	49.6		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1C3107-ICB3	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	75.9		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB3	Phenol-d5	73.0		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	48.7		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB3	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	47.6		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	62.5		ug/ml	*	EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB3	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	49.1		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB3	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1C3107-ICB4	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	76.0		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	74.1		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	48.2		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB4	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	49.7		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB4	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	61.2		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	47.3		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C

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BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1C3107
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1C3107-ICB4	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0103
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0103-ICB1	Antimony (dissolved)	1.58	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.168	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0890	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.240	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	-1.32	5.0	ug/L		EPA 200.8/6020
	Antimony	1.58	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.306	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	0.306	2.0	ug/L		EPA 200.8/6020
	Barium	-0.168	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0890	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.272	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.310	0.50	ug/L		EPA 200.8/6020
	Chromium	-0.383	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	-0.383	2.0	ug/L		EPA 200.8/6020
	Cobalt	-0.405	5.0	ug/L		EPA 200.8/6020
	Copper	-0.551	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.546	1.0	ug/L		EPA 200.8/6020
	Lead	-0.415	1.0	ug/L		EPA 200.8/6020
	Lead (dissolved)	-0.415	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.290	1.0	ug/L		EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0103
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0103-ICB1	Manganese (dissolved)	-0.290	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.376	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	-0.376	5.0	ug/L		EPA 200.8/6020
	Selenium	0.410	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.410	5.0	ug/L		EPA 200.8/6020
	Silver	-0.269	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.269	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.240	1.0	ug/L		EPA 200.8/6020
	Vanadium	-1.32	5.0	ug/L		EPA 200.8/6020
	Zinc	-1.64	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-1.64	5.0	ug/L		EPA 200.8/6020
M1D0103-CCB1	Antimony (dissolved)	1.46	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.171	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0770	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.229	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	-0.513	5.0	ug/L		EPA 200.8/6020
	Antimony	1.46	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.415	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	0.415	2.0	ug/L		EPA 200.8/6020
	Barium	-0.171	5.0	ug/L		EPA 200.8/6020

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0103
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0103-CCB1	Beryllium	-0.0770	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.274	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.309	0.50	ug/L		EPA 200.8/6020
	Chromium	-0.786	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	-0.786	2.0	ug/L		EPA 200.8/6020
	Cobalt	-0.404	5.0	ug/L		EPA 200.8/6020
	Copper	-0.561	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.553	1.0	ug/L		EPA 200.8/6020
	Lead	-0.415	1.0	ug/L		EPA 200.8/6020
	Lead (dissolved)	-0.415	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.292	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.292	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.377	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	-0.377	5.0	ug/L		EPA 200.8/6020
	Selenium	0.615	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.615	5.0	ug/L		EPA 200.8/6020
	Silver	-0.275	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.275	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.229	1.0	ug/L		EPA 200.8/6020
	Vanadium	-0.513	5.0	ug/L		EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0103
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0103-CCB1	Zinc	-1.67	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-1.67	5.0	ug/L		EPA 200.8/6020
M1D0103-CCB2	Antimony (dissolved)	0.422	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.179	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0680	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.221	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	-2.29	5.0	ug/L		EPA 200.8/6020
	Antimony	0.422	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.0340	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	0.0340	2.0	ug/L		EPA 200.8/6020
	Barium	-0.179	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0680	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.280	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.313	0.50	ug/L		EPA 200.8/6020
	Chromium	-0.495	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	-0.495	2.0	ug/L		EPA 200.8/6020
	Cobalt	-0.403	5.0	ug/L		EPA 200.8/6020
	Copper	-0.522	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.483	1.0	ug/L		EPA 200.8/6020
	Lead	-0.416	1.0	ug/L		EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0103
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0103-CCB2	Lead (dissolved)	-0.416	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.285	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.285	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.359	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	-0.359	5.0	ug/L		EPA 200.8/6020
	Selenium	0.448	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.448	5.0	ug/L		EPA 200.8/6020
	Silver	-0.280	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.280	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.221	1.0	ug/L		EPA 200.8/6020
	Vanadium	-2.29	5.0	ug/L		EPA 200.8/6020
	Zinc	-1.60	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-1.60	5.0	ug/L		EPA 200.8/6020
1114155-BLK1	Antimony (dissolved)	-0.000310	0.0050	mg/L		EPA 200.8/6020
	Barium (dissolved)	-0.0000990	0.010	mg/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0000710	0.0020	mg/L		EPA 200.8/6020
	Thallium (dissolved)	-0.000264	0.0020	mg/L		EPA 200.8/6020
	Vanadium (dissolved)	-0.000617	0.010	mg/L		EPA 200.8/6020
	Antimony	-0.000310	0.0050	mg/L		EPA 200.8/6020
	Arsenic	0.000115	0.0020	mg/L		EPA 200.8/6020

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0103
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114155-BLK1	Arsenic (dissolved)	0.000115	0.0020	mg/L		EPA 200.8/6020
	Barium	-0.0000990	0.0050	mg/L		EPA 200.8/6020
	Beryllium	-0.0000710	0.0010	mg/L		EPA 200.8/6020
	Cadmium	-0.000282	0.00050	mg/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.000315	0.0040	mg/L		EPA 200.8/6020
	Chromium	-0.000218	0.0020	mg/L		EPA 200.8/6020
	Chromium (dissolved)	-0.000218	0.10	mg/L		EPA 200.8/6020
	Cobalt	-0.000405	0.0050	mg/L		EPA 200.8/6020
	Copper	-0.000435	0.0010	mg/L		EPA 200.8/6020
	Copper (dissolved)	-0.000419	0.010	mg/L		EPA 200.8/6020
	Lead	-0.000416	0.0010	mg/L		EPA 200.8/6020
	Lead (dissolved)	-0.000416	0.0020	mg/L		EPA 200.8/6020
	Manganese	-0.000267	0.0010	mg/L		EPA 200.8/6020
	Manganese (dissolved)	-0.000267	0.010	mg/L		EPA 200.8/6020
	Nickel	-0.000346	0.0050	mg/L		EPA 200.8/6020
	Nickel (dissolved)	-0.000346	0.011	mg/L		EPA 200.8/6020
	Selenium	0.000240	0.0050	mg/L		EPA 200.8/6020
	Selenium (dissolved)	0.000240	0.035	mg/L		EPA 200.8/6020
	Silver	-0.000314	0.0010	mg/L		EPA 200.8/6020
	Silver (dissolved)	-0.000314	0.010	mg/L		EPA 200.8/6020

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0103
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114155-BLK1	Thallium	-0.000264	0.0010	mg/L		EPA 200.8/6020
	Vanadium	-0.000617	0.0050	mg/L		EPA 200.8/6020
	Zinc	-0.000984	0.0050	mg/L		EPA 200.8/6020
	Zinc (dissolved)	-0.000984	0.010	mg/L		EPA 200.8/6020
M1D0103-CCB3	Antimony (dissolved)	0.379	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.179	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0760	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.224	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	1.40	5.0	ug/L		EPA 200.8/6020
	Antimony	0.379	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.0550	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	0.0550	2.0	ug/L		EPA 200.8/6020
	Barium	-0.179	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0760	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.280	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.316	0.50	ug/L		EPA 200.8/6020
	Chromium	-1.98	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	-1.98	2.0	ug/L		EPA 200.8/6020
	Cobalt	-0.405	5.0	ug/L		EPA 200.8/6020
	Copper	-0.502	1.0	ug/L		EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0103
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0103-CCB3	Copper (dissolved)	-0.545	1.0	ug/L		EPA 200.8/6020
	Lead	-0.416	1.0	ug/L		EPA 200.8/6020
	Lead (dissolved)	-0.416	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.275	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.275	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.370	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	-0.370	5.0	ug/L		EPA 200.8/6020
	Selenium	0.500	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.500	5.0	ug/L		EPA 200.8/6020
	Silver	-0.281	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.281	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.224	1.0	ug/L		EPA 200.8/6020
	Vanadium	1.40	5.0	ug/L		EPA 200.8/6020
	Zinc	-1.57	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-1.57	5.0	ug/L		EPA 200.8/6020
M1D0103-CCB4	Antimony (dissolved)	0.168	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.186	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.100	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.249	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	-1.69	5.0	ug/L		EPA 200.8/6020

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BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0103
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0103-CCB4	Antimony	0.168	5.0	ug/L		EPA 200.8/6020
	Arsenic	-0.0430	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	-0.0430	2.0	ug/L		EPA 200.8/6020
	Barium	-0.186	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.100	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.285	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.317	0.50	ug/L		EPA 200.8/6020
	Chromium	-1.70	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	-1.70	2.0	ug/L		EPA 200.8/6020
	Cobalt	-0.404	5.0	ug/L		EPA 200.8/6020
	Copper	-0.535	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.498	1.0	ug/L		EPA 200.8/6020
	Lead	-0.416	1.0	ug/L		EPA 200.8/6020
	Lead (dissolved)	-0.416	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.305	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.305	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.345	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	-0.345	5.0	ug/L		EPA 200.8/6020
	Selenium	0.309	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.309	5.0	ug/L		EPA 200.8/6020

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BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0103
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0103-CCB4	Silver	-0.289	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.289	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.249	1.0	ug/L		EPA 200.8/6020
	Vanadium	-1.69	5.0	ug/L		EPA 200.8/6020
	Zinc	-1.61	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-1.61	5.0	ug/L		EPA 200.8/6020

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0105
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0105-ICB1	Manganese	0.0420	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	0.0420	1.0	ug/L		EPA 200.8/6020
M1D0105-CCB1	Manganese	0.0380	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	0.0380	1.0	ug/L		EPA 200.8/6020
M1D0105-CCB4	Manganese	0.0390	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	0.0390	1.0	ug/L		EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0106
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0106-ICB1	Beryllium (dissolved)	0.0640	1.0	ug/L		EPA 200.8/6020
	Cobalt	0.180	5.0	ug/L		EPA 200.8/6020
	Copper	-0.305	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.481	1.0	ug/L		EPA 200.8/6020
	Manganese	0.0420	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	0.0420	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.155	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	-0.155	5.0	ug/L		EPA 200.8/6020
M1D0106-CCB1	Beryllium (dissolved)	0.0660	1.0	ug/L		EPA 200.8/6020
	Cobalt	0.181	5.0	ug/L		EPA 200.8/6020
	Copper	-0.303	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.475	1.0	ug/L		EPA 200.8/6020
	Manganese	0.0380	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	0.0380	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.154	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	-0.154	5.0	ug/L		EPA 200.8/6020
M1D0106-CCB4	Beryllium (dissolved)	0.0660	1.0	ug/L		EPA 200.8/6020
	Cobalt	0.180	5.0	ug/L		EPA 200.8/6020
	Copper	-0.298	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.479	1.0	ug/L		EPA 200.8/6020

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0106
Calibration: MD10002

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0106-CCB4	Manganese	0.0390	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	0.0390	1.0	ug/L		EPA 200.8/6020
	Nickel	-0.146	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	-0.146	5.0	ug/L		EPA 200.8/6020

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0108
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0108-CCB1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	0.00	25	ug/L		EPA 8260B
	Iodomethane	0.00	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	0.940	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B

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EPA 8260B

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0108
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0108-CCB1	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Methacrylonitrile	0.00	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	25.1	10	ug/L	*	EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	25.3	10	ug/L	*	EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B
	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B

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EPA 8260B

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0108
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0108-CCB1	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	25.2	10	ug/L	*	EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B
	Isopropylbenzene (Cumene)	0.0400	1.0	ug/L		EPA 8260B
	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0108
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0108-CCB1	4-Bromofluorobenzene	25.4	10	ug/L	*	EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.250	5.0	ug/L		EPA 8260B
	Hexachlorobutadiene	0.750	5.0	ug/L		EPA 8260B
	Naphthalene	0.400	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0108
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0108-CCB1	1,2,3-Trichlorobenzene	0.350	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B
1114225-BLK1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	0.00	25	ug/L		EPA 8260B
	Iodomethane	0.00	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	0.910	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0108
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114225-BLK1	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B
	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Methacrylonitrile	0.00	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	25.3		ug/L		EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	25.2		ug/L		EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B

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BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: MSD6 Project: Greys Landfill
Sequence: M1D0108 Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114225-BLK1	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B
	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	24.3		ug/L		EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0108
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114225-BLK1	Isopropylbenzene (Cumene)	0.00	1.0	ug/L		EPA 8260B
	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	4-Bromofluorobenzene	25.0		ug/L		EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0108
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114225-BLK1	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8260B
	Naphthalene	0.00	1.0	ug/L		EPA 8260B
	1,2,3-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB1	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	75.0		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	74.5		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	47.8		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C

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BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB1	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.5		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB1	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	53.9		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	46.2		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB1	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
1114230-BLK1	N-Nitrosodimethylamine	0.00	5.0	ug/L		EPA 8270C
	Pyridine	0.00	5.0	ug/L		EPA 8270C
	2-Fluorophenol	34.8		ug/L		EPA 8270C
	Pentachloroethane	0.00	5.0	ug/L		EPA 8270C
	Aniline	0.00	5.0	ug/L		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/L		EPA 8270C
	Phenol-d5	24.1		ug/L		EPA 8270C
	Phenol	0.00	5.0	ug/L		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/L		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/L		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114230-BLK1	2-Methylphenol	0.00	5.0	ug/L		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/L		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/L		EPA 8270C
	Nitrobenzene-d5	36.0		ug/L		EPA 8270C
	Nitrobenzene	0.00	5.0	ug/L		EPA 8270C
	Isophorone	0.00	5.0	ug/L		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/L		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/L		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/L		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/L		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/L		EPA 8270C
	Naphthalene	0.00	5.0	ug/L		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/L		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/L		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/L		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/L		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/L		EPA 8270C
	2-Fluorobiphenyl	32.9		ug/L		EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/L		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114230-BLK1	Acenaphthylene	0.00	5.0	ug/L		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/L		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/L		EPA 8270C
	Acenaphthene	0.00	5.0	ug/L		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/L		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/L		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/L		EPA 8270C
	4-Nitrophenol	0.00	10	ug/L		EPA 8270C
	Fluorene	0.00	5.0	ug/L		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/L		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/L		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/L		EPA 8270C
	2,4,6-Tribromophenol	49.5		ug/L		EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/L		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/L		EPA 8270C
	Pentachlorophenol	0.00	10	ug/L		EPA 8270C
	Phenanthrene	0.00	5.0	ug/L		EPA 8270C
	Anthracene	0.00	5.0	ug/L		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/L		EPA 8270C
	Fluoranthene	0.00	5.0	ug/L		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114230-BLK1	Pyrene	0.00	5.0	ug/L		EPA 8270C
	Terphenyl-d14	36.5		ug/L		EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/L		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/L		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/L		EPA 8270C
	Chrysene	0.00	5.0	ug/L		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/L		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/L		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/L		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/L		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/L		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/L		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/L		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/L		EPA 8270C
M1D0301-ICB2	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	76.6		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB2	Phenol-d5	73.7		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	49.3		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C

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BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB2	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	45.9		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	65.1		ug/ml	*	EPA 8270C

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB2	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	45.3		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB2	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1D0301-ICB3	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	75.5		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	73.2		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	49.5		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB3	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.6		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB3	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	64.8		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	44.8		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0301
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0301-ICB3	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB1	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	74.1		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	72.6		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	46.2		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB1	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.3		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB1	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	61.2		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	46.6		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB1	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1D0401-ICB2	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	74.6		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	72.8		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB2	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	48.1		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.0		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB2	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	64.0		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB2	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	46.6		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1D0401-ICB3	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	71.4		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB3	Phenol-d5	68.9		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	48.6		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB3	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	46.3		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	58.5		ug/ml	*	EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB3	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	47.5		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D0401
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0401-ICB3	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1D0402
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0402-ICB1	Calcium (dissolved)	-0.0120	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.00122	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.00178	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	-0.00164	0.010	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.416	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.0120	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00122	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00178	0.010	mg/L		EPA 200.7/6010B
	Potassium	-0.00164	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.416	1.0	mg/L		EPA 200.7/6010B
M1D0402-CCB1	Calcium (dissolved)	-0.00944	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.00264	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	-0.00231	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	-0.00363	0.010	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.341	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.00944	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00264	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	-0.00231	0.010	mg/L		EPA 200.7/6010B
	Potassium	-0.00363	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.341	1.0	mg/L		EPA 200.7/6010B

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BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1D0402
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1114154-BLK1	Calcium (dissolved)	0.00329	0.080	mg/L		EPA 200.7/6010B
	Iron (dissolved)	-0.000133	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.000907	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	0.00123	0.39	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.437	1.0	mg/L		EPA 200.7/6010B
	Calcium	0.00329	0.050	mg/L		EPA 200.7/6010B
	Iron	-0.000133	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.000907	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00123	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.437	1.0	mg/L		EPA 200.7/6010B
M1D0402-CCB2	Calcium (dissolved)	-0.00888	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.00165	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	-0.00214	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	-0.00234	0.010	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.434	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.00888	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00165	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	-0.00214	0.010	mg/L		EPA 200.7/6010B
	Potassium	-0.00234	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.434	1.0	mg/L		EPA 200.7/6010B

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1D0402
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0402-CCB3	Calcium (dissolved)	0.00227	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.000744	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.000373	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	-0.00515	0.010	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.470	1.0	mg/L		EPA 200.7/6010B
	Calcium	0.00227	0.050	mg/L		EPA 200.7/6010B
	Iron	0.000744	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.000373	0.010	mg/L		EPA 200.7/6010B
	Potassium	-0.00515	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.470	1.0	mg/L		EPA 200.7/6010B

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0506
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0506-CCB1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	0.00	25	ug/L		EPA 8260B
	Iodomethane	0.290	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	0.770	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0506
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0506-CCB1	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Methacrylonitrile	0.00	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	25.7	10	ug/L	*	EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	25.6	10	ug/L	*	EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B
	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0506
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0506-CCB1	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	24.4	10	ug/L	*	EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B
	Isopropylbenzene (Cumene)	0.0600	1.0	ug/L		EPA 8260B
	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0506
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0506-CCB1	4-Bromofluorobenzene	24.3	10	ug/L	*	EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.270	5.0	ug/L		EPA 8260B
	Hexachlorobutadiene	0.870	5.0	ug/L		EPA 8260B
	Naphthalene	0.460	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0506
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0506-CCB1	1,2,3-Trichlorobenzene	0.440	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B
1115044-BLK1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	0.00	25	ug/L		EPA 8260B
	Iodomethane	0.00	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	0.00	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0506
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115044-BLK1	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B
	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Methacrylonitrile	0.00	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	25.8		ug/L		EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	25.9		ug/L		EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0506
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115044-BLK1	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B
	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	24.8		ug/L		EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0506
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115044-BLK1	Isopropylbenzene (Cumene)	0.00	1.0	ug/L		EPA 8260B
	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	4-Bromofluorobenzene	24.9		ug/L		EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B

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BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0506
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115044-BLK1	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8260B
	Naphthalene	0.00	1.0	ug/L		EPA 8260B
	1,2,3-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 245.1

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC

Instrument ID: Hg
Project: Greys Landfill

Sequence: M1D0507
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0507-ICB1	Mercury (dissolved)	-0.0735	0.20	ug/L		EPA 245.1
	Mercury	-0.0735	0.20	ug/L		EPA 245.1/7470A
1114258-BLK1	Mercury (dissolved)	-0.0000751	0.00020	mg/L		EPA 245.1
	Mercury	-0.0000751	0.00020	mg/L		EPA 245.1/7470A
M1D0507-CCB1	Mercury (dissolved)	-0.0718	0.20	ug/L		EPA 245.1
	Mercury	-0.0718	0.20	ug/L		EPA 245.1/7470A
M1D0507-CCB2	Mercury (dissolved)	-0.0759	0.20	ug/L		EPA 245.1
	Mercury	-0.0759	0.20	ug/L		EPA 245.1/7470A
M1D0507-CCB3	Mercury (dissolved)	-0.0720	0.20	ug/L		EPA 245.1
	Mercury	-0.0720	0.20	ug/L		EPA 245.1/7470A
M1D0507-CCB4	Mercury (dissolved)	-0.0757	0.20	ug/L		EPA 245.1
	Mercury	-0.0757	0.20	ug/L		EPA 245.1/7470A

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0602
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0602-CCB1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	0.00	25	ug/L		EPA 8260B
	Iodomethane	0.0100	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	0.710	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0602
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0602-CCB1	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Methacrylonitrile	0.260	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	25.4	10	ug/L	*	EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	25.4	10	ug/L	*	EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B
	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B

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Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0602
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0602-CCB1	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	24.2	10	ug/L	*	EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B
	Isopropylbenzene (Cumene)	0.0300	1.0	ug/L		EPA 8260B
	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0602
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0602-CCB1	4-Bromofluorobenzene	25.1	10	ug/L	*	EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.200	5.0	ug/L		EPA 8260B
	Hexachlorobutadiene	0.820	5.0	ug/L		EPA 8260B
	Naphthalene	0.310	1.0	ug/L		EPA 8260B

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0602
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0602-CCB1	1,2,3-Trichlorobenzene	0.360	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B
1115099-BLK1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	0.00	25	ug/L		EPA 8260B
	Iodomethane	0.00	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	0.00	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0602
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115099-BLK1	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B
	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Methacrylonitrile	0.00	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	25.3		ug/L		EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	25.5		ug/L		EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0602
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115099-BLK1	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B
	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	24.3		ug/L		EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0602
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115099-BLK1	Isopropylbenzene (Cumene)	0.00	1.0	ug/L		EPA 8260B
	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	4-Bromofluorobenzene	24.8		ug/L		EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0602
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115099-BLK1	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8260B
	Naphthalene	0.00	1.0	ug/L		EPA 8260B
	1,2,3-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0701
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0701-CCB1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	0.00	25	ug/L		EPA 8260B
	Iodomethane	0.00	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	0.790	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B

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BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0701
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0701-CCB1	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Methacrylonitrile	0.0300	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	22.7	10	ug/L	*	EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	24.2	10	ug/L	*	EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B
	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0701
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0701-CCB1	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	24.6	10	ug/L	*	EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B
	Isopropylbenzene (Cumene)	0.00	1.0	ug/L		EPA 8260B
	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B

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BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0701
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0701-CCB1	4-Bromofluorobenzene	24.4	10	ug/L	*	EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	1.43	1.0	ug/L	*	EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	2.38	1.0	ug/L	*	EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B
	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8260B
	Naphthalene	0.00	1.0	ug/L		EPA 8260B

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EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0701
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0701-CCB1	1,2,3-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B
1115148-BLK1	Dichlorodifluoromethane	0.00	1.0	ug/L		EPA 8260B
	Chloromethane	0.00	1.0	ug/L		EPA 8260B
	Vinyl chloride	0.00	1.0	ug/L		EPA 8260B
	Bromomethane	0.00	5.0	ug/L		EPA 8260B
	Chloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichlorofluoromethane	0.00	1.0	ug/L		EPA 8260B
	Acrolein	0.00	10	ug/L		EPA 8260B
	1,1-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acetone	0.00	25	ug/L		EPA 8260B
	Iodomethane	0.00	1.0	ug/L		EPA 8260B
	Carbon disulfide	0.00	1.0	ug/L		EPA 8260B
	Allyl Chloride (3-Chloropropylene)	0.00	1.0	ug/L		EPA 8260B
	Acetonitrile	0.00	5.0	ug/L		EPA 8260B
	Methylene Chloride	0.790	5.0	ug/L		EPA 8260B
	Methyl-tert-Butyl Ether	0.00	1.0	ug/L		EPA 8260B
	trans-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	Acrylonitrile	0.00	5.0	ug/L		EPA 8260B
	1,1-Dichloroethane	0.00	1.0	ug/L		EPA 8260B

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0701
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115148-BLK1	Chloroprene	0.00	1.0	ug/L		EPA 8260B
	2,2-Dichloropropane	0.00	5.0	ug/L		EPA 8260B
	cis-1,2-Dichloroethene	0.00	1.0	ug/L		EPA 8260B
	2-Butanone (MEK)	0.00	5.0	ug/L		EPA 8260B
	Propionitrile (Ethyl Cyanide)	0.00	5.0	ug/L		EPA 8260B
	Methacrylonitrile	0.00	5.0	ug/L		EPA 8260B
	Chloroform	0.00	1.0	ug/L		EPA 8260B
	Bromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Dibromofluoromethane	22.8		ug/L		EPA 8260B
	1,1,1-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane-d4	25.3		ug/L		EPA 8260B
	1,1-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Carbon Tetrachloride	0.00	1.0	ug/L		EPA 8260B
	Benzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloroethane	0.00	1.0	ug/L		EPA 8260B
	Trichloroethene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromodichloromethane	0.00	1.0	ug/L		EPA 8260B
	Methyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	Dibromomethane	0.00	2.0	ug/L		EPA 8260B

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0701
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115148-BLK1	2-Chloroethyl Vinyl Ether	0.00	1.0	ug/L		EPA 8260B
	Methyl Isobutyl Ketone	0.00	5.0	ug/L		EPA 8260B
	cis-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Toluene	0.00	1.0	ug/L		EPA 8260B
	trans-1,3-Dichloropropene	0.00	1.0	ug/L		EPA 8260B
	Ethyl Methacrylate	0.00	1.0	ug/L		EPA 8260B
	1,1,2-Trichloroethane	0.00	1.0	ug/L		EPA 8260B
	2-Hexanone (MBK)	0.00	5.0	ug/L		EPA 8260B
	1,2-Dibromoethane	0.00	1.0	ug/L		EPA 8260B
	Toluene-d8	24.5		ug/L		EPA 8260B
	Tetrachloroethene	0.00	1.0	ug/L		EPA 8260B
	1,3-Dichloropropane	0.00	1.0	ug/L		EPA 8260B
	Dibromochloromethane	0.00	1.0	ug/L		EPA 8260B
	Chlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,1,1,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	Ethylbenzene	0.00	1.0	ug/L		EPA 8260B
	m,p-Xylenes	0.00	2.0	ug/L		EPA 8260B
	o-Xylene	0.00	1.0	ug/L		EPA 8260B
	Styrene	0.00	1.0	ug/L		EPA 8260B
	Bromoform	0.00	1.0	ug/L		EPA 8260B

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BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0701
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115148-BLK1	Isopropylbenzene (Cumene)	0.00	1.0	ug/L		EPA 8260B
	1,1,2,2-Tetrachloroethane	0.00	1.0	ug/L		EPA 8260B
	4-Bromofluorobenzene	24.0		ug/L		EPA 8260B
	1,2,3-Trichloropropane	0.00	1.0	ug/L		EPA 8260B
	Bromobenzene	0.00	1.0	ug/L		EPA 8260B
	Propylbenzene	0.00	1.0	ug/L		EPA 8260B
	2-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	1,3,5-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Chlorotoluene	0.00	1.0	ug/L		EPA 8260B
	tert-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2,4-Trimethylbenzene	0.00	1.0	ug/L		EPA 8260B
	sec-Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	4-Isopropyltoluene	1.60	1.0	ug/L	*	EPA 8260B
	1,3-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,4-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	trans-1,4-Dichloro-2-butene	0.00	5.0	ug/L		EPA 8260B
	Butylbenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dichlorobenzene	0.00	1.0	ug/L		EPA 8260B
	1,2-Dibromo-3-chloropropane	0.00	5.0	ug/L		EPA 8260B
	1,2,4-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B

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BLANKS
EPA 8260B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD6
Project: Greys Landfill
Sequence: M1D0701
Calibration: MD10004

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115148-BLK1	Hexachlorobutadiene	0.00	5.0	ug/L		EPA 8260B
	Naphthalene	0.00	1.0	ug/L		EPA 8260B
	1,2,3-Trichlorobenzene	0.00	5.0	ug/L		EPA 8260B
	Total Xylenes	0.00	3.0	ug/L		EPA 8260B

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EPA 245.1

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC

Instrument ID: Hg
Project: Greys Landfill

Sequence: M1D0710
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0710-ICB1	Mercury (dissolved)	-0.0448	0.20	ug/L		EPA 245.1
	Mercury	-0.0448	0.20	ug/L		EPA 245.1/7470A
1115126-BLK1	Mercury (dissolved)	-0.0000661	0.00020	mg/L		EPA 245.1
	Mercury	-0.0000661	0.00020	mg/L		EPA 245.1/7470A
1115126-BLK2	Mercury (dissolved)	-0.0000617	0.00020	mg/L		EPA 245.1
	Mercury	-0.0000617	0.00020	mg/L		EPA 245.1/7470A
M1D0710-CCB1	Mercury (dissolved)	-0.0487	0.20	ug/L		EPA 245.1
	Mercury	-0.0487	0.20	ug/L		EPA 245.1/7470A
M1D0710-CCB2	Mercury (dissolved)	-0.0489	0.20	ug/L		EPA 245.1
	Mercury	-0.0489	0.20	ug/L		EPA 245.1/7470A
M1D0710-CCB3	Mercury (dissolved)	-0.0547	0.20	ug/L		EPA 245.1
	Mercury	-0.0547	0.20	ug/L		EPA 245.1/7470A

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 245.1/7470A

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Hg
Project: Greys Landfill
Sequence: M1D0711
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0711-ICB1	Mercury	-0.0570	0.20	ug/L		EPA 245.1/7470A
M1D0711-CCB1	Mercury	-0.0463	0.20	ug/L		EPA 245.1/7470A
M1D0711-CCB2	Mercury	-0.0544	0.20	ug/L		EPA 245.1/7470A

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0803-ICB1	Antimony (dissolved)	2.16	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.0670	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0660	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.117	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	1.18	5.0	ug/L		EPA 200.8/6020
	Antimony	2.16	5.0	ug/L		EPA 200.8/6020
	Arsenic	-0.547	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	-0.547	2.0	ug/L		EPA 200.8/6020
	Barium	-0.0670	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0660	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.103	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.204	0.50	ug/L		EPA 200.8/6020
	Chromium	0.188	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	0.188	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0670	5.0	ug/L		EPA 200.8/6020
	Copper	-0.343	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.511	1.0	ug/L		EPA 200.8/6020
	Lead	-0.356	1.0	ug/L		EPA 200.8/6020
	Lead (dissolved)	-0.356	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.423	1.0	ug/L		EPA 200.8/6020

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0803-ICB1	Manganese (dissolved)	-0.423	1.0	ug/L		EPA 200.8/6020
	Nickel	0.00900	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	0.00900	5.0	ug/L		EPA 200.8/6020
	Selenium	0.286	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.286	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0440	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.0440	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.117	1.0	ug/L		EPA 200.8/6020
	Vanadium	1.18	5.0	ug/L		EPA 200.8/6020
	Zinc	-0.631	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-0.631	5.0	ug/L		EPA 200.8/6020
M1D0803-CCB1	Antimony (dissolved)	2.40	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.0620	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0700	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.0550	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	3.19	5.0	ug/L		EPA 200.8/6020
	Antimony	2.40	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.202	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	0.202	2.0	ug/L		EPA 200.8/6020
	Barium	-0.0620	5.0	ug/L		EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0803-CCB1	Beryllium	-0.0700	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.103	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.203	0.50	ug/L		EPA 200.8/6020
	Chromium	-0.600	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	-0.600	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0650	5.0	ug/L		EPA 200.8/6020
	Copper	-0.330	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.501	1.0	ug/L		EPA 200.8/6020
	Lead	-0.358	1.0	ug/L		EPA 200.8/6020
	Lead (dissolved)	-0.358	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.446	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.446	1.0	ug/L		EPA 200.8/6020
	Nickel	0.0120	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	0.0120	5.0	ug/L		EPA 200.8/6020
	Selenium	0.331	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.331	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0280	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.0280	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.0550	1.0	ug/L		EPA 200.8/6020
	Vanadium	3.19	5.0	ug/L		EPA 200.8/6020

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0803-CCB1	Zinc	-0.670	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-0.670	5.0	ug/L		EPA 200.8/6020
M1D0803-CCB4	Antimony (dissolved)	1.29	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.0730	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0400	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.184	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	-1.42	5.0	ug/L		EPA 200.8/6020
	Antimony	1.29	5.0	ug/L		EPA 200.8/6020
	Arsenic	-0.424	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	-0.424	2.0	ug/L		EPA 200.8/6020
	Barium	-0.0730	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0400	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.107	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.203	0.50	ug/L		EPA 200.8/6020
	Chromium	0.888	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	0.888	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0670	5.0	ug/L		EPA 200.8/6020
	Copper	-0.233	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.486	1.0	ug/L		EPA 200.8/6020
	Lead	-0.368	1.0	ug/L		EPA 200.8/6020

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0803-CCB4	Lead (dissolved)	-0.368	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.385	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.385	1.0	ug/L		EPA 200.8/6020
	Nickel	0.0480	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	0.0480	5.0	ug/L		EPA 200.8/6020
	Selenium	0.0370	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.0370	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0390	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.0390	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.184	1.0	ug/L		EPA 200.8/6020
	Vanadium	-1.42	5.0	ug/L		EPA 200.8/6020
	Zinc	-0.516	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-0.516	5.0	ug/L		EPA 200.8/6020
1115077-BLK1	Antimony (dissolved)	0.000213	0.0050	mg/L		EPA 200.8/6020
	Barium (dissolved)	-0.0000190	0.010	mg/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0000380	0.0020	mg/L		EPA 200.8/6020
	Thallium (dissolved)	-0.000190	0.0020	mg/L		EPA 200.8/6020
	Vanadium (dissolved)	0.00141	0.010	mg/L		EPA 200.8/6020
	Antimony	0.000213	0.0050	mg/L		EPA 200.8/6020
	Arsenic	0.000298	0.0020	mg/L		EPA 200.8/6020

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115077-BLK1	Arsenic (dissolved)	0.000298	0.0020	mg/L		EPA 200.8/6020
	Barium	-0.0000190	0.0050	mg/L		EPA 200.8/6020
	Beryllium	-0.0000380	0.0010	mg/L		EPA 200.8/6020
	Cadmium	-0.000102	0.00050	mg/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.000198	0.0040	mg/L		EPA 200.8/6020
	Chromium	-0.000548	0.0020	mg/L		EPA 200.8/6020
	Chromium (dissolved)	-0.000548	0.10	mg/L		EPA 200.8/6020
	Cobalt	0.0000710	0.0050	mg/L		EPA 200.8/6020
	Copper	-0.000181	0.0010	mg/L		EPA 200.8/6020
	Copper (dissolved)	-0.000404	0.010	mg/L		EPA 200.8/6020
	Lead	-0.000336	0.0010	mg/L		EPA 200.8/6020
	Lead (dissolved)	-0.000336	0.0020	mg/L		EPA 200.8/6020
	Manganese	0.00000800	0.0010	mg/L		EPA 200.8/6020
	Manganese (dissolved)	0.00000800	0.010	mg/L		EPA 200.8/6020
	Nickel	0.000232	0.0050	mg/L		EPA 200.8/6020
	Nickel (dissolved)	0.000232	0.011	mg/L		EPA 200.8/6020
	Selenium	0.0000690	0.0050	mg/L		EPA 200.8/6020
	Selenium (dissolved)	0.0000690	0.035	mg/L		EPA 200.8/6020
	Silver	-0.0000370	0.0010	mg/L		EPA 200.8/6020
	Silver (dissolved)	-0.0000370	0.010	mg/L		EPA 200.8/6020

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SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115077-BLK1	Thallium	-0.000190	0.0010	mg/L		EPA 200.8/6020
	Vanadium	0.00141	0.0050	mg/L		EPA 200.8/6020
	Zinc	0.00451	0.0050	mg/L		EPA 200.8/6020
	Zinc (dissolved)	0.00451	0.010	mg/L		EPA 200.8/6020
M1D0803-CCB5	Antimony (dissolved)	1.19	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.0740	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0600	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.0120	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	1.00	5.0	ug/L		EPA 200.8/6020
	Antimony	1.19	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.223	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	0.223	2.0	ug/L		EPA 200.8/6020
	Barium	-0.0740	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0600	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.105	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.197	0.50	ug/L		EPA 200.8/6020
	Chromium	-0.570	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	-0.570	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0640	5.0	ug/L		EPA 200.8/6020
	Copper	-0.284	1.0	ug/L		EPA 200.8/6020

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0803-CCB5	Copper (dissolved)	-0.326	1.0	ug/L		EPA 200.8/6020
	Lead	-0.363	1.0	ug/L		EPA 200.8/6020
	Lead (dissolved)	-0.363	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.412	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.412	1.0	ug/L		EPA 200.8/6020
	Nickel	0.0770	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	0.0770	5.0	ug/L		EPA 200.8/6020
	Selenium	0.460	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.460	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0340	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.0340	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.0120	1.0	ug/L		EPA 200.8/6020
	Vanadium	1.00	5.0	ug/L		EPA 200.8/6020
	Zinc	-0.613	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-0.613	5.0	ug/L		EPA 200.8/6020
M1D0803-CCB6	Antimony (dissolved)	1.29	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.0710	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0720	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.162	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	2.61	5.0	ug/L		EPA 200.8/6020

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0803-CCB6	Antimony	1.29	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.128	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	0.128	2.0	ug/L		EPA 200.8/6020
	Barium	-0.0710	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0720	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.106	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.205	0.50	ug/L		EPA 200.8/6020
	Chromium	-0.901	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	-0.901	2.0	ug/L		EPA 200.8/6020
	Cobalt	0.0630	5.0	ug/L		EPA 200.8/6020
	Copper	-0.208	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.422	1.0	ug/L		EPA 200.8/6020
	Lead	-0.366	1.0	ug/L		EPA 200.8/6020
	Lead (dissolved)	-0.366	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.436	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.436	1.0	ug/L		EPA 200.8/6020
	Nickel	0.122	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	0.122	5.0	ug/L		EPA 200.8/6020
	Selenium	0.372	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.372	5.0	ug/L		EPA 200.8/6020

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0803-CCB6	Silver	-0.0370	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.0370	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.162	1.0	ug/L		EPA 200.8/6020
	Vanadium	2.61	5.0	ug/L		EPA 200.8/6020
	Zinc	-0.538	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-0.538	5.0	ug/L		EPA 200.8/6020
M1D0803-CCB7	Antimony (dissolved)	1.21	5.0	ug/L		EPA 200.8/6020
	Barium (dissolved)	-0.0620	5.0	ug/L		EPA 200.8/6020
	Beryllium (dissolved)	-0.0380	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.170	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	1.01	5.0	ug/L		EPA 200.8/6020
	Antimony	1.21	5.0	ug/L		EPA 200.8/6020
	Arsenic	0.531	2.0	ug/L		EPA 200.8/6020
	Arsenic (dissolved)	0.531	2.0	ug/L		EPA 200.8/6020
	Barium	-0.0620	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0380	1.0	ug/L		EPA 200.8/6020
	Cadmium	-0.0810	0.50	ug/L		EPA 200.8/6020
	Cadmium (dissolved)	-0.174	0.50	ug/L		EPA 200.8/6020
	Chromium	-0.554	2.0	ug/L		EPA 200.8/6020
	Chromium (dissolved)	-0.554	2.0	ug/L		EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0803
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0803-CCB7	Cobalt	0.0870	5.0	ug/L		EPA 200.8/6020
	Copper	-0.245	1.0	ug/L		EPA 200.8/6020
	Copper (dissolved)	-0.449	1.0	ug/L		EPA 200.8/6020
	Lead	-0.343	1.0	ug/L		EPA 200.8/6020
	Lead (dissolved)	-0.343	1.0	ug/L		EPA 200.8/6020
	Manganese	-0.400	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.400	1.0	ug/L		EPA 200.8/6020
	Nickel	0.0940	5.0	ug/L		EPA 200.8/6020
	Nickel (dissolved)	0.0940	5.0	ug/L		EPA 200.8/6020
	Selenium	0.336	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.336	5.0	ug/L		EPA 200.8/6020
	Silver	-0.0360	1.0	ug/L		EPA 200.8/6020
	Silver (dissolved)	-0.0360	1.0	ug/L		EPA 200.8/6020
	Thallium	-0.170	1.0	ug/L		EPA 200.8/6020
	Vanadium	1.01	5.0	ug/L		EPA 200.8/6020
	Zinc	-0.586	5.0	ug/L		EPA 200.8/6020
	Zinc (dissolved)	-0.586	5.0	ug/L		EPA 200.8/6020

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0808
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0808-ICB1	Manganese	-0.404	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.404	1.0	ug/L		EPA 200.8/6020
M1D0808-CCB1	Manganese	-0.415	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.415	1.0	ug/L		EPA 200.8/6020
M1D0808-CCB2	Manganese	-0.371	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.371	1.0	ug/L		EPA 200.8/6020
1115077-BLK2	Manganese	0.0000330	0.0010	mg/L		EPA 200.8/6020
	Manganese (dissolved)	0.0000330	0.010	mg/L		EPA 200.8/6020
M1D0808-CCB3	Manganese	-0.330	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.330	1.0	ug/L		EPA 200.8/6020
M1D0808-CCB4	Manganese	-0.400	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.400	1.0	ug/L		EPA 200.8/6020
M1D0808-CCB5	Manganese	-0.391	1.0	ug/L		EPA 200.8/6020
	Manganese (dissolved)	-0.391	1.0	ug/L		EPA 200.8/6020

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0810
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0810-ICB1	Beryllium (dissolved)	-0.0860	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	0.0830	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	0.816	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0860	1.0	ug/L		EPA 200.8/6020
	Selenium	0.123	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.123	5.0	ug/L		EPA 200.8/6020
	Thallium	0.0830	1.0	ug/L		EPA 200.8/6020
	Vanadium	0.816	5.0	ug/L		EPA 200.8/6020
M1D0810-CCB1	Beryllium (dissolved)	-0.0870	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	0.190	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	2.42	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0870	1.0	ug/L		EPA 200.8/6020
	Selenium	0.319	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.319	5.0	ug/L		EPA 200.8/6020
	Thallium	0.190	1.0	ug/L		EPA 200.8/6020
	Vanadium	2.42	5.0	ug/L		EPA 200.8/6020
M1D0810-CCB2	Beryllium (dissolved)	-0.0890	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	0.0940	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	-2.22	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0890	1.0	ug/L		EPA 200.8/6020

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0810
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0810-CCB2	Selenium	0.0560	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.0560	5.0	ug/L		EPA 200.8/6020
	Thallium	0.0940	1.0	ug/L		EPA 200.8/6020
	Vanadium	-2.22	5.0	ug/L		EPA 200.8/6020
M1D0810-CCB3	Beryllium (dissolved)	-0.0700	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	0.0700	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	-4.35	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0700	1.0	ug/L		EPA 200.8/6020
	Selenium	0.108	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.108	5.0	ug/L		EPA 200.8/6020
	Thallium	0.0700	1.0	ug/L		EPA 200.8/6020
	Vanadium	-4.35	5.0	ug/L		EPA 200.8/6020
M1D0810-CCB5	Beryllium (dissolved)	-0.0890	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	0.0560	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	0.00600	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0890	1.0	ug/L		EPA 200.8/6020
	Selenium	0.0910	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.0910	5.0	ug/L		EPA 200.8/6020
	Thallium	0.0560	1.0	ug/L		EPA 200.8/6020
	Vanadium	0.00600	5.0	ug/L		EPA 200.8/6020

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D0810
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0810-CCB4	Beryllium (dissolved)	-0.0880	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	0.0600	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	2.52	5.0	ug/L		EPA 200.8/6020
	Beryllium	-0.0880	1.0	ug/L		EPA 200.8/6020
	Selenium	0.202	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.202	5.0	ug/L		EPA 200.8/6020
	Thallium	0.0600	1.0	ug/L		EPA 200.8/6020
	Vanadium	2.52	5.0	ug/L		EPA 200.8/6020

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EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1D0815
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0815-ICB1	Calcium (dissolved)	-0.0163	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.000260	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.00000903	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	0.00220	0.010	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.493	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.0163	0.050	mg/L		EPA 200.7/6010B
	Iron	0.000260	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00000903	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00220	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.493	1.0	mg/L		EPA 200.7/6010B
M1D0815-CCB6	Calcium (dissolved)	-0.0379	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	-0.000467	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.000984	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	-0.000780	0.010	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.363	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.0379	0.050	mg/L		EPA 200.7/6010B
	Iron	-0.000467	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.000984	0.010	mg/L		EPA 200.7/6010B
	Potassium	-0.000780	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.363	1.0	mg/L		EPA 200.7/6010B

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BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1D0815
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1115076-BLK1	Calcium (dissolved)	-0.0212	0.080	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.000987	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.000328	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	0.00703	0.39	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.397	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.0212	0.050	mg/L		EPA 200.7/6010B
	Iron	0.000987	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.000328	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00703	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.397	1.0	mg/L		EPA 200.7/6010B
M1D0815-CCB7	Calcium (dissolved)	-0.0238	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.00578	0.0050	mg/L	*	EPA 200.7/6010B
	Magnesium (dissolved)	-0.000791	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	0.00706	0.010	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.365	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.0238	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00578	0.0050	mg/L	*	EPA 200.7/6010B
	Magnesium	-0.000791	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00706	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.365	1.0	mg/L		EPA 200.7/6010B

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1D0815
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0815-CCB8	Calcium (dissolved)	-0.0206	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.00405	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.00177	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	0.00835	0.010	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.291	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.0206	0.050	mg/L		EPA 200.7/6010B
	Iron	0.00405	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00177	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00835	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.291	1.0	mg/L		EPA 200.7/6010B
M1D0815-CCB9	Calcium (dissolved)	-0.0240	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	0.000530	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.00181	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	0.00872	0.010	mg/L		EPA 200.7/6010B
	Sodium (dissolved)	0.398	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.0240	0.050	mg/L		EPA 200.7/6010B
	Iron	0.000530	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00181	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.00872	0.010	mg/L		EPA 200.7/6010B
	Sodium	0.398	1.0	mg/L		EPA 200.7/6010B

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BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Greys Landfill
Sequence: M1D0815
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D0815-CCBA	Calcium (dissolved)	-0.0174	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	-0.000290	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	0.00367	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	0.0127	0.010	mg/L	*	EPA 200.7/6010B
	Sodium (dissolved)	0.340	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.0174	0.050	mg/L		EPA 200.7/6010B
	Iron	-0.000290	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	0.00367	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.0127	0.010	mg/L	*	EPA 200.7/6010B
	Sodium	0.340	1.0	mg/L		EPA 200.7/6010B
M1D0815-CCBB	Calcium (dissolved)	-0.0291	0.050	mg/L		EPA 200.7/6010B
	Iron (dissolved)	-0.000295	0.0050	mg/L		EPA 200.7/6010B
	Magnesium (dissolved)	-0.0000786	0.010	mg/L		EPA 200.7/6010B
	Potassium (dissolved)	0.0124	0.010	mg/L	*	EPA 200.7/6010B
	Sodium (dissolved)	0.301	1.0	mg/L		EPA 200.7/6010B
	Calcium	-0.0291	0.050	mg/L		EPA 200.7/6010B
	Iron	-0.000295	0.0050	mg/L		EPA 200.7/6010B
	Magnesium	-0.0000786	0.010	mg/L		EPA 200.7/6010B
	Potassium	0.0124	0.010	mg/L	*	EPA 200.7/6010B
	Sodium	0.301	1.0	mg/L		EPA 200.7/6010B

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D1101
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB1	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	73.6		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	75.2		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	49.2		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D1101
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB1	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	47.2		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D1101
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB1	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	62.2		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	51.5		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D1101
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB1	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1D1101-ICB2	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	74.9		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C
	Phenol-d5	71.8		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D1101
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB2	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	47.9		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C
	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	47.8		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D1101
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB2	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	63.7		ug/ml	*	EPA 8270C
	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D1101
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB2	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	54.0		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C
M1D1101-ICB3	N-Nitrosodimethylamine	0.00	5.0	ug/ml		EPA 8270C
	Pyridine	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorophenol	73.8		ug/ml	*	EPA 8270C
	Pentachloroethane	0.00	5.0	ug/ml		EPA 8270C
	Aniline	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Chloroethyl)ether	0.00	5.0	ug/ml		EPA 8270C

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SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D1101
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB3	Phenol-d5	72.3		ug/ml	*	EPA 8270C
	Phenol	0.00	5.0	ug/ml		EPA 8270C
	2-Chlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,3-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,4-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	1,2-Dichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-chloroisopropyl)ether	0.00	5.0	ug/ml		EPA 8270C
	2-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Hexachloroethane	0.00	5.0	ug/ml		EPA 8270C
	4-Methylphenol, 3-Methylphenol	0.00	5.0	ug/ml		EPA 8270C
	Nitrobenzene-d5	48.5		ug/ml	*	EPA 8270C
	Nitrobenzene	0.00	5.0	ug/ml		EPA 8270C
	Isophorone	0.00	5.0	ug/ml		EPA 8270C
	2-Nitrophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dimethylphenol	0.00	5.0	ug/ml		EPA 8270C
	bis(2-Chloroethoxy)methane	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	1,2,4-Trichlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Naphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobutadiene	0.00	5.0	ug/ml		EPA 8270C

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D1101
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB3	4-Chloro-3-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2-Methylnaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorocyclopentadiene	0.00	10	ug/ml		EPA 8270C
	2,4,6-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,5-Trichlorophenol	0.00	5.0	ug/ml		EPA 8270C
	2-Fluorobiphenyl	48.2		ug/ml	*	EPA 8270C
	2-Chloronaphthalene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthylene	0.00	5.0	ug/ml		EPA 8270C
	Dimethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	2,6-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	Acenaphthene	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrophenol	0.00	10	ug/ml		EPA 8270C
	Dibenzofuran	0.00	5.0	ug/ml		EPA 8270C
	2,4-Dinitrotoluene	0.00	5.0	ug/ml		EPA 8270C
	4-Nitrophenol	0.00	10	ug/ml		EPA 8270C
	Fluorene	0.00	5.0	ug/ml		EPA 8270C
	4-Chlorophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Diethylphthalate	0.00	5.0	ug/ml		EPA 8270C
	4,6-Dinitro-2-methylphenol	0.00	5.0	ug/ml		EPA 8270C
	2,4,6-Tribromophenol	63.0		ug/ml	*	EPA 8270C

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EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: MSD5
Project: Greys Landfill
Sequence: M1D1101
Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB3	4-Bromophenyl-phenylether	0.00	5.0	ug/ml		EPA 8270C
	Hexachlorobenzene	0.00	5.0	ug/ml		EPA 8270C
	Pentachlorophenol	0.00	10	ug/ml		EPA 8270C
	Phenanthrene	0.00	5.0	ug/ml		EPA 8270C
	Anthracene	0.00	5.0	ug/ml		EPA 8270C
	Di-n-butylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Pyrene	0.00	5.0	ug/ml		EPA 8270C
	Terphenyl-d14	53.9		ug/ml	*	EPA 8270C
	Butylbenzylphthalate	0.00	5.0	ug/ml		EPA 8270C
	3,3´-Dichlorobenzidine	0.00	5.0	ug/ml		EPA 8270C
	Benz(a)anthracene	0.00	5.0	ug/ml		EPA 8270C
	Chrysene	0.00	5.0	ug/ml		EPA 8270C
	Bis(2-Ethylhexyl)phthalate	0.00	5.0	ug/ml		EPA 8270C
	Di-n-octylphthalate	0.00	5.0	ug/ml		EPA 8270C
	Benzo[b]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[k]fluoranthene	0.00	5.0	ug/ml		EPA 8270C
	Benzo[a]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Indeno[1,2,3-cd]pyrene	0.00	5.0	ug/ml		EPA 8270C
	Dibenz[a,h]anthracene	0.00	5.0	ug/ml		EPA 8270C

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 8270C

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: MSD5 Project: Greys Landfill
Sequence: M1D1101 Calibration: MC10021

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1101-ICB3	Benzo[g,h,i]perylene	0.00	5.0	ug/ml		EPA 8270C

BLANKS
EPA 245.1/7470A

Laboratory: Microbac Laboratories, Inc., Baltimore Division SDG:
Client: RG Steel, LLC
Instrument ID: Hg Project: Greys Landfill
Sequence: M1D1201 Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1201-ICB1	Mercury	0.125	0.20	ug/L		EPA 245.1/7470A
M1D1201-CCB1	Mercury	0.0805	0.20	ug/L		EPA 245.1/7470A
M1D1201-CCB2	Mercury	0.0283	0.20	ug/L		EPA 245.1/7470A
M1D1201-CCB3	Mercury	0.0483	0.20	ug/L		EPA 245.1/7470A
1115238-BLK1	Mercury	0.0000221	0.00020	mg/L		EPA 245.1/7470A
M1D1201-CCB4	Mercury	0.0242	0.20	ug/L		EPA 245.1/7470A
M1D1201-CCB5	Mercury	0.0189	0.20	ug/L		EPA 245.1/7470A

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D1303
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1303-ICB1	Beryllium (dissolved)	0.00500	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.0940	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	2.48	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.00500	1.0	ug/L		EPA 200.8/6020
	Selenium	0.198	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.198	5.0	ug/L		EPA 200.8/6020
	Thallium	-0.0940	1.0	ug/L		EPA 200.8/6020
	Vanadium	2.48	5.0	ug/L		EPA 200.8/6020
M1D1303-CCB1	Beryllium (dissolved)	0.0100	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.0540	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	1.81	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.0100	1.0	ug/L		EPA 200.8/6020
	Selenium	0.479	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.479	5.0	ug/L		EPA 200.8/6020
	Thallium	-0.0540	1.0	ug/L		EPA 200.8/6020
	Vanadium	1.81	5.0	ug/L		EPA 200.8/6020
M1D1303-CCB8	Beryllium (dissolved)	0.00300	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.111	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	0.603	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.00300	1.0	ug/L		EPA 200.8/6020

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BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D1303
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1303-CCB8	Selenium	0.257	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.257	5.0	ug/L		EPA 200.8/6020
	Thallium	-0.111	1.0	ug/L		EPA 200.8/6020
	Vanadium	0.603	5.0	ug/L		EPA 200.8/6020
1115077-BLK3	Beryllium (dissolved)	0.0000260	0.0020	mg/L		EPA 200.8/6020
	Thallium (dissolved)	-0.000119	0.0020	mg/L		EPA 200.8/6020
	Vanadium (dissolved)	0.00170	0.010	mg/L		EPA 200.8/6020
	Beryllium	0.0000260	0.0010	mg/L		EPA 200.8/6020
	Selenium	0.000179	0.0050	mg/L		EPA 200.8/6020
	Selenium (dissolved)	0.000179	0.035	mg/L		EPA 200.8/6020
	Thallium	-0.000119	0.0010	mg/L		EPA 200.8/6020
	Vanadium	0.00170	0.0050	mg/L		EPA 200.8/6020
M1D1303-CCB9	Beryllium (dissolved)	0.0240	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.106	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	-2.65	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.0240	1.0	ug/L		EPA 200.8/6020
	Selenium	0.462	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.462	5.0	ug/L		EPA 200.8/6020
	Thallium	-0.106	1.0	ug/L		EPA 200.8/6020
	Vanadium	-2.65	5.0	ug/L		EPA 200.8/6020

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BLANKS
EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: PE ELAN 9000
Project: Greys Landfill
Sequence: M1D1303
Calibration: MD10011

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D1303-CCBA	Beryllium (dissolved)	0.0220	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.135	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	2.41	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.0220	1.0	ug/L		EPA 200.8/6020
	Selenium	0.438	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	0.438	5.0	ug/L		EPA 200.8/6020
	Thallium	-0.135	1.0	ug/L		EPA 200.8/6020
	Vanadium	2.41	5.0	ug/L		EPA 200.8/6020
M1D1303-CCBB	Beryllium (dissolved)	0.0340	1.0	ug/L		EPA 200.8/6020
	Thallium (dissolved)	-0.142	1.0	ug/L		EPA 200.8/6020
	Vanadium (dissolved)	1.28	5.0	ug/L		EPA 200.8/6020
	Beryllium	0.0340	1.0	ug/L		EPA 200.8/6020
	Selenium	-0.0160	5.0	ug/L		EPA 200.8/6020
	Selenium (dissolved)	-0.0160	5.0	ug/L		EPA 200.8/6020
	Thallium	-0.142	1.0	ug/L		EPA 200.8/6020
	Vanadium	1.28	5.0	ug/L		EPA 200.8/6020

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MC10018
Sequence: M1C2303

Lab Sample ID	Analyte	True	Found	%R	Units
M1C2303-IFA1	Antimony		13.75		ug/L
	Barium		0.18		ug/L
	Beryllium		0.17		ug/L
	Chromium		-0.69		ug/L
	Cobalt		0.37		ug/L
	Manganese		2.82		ug/L
	Nickel		1.45		ug/L
	Selenium		1.26		ug/L
	Silver		0.01		ug/L
	Thallium		0.48		ug/L
	Vanadium		1.43		ug/L
	Zinc		-2.00		ug/L
	Arsenic		0.73		ug/L
	Cadmium		0.53		ug/L
	Copper		0.84		ug/L
	Lead		0.06		ug/L
M1C2303-IFB1	Antimony		2.19		ug/L

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MC10018
Sequence: M1C2303

Lab Sample ID	Analyte	True	Found	%R	Units
M1C2303-IFB1	Barium		0.27		ug/L
	Beryllium		0.11		ug/L
	Chromium	200.0	204.52	102	ug/L
	Cobalt	200.0	199.06	99.5	ug/L
	Manganese	200.0	203.47	102	ug/L
	Nickel	200.0	196.69	98.3	ug/L
	Selenium	100.0	103.98	104	ug/L
	Silver	50.00	54.56	109	ug/L
	Thallium		0.02		ug/L
	Vanadium	200.0	199.96	100	ug/L
	Zinc	100.0	87.64	87.6	ug/L
	Arsenic	100.0	101.63	102	ug/L
	Cadmium	100.0	98.74	98.7	ug/L
	Copper	200.0	184.54	92.3	ug/L
	Lead		-0.07		ug/L

* Values outside of QC limits

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MC10018
Sequence: M1C2307

Lab Sample ID	Analyte	True	Found	%R	Units
M1C2307-IFA1	Zinc		0.58		ug/L
M1C2307-IFB1	Zinc	100.0	102.11	102	ug/L

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INTERFERENCE CHECK SAMPLE

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Sequence: M1C2405

Lab Sample ID	Analyte	True	Found	%R	Units
M1C2405-IFA1	Calcium (dissolved)	95.00	96.13	101	mg/L
	Iron (dissolved)	99.50	91.77	92.2	mg/L
	Magnesium (dissolved)	95.00	94.47	99.4	mg/L
	Calcium	95.00	96.13	101	mg/L
	Iron	99.50	91.77	92.2	mg/L
	Magnesium	95.00	94.47	99.4	mg/L
	Potassium		-0.05		mg/L
	Sodium	95.00	0.00	*	mg/L
M1C2405-IFB1	Calcium (dissolved)	100.0	101.09	101	mg/L
	Iron (dissolved)	100.0	91.87	91.9	mg/L
	Magnesium (dissolved)	100.0	98.83	98.8	mg/L
	Calcium	100.0	101.09	101	mg/L
	Iron	100.0	91.87	91.9	mg/L
	Magnesium	100.0	98.83	98.8	mg/L
	Potassium	5.000	5.42	108	mg/L
	Sodium	100.0	0.00	*	mg/L

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MC10025
Sequence: M1C2903

Lab Sample ID	Analyte	True	Found	%R	Units
M1C2903-IFA1	Antimony		19.52		ug/L
	Arsenic		0.85		ug/L
	Barium		0.16		ug/L
	Beryllium		0.10		ug/L
	Cadmium		0.45		ug/L
	Chromium		-0.03		ug/L
	Cobalt		0.50		ug/L
	Copper		0.58		ug/L
	Lead		0.04		ug/L
	Manganese		1.83		ug/L
	Nickel		1.58		ug/L
	Selenium		2.08		ug/L
	Silver		3.43		ug/L
	Thallium		0.12		ug/L
	Vanadium		0.81		ug/L
	Zinc		-1.24		ug/L
M1C2903-IFB1	Antimony		6.06		ug/L

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MC10025
Sequence: M1C2903

Lab Sample ID	Analyte	True	Found	%R	Units
M1C2903-IFB1	Arsenic	100.0	96.44	96.4	ug/L
	Barium		0.15		ug/L
	Beryllium		0.13		ug/L
	Cadmium	100.0	99.11	99.1	ug/L
	Chromium	200.0	202.25	101	ug/L
	Cobalt	200.0	189.11	94.6	ug/L
	Copper	200.0	182.56	91.3	ug/L
	Lead		-0.02		ug/L
	Manganese	200.0	201.51	101	ug/L
	Nickel	200.0	191.10	95.6	ug/L
	Selenium	100.0	97.41	97.4	ug/L
	Silver	50.00	54.25	108	ug/L
	Thallium		0.01		ug/L
	Vanadium	200.0	203.53	102	ug/L
	Zinc	100.0	93.68	93.7	ug/L

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INTERFERENCE CHECK SAMPLE

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Sequence: M1C3007

Lab Sample ID	Analyte	True	Found	%R	Units
M1C3007-IFA1	Calcium	95.00	95.61	101	mg/L
	Iron	99.50	90.29	90.7	mg/L
	Magnesium	95.00	94.20	99.2	mg/L
	Potassium		-0.05		mg/L
	Sodium	95.00	92.07	96.9	mg/L
M1C3007-IFB1	Calcium	100.0	102.67	103	mg/L
	Iron	100.0	91.68	91.7	mg/L
	Magnesium	100.0	100.66	101	mg/L
	Potassium	5.000	5.35	107	mg/L
	Sodium	100.0	98.94	98.9	mg/L

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MC10003
Sequence: M1C3102

Lab Sample ID	Analyte	True	Found	%R	Units
M1C3102-IFA1	Vanadium		0.34		ug/L
M1C3102-IFB1	Vanadium	200.0	206.03	103	ug/L

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0103-IFA1	Antimony (dissolved)		18.28		ug/L
	Barium (dissolved)		-0.02		ug/L
	Beryllium (dissolved)		-0.02		ug/L
	Thallium (dissolved)		0.24		ug/L
	Vanadium (dissolved)		-1.63		ug/L
	Antimony		18.28		ug/L
	Arsenic		0.95		ug/L
	Arsenic (dissolved)		0.95		ug/L
	Barium		-0.02		ug/L
	Beryllium		-0.02		ug/L
	Cadmium		0.42		ug/L
	Cadmium (dissolved)		0.59		ug/L
	Chromium		-0.97		ug/L
	Chromium (dissolved)		-0.97		ug/L
	Cobalt		0.13		ug/L
	Copper		0.57		ug/L
	Copper (dissolved)		0.86		ug/L

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0103-IFA1	Lead		-0.27		ug/L
	Lead (dissolved)		-0.27		ug/L
	Manganese		0.92		ug/L
	Manganese (dissolved)		0.92		ug/L
	Nickel		1.40		ug/L
	Nickel (dissolved)		1.40		ug/L
	Selenium		1.84		ug/L
	Selenium (dissolved)		1.84		ug/L
	Silver		0.06		ug/L
	Silver (dissolved)		0.06		ug/L
	Thallium		0.24		ug/L
	Vanadium		-1.63		ug/L
	Zinc		-0.45		ug/L
	Zinc (dissolved)		-0.45		ug/L
M1D0103-IFB1	Antimony (dissolved)		4.36		ug/L
	Barium (dissolved)		-0.05		ug/L
	Beryllium (dissolved)		-0.06		ug/L

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Baltimore Division
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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0103-IFB1	Thallium (dissolved)		-0.15		ug/L
	Vanadium (dissolved)	200.0	224.58	112	ug/L
	Antimony		4.36		ug/L
	Arsenic	100.0	108.54	109	ug/L
	Arsenic (dissolved)	100.0	108.54	109	ug/L
	Barium		-0.05		ug/L
	Beryllium		-0.06		ug/L
	Cadmium	100.0	118.67	119	ug/L
	Cadmium (dissolved)	100.0	120.16	120	ug/L
	Chromium	200.0	222.53	111	ug/L
	Chromium (dissolved)	200.0	222.53	111	ug/L
	Cobalt	200.0	220.59	110	ug/L
	Copper	200.0	213.59	107	ug/L
	Copper (dissolved)	200.0	214.97	107	ug/L
	Lead		-0.32		ug/L
	Lead (dissolved)		-0.32		ug/L
	Manganese	200.0	230.25	115	ug/L

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10002
Sequence: M1D0103

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0103-IFB1	Manganese (dissolved)	200.0	230.25	115	ug/L
	Nickel	200.0	209.51	105	ug/L
	Nickel (dissolved)	200.0	209.51	105	ug/L
	Selenium	100.0	100.63	101	ug/L
	Selenium (dissolved)	100.0	100.63	101	ug/L
	Silver	50.00	58.99	118	ug/L
	Silver (dissolved)	50.00	58.99	118	ug/L
	Thallium		-0.15		ug/L
	Vanadium	200.0	224.58	112	ug/L
	Zinc	100.0	102.35	102	ug/L
	Zinc (dissolved)	100.0	102.35	102	ug/L

* Values outside of QC limits

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10002
Sequence: M1D0105

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0105-IFA1	Manganese		0.92		ug/L
	Manganese (dissolved)		0.92		ug/L
M1D0105-IFB1	Manganese	200.0	223.39	112	ug/L
	Manganese (dissolved)	200.0	223.39	112	ug/L

* Values outside of QC limits

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10002
Sequence: M1D0106

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0106-IFA1	Beryllium (dissolved)		0.13		ug/L
	Cobalt		0.71		ug/L
	Copper		0.97		ug/L
	Copper (dissolved)		1.05		ug/L
	Manganese		0.92		ug/L
	Manganese (dissolved)		0.92		ug/L
	Nickel		2.10		ug/L
	Nickel (dissolved)		2.10		ug/L
M1D0106-IFB1	Beryllium (dissolved)		0.11		ug/L
	Cobalt	200.0	235.03	118	ug/L
	Copper	200.0	213.13	107	ug/L
	Copper (dissolved)	200.0	231.85	116	ug/L
	Manganese	200.0	223.39	112	ug/L
	Manganese (dissolved)	200.0	223.39	112	ug/L
	Nickel	200.0	223.10	112	ug/L
	Nickel (dissolved)	200.0	223.10	112	ug/L

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INTERFERENCE CHECK SAMPLE

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Sequence: M1D0402

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0402-IFA1	Calcium (dissolved)	95.00	94.55	99.5	mg/L
	Iron (dissolved)	99.50	94.79	95.3	mg/L
	Magnesium (dissolved)	95.00	92.48	97.3	mg/L
	Potassium (dissolved)		-0.09		mg/L
	Sodium (dissolved)	95.00	94.83	99.8	mg/L
	Calcium	95.00	94.55	99.5	mg/L
	Iron	99.50	94.79	95.3	mg/L
	Magnesium	95.00	92.48	97.3	mg/L
	Potassium		-0.09		mg/L
	Sodium	95.00	94.83	99.8	mg/L
M1D0402-IFB1	Calcium (dissolved)	100.0	95.68	95.7	mg/L
	Iron (dissolved)	100.0	95.89	95.9	mg/L
	Magnesium (dissolved)	100.0	97.68	97.7	mg/L
	Potassium (dissolved)	5.000	5.25	105	mg/L
	Sodium (dissolved)	100.0	100.08	100	mg/L
	Calcium	100.0	95.68	95.7	mg/L
	Iron	100.0	95.89	95.9	mg/L

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Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Sequence: M1D0402

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0402-IFB1	Magnesium	100.0	97.68	97.7	mg/L
	Potassium	5.000	5.25	105	mg/L
	Sodium	100.0	100.08	100	mg/L

* Values outside of QC limits

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0803-IFA1	Antimony (dissolved)		9.38		ug/L
	Barium (dissolved)		0.08		ug/L
	Beryllium (dissolved)		-0.03		ug/L
	Thallium (dissolved)		1.76		ug/L
	Vanadium (dissolved)		5.00		ug/L
	Antimony		9.38		ug/L
	Arsenic		1.77		ug/L
	Arsenic (dissolved)		1.77		ug/L
	Barium		0.08		ug/L
	Beryllium		-0.03		ug/L
	Cadmium		0.46		ug/L
	Cadmium (dissolved)		0.51		ug/L
	Chromium		-1.73		ug/L
	Chromium (dissolved)		-1.73		ug/L
	Cobalt		0.58		ug/L
	Copper		0.61		ug/L
	Copper (dissolved)		0.57		ug/L

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0803-IFA1	Lead		0.12		ug/L
	Lead (dissolved)		0.12		ug/L
	Manganese		0.56		ug/L
	Manganese (dissolved)		0.56		ug/L
	Nickel		1.02		ug/L
	Nickel (dissolved)		1.02		ug/L
	Selenium		1.80		ug/L
	Selenium (dissolved)		1.80		ug/L
	Silver		0.16		ug/L
	Silver (dissolved)		0.16		ug/L
	Thallium		1.76		ug/L
	Vanadium		5.00		ug/L
	Zinc		0.33		ug/L
	Zinc (dissolved)		0.33		ug/L
M1D0803-IFB1	Antimony (dissolved)		2.09		ug/L
	Barium (dissolved)		0.05		ug/L
	Beryllium (dissolved)		-0.06		ug/L

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

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SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0803-IFB1	Thallium (dissolved)		0.33		ug/L
	Vanadium (dissolved)	200.0	189.22	94.6	ug/L
	Antimony		2.09		ug/L
	Arsenic	100.0	104.97	105	ug/L
	Arsenic (dissolved)	100.0	104.97	105	ug/L
	Barium		0.05		ug/L
	Beryllium		-0.06		ug/L
	Cadmium	100.0	107.08	107	ug/L
	Cadmium (dissolved)	100.0	108.09	108	ug/L
	Chromium	200.0	183.66	91.8	ug/L
	Chromium (dissolved)	200.0	183.66	91.8	ug/L
	Cobalt	200.0	179.53	89.8	ug/L
	Copper	200.0	196.04	98.0	ug/L
	Copper (dissolved)	200.0	198.05	99.0	ug/L
	Lead		-0.07		ug/L
	Lead (dissolved)		-0.07		ug/L
	Manganese	200.0	199.61	99.8	ug/L

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10011
Sequence: M1D0803

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0803-IFB1	Manganese (dissolved)	200.0	199.61	99.8	ug/L
	Nickel	200.0	182.19	91.1	ug/L
	Nickel (dissolved)	200.0	182.19	91.1	ug/L
	Selenium	100.0	95.36	95.4	ug/L
	Selenium (dissolved)	100.0	95.36	95.4	ug/L
	Silver	50.00	50.91	102	ug/L
	Silver (dissolved)	50.00	50.91	102	ug/L
	Thallium		0.33		ug/L
	Vanadium	200.0	189.22	94.6	ug/L
	Zinc	100.0	95.40	95.4	ug/L
	Zinc (dissolved)	100.0	95.40	95.4	ug/L

* Values outside of QC limits

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EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10011
Sequence: M1D0808

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0808-IFA1	Manganese		0.50		ug/L
	Manganese (dissolved)		0.50		ug/L
M1D0808-IFB1	Manganese	200.0	215.59	108	ug/L
	Manganese (dissolved)	200.0	215.59	108	ug/L

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INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10011
Sequence: M1D0810

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0810-IFA1	Beryllium (dissolved)		-0.07		ug/L
	Thallium (dissolved)		2.07		ug/L
	Vanadium (dissolved)		4.21		ug/L
	Beryllium		-0.07		ug/L
	Selenium		1.49		ug/L
	Selenium (dissolved)		1.49		ug/L
	Thallium		2.07		ug/L
	Vanadium		4.21		ug/L
M1D0810-IFB1	Beryllium (dissolved)		-0.09		ug/L
	Thallium (dissolved)		0.64		ug/L
	Vanadium (dissolved)	200.0	189.88	94.9	ug/L
	Beryllium		-0.09		ug/L
	Selenium	100.0	93.49	93.5	ug/L
	Selenium (dissolved)	100.0	93.49	93.5	ug/L
	Thallium		0.64		ug/L
	Vanadium	200.0	189.88	94.9	ug/L

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INTERFERENCE CHECK SAMPLE

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Sequence: M1D0815

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0815-IFA1	Calcium (dissolved)	95.00	95.16	100	mg/L
	Iron (dissolved)	99.50	95.61	96.1	mg/L
	Magnesium (dissolved)	95.00	94.03	99.0	mg/L
	Potassium (dissolved)		-0.08		mg/L
	Sodium (dissolved)	95.00	96.21	101	mg/L
	Calcium	95.00	95.16	100	mg/L
	Iron	99.50	95.61	96.1	mg/L
	Magnesium	95.00	94.03	99.0	mg/L
	Potassium		-0.08		mg/L
	Sodium	95.00	96.21	101	mg/L
M1D0815-IFB1	Calcium (dissolved)	100.0	101.22	101	mg/L
	Iron (dissolved)	100.0	97.05	97.1	mg/L
	Magnesium (dissolved)	100.0	100.01	100	mg/L
	Potassium (dissolved)	5.000	5.33	107	mg/L
	Sodium (dissolved)	100.0	103.04	103	mg/L
	Calcium	100.0	101.22	101	mg/L
	Iron	100.0	97.05	97.1	mg/L

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INTERFERENCE CHECK SAMPLE

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Sequence: M1D0815

Lab Sample ID	Analyte	True	Found	%R	Units
M1D0815-IFB1	Magnesium	100.0	100.01	100	mg/L
	Potassium	5.000	5.33	107	mg/L
	Sodium	100.0	103.04	103	mg/L

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Microbac Laboratories, Inc.
Baltimore Division
2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INTERFERENCE CHECK SAMPLE

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Instrument ID: PE ELAN 9000
Calibration: MD10011
Sequence: M1D1303

Lab Sample ID	Analyte	True	Found	%R	Units
M1D1303-IFA1	Beryllium (dissolved)		0.04		ug/L
	Thallium (dissolved)		1.67		ug/L
	Vanadium (dissolved)		5.35		ug/L
	Beryllium		0.04		ug/L
	Selenium		1.68		ug/L
	Selenium (dissolved)		1.68		ug/L
	Thallium		1.67		ug/L
	Vanadium		5.35		ug/L
M1D1303-IFB1	Beryllium (dissolved)		0.04		ug/L
	Thallium (dissolved)		0.32		ug/L
	Vanadium (dissolved)	200.0	222.53	111	ug/L
	Beryllium		0.04		ug/L
	Selenium	100.0	115.77	116	ug/L
	Selenium (dissolved)	100.0	115.77	116	ug/L
	Thallium		0.32		ug/L
	Vanadium	200.0	222.53	111	ug/L

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2203-LCV1
Sequence: M1C2203
Standard ID: MC11121

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Arsenic	1.000	0.857	-14.3	20.00
Cadmium	1.000	0.995	-0.5	20.00
Copper	1.000	0.854	-14.6	20.00
Lead	1.000	0.937	-6.3	20.00

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2203-LCV2
Sequence: M1C2203
Standard ID: MC11122

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Arsenic	5.000	5.36	7.1	20.00
Cadmium	5.000	5.06	1.3	20.00
Copper	5.000	4.69	-6.2	20.00
Lead	5.000	4.94	-1.2	20.00

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2303-LCV1
Sequence: M1C2303
Standard ID: MC11121

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony	1.000	1.76	76.5 *	20.00
Barium	1.000	1.07	7.3	20.00
Beryllium	1.000	1.08	8.5	20.00
Chromium	1.000	0.755	-24.5 *	20.00
Cobalt	1.000	0.941	-5.9	20.00
Manganese	1.000	1.03	2.6	20.00
Nickel	1.000	0.906	-9.4	20.00
Selenium	1.000	1.26	25.9 *	20.00
Silver	1.000	0.987	-1.3	20.00
Thallium	1.000	0.945	-5.5	20.00
Vanadium	1.000	2.22	122 *	20.00
Zinc	1.000	0.457	-54.3 *	20.00
Arsenic	1.000	1.28	28.5 *	20.00
Cadmium	1.000	1.07	7.4	20.00
Copper	1.000	0.903	-9.7	20.00
Lead	1.000	1.06	5.9	20.00

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LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2303-LCV1
Sequence: M1C2303
Standard ID: MC11121

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2303-LCV2
Sequence: M1C2303
Standard ID: MC11122

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony	5.000	5.85	17.1	20.00
Barium	5.000	4.74	-5.1	20.00
Beryllium	5.000	4.89	-2.1	20.00
Chromium	5.000	4.63	-7.3	20.00
Cobalt	5.000	5.01	0.1	20.00
Manganese	5.000	4.94	-1.2	20.00
Nickel	5.000	5.11	2.1	20.00
Selenium	5.000	5.86	17.3	20.00
Silver	5.000	4.87	-2.7	20.00
Thallium	5.000	4.88	-2.4	20.00
Vanadium	5.000	4.74	-5.2	20.00
Zinc	5.000	2.97	-40.6 *	20.00
Arsenic	5.000	4.92	-1.7	20.00
Cadmium	5.000	5.05	0.9	20.00
Copper	5.000	4.85	-3.0	20.00
Lead	5.000	4.96	-0.8	20.00

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2303-LCV2
Sequence: M1C2303
Standard ID: MC11122

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2307-LCV1
Sequence: M1C2307
Standard ID: MC11121

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Zinc	1.000	1.19	18.8	20.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2307-LCV2
Sequence: M1C2307
Standard ID: MC11122

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Zinc	5.000	4.72	-5.5	20.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: UNASSIGNED
Laboratory ID: M1C2405-LCV1
Sequence: M1C2405
Standard ID: MC11105

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Calcium (dissolved)	0.2000	0.236	18.0	25.00
Iron (dissolved)	0.02000	0.0214	6.8	25.00
Magnesium (dissolved)	0.2000	0.195	-2.4	25.00
Calcium	0.2000	0.236	18.0	25.00
Iron	0.02000	0.0214	6.8	25.00
Magnesium	0.2000	0.195	-2.4	25.00
Potassium	0.2000	0.205	2.6	25.00
Sodium	0.2000	-0.0132	-107 *	25.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10025
Laboratory ID: M1C2903-LCV1
Sequence: M1C2903
Standard ID: MC12820

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony	1.000	2.45	145 *	20.00
Arsenic	1.000	1.02	2.1	20.00
Barium	1.000	1.00	0.1	20.00
Beryllium	1.000	1.16	16.3	20.00
Cadmium	1.000	0.986	-1.4	20.00
Chromium	1.000	0.818	-18.2	20.00
Cobalt	1.000	1.04	4.0	20.00
Copper	1.000	0.611	-38.9 *	20.00
Lead	1.000	0.916	-8.4	20.00
Manganese	1.000	0.873	-12.7	20.00
Nickel	1.000	0.897	-10.3	20.00
Selenium	1.000	1.30	30.1 *	20.00
Silver	1.000	0.933	-6.7	20.00
Thallium	1.000	0.965	-3.5	20.00
Vanadium	1.000	1.53	53.0 *	20.00
Zinc	1.000	-0.757	-176 *	20.00

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10025
Laboratory ID: M1C2903-LCV1
Sequence: M1C2903
Standard ID: MC12820

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10025
Laboratory ID: M1C2903-LCV2
Sequence: M1C2903
Standard ID: MC12818

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony	5.000	4.84	-3.3	20.00
Arsenic	5.000	4.77	-4.6	20.00
Barium	5.000	5.14	2.7	20.00
Beryllium	5.000	4.95	-1.1	20.00
Cadmium	5.000	4.75	-5.0	20.00
Chromium	5.000	4.74	-5.2	20.00
Cobalt	5.000	5.18	3.6	20.00
Copper	5.000	4.76	-4.7	20.00
Lead	5.000	4.91	-1.8	20.00
Manganese	5.000	4.83	-3.3	20.00
Nickel	5.000	4.45	-11.0	20.00
Selenium	5.000	5.05	1.1	20.00
Silver	5.000	4.83	-3.4	20.00
Thallium	5.000	5.08	1.5	20.00
Vanadium	5.000	5.37	7.4	20.00
Zinc	5.000	3.60	-28.0 *	20.00

Microbac Laboratories, Inc., Baltimore Division

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10025
Laboratory ID: M1C2903-LCV2
Sequence: M1C2903
Standard ID: MC12818

* Values outside of QC limits

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LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: UNASSIGNED
Laboratory ID: M1C3007-LCV1
Sequence: M1C3007
Standard ID: MC11105

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Calcium	0.2000	0.233	16.7	25.00
Iron	0.02000	0.0199	-0.7	25.00
Magnesium	0.2000	0.198	-1.2	25.00
Potassium	0.2000	0.200	-0.2	25.00
Sodium	0.2000	0.966	383 *	25.00

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10003
Laboratory ID: M1C3102-LCV1
Sequence: M1C3102
Standard ID: MC12820

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Vanadium	1.000	1.76	76.5 *	20.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10003
Laboratory ID: M1C3102-LCV2
Sequence: M1C3102
Standard ID: MC12818

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Vanadium	5.000	4.67	-6.5	20.00

* Values outside of QC limits

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0103-LCV1
Sequence: M1D0103
Standard ID: MC12820

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony (dissolved)	1.000	1.55	54.8 *	20.00
Barium (dissolved)	1.000	0.867	-13.3	20.00
Beryllium (dissolved)	1.000	0.961	-3.9	20.00
Thallium (dissolved)	1.000	0.810	-19.0	20.00
Vanadium (dissolved)	1.000	1.21	21.1 *	20.00
Antimony	1.000	1.55	54.8 *	20.00
Arsenic	1.000	0.896	-10.4	20.00
Arsenic (dissolved)	1.000	0.896	-10.4	20.00
Barium	1.000	0.867	-13.3	20.00
Beryllium	1.000	0.961	-3.9	20.00
Cadmium	1.000	0.816	-18.4	20.00
Cadmium (dissolved)	1.000	0.807	-19.3	20.00
Chromium	1.000	1.02	1.9	20.00
Chromium (dissolved)	1.000	1.02	1.9	20.00
Cobalt	1.000	0.656	-34.4 *	20.00
Copper	1.000	0.881	-11.9	20.00

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Baltimore Division
2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0103-LCV1
Sequence: M1D0103
Standard ID: MC12820

Copper (dissolved)	1.000	0.987	-1.3	20.00
Lead	1.000	0.739	-26.1 *	20.00
Lead (dissolved)	1.000	0.739	-26.1 *	20.00
Manganese	1.000	0.841	-15.9	20.00
Manganese (dissolved)	1.000	0.841	-15.9	20.00
Nickel	1.000	0.854	-14.6	20.00
Nickel (dissolved)	1.000	0.854	-14.6	20.00
Selenium	1.000	1.13	12.8	20.00
Selenium (dissolved)	1.000	1.13	12.8	20.00
Silver	1.000	0.770	-23.0 *	20.00
Silver (dissolved)	1.000	0.770	-23.0 *	20.00
Thallium	1.000	0.810	-19.0	20.00
Vanadium	1.000	1.21	21.1 *	20.00
Zinc	1.000	2.27	127 *	20.00
Zinc (dissolved)	1.000	2.27	127 *	20.00

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0103-LCV2
Sequence: M1D0103
Standard ID: MC12818

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony (dissolved)	5.000	5.04	0.8	20.00
Barium (dissolved)	5.000	4.91	-1.8	20.00
Beryllium (dissolved)	5.000	5.14	2.7	20.00
Thallium (dissolved)	5.000	4.81	-3.8	20.00
Vanadium (dissolved)	5.000	2.22	-55.6 *	20.00
Antimony	5.000	5.04	0.8	20.00
Arsenic	5.000	4.91	-1.7	20.00
Arsenic (dissolved)	5.000	4.91	-1.7	20.00
Barium	5.000	4.91	-1.8	20.00
Beryllium	5.000	5.14	2.7	20.00
Cadmium	5.000	5.06	1.2	20.00
Cadmium (dissolved)	5.000	5.13	2.6	20.00
Chromium	5.000	5.07	1.3	20.00
Chromium (dissolved)	5.000	5.07	1.3	20.00
Cobalt	5.000	4.50	-10.0	20.00
Copper	5.000	4.63	-7.3	20.00

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0103-LCV2
Sequence: M1D0103
Standard ID: MC12818

Copper (dissolved)	5.000	4.89	-2.2	20.00
Lead	5.000	5.10	2.0	20.00
Lead (dissolved)	5.000	5.10	2.0	20.00
Manganese	5.000	5.30	5.9	20.00
Manganese (dissolved)	5.000	5.30	5.9	20.00
Nickel	5.000	4.74	-5.1	20.00
Nickel (dissolved)	5.000	4.74	-5.1	20.00
Selenium	5.000	4.96	-0.9	20.00
Selenium (dissolved)	5.000	4.96	-0.9	20.00
Silver	5.000	5.08	1.6	20.00
Silver (dissolved)	5.000	5.08	1.6	20.00
Thallium	5.000	4.81	-3.8	20.00
Vanadium	5.000	2.22	-55.6 *	20.00
Zinc	5.000	3.90	-22.0 *	20.00
Zinc (dissolved)	5.000	3.90	-22.0 *	20.00

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0105-LCV1
Sequence: M1D0105
Standard ID: MC12820

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Manganese	1.000	1.10	10.4	20.00
Manganese (dissolved)	1.000	1.10	10.4	20.00

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0105-LCV2
Sequence: M1D0105
Standard ID: MC12818

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Manganese	5.000	5.13	2.6	20.00
Manganese (dissolved)	5.000	5.13	2.6	20.00

* Values outside of QC limits

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LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0106-LCV1
Sequence: M1D0106
Standard ID: MC12820

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Beryllium (dissolved)	1.000	1.05	4.6	20.00
Cobalt	1.000	1.20	20.2 *	20.00
Copper	1.000	1.07	6.8	20.00
Copper (dissolved)	1.000	0.944	-5.6	20.00
Manganese	1.000	1.10	10.4	20.00
Manganese (dissolved)	1.000	1.10	10.4	20.00
Nickel	1.000	1.06	6.0	20.00
Nickel (dissolved)	1.000	1.06	6.0	20.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0106-LCV2
Sequence: M1D0106
Standard ID: MC12818

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Beryllium (dissolved)	5.000	4.97	-0.5	20.00
Cobalt	5.000	5.00	0.1	20.00
Copper	5.000	4.94	-1.1	20.00
Copper (dissolved)	5.000	4.88	-2.4	20.00
Manganese	5.000	5.13	2.6	20.00
Manganese (dissolved)	5.000	5.13	2.6	20.00
Nickel	5.000	5.00	-0.08	20.00
Nickel (dissolved)	5.000	5.00	-0.08	20.00

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: UNASSIGNED
Laboratory ID: M1D0402-LCV1
Sequence: M1D0402
Standard ID: MC11105

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Calcium (dissolved)	0.2000	0.240	20.1	25.00
Iron (dissolved)	0.02000	0.0199	-0.3	25.00
Magnesium (dissolved)	0.2000	0.197	-1.5	25.00
Potassium (dissolved)	0.2000	0.197	-1.7	25.00
Sodium (dissolved)	0.2000	0.624	212 *	25.00
Calcium	0.2000	0.240	20.1	25.00
Iron	0.02000	0.0199	-0.3	25.00
Magnesium	0.2000	0.197	-1.5	25.00
Potassium	0.2000	0.197	-1.7	25.00
Sodium	0.2000	0.624	212 *	25.00

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0803-LCV1
Sequence: M1D0803
Standard ID: MC12820

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony (dissolved)	1.000	1.86	85.5 *	20.00
Barium (dissolved)	1.000	0.977	-2.3	20.00
Beryllium (dissolved)	1.000	0.958	-4.2	20.00
Thallium (dissolved)	1.000	0.832	-16.8	20.00
Vanadium (dissolved)	1.000	0.723	-27.7 *	20.00
Antimony	1.000	1.86	85.5 *	20.00
Arsenic	1.000	1.39	38.8 *	20.00
Arsenic (dissolved)	1.000	1.39	38.8 *	20.00
Barium	1.000	0.977	-2.3	20.00
Beryllium	1.000	0.958	-4.2	20.00
Cadmium	1.000	0.957	-4.3	20.00
Cadmium (dissolved)	1.000	0.860	-14.0	20.00
Chromium	1.000	1.74	73.9 *	20.00
Chromium (dissolved)	1.000	1.74	73.9 *	20.00
Cobalt	1.000	1.06	5.9	20.00
Copper	1.000	0.716	-28.4 *	20.00

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0803-LCV1
Sequence: M1D0803
Standard ID: MC12820

Copper (dissolved)	1.000	0.611	-38.9 *	20.00
Lead	1.000	0.767	-23.3 *	20.00
Lead (dissolved)	1.000	0.767	-23.3 *	20.00
Manganese	1.000	0.797	-20.3 *	20.00
Manganese (dissolved)	1.000	0.797	-20.3 *	20.00
Nickel	1.000	1.10	9.9	20.00
Nickel (dissolved)	1.000	1.10	9.9	20.00
Selenium	1.000	0.876	-12.4	20.00
Selenium (dissolved)	1.000	0.876	-12.4	20.00
Silver	1.000	0.999	-0.1	20.00
Silver (dissolved)	1.000	0.999	-0.1	20.00
Thallium	1.000	0.832	-16.8	20.00
Vanadium	1.000	0.723	-27.7 *	20.00
Zinc	1.000	0.827	-17.3	20.00
Zinc (dissolved)	1.000	0.827	-17.3	20.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0803-LCV2
Sequence: M1D0803
Standard ID: MC12818

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony (dissolved)	5.000	5.88	17.6	20.00
Barium (dissolved)	5.000	4.85	-3.0	20.00
Beryllium (dissolved)	5.000	5.16	3.3	20.00
Thallium (dissolved)	5.000	4.76	-4.8	20.00
Vanadium (dissolved)	5.000	4.20	-16.0	20.00
Antimony	5.000	5.88	17.6	20.00
Arsenic	5.000	4.96	-0.7	20.00
Arsenic (dissolved)	5.000	4.96	-0.7	20.00
Barium	5.000	4.85	-3.0	20.00
Beryllium	5.000	5.16	3.3	20.00
Cadmium	5.000	5.33	6.6	20.00
Cadmium (dissolved)	5.000	5.43	8.6	20.00
Chromium	5.000	5.52	10.4	20.00
Chromium (dissolved)	5.000	5.52	10.4	20.00
Cobalt	5.000	4.88	-2.3	20.00
Copper	5.000	4.90	-2.0	20.00

Microbac Laboratories, Inc., Baltimore Division

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LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0803-LCV2
Sequence: M1D0803
Standard ID: MC12818

Copper (dissolved)	5.000	4.91	-1.9	20.00
Lead	5.000	5.14	2.7	20.00
Lead (dissolved)	5.000	5.14	2.7	20.00
Manganese	5.000	5.10	1.9	20.00
Manganese (dissolved)	5.000	5.10	1.9	20.00
Nickel	5.000	4.95	-1.0	20.00
Nickel (dissolved)	5.000	4.95	-1.0	20.00
Selenium	5.000	4.86	-2.9	20.00
Selenium (dissolved)	5.000	4.86	-2.9	20.00
Silver	5.000	5.12	2.3	20.00
Silver (dissolved)	5.000	5.12	2.3	20.00
Thallium	5.000	4.76	-4.8	20.00
Vanadium	5.000	4.20	-16.0	20.00
Zinc	5.000	4.34	-13.1	20.00
Zinc (dissolved)	5.000	4.34	-13.1	20.00

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0808-LCV1
Sequence: M1D0808
Standard ID: MC12820

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Manganese	1.000	0.734	-26.6 *	20.00
Manganese (dissolved)	1.000	0.734	-26.6 *	20.00

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0808-LCV2
Sequence: M1D0808
Standard ID: MC12818

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Manganese	5.000	5.13	2.6	20.00
Manganese (dissolved)	5.000	5.13	2.6	20.00

* Values outside of QC limits

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0810-LCV1
Sequence: M1D0810
Standard ID: MC12820

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Beryllium (dissolved)	1.000	0.923	-7.7	20.00
Thallium (dissolved)	1.000	0.966	-3.4	20.00
Vanadium (dissolved)	1.000	-0.107	-111 *	20.00
Beryllium	1.000	0.923	-7.7	20.00
Selenium	1.000	0.984	-1.6	20.00
Selenium (dissolved)	1.000	0.984	-1.6	20.00
Thallium	1.000	0.966	-3.4	20.00
Vanadium	1.000	-0.107	-111 *	20.00

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Baltimore Division
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www.microbac.com

CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0810-LCV2
Sequence: M1D0810
Standard ID: MC12818

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Beryllium (dissolved)	5.000	5.26	5.2	20.00
Thallium (dissolved)	5.000	4.81	-3.8	20.00
Vanadium (dissolved)	5.000	3.78	-24.3 *	20.00
Beryllium	5.000	5.26	5.2	20.00
Selenium	5.000	5.07	1.4	20.00
Selenium (dissolved)	5.000	5.07	1.4	20.00
Thallium	5.000	4.81	-3.8	20.00
Vanadium	5.000	3.78	-24.3 *	20.00

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: UNASSIGNED
Laboratory ID: M1D0815-LCV1
Sequence: M1D0815
Standard ID: MC11105

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Calcium (dissolved)	0.2000	0.214	7.1	25.00
Iron (dissolved)	0.02000	0.0199	-0.7	25.00
Magnesium (dissolved)	0.2000	0.200	-0.1	25.00
Potassium (dissolved)	0.2000	0.197	-1.4	25.00
Sodium (dissolved)	0.2000	0.647	223 *	25.00
Calcium	0.2000	0.214	7.1	25.00
Iron	0.02000	0.0199	-0.7	25.00
Magnesium	0.2000	0.200	-0.1	25.00
Potassium	0.2000	0.197	-1.4	25.00
Sodium	0.2000	0.647	223 *	25.00

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D1303-LCV1
Sequence: M1D1303
Standard ID: MC12820

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Beryllium (dissolved)	1.000	1.01	0.6	20.00
Thallium (dissolved)	1.000	0.820	-18.0	20.00
Vanadium (dissolved)	1.000	2.36	136 *	20.00
Beryllium	1.000	1.01	0.6	20.00
Selenium	1.000	1.20	19.6	20.00
Selenium (dissolved)	1.000	1.20	19.6	20.00
Thallium	1.000	0.820	-18.0	20.00
Vanadium	1.000	2.36	136 *	20.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D1303-LCV2
Sequence: M1D1303
Standard ID: MC12818

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Beryllium (dissolved)	5.000	4.89	-2.2	20.00
Thallium (dissolved)	5.000	4.60	-8.0	20.00
Vanadium (dissolved)	5.000	5.82	16.4	20.00
Beryllium	5.000	4.89	-2.2	20.00
Selenium	5.000	4.59	-8.2	20.00
Selenium (dissolved)	5.000	4.59	-8.2	20.00
Thallium	5.000	4.60	-8.0	20.00
Vanadium	5.000	5.82	16.4	20.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2203-HCV1
Sequence: M1C2203
Standard ID: MC11125

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Arsenic	1000	1010	0.7	10.00
Cadmium	1000	1010	1.4	10.00
Copper	1000	948	-5.2	10.00
Lead	1000	1040	3.9	10.00

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2303-HCV1
Sequence: M1C2303
Standard ID: MC11125

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony	1000	1250	24.7 *	10.00
Barium	1000	959	-4.1	10.00
Beryllium	1000	729	-27.1 *	10.00
Chromium	1000	1040	3.7	10.00
Cobalt	1000	963	-3.7	10.00
Manganese	1000	1000	-0.04	10.00
Nickel	1000	1010	1.2	10.00
Selenium	1000	964	-3.6	10.00
Silver	500.0	286	-42.9 *	10.00
Thallium	1000	972	-2.8	10.00
Vanadium	1000	916	-8.4	10.00
Zinc	1000	934	-6.6	10.00
Arsenic	1000	993	-0.7	10.00
Cadmium	1000	954	-4.6	10.00
Copper	1000	934	-6.6	10.00
Lead	1000	991	-0.9	10.00

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Calibration: MC10018
Sequence: M1C2303

SDG:
Project: Greys Landfill
Laboratory ID: M1C2303-HCV1
Standard ID: MC11125

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10018
Laboratory ID: M1C2307-HCV1
Sequence: M1C2307
Standard ID: MC11125

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Zinc	1000	1000	0.4	10.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: UNASSIGNED
Laboratory ID: M1C2405-HCV1
Sequence: M1C2405
Standard ID: MC11108

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Calcium (dissolved)	100.0	106	6.1	10.00
Iron (dissolved)	10.00	9.79	-2.1	10.00
Magnesium (dissolved)	100.0	102	2.0	10.00
Calcium	100.0	106	6.1	10.00
Iron	10.00	9.79	-2.1	10.00
Magnesium	100.0	102	2.0	10.00
Potassium	100.0	97.8	-2.2	10.00
Sodium	100.0	0.00		10.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10025
Laboratory ID: M1C2903-HCV1
Sequence: M1C2903
Standard ID: MC12823

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony	1000	996	-0.4	10.00
Arsenic	1000	1000	0.5	10.00
Barium	1000	1010	1.3	10.00
Beryllium	1000	753	-24.7 *	10.00
Cadmium	1000	949	-5.1	10.00
Chromium	1000	885	-11.5 *	10.00
Cobalt	1000	894	-10.6 *	10.00
Copper	1000	984	-1.6	10.00
Lead	1000	891	-10.9 *	10.00
Manganese	1000	862	-13.8 *	10.00
Nickel	1000	1010	0.6	10.00
Selenium	1000	1020	1.8	10.00
Silver	500.0	465	-7.0	10.00
Thallium	1000	903	-9.7	10.00
Vanadium	1000	813	-18.7 *	10.00
Zinc	1000	1030	2.8	10.00

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
Client: RG Steel, LLC
Calibration: MC10025
Sequence: M1C2903

SDG:
Project: Greys Landfill
Laboratory ID: M1C2903-HCV1
Standard ID: MC12823

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: UNASSIGNED
Laboratory ID: M1C3007-HCV1
Sequence: M1C3007
Standard ID: MC11108

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Calcium	100.0	105	5.4	10.00
Iron	10.00	9.49	-5.1	10.00
Magnesium	100.0	101	1.5	10.00
Potassium	100.0	97.0	-3.0	10.00
Sodium	100.0	100	0.3	10.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MC10003
Laboratory ID: M1C3102-HCV1
Sequence: M1C3102
Standard ID: MC12823

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Vanadium	1000	747	-25.3 *	10.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0103-HCV1
Sequence: M1D0103
Standard ID: MC12823

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony (dissolved)	1000	1230	23.1 *	10.00
Barium (dissolved)	1000	1010	1.4	10.00
Beryllium (dissolved)	1000	867	-13.3 *	10.00
Thallium (dissolved)	1000	1070	6.5	10.00
Vanadium (dissolved)	1000	1060	6.3	10.00
Antimony	1000	1230	23.1 *	10.00
Arsenic	1000	1050	4.7	10.00
Arsenic (dissolved)	1000	1050	4.7	10.00
Barium	1000	1010	1.4	10.00
Beryllium	1000	867	-13.3 *	10.00
Cadmium	1000	1080	8.0	10.00
Cadmium (dissolved)	1000	1110	11.1 *	10.00
Chromium	1000	1110	11.3 *	10.00
Chromium (dissolved)	1000	1110	11.3 *	10.00
Cobalt	1000	1020	1.9	10.00
Copper	1000	1010	0.7	10.00

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HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0103-HCV1
Sequence: M1D0103
Standard ID: MC12823

Copper (dissolved)	1000	1050	5.5	10.00
Lead	1000	1110	10.7 *	10.00
Lead (dissolved)	1000	1110	10.7 *	10.00
Manganese	1000	1120	12.2 *	10.00
Manganese (dissolved)	1000	1120	12.2 *	10.00
Nickel	1000	1050	5.0	10.00
Nickel (dissolved)	1000	1050	5.0	10.00
Selenium	1000	972	-2.8	10.00
Selenium (dissolved)	1000	972	-2.8	10.00
Silver	500.0	356	-28.7 *	10.00
Silver (dissolved)	500.0	356	-28.7 *	10.00
Thallium	1000	1070	6.5	10.00
Vanadium	1000	1060	6.3	10.00
Zinc	1000	967	-3.3	10.00
Zinc (dissolved)	1000	967	-3.3	10.00

* Values outside of QC limits

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HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0105-HCV1
Sequence: M1D0105
Standard ID: MC12823

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Manganese	1000	1010	1.0	10.00
Manganese (dissolved)	1000	1010	1.0	10.00

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10002
Laboratory ID: M1D0106-HCV1
Sequence: M1D0106
Standard ID: MC12823

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Beryllium (dissolved)	1000	810	-19.0 *	10.00
Cobalt	1000	1020	1.5	10.00
Copper	1000	1060	5.6	10.00
Copper (dissolved)	1000	1080	8.1	10.00
Manganese	1000	1010	1.0	10.00
Manganese (dissolved)	1000	1010	1.0	10.00
Nickel	1000	1020	1.5	10.00
Nickel (dissolved)	1000	1020	1.5	10.00

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Baltimore Division
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Phone: 410-633-1800
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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: UNASSIGNED
Laboratory ID: M1D0402-HCV1
Sequence: M1D0402
Standard ID: MC11108

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Calcium (dissolved)	100.0	101	0.5	10.00
Iron (dissolved)	10.00	9.92	-0.8	10.00
Magnesium (dissolved)	100.0	103	2.5	10.00
Potassium (dissolved)	100.0	94.4	-5.6	10.00
Sodium (dissolved)	100.0	102	2.3	10.00
Calcium	100.0	101	0.5	10.00
Iron	10.00	9.92	-0.8	10.00
Magnesium	100.0	103	2.5	10.00
Potassium	100.0	94.4	-5.6	10.00
Sodium	100.0	102	2.3	10.00

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0803-HCV1
Sequence: M1D0803
Standard ID: MC12823

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Antimony (dissolved)	1000	1160	16.0 *	10.00
Barium (dissolved)	1000	866	-13.4 *	10.00
Beryllium (dissolved)	1000	827	-17.3 *	10.00
Thallium (dissolved)	1000	913	-8.7	10.00
Vanadium (dissolved)	1000	897	-10.3 *	10.00
Antimony	1000	1160	16.0 *	10.00
Arsenic	1000	976	-2.4	10.00
Arsenic (dissolved)	1000	976	-2.4	10.00
Barium	1000	866	-13.4 *	10.00
Beryllium	1000	827	-17.3 *	10.00
Cadmium	1000	974	-2.6	10.00
Cadmium (dissolved)	1000	1000	0.3	10.00
Chromium	1000	950	-5.0	10.00
Chromium (dissolved)	1000	950	-5.0	10.00
Cobalt	1000	889	-11.1 *	10.00
Copper	1000	870	-13.0 *	10.00

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0803-HCV1
Sequence: M1D0803
Standard ID: MC12823

Copper (dissolved)	1000	932	-6.8	10.00
Lead	1000	973	-2.7	10.00
Lead (dissolved)	1000	973	-2.7	10.00
Manganese	1000	1010	1.2	10.00
Manganese (dissolved)	1000	1010	1.2	10.00
Nickel	1000	914	-8.6	10.00
Nickel (dissolved)	1000	914	-8.6	10.00
Selenium	1000	912	-8.8	10.00
Selenium (dissolved)	1000	912	-8.8	10.00
Silver	500.0	284	-43.2 *	10.00
Silver (dissolved)	500.0	284	-43.2 *	10.00
Thallium	1000	913	-8.7	10.00
Vanadium	1000	897	-10.3 *	10.00
Zinc	1000	892	-10.8 *	10.00
Zinc (dissolved)	1000	892	-10.8 *	10.00

* Values outside of QC limits

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HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0808-HCV1
Sequence: M1D0808
Standard ID: MC12823

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Manganese	1000	1080	8.5	10.00
Manganese (dissolved)	1000	1080	8.5	10.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D0810-HCV1
Sequence: M1D0810
Standard ID: MC12823

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Beryllium (dissolved)	1000	875	-12.5 *	10.00
Thallium (dissolved)	1000	1020	1.6	10.00
Vanadium (dissolved)	1000	1040	3.7	10.00
Beryllium	1000	875	-12.5 *	10.00
Selenium	1000	1020	1.6	10.00
Selenium (dissolved)	1000	1020	1.6	10.00
Thallium	1000	1020	1.6	10.00
Vanadium	1000	1040	3.7	10.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: UNASSIGNED
Laboratory ID: M1D0815-HCV1
Sequence: M1D0815
Standard ID: MC11108

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Calcium (dissolved)	100.0	103	3.2	10.00
Iron (dissolved)	10.00	10.0	-0.02	10.00
Magnesium (dissolved)	100.0	103	3.2	10.00
Potassium (dissolved)	100.0	97.3	-2.7	10.00
Sodium (dissolved)	100.0	104	3.8	10.00
Calcium	100.0	103	3.2	10.00
Iron	10.00	10.0	-0.02	10.00
Magnesium	100.0	103	3.2	10.00
Potassium	100.0	97.3	-2.7	10.00
Sodium	100.0	104	3.8	10.00

* Values outside of QC limits

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HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8/6020

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Greys Landfill
Calibration: MD10011
Laboratory ID: M1D1303-HCV1
Sequence: M1D1303
Standard ID: MC12823

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Beryllium (dissolved)	1000	824	-17.6 *	10.00
Thallium (dissolved)	1000	1000	0.3	10.00
Vanadium (dissolved)	1000	971	-2.9	10.00
Beryllium	1000	824	-17.6 *	10.00
Selenium	1000	922	-7.8	10.00
Selenium (dissolved)	1000	922	-7.8	10.00
Thallium	1000	1000	0.3	10.00
Vanadium	1000	971	-2.9	10.00

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Sample Preparation and Analysis Summary Table

	Batch	Sequence	Analyzed Date/Time	Matrix
11C1255-01				
8260B	1115044	M1D0506		Water
Alkalinity	1116163		04/14/2011 10:45	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1115064		04/06/2011 7:38	Water
Conductivity_Field	1117186		04/01/2011 8:45	Water
Hard_ICP_Calc	[CALC]		04/07/2011 11:49	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:02	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 11:49	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 9:55	Water
M_K_ICP	1115076	M1D0815	04/07/2011 9:55	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 11:49	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 11:49	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 13:28	Water
NH3_Seal	1115016		04/04/2011 14:29	Water
NO2_Seal	1115006		04/01/2011 16:34	Water
NO3_Calculation_Seal	[CALC]		04/04/2011 10:15	Water
NO3_NO2_Seal	1115024		04/04/2011 10:15	Water
pH_Field	1117186		04/01/2011 8:45	Water

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pH_Temp_Field				Water
SO4_Turb	1116182		04/14/2011 13:41	Water
TDS	1115210		04/08/2011 7:02	Water
Temp_Fld	1117186		04/01/2011 8:45	Water
Turbidity_50	1114263		04/01/2011 14:45	Water
11C1255-01RE1				
8260B	1115099	M1D0602	04/06/2011 11:00	Water
M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 19:19	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-01RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 18:35	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 18:35	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 18:35	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 18:35	Water
11C1255-02				
8260B	1115044	M1D0506	04/05/2011 15:07	Water
Alkalinity	1116163		04/14/2011 10:45	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1115064		04/06/2011 7:40	Water
Conductivity_Field	1117186		04/01/2011 10:25	Water
Hard_ICP_Calc	[CALC]		04/07/2011 9:59	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:05	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 9:59	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 9:59	Water
M_K_ICP	1115076	M1D0815	04/08/2011 17:34	Water

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M_Mg_ICP	1115076	M1D0815	04/07/2011 9:59	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/08/2011 17:34	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 13:33	Water
NH3_Seal	1115016		04/04/2011 14:29	Water
NO2_Seal	1115006		04/01/2011 16:34	Water
NO3_Calculation_Seal	[CALC]		04/04/2011 10:15	Water
NO3_NO2_Seal	1115024		04/04/2011 10:15	Water
pH_Field	1117186		04/01/2011 10:25	Water
pH_Temp_Field				Water
SO4_Turb	1116182		04/14/2011 13:41	Water
TDS	1115210		04/08/2011 7:02	Water
Temp_Fld	1117186		04/01/2011 10:25	Water
Turbidity_50	1114263		04/01/2011 14:45	Water
11C1255-02RE1				
M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 19:24	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-02RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 18:40	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 18:40	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 18:40	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 18:40	Water
11C1255-03				
8260B	1114062	M1C2904		Water
8270C	1114028	M1C3001	03/29/2011 16:13	Water
Alkalinity	1115150		04/15/2011 14:00	Water
Cl_Titration	1117021		04/18/2011 18:00	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

COD_Total	1114260		04/04/2011 11:48	Water
Conductivity_Field	1117186		03/28/2011 9:50	Water
Hard_ICP_Calc	[CALC]		04/01/2011 13:50	Water
Hg_Total	1114258	M1D0507	04/04/2011 16:50	Water
M_Ag_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_As_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Ba_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Be_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Ca_ICP	1114154	M1D0402	04/01/2011 13:50	Water
M_Cd_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Co_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Cr_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Cu_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Fe_ICP	1114154	M1D0402	04/01/2011 13:34	Water
M_K_ICP	1114154	M1D0402	04/01/2011 13:34	Water
M_Mg_ICP	1114154	M1D0402	04/01/2011 13:50	Water
M_Mn_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Na_ICP	1114154	M1D0402	04/01/2011 13:34	Water
M_Ni_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Pb_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Sb_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Se_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Tl_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_V_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
M_Zn_ICPMS	1114155	M1D0103	03/31/2011 13:31	Water
NH3_Seal	1114199		03/31/2011 13:46	Water
NO2_Seal	1114087		03/29/2011 7:31	Water
NO3_Calculation_Seal	[CALC]		03/29/2011 9:08	Water
NO3_NO2_Seal	1114089		03/29/2011 9:08	Water
pH_Field	1117186		03/28/2011 9:50	Water
pH_Temp_Field				Water
SO4_Turb	1114166		03/30/2011 13:51	Water
TDS	1114123		03/30/2011 9:32	Water
Temp_Fld	1117186		03/28/2011 9:50	Water
Turbidity_50	1114067		03/29/2011 14:27	Water

11C1255-03RE1

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

8260B	1114002	M1D0108	04/04/2011 20:25	Water

11C1255-04

8260B	1114225	M1D0108		Water
8270C	1114028	M1C3001	03/29/2011 17:22	Water
Alkalinity	1115150		04/15/2011 14:00	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1114260		04/04/2011 11:50	Water
Conductivity_Field	1117186		03/28/2011 8:50	Water
Hard_ICP_Calc	[CALC]		04/01/2011 14:09	Water
Hg_Total	1114258	M1D0507	04/04/2011 16:52	Water
M_Ag_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_As_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Ba_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Be_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Ca_ICP	1114154	M1D0402	04/01/2011 14:09	Water
M_Cd_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Co_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Cr_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Cu_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Fe_ICP	1114154	M1D0402	04/01/2011 14:09	Water
M_K_ICP	1114154	M1D0402	04/01/2011 14:09	Water
M_Mg_ICP	1114154	M1D0402	04/01/2011 14:09	Water
M_Mn_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Na_ICP	1114154	M1D0402	04/01/2011 14:09	Water
M_Ni_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Pb_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Sb_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Se_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Tl_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_V_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
M_Zn_ICPMS	1114155	M1D0103	03/31/2011 14:01	Water
NH3_Seal	1114199		03/31/2011 13:46	Water
NO2_Seal	1114087		03/29/2011 7:31	Water
NO3_Calculation_Seal	[CALC]		03/29/2011 9:08	Water
NO3_NO2_Seal	1114089		03/29/2011 9:08	Water
pH_Field	1117186		03/28/2011 8:50	Water

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

pH_Temp_Field				Water
SO4_Turb	1114166		03/30/2011 13:51	Water
TDS	1114123		03/30/2011 9:33	Water
Temp_Fld	1117186		03/28/2011 8:50	Water
Turbidity_50	1114067		03/29/2011 14:27	Water
11C1255-04RE1				
8260B	1115044	M1D0506	04/05/2011 13:00	Water
11C1255-05				
8260B	1115044	M1D0506	04/05/2011 15:40	Water
Alkalinity	1116163		04/14/2011 10:45	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1115064		04/06/2011 7:42	Water
Conductivity_Field	1117186		04/01/2011 13:25	Water
Hard_ICP_Calc	[CALC]		04/07/2011 10:19	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:11	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 10:19	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 12:05	Water
M_K_ICP	1115076	M1D0815	04/07/2011 10:19	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 10:19	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 12:05	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 13:38	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

NH3_Seal	1115016		04/04/2011 14:29	Water
NO2_Seal	1115006		04/01/2011 16:34	Water
NO3_Calculation_Seal	[CALC]		04/04/2011 10:15	Water
NO3_NO2_Seal	1115024		04/04/2011 10:15	Water
pH_Field	1117186		04/01/2011 13:25	Water
pH_Temp_Field				Water
SO4_Turb	1116182		04/14/2011 13:41	Water
TDS	1115210		04/08/2011 7:03	Water
Temp_Fld	1117186		04/01/2011 13:25	Water
Turbidity_50	1114263		04/01/2011 14:45	Water
11C1255-05RE1				
M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 19:29	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-05RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 18:46	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 18:46	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 18:46	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 18:46	Water
11C1255-06				
8260B	1115044	M1D0506	04/05/2011 16:12	Water
Alkalinity	1116163		04/14/2011 10:45	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1115064		04/06/2011 7:44	Water
Conductivity_Field	1117186		04/04/2011 9:30	Water
Hard_ICP_Calc	[CALC]		04/07/2011 10:23	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:13	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 10:23	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Cr_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 12:21	Water
M_K_ICP	1115076	M1D0815	04/07/2011 10:23	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 10:23	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 12:21	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 14:04	Water
NH3_Seal	1115125		04/07/2011 12:33	Water
NO2_Seal	1115045		04/05/2011 7:54	Water
NO3_Calculation_Seal	[CALC]		04/05/2011 7:54	Water
NO3_NO2_Seal	1115025		04/04/2011 13:33	Water
pH_Field	1117186		04/04/2011 9:30	Water
pH_Temp_Field				Water
SO4_Turb	1116182		04/14/2011 13:41	Water
TDS	1115210		04/08/2011 7:03	Water
Temp_Fld	1117186		04/04/2011 9:30	Water
Turbidity_50	1115047		04/05/2011 11:19	Water
11C1255-06RE1				
M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 19:45	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-06RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 19:01	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 19:01	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 19:01	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 19:01	Water

11C1255-07

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

8260B	1114002	M1C2803		Water
8270C	1113154	M1C2501	03/24/2011 18:25	Water
Alkalinity	1113231		03/25/2011 12:00	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1114023		03/29/2011 14:24	Water
Conductivity_Field	1117186		03/23/2011 12:05	Water
Hard_ICP_Calc	[CALC]		03/29/2011 16:21	Water
Hg_Total	1113227	M1C2510	03/25/2011 14:56	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Be_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 16:21	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 16:21	Water
M_K_ICP	1113232	M1C3007	03/29/2011 16:21	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 16:21	Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Na_ICP	1113232	M1C3007	03/29/2011 16:21	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
M_V_ICPMS	1113234	M1C2903		Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 13:18	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113159		03/24/2011 7:37	Water
NO3_Calculation_Seal	[CALC]		03/28/2011 9:51	Water
NO3_NO2_Seal	1114033		03/28/2011 9:51	Water
pH_Field	1117186		03/23/2011 12:05	Water
pH_Temp_Field				Water
SO4_Turb	1114223		04/01/2011 13:56	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

TDS	1113158		03/24/2011 8:02	Water
Temp_Fld	1117186		03/23/2011 12:05	Water
Turbidity_50	1113173		03/24/2011 11:58	Water
11C1255-07RE1				
8260B	1114002	M1D0108		Water
8270C	1113154	M1C3001	03/29/2011 19:06	Water
M_Ag_ICPMS	1113234	M1C2903		Water
M_As_ICPMS	1113234	M1C2903		Water
M_Ba_ICPMS	1113234	M1C2903		Water
M_Be_ICPMS	1113234	M1C2903		Water
M_Cd_ICPMS	1113234	M1C2903		Water
M_Co_ICPMS	1113234	M1C2903		Water
M_Cr_ICPMS	1113234	M1C2903		Water
M_Cu_ICPMS	1113234	M1C2903		Water
M_Mn_ICPMS	1113234	M1C2903		Water
M_Ni_ICPMS	1113234	M1C2903		Water
M_Pb_ICPMS	1113234	M1C2903		Water
M_Sb_ICPMS	1113234	M1C2903		Water
M_Se_ICPMS	1113234	M1C2903		Water
M_Tl_ICPMS	1113234	M1C2903		Water
M_V_ICPMS	1113234	M1C2903		Water
M_Zn_ICPMS	1113234	M1C2903		Water
11C1255-07RE2				
8260B	1115044	M1D0506	04/05/2011 13:31	Water
M_V_ICPMS	1113234	M1C3102	03/30/2011 14:48	Water
11C1255-08				
8260B	1113155	M1C2504	03/25/2011 17:38	Water
Alkalinity	1113231		03/25/2011 12:00	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1114023		03/29/2011 14:26	Water
Conductivity_Field	1117186		03/23/2011 11:16	Water
Hard_ICP_Calc	[CALC]		03/29/2011 16:25	Water
Hg_Total	1113227	M1C2510	03/25/2011 14:58	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Be_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 16:25	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 16:25	Water
M_K_ICP	1113232	M1C3007	03/29/2011 16:25	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 16:25	Water
M_Mn_ICPMS	1113234	M1C2903		Water
M_Na_ICP	1113232	M1C3007	03/29/2011 16:25	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_V_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 13:24	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113159		03/24/2011 7:37	Water
NO3_Calculation_Seal	[CALC]		03/28/2011 9:51	Water
NO3_NO2_Seal	1114033		03/28/2011 9:51	Water
pH_Field	1117186		03/23/2011 11:16	Water
pH_Temp_Field				Water
SO4_Turb	1114223		04/01/2011 13:56	Water
TDS	1113158		03/24/2011 8:02	Water
Temp_Fld	1117186		03/23/2011 11:16	Water
Turbidity_50	1113173		03/24/2011 11:58	Water

11C1255-09

8260B	1113155	M1C2401	03/24/2011 16:48	Water
Alkalinity	1113231		03/25/2011 12:00	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1114023		03/29/2011 14:28	Water
Conductivity_Field	1117186		03/23/2011 9:25	Water
Hard_ICP_Calc	[CALC]		03/29/2011 16:32	Water
Hg_Total	1113227	M1C2510	03/25/2011 15:00	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Ag_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Be_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 16:32	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 16:32	Water
M_K_ICP	1113232	M1C3007	03/29/2011 16:32	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 16:32	Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Na_ICP	1113232	M1C3007	03/29/2011 16:32	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_V_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 13:29	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113159		03/24/2011 7:37	Water
NO3_Calculation_Seal	[CALC]		03/28/2011 9:51	Water
NO3_NO2_Seal	1114033		03/28/2011 9:51	Water
pH_Field	1117186		03/23/2011 9:25	Water
pH_Temp_Field				Water
SO4_Turb	1114223		04/01/2011 13:56	Water
TDS	1113158		03/24/2011 8:03	Water
Temp_Fld	1117186		03/23/2011 9:25	Water
Turbidity_50	1113173		03/24/2011 11:58	Water

11C1255-10

8260B	1115044	M1D0506	04/05/2011 16:43	Water
Alkalinity	1116163		04/14/2011 10:45	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1115064		04/06/2011 7:46	Water

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Conductivity_Field	1117186		04/04/2011 10:35	Water
Hard_ICP_Calc	[CALC]		04/07/2011 12:37	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:15	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 12:37	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 10:34	Water
M_K_ICP	1115076	M1D0815	04/07/2011 10:34	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 12:37	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 12:37	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 14:24	Water
NH3_Seal	1115125		04/07/2011 12:33	Water
NO2_Seal	1115045		04/05/2011 7:54	Water
NO3_Calculation_Seal	[CALC]		04/05/2011 7:54	Water
NO3_NO2_Seal	1115025		04/04/2011 13:33	Water
pH_Field	1117186		04/04/2011 10:35	Water
pH_Temp_Field				Water
SO4_Turb	1117088		04/20/2011 6:51	Water
TDS	1115210		04/08/2011 7:03	Water
Temp_Fld	1117186		04/04/2011 10:35	Water
Turbidity_50	1115047		04/05/2011 11:19	Water
11C1255-10RE1				
M_Be_ICPMS	1115077	M1D0810		Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Mn_ICPMS	1115077	M1D0808	04/07/2011 19:50	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-10RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 19:06	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 19:06	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 19:06	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 19:06	Water
11C1255-11				
8260B	1115044	M1D0506	04/05/2011 17:16	Water
Alkalinity	1117009		04/18/2011 10:15	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1115064		04/06/2011 7:48	Water
Conductivity_Field	1117186		04/04/2011 11:30	Water
Hard_ICP_Calc	[CALC]		04/07/2011 12:41	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:18	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 12:41	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 10:39	Water
M_K_ICP	1115076	M1D0815	04/07/2011 10:39	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 12:41	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 10:39	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 14:29	Water
NH3_Seal	1115125		04/07/2011 12:33	Water
NO2_Seal	1115045		04/05/2011 7:54	Water
NO3_Calculation_Seal	[CALC]		04/05/2011 7:54	Water
NO3_NO2_Seal	1115025		04/04/2011 13:33	Water
pH_Field	1117186		04/04/2011 11:30	Water
pH_Temp_Field				Water
SO4_Turb	1116182		04/14/2011 13:41	Water
TDS	1115210		04/08/2011 7:03	Water
Temp_Fld	1117186		04/04/2011 11:30	Water
Turbidity_50	1115047		04/05/2011 11:19	Water
11C1255-11RE1				
M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 19:55	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-11RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 19:11	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 19:11	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 19:11	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 19:11	Water
11C1255-12				
8260B	1115044	M1D0506	04/05/2011 17:48	Water
Alkalinity	1116163		04/14/2011 10:45	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1115064		04/06/2011 7:50	Water
Conductivity_Field	1117186		04/01/2011 11:20	Water
Hard_ICP_Calc	[CALC]		04/07/2011 10:43	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:20	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 10:43	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Cd_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 10:43	Water
M_K_ICP	1115076	M1D0815	04/07/2011 10:43	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 10:43	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 12:45	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 14:34	Water
NH3_Seal	1115016		04/04/2011 14:29	Water
NO2_Seal	1115006		04/01/2011 16:34	Water
NO3_Calculation_Seal	[CALC]		04/04/2011 10:15	Water
NO3_NO2_Seal	1115024		04/04/2011 10:15	Water
pH_Field	1117186		04/01/2011 11:20	Water
pH_Temp_Field				Water
SO4_Turb	1117088		04/20/2011 6:51	Water
TDS	1115210		04/08/2011 7:04	Water
Temp_Fld	1117186		04/01/2011 11:20	Water
Turbidity_50	1114263		04/01/2011 14:45	Water
11C1255-12RE1				
M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 20:15	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-12RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 19:31	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 19:31	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 19:31	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 19:31	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

11C1255-13

8260B	1115044	M1D0506	04/05/2011 18:20	Water
Alkalinity	1116163		04/14/2011 10:45	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1115064		04/06/2011 7:52	Water
Conductivity_Field	1117186		04/01/2011 12:15	Water
Hard_ICP_Calc	[CALC]		04/07/2011 12:49	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:22	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 12:49	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 10:47	Water
M_K_ICP	1115076	M1D0815	04/07/2011 10:47	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 12:49	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 14:27	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 14:39	Water
NH3_Seal	1115016		04/04/2011 14:29	Water
NO2_Seal	1115006		04/01/2011 16:34	Water
NO3_Calculation_Seal	[CALC]		04/04/2011 10:15	Water
NO3_NO2_Seal	1115024		04/04/2011 10:15	Water
pH_Field	1117186		04/01/2011 12:15	Water
pH_Temp_Field				Water
SO4_Turb	1116182		04/14/2011 13:41	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

TDS	1115210		04/08/2011 7:04	Water
Temp_Fld	1117186		04/01/2011 12:15	Water
Turbidity_50	1114263		04/01/2011 14:45	Water
11C1255-13RE1				
M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 20:20	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-13RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 19:37	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 19:37	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 19:37	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 19:37	Water
11C1255-14				
8260B	1114225	M1D0108	04/04/2011 16:53	Water
8270C	1114230	M1D0301	04/01/2011 18:27	Water
Alkalinity	1115150		04/15/2011 14:00	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1114260		04/04/2011 11:52	Water
Conductivity_Field	1117186		03/31/2011 11:20	Water
Hard_ICP_Calc	[CALC]		04/07/2011 12:53	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:24	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 12:53	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 10:51	Water
M_K_ICP	1115076	M1D0815	04/07/2011 12:53	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 12:53	Water
M_Mn_ICPMS	1115077	M1D0803		Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Na_ICP	1115076	M1D0815	04/07/2011 12:53	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 14:45	Water
NH3_Seal	1115016		04/04/2011 14:29	Water
NO2_Seal	1114240		04/01/2011 7:33	Water
NO3_Calculation_Seal	[CALC]		04/04/2011 10:15	Water
NO3_NO2_Seal	1115024		04/04/2011 10:15	Water
pH_Field	1117186		03/31/2011 11:20	Water
pH_Temp_Field				Water
SO4_Turb	1116182		04/14/2011 13:41	Water
TDS	1114261		04/01/2011 15:27	Water
Temp_Fld	1117186		03/31/2011 11:20	Water
Turbidity_50	1114263		04/01/2011 14:45	Water
11C1255-14RE1				
8270C	1114230	M1D0401	04/03/2011 18:01	Water
M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 20:25	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-14RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 19:42	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 19:42	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 19:42	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 19:42	Water
11C1255-15				
8260B	1114225	M1D0108		Water
8270C	1114230	M1D0301	04/01/2011 17:52	Water
Alkalinity	1115150		04/15/2011 14:00	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1114260		04/04/2011 11:54	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Conductivity_Field	1117186		03/31/2011 12:20	Water
Hard_ICP_Calc	[CALC]		04/07/2011 12:57	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:26	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 12:57	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 10:55	Water
M_K_ICP	1115076	M1D0815	04/07/2011 10:55	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 12:57	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 14:30	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 14:50	Water
NH3_Seal	1115016		04/04/2011 14:29	Water
NO2_Seal	1114240		04/01/2011 7:33	Water
NO3_Calculation_Seal	[CALC]		04/04/2011 10:15	Water
NO3_NO2_Seal	1115024		04/04/2011 10:15	Water
pH_Field	1117186		03/31/2011 12:20	Water
pH_Temp_Field				Water
SO4_Turb	1117088		04/20/2011 6:51	Water
TDS	1114261		04/01/2011 15:28	Water
Temp_Fld	1117186		03/31/2011 12:20	Water
Turbidity_50	1114263		04/01/2011 14:45	Water
11C1255-15RE1				
8260B	1115044	M1D0506	04/05/2011 14:03	Water

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 20:30	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-15RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 19:47	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 19:47	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 19:47	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 19:47	Water
11C1255-16				
8260B	1114225	M1D0108	04/04/2011 18:04	Water
8270C	1114028	M1C3001	03/29/2011 19:41	Water
Alkalinity	1115150		04/15/2011 14:00	Water
Cl_Titration	1117021		04/18/2011 18:00	Water
COD_Total	1114260		04/04/2011 11:56	Water
Conductivity_Field	1117186		03/28/2011 11:55	Water
Hard_ICP_Calc	[CALC]		04/01/2011 14:13	Water
Hg_Total	1114258	M1D0507	04/04/2011 16:54	Water
M_Ag_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_As_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_Ba_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_Be_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_Ca_ICP	1114154	M1D0402	04/01/2011 14:13	Water
M_Cd_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_Co_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_Cr_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_Cu_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_Fe_ICP	1114154	M1D0402	04/01/2011 14:13	Water
M_K_ICP	1114154	M1D0402	04/01/2011 14:13	Water
M_Mg_ICP	1114154	M1D0402	04/01/2011 14:13	Water
M_Mn_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_Na_ICP	1114154	M1D0402	04/01/2011 14:13	Water
M_Ni_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_Pb_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water
M_Sb_ICPMS	1114155	M1D0103	03/31/2011 14:06	Water

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CERTIFICATE OF ANALYSIS

RG Steel, LLC
1430 Sparrows Point Blvd
Sparrows Point, MD 21219

Project: Greys Landfill
Project Number: Landfill
Project Manager: Russ Becker

Report: 11C1255
Reported: 04/27/2011 11:25

M_Se_ICPMS	1114155	M1D0103	03/31/2011	14:06	Water
M_Tl_ICPMS	1114155	M1D0103	03/31/2011	14:06	Water
M_V_ICPMS	1114155	M1D0103	03/31/2011	14:06	Water
M_Zn_ICPMS	1114155	M1D0103	03/31/2011	14:06	Water
NH3_Seal	1114199		03/31/2011	13:46	Water
NO2_Seal	1114087		03/29/2011	7:31	Water
NO3_Calculation_Seal	[CALC]		03/29/2011	9:08	Water
NO3_NO2_Seal	1114089		03/29/2011	9:08	Water
pH_Field	1117186		03/28/2011	11:55	Water
pH_Temp_Field					Water
SO4_Turb	1114223		04/01/2011	13:56	Water
TDS	1114123		03/30/2011	9:33	Water
Temp_Fld	1117186		03/28/2011	11:55	Water
Turbidity_50	1114067		03/29/2011	14:27	Water
11C1255-16RE1					
8270C	1114028	M1C3001	03/29/2011	18:32	Water
11C1255-16RE2					
8270C	1114028	M1C3107	03/30/2011	12:27	Water
11C1255-17					
8260B	1114062	M1C2904	03/29/2011	16:43	Water
8270C	1114028	M1C3001	03/29/2011	15:38	Water
Alkalinity	1115150		04/15/2011	14:00	Water
Cl_Titration	1116047		04/13/2011	16:29	Water
COD_Total	1114260		04/04/2011	11:58	Water
Conductivity_Field	1117186		03/28/2011	12:45	Water
Hard_ICP_Calc	[CALC]		04/01/2011	14:17	Water
Hg_Total	1114258	M1D0507	04/04/2011	16:56	Water
M_Ag_ICPMS	1114155	M1D0103	03/31/2011	14:38	Water
M_As_ICPMS	1114155	M1D0103	03/31/2011	14:38	Water
M_Ba_ICPMS	1114155	M1D0103	03/31/2011	14:38	Water
M_Be_ICPMS	1114155	M1D0103	03/31/2011	14:38	Water
M_Ca_ICP	1114154	M1D0402	04/01/2011	14:17	Water
M_Cd_ICPMS	1114155	M1D0103	03/31/2011	14:38	Water
M_Co_ICPMS	1114155	M1D0103			Water
M_Cr_ICPMS	1114155	M1D0103	03/31/2011	14:38	Water
M_Cu_ICPMS	1114155	M1D0103			Water

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Fe_ICP	1114154	M1D0402	04/01/2011 14:17	Water
M_K_ICP	1114154	M1D0402	04/01/2011 14:17	Water
M_Mg_ICP	1114154	M1D0402	04/01/2011 14:17	Water
M_Mn_ICPMS	1114155	M1D0103		Water
M_Na_ICP	1114154	M1D0402	04/01/2011 14:17	Water
M_Ni_ICPMS	1114155	M1D0103		Water
M_Pb_ICPMS	1114155	M1D0103	03/31/2011 14:38	Water
M_Sb_ICPMS	1114155	M1D0103	03/31/2011 14:38	Water
M_Se_ICPMS	1114155	M1D0103	03/31/2011 14:38	Water
M_Tl_ICPMS	1114155	M1D0103	03/31/2011 14:38	Water
M_V_ICPMS	1114155	M1D0103	03/31/2011 14:38	Water
M_Zn_ICPMS	1114155	M1D0103	03/31/2011 14:38	Water
NH3_Seal	1114199		03/31/2011 13:46	Water
NO2_Seal	1114087		03/29/2011 7:31	Water
NO3_Calculation_Seal	[CALC]		03/29/2011 9:08	Water
NO3_NO2_Seal	1114089		03/29/2011 9:08	Water
pH_Field	1117186		03/28/2011 12:45	Water
pH_Temp_Field				Water
SO4_Turb	1114223		04/01/2011 13:56	Water
TDS	1114123		03/30/2011 9:33	Water
Temp_Fld	1117186		03/28/2011 12:45	Water
Turbidity_50	1114067		03/29/2011 14:27	Water
11C1255-17RE1				
M_Ag_ICPMS	1114155	M1D0103		Water
M_As_ICPMS	1114155	M1D0103		Water
M_Ba_ICPMS	1114155	M1D0103		Water
M_Be_ICPMS	1114155	M1D0103		Water
M_Cd_ICPMS	1114155	M1D0103		Water
M_Co_ICPMS	1114155	M1D0103		Water
M_Cr_ICPMS	1114155	M1D0103		Water
M_Cu_ICPMS	1114155	M1D0103		Water
M_Mn_ICPMS	1114155	M1D0103		Water
M_Ni_ICPMS	1114155	M1D0103		Water
M_Pb_ICPMS	1114155	M1D0103		Water
M_Sb_ICPMS	1114155	M1D0103		Water
M_Se_ICPMS	1114155	M1D0103		Water

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Tl_ICPMS	1114155	M1D0103		Water
M_V_ICPMS	1114155	M1D0103		Water
M_Zn_ICPMS	1114155	M1D0103		Water
11C1255-17RE2				
M_Co_ICPMS	1114155	M1D0106	03/31/2011 17:13	Water
M_Cu_ICPMS	1114155	M1D0106	03/31/2011 17:13	Water
M_Mn_ICPMS	1114155	M1D0105	03/31/2011 17:33	Water
M_Ni_ICPMS	1114155	M1D0106	03/31/2011 17:13	Water
11C1255-19				
8260B	1115148	M1D0701		Water
8270C	1115107	M1D1101	04/08/2011 18:56	Water
Alkalinity	1117009		04/18/2011 10:15	Water
Cl_Titration	1116047		04/13/2011 16:29	Water
COD_Total	1116042		04/12/2011 14:10	Water
Conductivity_Field	1117186		04/06/2011 10:10	Water
Hard_ICP_Calc	[CALC]		04/07/2011 14:49	Water
Hg_Total	1115238	M1D1201	04/11/2011 14:00	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 14:49	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 14:49	Water
M_K_ICP	1115076	M1D0815	04/07/2011 14:49	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 14:49	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 14:53	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 15:47	Water
NH3_Seal	1115125		04/07/2011 12:33	Water
NO2_Seal	1115170		04/07/2011 5:10	Water
NO3_Calculation_Seal	[CALC]		04/07/2011 9:23	Water
NO3_NO2_Seal	1115167		04/07/2011 9:23	Water
pH_Field	1117186		04/06/2011 10:10	Water
pH_Temp_Field				Water
SO4_Turb	1116182		04/14/2011 13:41	Water
TDS	1115210		04/08/2011 7:04	Water
Temp_Fld	1117186		04/06/2011 10:10	Water
Turbidity_50	1115185		04/07/2011 16:41	Water
11C1255-19RE1				
8260B	1115148	M1D0701	04/07/2011 18:31	Water
8270C	1115107	M1D1101	04/08/2011 16:03	Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 21:21	Water
11C1255-19RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 20:38	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 20:38	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 20:38	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 20:38	Water
11C1255-20				
8260B	1114225	M1D0108		Water
Alkalinity	1115011		04/04/2011 12:45	Water
Cl_Titration	1116047		04/13/2011 16:29	Water
COD_Total	1114260		04/04/2011 12:00	Water
Conductivity_Field	1117186		03/31/2011 10:02	Water
Hard_ICP_Calc	[CALC]		04/07/2011 13:12	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:29	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water
M_Be_ICPMS	1115077	M1D0803		Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 13:12	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Cr_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 11:00	Water
M_K_ICP	1115076	M1D0815	04/07/2011 13:12	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 13:12	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 14:34	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water
M_Se_ICPMS	1115077	M1D0803		Water
M_Tl_ICPMS	1115077	M1D0803		Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 14:55	Water
NH3_Seal	1115016		04/04/2011 14:29	Water
NO2_Seal	1114240		04/01/2011 7:33	Water
NO3_Calculation_Seal	[CALC]		04/04/2011 10:15	Water
NO3_NO2_Seal	1115024		04/04/2011 10:15	Water
pH_Field	1117186		03/31/2011 10:02	Water
pH_Temp_Field				Water
SO4_Turb	1117088		04/20/2011 6:51	Water
TDS	1114261		04/01/2011 15:28	Water
Temp_Fld	1117186		03/31/2011 10:02	Water
Turbidity_50	1114263		04/01/2011 14:45	Water
11C1255-20RE1				
8260B	1115044	M1D0506	04/05/2011 14:35	Water
M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 20:36	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-20RE2				
M_Be_ICPMS	1115077	M1D1303	04/12/2011 19:52	Water
M_Se_ICPMS	1115077	M1D1303	04/12/2011 19:52	Water
M_Tl_ICPMS	1115077	M1D1303	04/12/2011 19:52	Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 19:52	Water

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

11C1255-21					
8260B	1113155	M1C2504	03/25/2011	14:01	Water
11C1255-22					
8260B	1113155	M1C2504	03/25/2011	14:32	Water
11C1255-23					
8260B	1113155	M1C2504	03/25/2011	15:03	Water
11C1255-31					
8260B	1113155	M1C2401	03/24/2011	17:19	Water
Alkalinity	1115011		04/04/2011	12:45	Water
Cl_Titration	1115009		04/04/2011	12:03	Water
COD_Total	1114023		03/29/2011	14:30	Water
Conductivity_Field	1117186		03/21/2011	14:40	Water
Hard_ICP_Calc	[CALC]		03/22/2011	15:54	Water
Hg_Total	1113104	M1C2402	03/23/2011	16:43	Water
M_Ag_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_As_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Ba_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Be_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Ca_ICP	1113057	M1C2405	03/22/2011	15:54	Water
M_Cd_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Co_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Cr_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Cu_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Fe_ICP	1113057	M1C2405	03/22/2011	16:58	Water
M_K_ICP	1113057	M1C2405	03/22/2011	15:54	Water
M_Mg_ICP	1113057	M1C2405	03/22/2011	15:54	Water
M_Mn_ICPMS	1113066	M1C2303			Water
M_Na_ICP	1113057	M1C2405	03/22/2011	16:58	Water
M_Ni_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Pb_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Sb_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Se_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_Tl_ICPMS	1113066	M1C2303	03/22/2011	18:29	Water
M_V_ICPMS	1113066	M1C2303			Water
M_Zn_ICPMS	1113066	M1C2303			Water

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

NH3_Seal	1113063		03/22/2011 13:08	Water
NO2_Seal	1113070		03/22/2011 9:27	Water
NO3_Calculation_Seal	[CALC]		03/23/2011 9:49	Water
NO3_NO2_Seal	1113142		03/23/2011 9:49	Water
pH_Field	1117186		03/21/2011 14:40	Water
pH_Temp_Field				Water
SO4_Turb	1114223		04/01/2011 13:56	Water
TDS	1113158		03/24/2011 8:03	Water
Temp_Fld	1117186		03/21/2011 14:40	Water
Turbidity_50	1113110		03/23/2011 14:53	Water
11C1255-31RE1				
M_Mn_ICPMS	1113066	M1C2306		Water
M_V_ICPMS	1113066	M1C2306	03/23/2011 9:21	Water
M_Zn_ICPMS	1113066	M1C2307	03/23/2011 11:22	Water
11C1255-31RE2				
M_Mn_ICPMS	1113066	M1C2306	03/23/2011 9:23	Water
M_V_ICPMS	1113066	M1C2306		Water
11C1255-32				
8260B	1113155	M1C2401	03/24/2011 17:50	Water
Alkalinity	1115011		04/04/2011 12:45	Water
Cl_Titration	1115009		04/04/2011 12:03	Water
COD_Total	1114023		03/29/2011 14:32	Water
Conductivity_Field	1117186		03/21/2011 13:40	Water
Hard_ICP_Calc	[CALC]		03/22/2011 16:35	Water
Hg_Total	1113104	M1C2402	03/23/2011 16:46	Water
M_Ag_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_As_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Ba_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Be_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Ca_ICP	1113057	M1C2405	03/22/2011 16:35	Water
M_Cd_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Co_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Cr_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Cu_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Fe_ICP	1113057	M1C2405	03/22/2011 16:35	Water
M_K_ICP	1113057	M1C2405	03/22/2011 16:35	Water

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Mg_ICP	1113057	M1C2405	03/22/2011 16:35	Water
M_Mn_ICPMS	1113066	M1C2303		Water
M_Na_ICP	1113057	M1C2405	03/22/2011 17:24	Water
M_Ni_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Pb_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Sb_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Se_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_Tl_ICPMS	1113066	M1C2303	03/22/2011 18:34	Water
M_V_ICPMS	1113066	M1C2303		Water
M_Zn_ICPMS	1113066	M1C2303		Water
NH3_Seal	1113063		03/22/2011 13:08	Water
NO2_Seal	1113070		03/22/2011 9:27	Water
NO3_Calculation_Seal	[CALC]		03/23/2011 9:49	Water
NO3_NO2_Seal	1113142		03/23/2011 9:49	Water
pH_Field	1117186		03/21/2011 13:40	Water
pH_Temp_Field				Water
SO4_Turb	1114166		03/30/2011 13:51	Water
TDS	1113158		03/24/2011 8:03	Water
Temp_Fld	1117186		03/21/2011 13:40	Water
Turbidity_50	1113110		03/23/2011 14:53	Water
11C1255-32RE1				
M_Mn_ICPMS	1113066	M1C2306	03/23/2011 9:26	Water
M_V_ICPMS	1113066	M1C2306	03/23/2011 9:26	Water
M_Zn_ICPMS	1113066	M1C2307	03/23/2011 11:26	Water
11C1255-33				
8260B	1113155	M1C2401		Water
Alkalinity	1115011		04/04/2011 12:45	Water
Cl_Titration	1115009		04/04/2011 12:03	Water
COD_Total	1114023		03/29/2011 14:34	Water
Conductivity_Field	1117186		03/22/2011 14:35	Water
Hard_ICP_Calc	[CALC]		03/29/2011 16:36	Water
Hg_Total	1113227	M1C2510	03/25/2011 15:03	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Be_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Ca_ICP	1113232	M1C3007	03/29/2011 16:36	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Fe_ICP	1113232	M1C3007	03/30/2011 12:27	Water
M_K_ICP	1113232	M1C3007	03/29/2011 16:36	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 16:36	Water
M_Mn_ICPMS	1113234	M1C2903		Water
M_Na_ICP	1113232	M1C3007	03/29/2011 16:36	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_V_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 13:34	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113137		03/23/2011 12:05	Water
NO3_Calculation_Seal	[CALC]		03/23/2011 15:46	Water
NO3_NO2_Seal	1113160		03/23/2011 15:46	Water
pH_Field	1117186		03/22/2011 14:35	Water
pH_Temp_Field				Water
SO4_Turb	1114166		03/30/2011 13:51	Water
TDS	1113158		03/24/2011 8:03	Water
Temp_Fld	1117186		03/22/2011 14:35	Water
Turbidity_50	1113110		03/23/2011 14:53	Water
11C1255-33RE1				
8260B	1113155	M1C2504	03/25/2011 15:34	Water
M_Ag_ICPMS	1113234	M1C2903		Water
M_As_ICPMS	1113234	M1C2903		Water
M_Ba_ICPMS	1113234	M1C2903		Water
M_Be_ICPMS	1113234	M1C2903		Water
M_Cd_ICPMS	1113234	M1C2903		Water
M_Co_ICPMS	1113234	M1C2903		Water
M_Cr_ICPMS	1113234	M1C2903		Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Cu_ICPMS	1113234	M1C2903		Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 17:17	Water
M_Ni_ICPMS	1113234	M1C2903		Water
M_Pb_ICPMS	1113234	M1C2903		Water
M_Sb_ICPMS	1113234	M1C2903		Water
M_Se_ICPMS	1113234	M1C2903		Water
M_Tl_ICPMS	1113234	M1C2903		Water
M_V_ICPMS	1113234	M1C2903		Water
M_Zn_ICPMS	1113234	M1C2903		Water

11C1255-34

8260B	1113155	M1C2504	03/25/2011 16:06	Water
Alkalinity	1115011		04/04/2011 12:45	Water
Cl_Titration	1115009		04/04/2011 12:03	Water
COD_Total	1114023		03/29/2011 14:36	Water
Conductivity_Field	1117186		03/22/2011 13:40	Water
Hard_ICP_Calc	[CALC]		03/29/2011 17:09	Water
Hg_Total	1113227	M1C2510	03/25/2011 15:05	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Be_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 17:09	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 17:09	Water
M_K_ICP	1113232	M1C3007	03/29/2011 17:09	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 17:09	Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Na_ICP	1113232	M1C3007	03/29/2011 17:09	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
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M_V_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 13:39	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113137		03/23/2011 12:05	Water
NO3_Calculation_Seal	[CALC]		03/23/2011 15:46	Water
NO3_NO2_Seal	1113160		03/23/2011 15:46	Water
pH_Field	1117186		03/22/2011 13:40	Water
pH_Temp_Field				Water
SO4_Turb	1114166		03/30/2011 13:51	Water
TDS	1113158		03/24/2011 8:04	Water
Temp_Fld	1117186		03/22/2011 13:40	Water
Turbidity_50	1113110		03/23/2011 14:53	Water

11C1255-35

8260B	1113155	M1C2504	03/25/2011 16:36	Water
Alkalinity	1115011		04/04/2011 12:45	Water
Cl_Titration	1115009		04/04/2011 12:03	Water
COD_Total	1114023		03/29/2011 14:38	Water
Conductivity_Field	1117186		03/22/2011 12:19	Water
Hard_ICP_Calc	[CALC]		03/29/2011 17:14	Water
Hg_Total	1113227	M1C2510	03/25/2011 15:07	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Be_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 17:14	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 17:14	Water
M_K_ICP	1113232	M1C3007	03/29/2011 17:14	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 17:14	Water
M_Mn_ICPMS	1113234	M1C2903		Water
M_Na_ICP	1113232	M1C3007	03/29/2011 17:14	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Sb_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_V_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 14:20	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113137		03/23/2011 12:05	Water
NO3_Calculation_Seal	[CALC]		03/23/2011 15:46	Water
NO3_NO2_Seal	1113160		03/23/2011 15:46	Water
pH_Field	1117186		03/22/2011 12:19	Water
pH_Temp_Field				Water
SO4_Turb	1114223		04/01/2011 13:56	Water
TDS	1113158		03/24/2011 8:04	Water
Temp_Fld	1117186		03/22/2011 12:19	Water
Turbidity_50	1113110		03/23/2011 14:53	Water

11C1255-35RE1

M_Ag_ICPMS	1113234	M1C2903		Water
M_As_ICPMS	1113234	M1C2903		Water
M_Ba_ICPMS	1113234	M1C2903		Water
M_Be_ICPMS	1113234	M1C2903		Water
M_Cd_ICPMS	1113234	M1C2903		Water
M_Co_ICPMS	1113234	M1C2903		Water
M_Cr_ICPMS	1113234	M1C2903		Water
M_Cu_ICPMS	1113234	M1C2903		Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 17:22	Water
M_Ni_ICPMS	1113234	M1C2903		Water
M_Pb_ICPMS	1113234	M1C2903		Water
M_Sb_ICPMS	1113234	M1C2903		Water
M_Se_ICPMS	1113234	M1C2903		Water
M_Tl_ICPMS	1113234	M1C2903		Water
M_V_ICPMS	1113234	M1C2903		Water
M_Zn_ICPMS	1113234	M1C2903		Water

11C1255-36

8260B	1113155	M1C2504	03/25/2011 17:07	Water
Alkalinity	1115011		04/04/2011 12:45	Water
Cl_Titration	1115009		04/04/2011 12:03	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

COD_Total	1114023		03/29/2011 14:40	Water
Conductivity_Field	1117186		03/22/2011 11:18	Water
Hard_ICP_Calc	[CALC]		03/29/2011 17:18	Water
Hg_Total	1113227	M1C2510	03/25/2011 15:09	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Be_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 17:18	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 17:18	Water
M_K_ICP	1113232	M1C3007	03/29/2011 17:18	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 17:18	Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Na_ICP	1113232	M1C3007	03/29/2011 17:18	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_V_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 14:25	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113137		03/23/2011 12:05	Water
NO3_Calculation_Seal	[CALC]		03/23/2011 15:46	Water
NO3_NO2_Seal	1113160		03/23/2011 15:46	Water
pH_Field	1117186		03/22/2011 11:18	Water
pH_Temp_Field				Water
SO4_Turb	1114166		03/30/2011 13:51	Water
TDS	1113158		03/24/2011 8:04	Water
Temp_Fld	1117186		03/22/2011 11:18	Water
Turbidity_50	1113110		03/23/2011 14:53	Water

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RG Steel, LLC
1430 Sparrows Point Blvd
Sparrows Point, MD 21219

Project: Greys Landfill
Project Number: Landfill
Project Manager: Russ Becker

Report: 11C1255
Reported: 04/27/2011 11:25

8260B	1114002	M1C2803	03/28/2011 10:53	Water
Alkalinity	1115011		04/04/2011 12:45	Water
Cl_Titration	1115009		04/04/2011 12:03	Water
COD_Total	1114023		03/29/2011 14:42	Water
Conductivity_Field	1117186		03/22/2011 10:27	Water
Hard_ICP_Calc	[CALC]		03/29/2011 17:21	Water
Hg_Total	1113227	M1C2510	03/25/2011 15:11	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Be_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 17:21	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 17:21	Water
M_K_ICP	1113232	M1C3007	03/29/2011 17:21	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 17:21	Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Na_ICP	1113232	M1C3007	03/29/2011 17:21	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_V_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 14:30	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113137		03/23/2011 12:05	Water
NO3_Calculation_Seal	[CALC]		03/23/2011 15:46	Water
NO3_NO2_Seal	1113160		03/23/2011 15:46	Water
pH_Field	1117186		03/22/2011 10:27	Water
pH_Temp_Field				Water
SO4_Turb	1114166		03/30/2011 13:51	Water
TDS	1113158		03/24/2011 8:04	Water

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Temp_Fld	1117186		03/22/2011 10:27	Water
Turbidity_50	1113110		03/23/2011 14:53	Water
11C1255-38				
8260B	1114002	M1C2803	03/28/2011 11:23	Water
Alkalinity	1115011		04/04/2011 12:45	Water
Cl_Titration	1115009		04/04/2011 12:03	Water
COD_Total	1114023		03/29/2011 14:44	Water
Conductivity_Field	1117186		03/22/2011 9:35	Water
Hard_ICP_Calc	[CALC]		03/29/2011 17:26	Water
Hg_Total	1113227	M1C2510	03/25/2011 15:18	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Be_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 17:26	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 17:26	Water
M_K_ICP	1113232	M1C3007	03/29/2011 17:26	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 17:26	Water
M_Mn_ICPMS	1113234	M1C2903		Water
M_Na_ICP	1113232	M1C3007	03/29/2011 17:26	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_V_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 14:35	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113137		03/23/2011 12:05	Water
NO3_Calculation_Seal	[CALC]		03/23/2011 15:46	Water
NO3_NO2_Seal	1113160		03/23/2011 15:46	Water
pH_Field	1117186		03/22/2011 9:35	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

pH_Temp_Field				Water
SO4_Turb	1114223		04/01/2011 13:56	Water
TDS	1113158		03/24/2011 8:05	Water
Temp_Fld	1117186		03/22/2011 9:35	Water
Turbidity_50	1113110		03/23/2011 14:53	Water
11C1255-38RE1				
M_Ag_ICPMS	1113234	M1C2903		Water
M_As_ICPMS	1113234	M1C2903		Water
M_Ba_ICPMS	1113234	M1C2903		Water
M_Be_ICPMS	1113234	M1C2903		Water
M_Cd_ICPMS	1113234	M1C2903		Water
M_Co_ICPMS	1113234	M1C2903		Water
M_Cr_ICPMS	1113234	M1C2903		Water
M_Cu_ICPMS	1113234	M1C2903		Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 17:27	Water
M_Ni_ICPMS	1113234	M1C2903		Water
M_Pb_ICPMS	1113234	M1C2903		Water
M_Sb_ICPMS	1113234	M1C2903		Water
M_Se_ICPMS	1113234	M1C2903		Water
M_Tl_ICPMS	1113234	M1C2903		Water
M_V_ICPMS	1113234	M1C2903		Water
M_Zn_ICPMS	1113234	M1C2903		Water
11C1255-39				
8260B	1114002	M1C2803	03/28/2011 11:54	Water
Alkalinity	1115011		04/04/2011 12:45	Water
Cl_Titration	1116047		04/13/2011 16:29	Water
COD_Total	1114023		03/29/2011 14:46	Water
Conductivity_Field	1117186		03/23/2011 10:26	Water
Hard_ICP_Calc	[CALC]		03/29/2011 17:30	Water
Hg_Total	1113227	M1C2510	03/25/2011 15:20	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Be_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 17:30	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Co_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 17:30	Water
M_K_ICP	1113232	M1C3007	03/29/2011 17:30	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 17:30	Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Na_ICP	1113232	M1C3007	03/29/2011 17:30	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_V_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 14:40	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113159		03/24/2011 7:37	Water
NO3_Calculation_Seal	[CALC]		03/28/2011 9:51	Water
NO3_NO2_Seal	1114033		03/28/2011 9:51	Water
pH_Field	1117186		03/23/2011 10:26	Water
pH_Temp_Field				Water
SO4_Turb	1114166		03/30/2011 13:51	Water
TDS	1113158		03/24/2011 8:05	Water
Temp_Fld	1117186		03/23/2011 10:26	Water
Turbidity_50	1113173		03/24/2011 11:58	Water

11C1255-40

8260B	1114002	M1C2803	03/28/2011 12:25	Water
8270C	1113154	M1C2501	03/24/2011 16:41	Water
Cl_Titration	1116047		04/13/2011 16:29	Water
COD_Total	1114023		03/29/2011 14:48	Water
Conductivity_Field	1117186		03/23/2011 13:36	Water
Hard_ICP_Calc	[CALC]		03/29/2011 17:41	Water
Hg_Total	1113227	M1C2510	03/25/2011 15:22	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water

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RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Be_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 17:41	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 17:41	Water
M_K_ICP	1113232	M1C3007	03/29/2011 17:41	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 17:41	Water
M_Mn_ICPMS	1113234	M1C2903		Water
M_Na_ICP	1113232	M1C3007	03/30/2011 10:50	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_V_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 14:45	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113159		03/24/2011 7:37	Water
NO3_Calculation_Seal	[CALC]		03/28/2011 9:51	Water
NO3_NO2_Seal	1114033		03/28/2011 9:51	Water
pH_Field	1117186		03/23/2011 13:36	Water
pH_Temp_Field				Water
SO4_Turb	1114223		04/01/2011 13:56	Water
TDS	1113158		03/24/2011 8:05	Water
Temp_Fld	1117186		03/23/2011 13:36	Water
Turbidity_50	1113173		03/24/2011 11:58	Water

11C1255-40RE1

M_Ag_ICPMS	1113234	M1C2903		Water
M_As_ICPMS	1113234	M1C2903		Water
M_Ba_ICPMS	1113234	M1C2903		Water
M_Be_ICPMS	1113234	M1C2903		Water
M_Cd_ICPMS	1113234	M1C2903		Water
M_Co_ICPMS	1113234	M1C2903		Water
M_Cr_ICPMS	1113234	M1C2903		Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_Cu_ICPMS	1113234	M1C2903		Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 17:33	Water
M_Ni_ICPMS	1113234	M1C2903		Water
M_Pb_ICPMS	1113234	M1C2903		Water
M_Sb_ICPMS	1113234	M1C2903		Water
M_Se_ICPMS	1113234	M1C2903		Water
M_Tl_ICPMS	1113234	M1C2903		Water
M_V_ICPMS	1113234	M1C2903		Water
M_Zn_ICPMS	1113234	M1C2903		Water

11C1255-41

8260B	1114002	M1C2803		Water
8270C	1113154	M1C2501	03/24/2011 19:35	Water
Cl_Titration	1116047		04/13/2011 16:29	Water
COD_Total	1114023		03/29/2011 14:50	Water
Conductivity_Field	1117186		03/23/2011 14:27	Water
Hard_ICP_Calc	[CALC]		03/29/2011 17:45	Water
Hg_Total	1113227	M1C2510	03/25/2011 15:25	Water
M_Ag_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_As_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Ba_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Be_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Ca_ICP	1113232	M1C3007	03/29/2011 17:45	Water
M_Cd_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Co_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Cr_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Cu_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Fe_ICP	1113232	M1C3007	03/29/2011 17:45	Water
M_K_ICP	1113232	M1C3007	03/29/2011 17:45	Water
M_Mg_ICP	1113232	M1C3007	03/29/2011 17:45	Water
M_Mn_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Na_ICP	1113232	M1C3007	03/29/2011 17:45	Water
M_Ni_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Pb_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Sb_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Se_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
M_Tl_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_V_ICPMS	1113234	M1C2903		Water
M_Zn_ICPMS	1113234	M1C2903	03/28/2011 14:50	Water
NH3_Seal	1113180		03/24/2011 14:20	Water
NO2_Seal	1113159		03/24/2011 7:37	Water
NO3_Calculation_Seal	[CALC]		03/28/2011 9:51	Water
NO3_NO2_Seal	1114033		03/28/2011 9:51	Water
pH_Field	1117186		03/23/2011 14:27	Water
pH_Temp_Field				Water
SO4_Turb	1114166		03/30/2011 13:51	Water
TDS	1113158		03/24/2011 8:05	Water
Temp_Fld	1117186		03/23/2011 14:27	Water
Turbidity_50	1113173		03/24/2011 11:58	Water
11C1255-41RE1				
8260B	1114002	M1D0108	04/04/2011 19:17	Water
M_Ag_ICPMS	1113234	M1C2903		Water
M_As_ICPMS	1113234	M1C2903		Water
M_Ba_ICPMS	1113234	M1C2903		Water
M_Be_ICPMS	1113234	M1C2903		Water
M_Cd_ICPMS	1113234	M1C2903		Water
M_Co_ICPMS	1113234	M1C2903		Water
M_Cr_ICPMS	1113234	M1C2903		Water
M_Cu_ICPMS	1113234	M1C2903		Water
M_Mn_ICPMS	1113234	M1C2903		Water
M_Ni_ICPMS	1113234	M1C2903		Water
M_Pb_ICPMS	1113234	M1C2903		Water
M_Sb_ICPMS	1113234	M1C2903		Water
M_Se_ICPMS	1113234	M1C2903		Water
M_Tl_ICPMS	1113234	M1C2903		Water
M_V_ICPMS	1113234	M1C2903		Water
M_Zn_ICPMS	1113234	M1C2903		Water
11C1255-41RE2				
M_V_ICPMS	1113234	M1C3102	03/30/2011 14:53	Water
11C1255-42				
Conductivity_Field	1117186		03/21/2011 14:40	Water
D_Ag_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
D_As_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

D_Ba_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
D_Be_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
D_Ca_ICP	1114154	M1D0402	04/01/2011 14:22	Water
D_Cd_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
D_Cr_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
D_Cu_ICPMS	1114155	M1D0103		Water
D_Fe_ICP	1114154	M1D0402	04/01/2011 14:22	Water
D_K_ICP	1114154	M1D0402	04/01/2011 14:22	Water
D_Mg_ICP	1114154	M1D0402	04/01/2011 14:22	Water
D_Mn_ICPMS	1114155	M1D0103		Water
D_Na_ICP	1114154	M1D0402	04/01/2011 14:22	Water
D_Ni_ICPMS	1114155	M1D0103		Water
D_Pb_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
D_Sb_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
D_Se_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
D_Tl_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
D_V_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
D_Zn_ICPMS	1114155	M1D0103	03/31/2011 14:43	Water
Filter_40	1114153		03/30/2011 11:57	Water
Hg_Dissolved	1114258	M1D0507	04/04/2011 16:59	Water
pH_Field	1117186		03/21/2011 14:40	Water
pH_Temp_Field				Water
Temp_Fld	1117186		03/21/2011 14:40	Water
11C1255-42RE1				
D_Ag_ICPMS	1114155	M1D0103		Water
D_As_ICPMS	1114155	M1D0103		Water
D_Ba_ICPMS	1114155	M1D0103		Water
D_Be_ICPMS	1114155	M1D0103		Water
D_Cd_ICPMS	1114155	M1D0103		Water
D_Cr_ICPMS	1114155	M1D0103		Water
D_Cu_ICPMS	1114155	M1D0103		Water
D_Mn_ICPMS	1114155	M1D0103		Water
D_Ni_ICPMS	1114155	M1D0103		Water
D_Pb_ICPMS	1114155	M1D0103		Water
D_Sb_ICPMS	1114155	M1D0103		Water
D_Se_ICPMS	1114155	M1D0103		Water

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

D_Tl_ICPMS	1114155	M1D0103		Water
D_V_ICPMS	1114155	M1D0103		Water
D_Zn_ICPMS	1114155	M1D0103		Water
11C1255-42RE2				
D_Cu_ICPMS	1114155	M1D0106	03/31/2011 17:18	Water
D_Mn_ICPMS	1114155	M1D0105	03/31/2011 17:38	Water
D_Ni_ICPMS	1114155	M1D0106	03/31/2011 17:18	Water
11C1255-43				
Conductivity_Field	1117186		03/21/2011 13:40	Water
D_Ag_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
D_As_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
D_Ba_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
D_Be_ICPMS	1114155	M1D0103		Water
D_Ca_ICP	1114154	M1D0402	04/01/2011 14:25	Water
D_Cd_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
D_Cr_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
D_Cu_ICPMS	1114155	M1D0103		Water
D_Fe_ICP	1114154	M1D0402	04/01/2011 14:25	Water
D_K_ICP	1114154	M1D0402	04/01/2011 14:25	Water
D_Mg_ICP	1114154	M1D0402	04/01/2011 14:25	Water
D_Mn_ICPMS	1114155	M1D0103		Water
D_Na_ICP	1114154	M1D0402	04/01/2011 14:25	Water
D_Ni_ICPMS	1114155	M1D0103		Water
D_Pb_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
D_Sb_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
D_Se_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
D_Tl_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
D_V_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
D_Zn_ICPMS	1114155	M1D0103	03/31/2011 14:48	Water
Filter_40	1114153		03/30/2011 11:57	Water
Hg_Dissolved	1114258	M1D0507	04/04/2011 17:01	Water
pH_Field	1117186		03/21/2011 13:40	Water
pH_Temp_Field				Water
Temp_Fld	1117186		03/21/2011 13:40	Water
11C1255-43RE1				
D_Be_ICPMS	1114155	M1D0106	03/31/2011 17:23	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

D_Cu_ICPMS	1114155	M1D0106	03/31/2011 17:23	Water
D_Mn_ICPMS	1114155	M1D0106	03/31/2011 17:23	Water
D_Ni_ICPMS	1114155	M1D0106	03/31/2011 17:23	Water

11C1255-44

8260B	1114062	M1C2904		Water
8270C	1114028	M1C3001	03/29/2011 16:47	Water
Alkalinity	1115150		04/15/2011 14:00	Water
Cl_Titration	1116047		04/13/2011 16:29	Water
COD_Total	1114260		04/04/2011 12:02	Water
Conductivity_Field	1117186		03/28/2011 0:00	Water
Hard_ICP_Calc	[CALC]		04/01/2011 14:33	Water
Hg_Total	1114258	M1D0507	04/04/2011 17:03	Water
M_Ag_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_As_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_Ba_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_Be_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_Ca_ICP	1114154	M1D0402	04/01/2011 14:33	Water
M_Cd_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_Co_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_Cr_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_Cu_ICPMS	1114155	M1D0103		Water
M_Fe_ICP	1114154	M1D0402	04/01/2011 14:33	Water
M_K_ICP	1114154	M1D0402	04/01/2011 14:33	Water
M_Mg_ICP	1114154	M1D0402	04/01/2011 14:33	Water
M_Mn_ICPMS	1114155	M1D0103		Water
M_Na_ICP	1114154	M1D0402	04/01/2011 14:33	Water
M_Ni_ICPMS	1114155	M1D0103		Water
M_Pb_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_Sb_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_Se_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_Tl_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_V_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
M_Zn_ICPMS	1114155	M1D0103	03/31/2011 14:53	Water
NH3_Seal	1114199		03/31/2011 13:46	Water
NO2_Seal	1114087		03/29/2011 7:31	Water
NO3_Calculation_Seal	[CALC]		03/29/2011 9:08	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

NO3_NO2_Seal	1114089		03/29/2011 9:08	Water
pH_Field	1117186		03/28/2011 0:00	Water
pH_Temp_Field				Water
SO4_Turb	1114166		03/30/2011 13:51	Water
TDS	1114123		03/30/2011 9:33	Water
Temp_Fld	1117186		03/28/2011 0:00	Water
Turbidity_50	1114067		03/29/2011 14:27	Water
11C1255-44RE1				
8260B	1114002	M1D0108	04/04/2011 20:57	Water
M_Cu_ICPMS	1114155	M1D0106	03/31/2011 17:28	Water
M_Mn_ICPMS	1114155	M1D0106	03/31/2011 17:28	Water
M_Ni_ICPMS	1114155	M1D0106	03/31/2011 17:28	Water
11C1255-45				
Conductivity_Field	1117186		04/01/2011 0:00	Water
D_Ag_ICPMS	1115077	M1D0803	04/07/2011 15:00	Water
D_As_ICPMS	1115077	M1D0803	04/07/2011 15:00	Water
D_Ba_ICPMS	1115077	M1D0803	04/07/2011 15:00	Water
D_Be_ICPMS	1115077	M1D0803		Water
D_Ca_ICP	1115076	M1D0815	04/07/2011 11:04	Water
D_Cd_ICPMS	1115077	M1D0803	04/07/2011 15:00	Water
D_Cr_ICPMS	1115077	M1D0803	04/07/2011 15:00	Water
D_Cu_ICPMS	1115077	M1D0803	04/07/2011 15:00	Water
D_Fe_ICP	1115076	M1D0815	04/07/2011 11:04	Water
D_K_ICP	1115076	M1D0815	04/07/2011 11:04	Water
D_Mg_ICP	1115076	M1D0815	04/07/2011 11:04	Water
D_Mn_ICPMS	1115077	M1D0803		Water
D_Na_ICP	1115076	M1D0815	04/07/2011 13:16	Water
D_Ni_ICPMS	1115077	M1D0803	04/07/2011 15:00	Water
D_Pb_ICPMS	1115077	M1D0803	04/07/2011 15:00	Water
D_Sb_ICPMS	1115077	M1D0803	04/07/2011 15:00	Water
D_Se_ICPMS	1115077	M1D0803		Water
D_Tl_ICPMS	1115077	M1D0803		Water
D_V_ICPMS	1115077	M1D0803		Water
D_Zn_ICPMS	1115077	M1D0803	04/07/2011 15:00	Water
Filter_40	1115050		04/05/2011 12:11	Water
Hg_Dissolved	1115126	M1D0710	04/07/2011 13:31	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

pH_Field	1117186		04/01/2011 0:00	Water
pH_Temp_Field				Water
Temp_Fld	1117186		04/01/2011 0:00	Water
11C1255-45RE1				
D_Be_ICPMS	1115077	M1D0810		Water
D_Mn_ICPMS	1115077	M1D0808	04/07/2011 20:41	Water
D_Se_ICPMS	1115077	M1D0810		Water
D_Tl_ICPMS	1115077	M1D0810		Water
D_V_ICPMS	1115077	M1D0810		Water
11C1255-45RE2				
D_Be_ICPMS	1115077	M1D1303	04/12/2011 19:57	Water
D_Se_ICPMS	1115077	M1D1303	04/12/2011 19:57	Water
D_Tl_ICPMS	1115077	M1D1303	04/12/2011 19:57	Water
D_V_ICPMS	1115077	M1D1303	04/12/2011 19:57	Water
11C1255-46				
Conductivity_Field	1117186		04/01/2011 0:00	Water
D_Ag_ICPMS	1115077	M1D0803	04/07/2011 15:06	Water
D_As_ICPMS	1115077	M1D0803	04/07/2011 15:06	Water
D_Ba_ICPMS	1115077	M1D0803	04/07/2011 15:06	Water
D_Be_ICPMS	1115077	M1D0803		Water
D_Ca_ICP	1115076	M1D0815	04/07/2011 11:08	Water
D_Cd_ICPMS	1115077	M1D0803	04/07/2011 15:06	Water
D_Cr_ICPMS	1115077	M1D0803	04/07/2011 15:06	Water
D_Cu_ICPMS	1115077	M1D0803	04/07/2011 15:06	Water
D_Fe_ICP	1115076	M1D0815	04/07/2011 11:08	Water
D_K_ICP	1115076	M1D0815	04/07/2011 11:08	Water
D_Mg_ICP	1115076	M1D0815	04/07/2011 11:08	Water
D_Mn_ICPMS	1115077	M1D0803		Water
D_Na_ICP	1115076	M1D0815	04/07/2011 13:27	Water
D_Ni_ICPMS	1115077	M1D0803	04/07/2011 15:06	Water
D_Pb_ICPMS	1115077	M1D0803	04/07/2011 15:06	Water
D_Sb_ICPMS	1115077	M1D0803	04/07/2011 15:06	Water
D_Se_ICPMS	1115077	M1D0803		Water
D_Tl_ICPMS	1115077	M1D0803		Water
D_V_ICPMS	1115077	M1D0803		Water
D_Zn_ICPMS	1115077	M1D0803	04/07/2011 15:06	Water

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Filter_40	1115050		04/05/2011 12:11	Water
Hg_Dissolved	1115126	M1D0710	04/07/2011 13:38	Water
pH_Field	1117186		04/01/2011 0:00	Water
pH_Temp_Field				Water
Temp_Fld	1117186		04/01/2011 0:00	Water
11C1255-46RE1				
D_Be_ICPMS	1115077	M1D0810		Water
D_Mn_ICPMS	1115077	M1D0808	04/07/2011 20:46	Water
D_Se_ICPMS	1115077	M1D0810		Water
D_Tl_ICPMS	1115077	M1D0810		Water
D_V_ICPMS	1115077	M1D0810		Water
11C1255-46RE2				
D_Be_ICPMS	1115077	M1D1303	04/12/2011 20:02	Water
D_Se_ICPMS	1115077	M1D1303	04/12/2011 20:02	Water
D_Tl_ICPMS	1115077	M1D1303	04/12/2011 20:02	Water
D_V_ICPMS	1115077	M1D1303	04/12/2011 20:02	Water
11C1255-47				
Conductivity_Field	1117186		04/01/2011 0:00	Water
D_Ag_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_As_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_Ba_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_Be_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_Ca_ICP	1115076	M1D0815	04/07/2011 11:12	Water
D_Cd_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_Cr_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_Cu_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_Fe_ICP	1115076	M1D0815	04/07/2011 13:31	Water
D_K_ICP	1115076	M1D0815	04/07/2011 11:12	Water
D_Mg_ICP	1115076	M1D0815	04/07/2011 11:12	Water
D_Mn_ICPMS	1115077	M1D0803		Water
D_Na_ICP	1115076	M1D0815	04/07/2011 13:31	Water
D_Ni_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_Pb_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_Sb_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_Se_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
D_Tl_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

D_V_ICPMS	1115077	M1D0803		Water
D_Zn_ICPMS	1115077	M1D0803	04/07/2011 15:11	Water
Filter_40	1115050		04/05/2011 12:11	Water
Hg_Dissolved	1115126	M1D0710	04/07/2011 13:40	Water
pH_Field	1117186		04/01/2011 0:00	Water
pH_Temp_Field				Water
Temp_Fld	1117186		04/01/2011 0:00	Water
11C1255-47RE1				
D_Be_ICPMS	1115077	M1D0810		Water
D_Mn_ICPMS	1115077	M1D0808	04/07/2011 20:51	Water
D_Se_ICPMS	1115077	M1D0810		Water
D_Tl_ICPMS	1115077	M1D0810		Water
D_V_ICPMS	1115077	M1D0810		Water
11C1255-47RE2				
D_Be_ICPMS	1115077	M1D1303		Water
D_Se_ICPMS	1115077	M1D1303		Water
D_Tl_ICPMS	1115077	M1D1303		Water
D_V_ICPMS	1115077	M1D1303	04/12/2011 20:07	Water
11C1255-48				
8260B	1115044	M1D0506	04/05/2011 18:53	Water
Alkalinity	1116163		04/14/2011 10:45	Water
Cl_Titration	1116047		04/13/2011 16:29	Water
COD_Total	1115064		04/06/2011 7:54	Water
Conductivity_Field	1117186		04/01/2011 0:00	Water
Hard_ICP_Calc	[CALC]		04/07/2011 11:26	Water
Hg_Total	1115126	M1D0710	04/07/2011 13:42	Water
M_Ag_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_As_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Ba_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Be_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Ca_ICP	1115076	M1D0815	04/07/2011 11:26	Water
M_Cd_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Co_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Cr_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Cu_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Fe_ICP	1115076	M1D0815	04/07/2011 13:53	Water

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

M_K_ICP	1115076	M1D0815	04/07/2011 11:26	Water
M_Mg_ICP	1115076	M1D0815	04/07/2011 11:26	Water
M_Mn_ICPMS	1115077	M1D0803		Water
M_Na_ICP	1115076	M1D0815	04/07/2011 13:53	Water
M_Ni_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Pb_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Sb_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Se_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_Tl_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
M_V_ICPMS	1115077	M1D0803		Water
M_Zn_ICPMS	1115077	M1D0803	04/07/2011 15:37	Water
NH3_Seal	1115016		04/04/2011 14:29	Water
NO2_Seal	1115006		04/01/2011 16:34	Water
NO3_Calculation_Seal	[CALC]		04/04/2011 10:15	Water
NO3_NO2_Seal	1115024		04/04/2011 10:15	Water
pH_Field	1117186		04/01/2011 0:00	Water
pH_Temp_Field				Water
SO4_Turb	1117088		04/20/2011 6:51	Water
TDS	1115210		04/08/2011 7:04	Water
Temp_Fld	1117186		04/01/2011 0:00	Water
Turbidity_50	1114263		04/01/2011 14:45	Water
11C1255-48RE1				
M_Be_ICPMS	1115077	M1D0810		Water
M_Mn_ICPMS	1115077	M1D0808	04/07/2011 20:56	Water
M_Se_ICPMS	1115077	M1D0810		Water
M_Tl_ICPMS	1115077	M1D0810		Water
M_V_ICPMS	1115077	M1D0810		Water
11C1255-48RE2				
M_Be_ICPMS	1115077	M1D1303		Water
M_Se_ICPMS	1115077	M1D1303		Water
M_Tl_ICPMS	1115077	M1D1303		Water
M_V_ICPMS	1115077	M1D1303	04/12/2011 20:12	Water
11C1255-49				
Conductivity_Field	1117186		04/04/2011 9:30	Water
D_Ag_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_As_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

D_Ba_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_Be_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_Ca_ICP	1115076	M1D0815	04/07/2011 11:30	Water
D_Cd_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_Cr_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_Cu_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_Fe_ICP	1115076	M1D0815	04/07/2011 13:57	Water
D_K_ICP	1115076	M1D0815	04/07/2011 11:30	Water
D_Mg_ICP	1115076	M1D0815	04/07/2011 11:30	Water
D_Mn_ICPMS	1115077	M1D0803		Water
D_Na_ICP	1115076	M1D0815	04/07/2011 13:57	Water
D_Ni_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_Pb_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_Sb_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_Se_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_Tl_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
D_V_ICPMS	1115077	M1D0803		Water
D_Zn_ICPMS	1115077	M1D0803	04/07/2011 15:42	Water
Filter_40	1115050		04/05/2011 12:11	Water
Hg_Dissolved	1115126	M1D0710	04/07/2011 13:44	Water
pH_Field	1117186		04/04/2011 9:30	Water
pH_Temp_Field				Water
Temp_Fld	1117186		04/04/2011 9:30	Water
11C1255-49RE1				
D_Be_ICPMS	1115077	M1D0810		Water
D_Mn_ICPMS	1115077	M1D0808	04/07/2011 21:01	Water
D_Se_ICPMS	1115077	M1D0810		Water
D_Tl_ICPMS	1115077	M1D0810		Water
D_V_ICPMS	1115077	M1D0810		Water
11C1255-49RE2				
D_Be_ICPMS	1115077	M1D1303		Water
D_Se_ICPMS	1115077	M1D1303		Water
D_Tl_ICPMS	1115077	M1D1303		Water
D_V_ICPMS	1115077	M1D1303	04/12/2011 20:18	Water
11C1255-50				
Alkalinity	1117009		04/18/2011 10:15	Water

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Conductivity_Field	1117186	04/08/2011	9:25	Water
pH_Field	1117186	04/08/2011	9:25	Water
pH_Temp_Field				Water
Temp_Fld	1117186	04/08/2011	9:25	Water

11C1255-51

Alkalinity	1117009	04/18/2011	10:15	Water
Conductivity_Field	1117186	04/08/2011	8:30	Water
pH_Field	1117186	04/08/2011	8:30	Water
pH_Temp_Field				Water
Temp_Fld	1117186	04/08/2011	8:30	Water

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
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Certifications

Below is a list of certifications maintained by Microbac Laboratories, Inc. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. A complete list of individual analytes pursuant to each certification below is available upon request.

Lab #	Description	Certification Number	Expires
Microbac Laboratories, Inc., Baltimore Division			
A2LA1	A2LA (Biology)	410.02	07/31/2011
A2LA2	A2LA (Environmental)	410.01	07/31/2011
00152	Commonwealth of Virginia	00152	06/30/2011
CPSC	CPSC Testing of Childrens Products and Jewelry	1115	04/30/2011
Pb	Environmental Lead (ELLAP)	410.01	04/30/2011
NJ	New Jersey	NLC110001	06/30/2011
MD-DW	State of Maryland	109	06/30/2011
PA	State of Pennsylvania (NELAC)	007	08/31/2011
USDA	US Department of Agriculture	S-53726	
Microbac Laboratories, Inc., Richmond Division			
150_R	Commonwealth of Virginia (NELAC)	00150	06/30/2011

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Notes and Definitions

R1	Sample Duplicate RPD was out of acceptance limits.
B1	Target analyte detected in method blank at or above reporting limit.
B3	Target analyte detected in method blank at or above reporting limit. The analyte concentration was below the reporting limit.
B4	Target analyte detected in continuing calibration blank at or above reporting limit. Concentration found in the samples was 20 times the concentration found in the blank. No impact on data.
B5	Target analyte detected in continuing calibration blank at or above reporting limit. The analyte concentration was below the reporting limit. No impact on data.
D	Sample Diluted
H1	Sample analyzed past maximum recommended holding time.
J	Analyte concentration is greater than the MDL but less than the reporting limit.
L1	The LCS recovery was above the laboratory acceptance limits. The reported result is estimated.
L2	The LCS recovery was above the laboratory acceptance limits. The target analyte concentration was below the reporting limit. No negative impact on the data.
L3	The LCS recovery was below the laboratory acceptance limits. The reported result is estimated.
M10	The Matrix Spike recovery was biased low.
M3	The matrix spike recovery was biased high, the LCS recovery was acceptable.
M5	The matrix spike recovery was biased low, the reported result is estimated.
B	Analyte is found in method blank.
V1	CCV recovery was above acceptance limits. The concentration was below the reporting limit.
Z10c	The MS/MSD recovery was 0%, samples with simular matrix should be considered estimated.
Z10b	LCS %REC was above acceptance levels, MS, MSD & CCV were acceptable
Z10a	Initial analysis performed within recommended hold-time. Re-analysis performed out of hold with no significant difference between initial results and re-analyses.
Z10	CCB contained 0.0058 mg/L Iron.
V7	Linearity Checks out of acceptance limits; result concentration was within calibration curve.
M6	The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample is disproportionate to the spike level. The LCS recovery is acceptable.

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Greys Landfill	Report: 11C1255
1430 Sparrows Point Blvd	Project Number: Landfill	Reported: 04/27/2011 11:25
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Notes and Definitions

V4	ICV recovery was above acceptance limits. The concentration was below the reporting limit.
Q3	Sample received with improper preservation.
U	Sample concentration is less than the MDL.
S1	Surrogate recovery was above laboratory acceptance limits. No negative impact on the data.
R4	MS/MSD RPD was out of acceptance limits.
R3	Sample Duplicate RPD was out of acceptance limits. The result concentration was within 5 times the reporting limit and the difference was less than the reporting limit.
R2	MS/MSD RPD was out of acceptance limits. Recoveries met acceptance limits.
Z4	COMPLETED
V6	CCV recovery was below acceptance limits. The reported result is estimated.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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Cooler Receipt Log

Cooler ID: 3/21/11 **Cooler Temp:** 20.10 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 3/22/11 **Cooler Temp:** 7.30 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 3/23/11 **Cooler Temp:** 6.40 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 3/28/11 **Cooler Temp:** 3.10 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 3/31/11 **Cooler Temp:** 3.30 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 4/1/11 **Cooler Temp:** 2.10 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 4/4/11 **Cooler Temp:** 7.80 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 4/8/11 **Cooler Temp:** 9.10 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-12D

Lab Sample ID: 11C1255-31
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/21/11 14:40

Analyte	Method	Container	Hold
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: 650 UNITS:	
pH_Field	SM (20) 4500-H B	FIELD RESULTS: 3.86 UNITS:	
M_K_ICP	EPA 200.7/6010B		180
M_Ag_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_Mn_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_Cu_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Cd_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
COD_Total	EPA410.4/HACH8000		28
NO3_NO2_Seal			
NH3_Seal	SM(20)4500NH3-G		28
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
NO2_Seal			
Cl_Titration	SM (20) 4500Cl-C		28
TDS	SM (20) 2540 C		7
Turbidity_50	EPA 180.1		2
SO4_Turb	ASTM D516-02		28
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-12D

Tag: BA 814617 Date of Purging: 3/21/11 Start Time: 14:18 Finish Time: 15:10 Weather: 60° Sun

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	11.96
Depth to Bottom from Top of Casing (0.01 ft.)	-
Depth of Water in the Well (gallon)	-
Volume of water in the Well (gallon)	-
Depth to Water from Top of Casing (0.01 ft.) after purging	12.20

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	13.7	12.8	12.7	12.7	12.8	12.8
pH	3.86	3.85	3.86	3.86	3.86	3.86
Specific Conductance (umhos/cm)	651	652	649	650	650	650
Dissolved Oxygen (mg/l)						
Oxidation Reduction (eH)	656.6	638.3	634.9	637.1	636.1	636.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 3/21/11 . Tech

Sampled by:		Date/Time: 3/21/11 16:20	Received by: Curtis Read
Printed Name:			Printed Name: Curtis Read
Relinquished by:		Date/Time:	Received by:
Printed Name:			Printed Name:

Cooler Temp 20.1 Cooler Number: 626

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-12S

Lab Sample ID: 11C1255-32
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/21/11 13:40

Analyte	Method	Container	Hold
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: 720 UNITS:	
pH_Field	SM (20) 4500-H B	FIELD RESULTS: 4.31 UNITS:	
M_Cr_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Cd_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_Ag_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_K_ICP	EPA 200.7/6010B		180
M_Mg_ICP			
M_Mn_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
COD_Total	EPA410.4/HACH8000		28
NH3_Seal	SM(20)4500NH3-G		28
NO3_NO2_Seal			
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
Cl_Titration	SM (20) 4500Cl-C		28
SO4_Turb	ASTM D516-02		28
TDS	SM (20) 2540 C		7
Turbidity_50	EPA 180.1		2
NO2_Seal			
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-12S

Tag: B0814628 Date of Purging: 3/21/11 Start Time: 13:20 Finish Time: 14:15 Weather: _____

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	7.16
Depth to Bottom from Top of Casing (0.01 ft.)	-
Depth of Water in the Well (gallon)	-
Volume of water in the Well (gallon)	-
Depth to Water from Top of Casing (0.01 ft.) after purging	7.32

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	11.7	11.5	11.5	11.5	11.6	11.5
pH	4.32	4.30	4.30	4.31	4.31	4.31
Specific Conductance (umhos/cm)	736	728	722	719	713	720
Dissolved Oxygen (mg/l)						
Oxidation Reduction (eH)	563.2	568.9	563.5	557.5	547.9	549.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 3 / 21 / 11 . Tech [signature]

Sampled by: [signature] Printed Name:	Date/Time: 3/21/11 16:20	Received by: [signature] Printed Name: Curtis Reed
Relinquished by: Printed Name:	Date/Time:	Received by: Printed Name:

Cooler Temp 20.1 Cooler Number: 626

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well I.D.: GL-12S Tag: BA 81 4628

Date of Purging: 3/21/11 Start Time: 1320 Finish Time: 14:15 Weather: 60 PTSUN
Date of Collection: 3/21/11 Time of Collection: 1340

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	7.16
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	7.32

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	11.7	11.5	11.5	11.5	11.6	11.5
pH	4.32	4.30	4.30	4.31	4.31	4.31
Specific Conductance (umhos/cm)	736	728	722	719	713	720
Dissolved Oxygen (mg/l)						
Oxidation Reduction (eH)	563.2	568.9	563.5	559.5	547.9	549.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 3/21/11. (Tech JD)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: GL-12D Tag: BA 81 4617

Date of Purging: 3/21/11 Start Time: 14:18 Finish Time: 15:10 Weather: 60 PT SUN
Date of Collection: 3/21/11 Time of Collection: 14:40

Well Status:

Good ✓	Grout _____
Good ✓	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	11.96
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	12.20

	0	3	6	9	12	Sample Reading 15
Number of minutes purged						
Temperature (°C)	13.2	12.8	12.7	12.7	12.8	12.9
pH	6.05	3.85	3.86	3.86	3.86	3.86
Specific Conductance (umhos/cm)	3.86	652	649	650	650	650
Dissolved Oxygen (mg/l)						
Oxidation Reduction (eH)	656.6	638.5	634.9	637.1	636.1	636.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 21 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Microbac Laboratories, Inc.
Baltimore Division
2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: Trip Blank

Lab Sample ID: 11C1255-21
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/21/11 8:00

8260B	EPA 8260B		14
	V-40ml VOA Vial HCl to pH <2		

Client Sample ID: Trip Blank

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: [signature]	Date/Time: 3/21/11 14:20	Received by: [signature]
Printed Name:		Printed Name: Curtis READ
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp 20.1 Cooler Number: 626

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1
Client: Several Shell Wells
Form Completed By: ec

Receipt Date / Time: 3/21/11
Work Order #: _____

Shipper:	(Microbac) ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact:	(YES) / NO / NA
Containers Intact:	(YES) / NO
Sample Received on Ice or refrigerated:	(YES) / NO
	Temperature: _____°C or
	Infrared (IR)Temperature: 20.1 °C
Radiation Scan:	(Negative) or _____ mR/hr
Chain of Custody Present with shipment:	(YES) / NO
Sample Bottle IDs agree with COC:	(YES) / NO
Preservation requirements met:	YES / NO / Not Checked
Correct Number of Containers / Sample Volume:	(YES) / No (If No, contact client immediately)
Headspace in container:	YES / NO / (NA)
Type of Sample:	(Water) Soil Wipes Oil Filter Solid Sludge Food Swab Other

Container Type / Quantity:

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___ NaTHIO ___ NaTHIO/EDTA**(Checked at time of Analysis)**
J- ___ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)

Describe preservation requirements not met:

All Acid preserved <2 pH NaOH preserved >12 pH All others >2 and <10 (usually 4-8)

Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies: _____

Contact information / Summary of Actions:

Date / Time: _____ Contact: _____ Contact By: _____
Comments: _____

Microbac

Baltimore Division
Baltimore, MD 21224
Tel: 410-633-1800
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www.microbac.com

Sample Submittal
Chain of Custody Record

Work Order Number: 11G255

Page ____ of ____

Client Name Severnstal	Project LAND FILL	Turnaround Time (Required)	QC and EDD Type (Required)
Address	Location	[ ] Standard	[ ] Level I (NAC) [ ] EDD
City, State, Zip	PO #	[ ] RUSH* (notify lab)	[ ] Level II ** Format:
Contact	MDE Drinking Water Certified Sampler? YES / NO	_____ (needed by)	[ ] Level III ** Comments:
Telephone #	Certification #		[ ] Level IV **

Sampled by (PRINT) Terry Haggerty Sampler Signature _____ Sampler Phone # _____

Send Report via [ ] e-mail (address) _____ [ ] Mail [ ] Telephone [ ] Fax (fax #) _____

* **Matrix Types:** Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analysis	Comments
GL-10S		X			3/22/11	14:35	6		
GL-10D		X				13:40	6		
GL-14D		X				12:19	7		
GL-14S		X				11:18	7		
GL-13S		X				10:27	7		
GL 13D		X				9:35	7		

Possible Hazard Identification [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive **Sample Disposition** [ ] Dispose as appropriate [ ] Return [ ] Archive

	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
Number of Containers:	Terry H		3/22/11 1600	Melanie Dunpkin MG	
Cooler Number: 626	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
Temp upon receipt(°C): 7.3					
Sample Received on Ice or Refrigerated from Client: (Yes) / No	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received for Lab By (signature)	Printed Name/Affiliation

** Surcharge May Apply to add'l QC Packages ** WHITE - LAB YELLOW - REPORT Page 1 2

501 11.23

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: GL-10S Tag: _____

Date of Purging: 3/22/11 Start Time: 14:15 Finish Time: 15:10 Weather: 50°F OVER CAST
Date of Collection: 3/22/11 Time of Collection: 14:35

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	8.21
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	8.31

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	12.7	12.8	12.7	12.6	12.6	12.6
pH	6.07	5.99	5.92	5.91	5.91	5.91
Specific Conductance (umhos/cm)	372	375	371	3.80	3.78	3.77
Dissolved Oxygen (mg/l)	2.71	2.76	2.76	2.69	2.65	2.67
Oxidation Reduction (eH)	292.6	284.9	280.1	267.2	266.7	266.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3/22/11. (Tech – TO)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well I.D.: G1-10 D Tag: _____

Date of Purging: 3/22/11 Start Time: 13:06 Finish Time: 14:10 Weather: 50° overcast
Date of Collection: 3/22/11 Time of Collection: 13:40

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	20.95
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	20.96

	0	3	6	9	12	Sample Reading	Sample Reading
Number of minutes purged							18
Temperature (°C)	14.8	14.7	14.7	14.8	14.6	14.8	14.8
pH	6.57	6.57	6.57	6.56	6.56	6.56	6.56
Specific Conductance (umhos/cm)	297	298	300	298	295	293	293
Dissolved Oxygen (mg/l)	3.40	3.38	3.15	3.16	2.93	3.60	3.65
Oxidation Reduction (eH)	256.3	241.9	218.6	211.6	196.3	188.9	188.7

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling ____/____/____. (Tech –)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well I.D.: G114D Tag: _____

Date of Purging: 3/22/11 Start Time: 12:00 Finish Time: 12:50 Weather: 50°F overcast
Date of Collection: 3/22/11 Time of Collection: 12:19

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	19.20
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	19.24

	0	3	6	9	12	Sample Reading
Number of minutes purged						
Temperature (°C)	14.0	14.1	14.1	14.1	14.1	14.1
pH	6.48	6.56	6.58	6.59	6.59	6.59
Specific Conductance (umhos/cm)	294	292	294	295	294	294
Dissolved Oxygen (mg/l)	6.30	6.31	6.30	6.29	6.29	6.29
Oxidation Reduction (eH)	524.7	525.9	540.1	542.1	542.6	542.5

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 22 / 11. (Tech – TC)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: G-14 S Tag: _____

Date of Purging: 3/22/11 Start Time: 11:00 Finish Time: 11:54 Weather: 50° Overcast
Date of Collection: 3/22/11 Time of Collection: 11:18

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.26
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	5.48 TC

	0	3	6	9	12	Sample Reading
Number of minutes purged						
Temperature (°C)	9.3	9.3	9.0	9.0	8.9	8.9
pH	5.53	5.13	5.37	5.39	5.40	5.40
Specific Conductance (umhos/cm)	138	138	134	132	132	132
Dissolved Oxygen (mg/l)	3.10	3.05	3.06	3.10	3.10	3.10
Oxidation Reduction (eH)						

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 22 / 11. (Tech – TK)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: G-135 Tag: _____

Date of Purging: 3/22/11 Start Time: 10:05 Finish Time: 10:55 Weather: 52° Cloudy
Date of Collection: 3/22/11 Time of Collection: 10:27

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	4.40
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	4.42

	0	3	6	9	12	Sample Reading
Number of minutes purged						15
Temperature (°C)	9.4	9.0	8.9	8.9	8.8	8.9
pH	6.31	6.29	6.29	6.30	6.38	6.40
Specific Conductance (umhos/cm)	828	852	849	846	851	850
Dissolved Oxygen (mg/l)	4.26	4.26	4.25	4.26	4.27	4.55
Oxidation Reduction (eH)						

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling ____/____/____. (Tech –)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well I.D.: G 13 D Tag: _____

Date of Purging: 3/22/11 Start Time: 9:00 Finish Time: 10:00 Weather: 50°F Overcast
Date of Collection: 3/22/11 Time of Collection: 9:35

Well Status:

Good	✓	Grout	_____
Good	✓	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	18.90
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	18.90

	0	3	6	9	12	Sample Reading
Number of minutes purged						
Temperature (°C)	13.2	13.3	13.3	13.3	13.3	13.3
pH	6.73	6.33	6.38	6.38	6.37	6.37
Specific Conductance (umhos/cm)	1690	1735	1740	1735	1739	1739
Dissolved Oxygen (mg/l)	4.63	4.42	4.41	4.40	4.40	4.40
Oxidation Reduction (eH)						

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 22 / 11. (Tech – TO)

HQN:groundisg.doc.white

1365

Microbac Laboratories, Inc.
Baltimore Division
2101 Van Deman Street • Baltimore, MD 21224
Phone: 410-633-1800
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www.microbac.com

CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: Trip Blank

Lab Sample ID: 11C1255-22
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/22/11 7:30

Analysis	Method	Container	Hold
8260B	EPA 8260B	V-40ml VOA Vial HCl to pH <2	14

Client Sample ID: Trip Blank

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: Tech Printed Name:	Date/Time: 3/22/11 16:00	Received by: Melanie Dunajewski Printed Name: ML
Relinquished by: Printed Name:	Date/Time:	Received by: Printed Name:

Cooler Temp _____ Cooler Number: _____

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1
Client: Secestal
Form Completed By: ar

Receipt Date / Time: 3/22/11 1600
Work Order #: _____

Shipper:	☒ Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact:	YES / NO / NA
Containers Intact:	YES / NO
Sample Received on Ice or refrigerated:	YES / NO Temperature: _____ °C or Infrared (IR) Temperature: 7.3 °C
Radiation Scan:	☒ Negative or _____ mR/hr
Chain of Custody Present with shipment:	YES / NO
Sample Bottle IDs agree with COC:	YES / NO
Preservation requirements met:	YES / NO / Not Checked
Correct Number of Containers / Sample Volume:	YES / No (If No, contact client immediately)
Headspace in container:	YES / NO / NA
Type of Sample:	Water Soil Wipes Oil Filter Solid Sludge Food Swab Other

***Container Type / Quantity*:**

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___ NaTHIO ___ NaTHIO/EDTA **(Checked at time of Analysis)**
J- ___ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies: _____

Contact information / Summary of Actions: _____

Date / Time: _____ Contact: _____ Contact By: _____
Comments: _____

Microbac Laboratories, Inc.
Baltimore Division
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Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-11D

Lab Sample ID: 11C1255-09
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/23/11 9:25

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS: 11.44 UNITS:	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: 622 UNITS:	
M_Co_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_Cd_ICPMS	EPA 200.8/6020		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Zn_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_K_ICP	EPA 200.7/6010B		180
M_Mg_ICP			
M_Se_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NH3_Seal	SM(20)4500NH3-G		28
COD_Total	EPA410.4/HACH8000		28
NO3_NO2_Seal			
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
Cl_Titration	SM (20) 4500Cl-C		28
SO4_Turb	ASTM D516-02		28
Turbidity_50	EPA 180.1		2
TDS	SM (20) 2540 C		7
NO2_Seal			
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-11D

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: [signature]	Date/Time: 3/23/11 15:30	Received by: [signature]
Printed Name:		Printed Name: Curtis Read
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp _____ Cooler Number: _____

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: GL-11 D Tag: _____

Date of Purging: 3/23/11 Start Time: 9:00 Finish Time: 10:00 Weather: 41 °F OVER CAST
Date of Collection: 3/23/11 Time of Collection: 9:25

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	19.88
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	19.90

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	12.8	12.8	12.8	12.8	12.8	12.8
pH	11.44	11.45	11.44	11.45	11.44	11.44
Specific Conductance (umhos/cm)	3620	623	623	623	622	622
Dissolved Oxygen (mg/l)	2.70	2.70	2.73	2.73	2.72	2.72
Oxidation Reduction (eH)	357.6	357.6	357.8	356.3	356.4	356.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color CLEAR

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 23 / 11. (Tech – TA)

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-09 PZM016

Lab Sample ID: 11C1255-08
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/23/11 11:16

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS: 6.78 UNITS:	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: 2350 UNITS:	
M_Na_ICP	EPA 200.7/6010B		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_Sb_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Ba_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_K_ICP	EPA 200.7/6010B		180
M_Cd_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
COD_Total	EPA410.4/HACH8000		28
NO3_NO2_Seal			
NH3_Seal	SM(20)4500NH3-G		28
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
SO4_Turb	ASTM D516-02		28
NO2_Seal			
Turbidity_50	EPA 180.1		2
TDS	SM (20) 2540 C		7
Cl_Titration	SM (20) 4500Cl-C		28
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-09 PZM016

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: Tam H	Date/Time: 3/23/11 1513	Received by: Curtis Pond
Printed Name:		Printed Name: Curtis Read
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp _____ Cooler Number: _____

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: G109D Tag: _____

Date of Purging: 3/23/11 Start Time: 11:00 Finish Time: 11:40 Weather: 41° OVER CAST
Date of Collection: 3/23/11 Time of Collection: 11:16

Well Status:

Good	_____	Grout	CRACKED
Good	✓	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	9.80
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	9.95

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	13.1	13.0	13.0	13.0	13.0	13.0
pH	6.79	6.73	6.73	6.72	6.75	6.78
Specific Conductance (umhos/cm)	2340	2340	2340	2350	2350	2350
Dissolved Oxygen (mg/l)	1.63	1.63	1.62	1.60	1.61	1.62
Oxidation Reduction (eH)	184.6	178.1	178.1	178.4	178.4	178.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color CLEAR

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling_____/_____/_____. (Tech –)

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-09 PZP001

Lab Sample ID: 11C1255-07
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/23/11 12:05

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS: 10.60 UNITS:	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: 2093 UNITS:	
M_K_ICP	EPA 200.7/6010B		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
Hg_Total	EPA 245.1/7470A		28
M_Ag_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Cd_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_Sb_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NO3_NO2_Seal			
NH3_Seal	SM(20)4500NH3-G		28
COD_Total	EPA410.4/HACH8000		28
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
Turbidity_50	EPA 180.1		2
Cl_Titration	SM (20) 4500Cl-C		28
NO2_Seal			
SO4_Turb	ASTM D516-02		28
TDS	SM (20) 2540 C		7
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-09 PZP001

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: [signature]	Date/Time: 3/25/11 1530	Received by: [signature]
Printed Name:		Printed Name: Curtis Read
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp _____ Cooler Number: _____

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: GL 095 Tag: _____

Date of Purging: 3/23/11 Start Time: 11:45 Finish Time: 1240 Weather: 41°F Overcast
Date of Collection: 3/23/11 Time of Collection: 12:05

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	4.54
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	4.57

	0	3	6	9	12	Sample Reading
Number of minutes purged						
Temperature (°C)	10.4	10.4	10.3	10.3	10.3	10.3
pH	10.65	10.65	10.60	10.60	10.60	10.60
Specific Conductance (umhos/cm)	2095	2094	2093	2093	2093	2093
Dissolved Oxygen (mg/l)	1.40	1.45	1.44	1.44	1.49	1.49
Oxidation Reduction (eH)	121.6	124.5	124.1	124.2	124.2	124.2

Purging Equipment
Peristaltic Pump _____
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling_____/_____/_____. (Tech –)

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Sample Submittal
Chain of Custody Record

Work Order Number:

Page ____ of ____

Client Name Severstal	Project Landfill	Turnaround Time (Required)	QC and EDD Type (Required)
Address	Location	[ ] Standard	[ ] Level I (NAC) [ ] EDD
City, State, Zip	PO #	[ ] RUSH* (notify lab)	[ ] Level II ** Format:
Contact	MDE Drinking Water Certified Sampler? YES / NO	(needed by)	[ ] Level III ** Comments:
Telephone #	Certification #		[ ] Level IV **

Sampled by (PRINT) _____ Sampler Signature _____ Sampler Phone # _____

Send Report via [ ] e-mail (address) _____ [ ] Mail [ ] Telephone [ ] Fax (fax #) _____

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected / Time	Time Collected / Date	No. of Containers	Requested Analysis	Comments
GL 11 S		X			10:26	3/23/11	6		
GL-08 D		X			13:36	3/23/11	6		
GL-08 S		X			14:27	3/23/11	6		

Possible Hazard Identification [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive Sample Disposition [ ] Dispose as appropriate [ ] Return [ ] Archive

Number of Containers: Cooler Number: Temp upon receipt(°C): Sample Received on Ice or Refrigerated from Client: Yes / No	Relinquished By (signature)	Printed Name/Affiliation	Date/Time 3-23-11 1530	Received By (signature)	Printed Name/Affiliation
	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
	Relinquished By (signature)	Printed Name/Affiliation	Date/Time	Received for Lab By (signature)	Printed Name/Affiliation

** Surcharge May Apply to add'l QC Packages **

WHITE - LAB YELLOW - REPORT

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: GL 085 Tag: _____

Date of Purging: 3/23/11 Start Time: 14:10 Finish Time: ~~15:00~~ 1500 Weather: 41°F Lt. Rain
Date of Collection: 3/23/11 Time of Collection: ~~15:00~~ 14:27

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	4.09
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	4.12

	0	3	6	9	12	Sample Reading
Number of minutes purged						
Temperature (°C)	10.8	10.8	10.8	10.7	10.7	10.7
pH	11.30	11.30	11.36	11.31	11.31	11.30
Specific Conductance (umhos/cm)	248	249	249	248	248	248
Dissolved Oxygen (mg/l)	3.71	3.79	3.69	3.63	3.65	3.66
Oxidation Reduction (eH)	206.2	206.1	206.7	206.7	206.7	206.7

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor ~~none~~ GAS SMELL
Color CLEAR

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 23 / 11. (Tech – TA)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: GL 11 S Tag: _____

Date of Purging: 3/23/11 Start Time: 10:05 Finish Time: 10:50 Weather: 41 OF OVER CAST
Date of Collection: 3/23/11 Time of Collection: 10:26

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	7.88
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	7.92

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	12.2	12.2	12.0	12.1	12.2	12.2
pH	4.53	4.57	4.56	4.56	4.56	4.58
Specific Conductance (umhos/cm)	650	650	658	650	650	650
Dissolved Oxygen (mg/l)	2.39	2.37	2.37	2.37	2.37	2.39
Oxidation Reduction (eH)	490.8	490.6	490.6	490.7	490.7	490.9

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color CLEAR

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 23 / 11. (Tech – TH)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: GL-08D Tag: _____

Date of Purging: 3/23/11 Start Time: 13:20 Finish Time: 14:00 Weather: 40°F LT RAIN
Date of Collection: 3/23/11 Time of Collection: 13:36

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	16.00
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	17.21

	0	3	6	9	12	Sample Reading
Number of minutes purged						
Temperature (°C)	13.0	13.1	13.7	13.7	13.7	13.7
pH	4.01	4.01	6.30	6.32	6.31	6.31
Specific Conductance (umhos/cm)	4010	3790	3760	3763	3762	3762
Dissolved Oxygen (mg/l)	3.84	3.81	3.81	3.77	3.76	3.76
Oxidation Reduction (eH)	140.2	142.3	131.5	131.6	131.4	131.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color N. Clear

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling_____/_____/_____. (Tech –)

HQN:groundisg.doc.white

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1 Receipt Date / Time: 3-23-11 1530
Client: Severstal Work Order #
Form Completed By:

Shipper: ☐ Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact: YES / NO / NA
Containers Intact: YES / NO
Sample Received on Ice or refrigerated: YES / NO
Temperature: ____°C or
Infrared (IR)Temperature: 6.4 °C

Radiation Scan: Negative or ____ mR/hr
Chain of Custody Present with shipment: YES / NO
Sample Bottle IDs agree with COC: YES / NO
Preservation requirements met: YES / NO / Not Checked
Correct Number of Containers / Sample Volume: YES / No (If No, contact client immediately)
Headspace in container: YES / NO / NA
Type of Sample: Water Soil Wipes Oil Filter Solid Sludge Food Swab Other ____

Container Type / Quantity:

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___NaTHIO ___NaTHIO/EDTA**(Checked at time of Analysis)**
J- ____ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID: ____ H_2SO_4 HNO_3 NaOH ____ mls added
Sample ID: ____ H_2SO_4 HNO_3 NaOH ____ mls added
Sample ID: ____ H_2SO_4 HNO_3 NaOH ____ mls added
Sample ID: ____ H_2SO_4 HNO_3 NaOH ____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies:

Contact information / Summary of Actions:

Date / Time: Contact: Contact By:
Comments:

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Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-03S

Lab Sample ID: 11C1255-03
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/25/11 9:50

Analysis	Method	Container	Hold
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
M_Co_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_K_ICP	EPA 200.7/6010B		180
M_Ag_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_Pb_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Cd_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_Fe_ICP	EPA 200.7/6010B		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
COD_Total	EPA410.4/HACH8000		28
NH3_Seal	SM(20)4500NH3-G		28
NO3_NO2_Seal			
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
TDS	SM (20) 2540 C		7
Cl_Titration	SM (20) 4500Cl-C		28
Turbidity_50	EPA 180.1		2
NO2_Seal			
SO4_Turb	ASTM D516-02		28
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-03S

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: [signature]	Date/Time: 3/28/11 1530	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp 3.1 Cooler Number: 626

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well I.D.: G103S Tag: _____

Date of Purging: 3/28/11 Start Time: 9135 Finish Time: 11310 Weather: 32°F sunny
Date of Collection: 3/28/11 Time of Collection: 9:50

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.55
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	6.29

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	9.9	9.9	9.9	10.1	10.1	10.1
pH	11.97	12.02	12.00	12.02	12.00	12.00
Specific Conductance (umhos/cm)	1409	1420	1415	1410	1410	1410
Dissolved Oxygen (mg/l)	1.31	1.03	1.10	1.01	0.98	0.97
Oxidation Reduction (eH)	162.1	138.0	137.4	125.1	125.9	125.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 28 / 11. (Tech – TH)

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CHAIN OF CUSTODY

11C1255

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

Date Scheduled: 03/21/11

Client Sample ID: Trip Blank

Lab Sample ID: 11C1255-23
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/28/11 7:50

Analysis	Method	Container	Hold
8260B	EPA 8260B	V-40ml VOA Vial HCl to pH <2	14

Client Sample ID: Trip Blank

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by:	Date/Time:	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp _____ Cooler Number: _____

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-18S

Lab Sample ID: 11C1255-16
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/28/11 11:35

Analysis	Method	Container	Hold
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
M_Sb_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_K_ICP	EPA 200.7/6010B		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_Cr_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_As_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Cd_ICPMS	EPA 200.8/6020		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_Na_ICP	EPA 200.7/6010B		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NO3_NO2_Seal			
COD_Total	EPA410.4/HACH8000		28
NH3_Seal	SM(20)4500NH3-G		28
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
Cl_Titration	SM (20) 4500Cl-C		28
TDS	SM (20) 2540 C		7
NO2_Seal			
SO4_Turb	ASTM D516-02		28
Turbidity_50	EPA 180.1		2
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

11C1255

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

Date Scheduled: 03/21/11

Client Sample ID: GL-18S

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: [signature]	Date/Time: 3/28/11 1530	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp 3.1 Cooler Number: 626

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: G118 S Tag: _____

Date of Purging: 3/28/11 Start Time: 11:40 Finish Time: 12:27 Weather: 32°F sunny
Date of Collection: 3/28/11 Time of Collection: 11:55

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	7.13
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	7.46

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	12.1	12.3	12.1	12.1	12.1	12.1
pH	10.99	11.00	11.00	11.00	11.00	11.00
Specific Conductance (umhos/cm)	2,280	2280	2281	2281	2281	2281
Dissolved Oxygen (mg/l)	3.41	3.41	3.45	3.46	3.45	3.45
Oxidation Reduction (eH)	160	171	160	160	161	161

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor Yes Gas smell / 0.1
Color _____

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 /28 /11. (Tech – TW)

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-18D

Lab Sample ID: 11C1255-17
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/28/11 12:45

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS:_____ UNITS:_____	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS:_____ UNITS:_____	
M_Mn_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_K_ICP	EPA 200.7/6010B		180
M_Fe_ICP	EPA 200.7/6010B		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_As_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Zn_ICPMS	EPA 200.8/6020		180
M_Cd_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NH3_Seal	SM(20)4500NH3-G		28
COD_Total	EPA410.4/HACH8000		28
NO3_NO2_Seal			
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
Turbidity_50	EPA 180.1		2
NO2_Seal			
SO4_Turb	ASTM D516-02		28
TDS	SM (20) 2540 C		7
Cl_Titration	SM (20) 4500Cl-C		28
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-18D

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: [signature]	Date/Time: 3/28/11 1530	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp 3.1 Cooler Number: 626

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: GI 18 D Tag: _____

Date of Purging: 3/28/11 Start Time: 12:30 Finish Time: _____ Weather: 32°F SNW
Date of Collection: 3/28/11 Time of Collection: 12:45

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	19.20
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	19.25

	0	3	6	9	12	Sample Reading
Number of minutes purged						
Temperature (°C)	14.3	14.3	14.3	14.3	14.3	14.3
pH	6.51	6.51	6.50	6.50	6.50	6.50
Specific Conductance (umhos/cm)	5500	5510	5510	5510	5510	5510
Dissolved Oxygen (mg/l)	2.11	2.19	2.19	2.18	2.18	2.18
Oxidation Reduction (eH)	129.2	130.2	124.2	124.1	124.0	124.0

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge _____ milliliters / minute

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 28 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-03D

Lab Sample ID: 11C1255-04
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/28/11 8:50

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
M_Cd_ICPMS	EPA 200.8/6020		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Be_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_K_ICP	EPA 200.7/6010B		180
M_Na_ICP	EPA 200.7/6010B		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_Se_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NO3_NO2_Seal			
COD_Total	EPA410.4/HACH8000		28
NH3_Seal	SM(20)4500NH3-G		28
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
TDS	SM (20) 2540 C		7
NO2_Seal			
SO4_Turb	ASTM D516-02		28
Turbidity_50	EPA 180.1		2
Cl_Titration	SM (20) 4500Cl-C		28
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-03D

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: [signature]	Date/Time: 3/28/11 1530	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp 3.1 Cooler Number: 626

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: G1-03 D Tag: _____

Date of Purging: 3/28/11 Start Time: 8:35 Finish Time: 9:30 Weather: 32°F snow
Date of Collection: 3/28/11 Time of Collection: 8:50

Well Status:

Good	_____	Grout	_____
Good	✓	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.90
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.73

	0	3	6	9	12	Sample Reading
Number of minutes purged						
Temperature (°C)	11.3	11.8	11.9	11.9	11.8	11.8
pH	8.11	8.10	8.11	8.11	8.10	8.10
Specific Conductance (umhos/cm)	1793	1793	1799	1799	1798	1798
Dissolved Oxygen (mg/l)	2.41	2.41	2.38	2.38	2.35	2.36
Oxidation Reduction (eH)	401.9	401.7	325.8	326.9	326.1	326.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor ✓ NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 28 / 11. (Tech – TEO)

HQN:groundisg.doc.white

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1 Receipt Date / Time: 3-28-11
Client: Severstal Work Order #
Form Completed By: CWD

Shipper: Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact: YES / NO / NA
Containers Intact: YES / NO
Sample Received on Ice or refrigerated: YES / NO
Temperature: °C or
Infrared (IR)Temperature: 3.1 °C

Radiation Scan: Negative or mR/hr
Chain of Custody Present with shipment: YES / NO
Sample Bottle IDs agree with COC: YES / NO
Preservation requirements met: YES / NO / Not Checked
Correct Number of Containers / Sample Volume: YES / No (If No, contact client immediately)
Headspace in container: YES / NO / NA
Type of Sample: Water Soil Wipes Oil Filter Solid Sludge Food Swab Other

***Container Type / Quantity*:**

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___ NaTHIO NaTHIO/EDTA**(Checked at time of Analysis)**
J- ____ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID: H_2SO_4 HNO_3 NaOH mls added
Sample ID: H_2SO_4 HNO_3 NaOH mls added
Sample ID: H_2SO_4 HNO_3 NaOH mls added
Sample ID: H_2SO_4 HNO_3 NaOH mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies:

Contact information / Summary of Actions:

Date / Time: Contact: Contact By:
Comments:

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CHAIN OF CUSTODY

11C1255

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

Date Scheduled: 03/21/11

Client Sample ID: TS01 PDM007

Lab Sample ID: 11C1255-20
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/31/11 10:02

Analysis	Method	Container	Hold
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
M_Se_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Cd_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
Hg_Total	EPA 245.1/7470A		28
M_Ag_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_K_ICP	EPA 200.7/6010B		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_V_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
COD_Total	EPA410.4/HACH8000		28
NH3_Seal	SM(20)4500NH3-G		28
NO3_NO2_Seal			
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
NO2_Seal			
SO4_Turb	ASTM D516-02		28
TDS	SM (20) 2540 C		7
Turbidity_50	EPA 180.1		2
Cl_Titration	SM (20) 4500Cl-C		28
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well **I.D.**: TB 01 PD Tag: _____

Date of Purging: 3/31/11 Start Time: 9:47 Finish Time: 11.00 Weather: 41 it RAIN
Date of Collection: 3/31/11 Time of Collection: 10:02

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	18.78
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	18.85

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	13.4	13.2	13.0	13.0	13.0	13.0
pH	11.49	11.40	11.37	11.37	11.37	11.37
Specific Conductance (umhos/cm)	12.30	12.21	12.22	12.21	12.21	12.21
Dissolved Oxygen (mg/l)	4.30	4.26	4.00	4.01	4.00	4.00
Oxidation Reduction (eH)	23.8	23.0	22.9	22.8	22.9	22.9

NO Dec 1221

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color CLEAR

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 /31 /11. (Tech – TH)

HQN:groundisg.doc.white

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: TS01 PDM007

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: [signature]	Date/Time: 3/31/11 1400	Received by: [signature]
Printed Name:		Printed Name: MCL
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp 3.3 Cooler Number: 626

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-17S

Lab Sample ID: 11C1255-14
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/31/11 11:20

Analysis	Method	Container	Hold
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS:_____	
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS:_____	
M_Tl_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Cd_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Pb_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_K_ICP	EPA 200.7/6010B		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
Hg_Total	EPA 245.1/7470A		28
M_Ag_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NO3_NO2_Seal			
NH3_Seal	SM(20)4500NH3-G		28
COD_Total	EPA410.4/HACH8000		28
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
Turbidity_50	EPA 180.1		2
NO2_Seal			
Cl_Titration	SM (20) 4500Cl-C		28
SO4_Turb	ASTM D516-02		28
TDS	SM (20) 2540 C		7
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-17S

Tag: _____ Date of Purging: _____ Start Time: _____ Finish Time: _____ Weather: _____

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	_____
Depth of Water in the Well (gallon)	_____
Volume of water in the Well (gallon)	_____
Depth to Water from Top of Casing (0.01 ft.) after purging	_____

						Sample Reading
Number of minutes purged	_____	_____	_____	_____	_____	_____
Temperature (°C)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Specific Conductance (umhos/cm)	_____	_____	_____	_____	_____	_____
Dissolved Oxygen (mg/l)	_____	_____	_____	_____	_____	_____
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump
Bladder Pump

Well Observation
Odor
Color

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech _____

Sampled by: [signature]	Date/Time: 3/31/11 1400	Received by: [signature]
Printed Name:		Printed Name: MU
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp 5.3 Cooler Number: 626

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well I.D.: G-117S Tag: _____

Date of Purging: 3/31/11 Start Time: 11:05 Finish Time: 12:00 Weather: 40 IC, RAIN
Date of Collection: 3/31/11 Time of Collection: 11:20

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.17
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.21

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	12.5	12.0	12.0	12.0	12.0	12.0
pH	10.84	10.60	10.60	10.57	10.55	10.55
Specific Conductance (umhos/cm)	2920	2910	2910	2911	2911	2911
Dissolved Oxygen (mg/l)	0.34	0.35	0.34	0.31	0.31	0.31
Oxidation Reduction (eH)	187.1	181.1	181.3	181.1	181.1	181.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling_____/_____/_____. (Tech –)

HQN:groundisg.doc.white

Microbac

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Sample Submittal
Chain of Custody Record

Work Order Number:

Page ____ of ____

Client Name Severstal	**Project** Land fill	**Turnaround Time (Required)**	**QC and EDD Type (Required)**
Address	**Location**	[ ] Standard	[ ] Level I (NAC) [ ] EDD
City, State, Zip	**PO #**	[ ] RUSH* (notify lab)	[ ] Level II ** Format:
Contact	MDE Drinking Water Certified Sampler? YES / NO	(needed by)	[ ] Level III ** Comments:
Telephone #	Certification #		[ ] Level IV **

Sampled by (PRINT) Terry H **Sampler Signature** _____ **Sampler Phone #** _____

Send Report via [ ] e-mail (address) _____ [ ] Mail [ ] Telephone [ ] Fax (fax #) _____

* **Matrix Types:** Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analysis	Comments
G/17 D		X			3/31/11	12:20	7		

Possible Hazard Identification [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive **Sample Disposition** [ ] Dispose as appropriate [ ] Return [ ] Archive

mber of Containers:	**Relinquished By (signature)**	**Printed Name/Affiliation**	**Date/Time**	**Received By (signature)**	**Printed Name/Affiliation**
oler Number: **mp upon receipt(°C):**	**Relinquished By (signature)**	**Printed Name/Affiliation**	**Date/Time**	**Received By (signature)**	**Printed Name/Affiliation**
mple Received on ice or Refrigerated from Client: Yes / No	**Relinquished By (signature)**	**Printed Name/Affiliation**	**Date/Time**	**Received for Lab By (signature)**	**Printed Name/Affiliation**

** Surcharge May Apply to add'l QC Packages **

WHITE - LAB YELLOW - REPORT

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: SEVERSTAL Site: Sparrows Point, MD
Well I.D.: G/17 D Tag: _____

Date of Purging: 3/31/11 Start Time: 12:05 Finish Time: 13:05 Weather: lt RAIN 40
Date of Collection: 3/31/11 Time of Collection: 12:20

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	20.61
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	20.61

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	12.1	12.1	12.1	12.1	12.1	12.1
pH	6650	8.28	8.20	8.21	8.21	8.21
Specific Conductance (umhos/cm)	8.28	6650	6650	6650	6650	6650
Dissolved Oxygen (mg/l)	1.41	1.40	1.41	1.41	1.41	1.41
Oxidation Reduction (eH)	291.1	291.1	291.3	291.1	291.1	291.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Color

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 3 / 31 / 11. (Tech TH)

HQN:groundisg.doc.white

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1
Client: Severstal / Caudill
Form Completed By:

Receipt Date / Time: 3/31/11 1400
Work Order #:

Shipper:	☑ Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact:	YES / NO / NA
Containers Intact:	YES / NO
Sample Received on Ice or refrigerated:	YES / NO Temperature: _____ °C or Infrared (IR)Temperature: 3.3 °C
Radiation Scan:	☑ Negative or _____ mR/hr
Chain of Custody Present with shipment:	YES / NO
Sample Bottle IDs agree with COC:	YES / NO
Preservation requirements met:	YES / NO / Not Checked
Correct Number of Containers / Sample Volume:	YES / No (If No, contact client immediately)
Headspace in container:	YES / NO / NA
Type of Sample:	Water Soil Wipes Oil Filter Solid Sludge Food Swab Other _____

***Container Type / Quantity*:**

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___NaTHIO ___NaTHIO/EDTA**(Checked at time of Analysis)**
J- ____ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies: _____

Contact information / Summary of Actions:

Date / Time: _____ Contact: _____ Contact By: _____
Comments: _____

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Fax: 410-633-6553
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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-16S

Lab Sample ID: 11C1255-12
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 4/1/11 11:20

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
M_Pb_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Mg_ICP			
M_K_ICP	EPA 200.7/6010B		180
M_Fe_ICP	EPA 200.7/6010B		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Cd_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Co_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_As_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NH3_Seal	SM(20)4500NH3-G		28
COD_Total	EPA410.4/HACH8000		28
NO3_NO2_Seal			
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
Cl_Titration	SM (20) 4500Cl-C		28
TDS	SM (20) 2540 C		7
SO4_Turb	ASTM D516-02		28
Turbidity_50	EPA 180.1		2
NO2_Seal			
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-16S

Tag: - Date of Purging: 4/1/11 Start Time: 11:05 Finish Time: 11:55 Weather: Lt Rain

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	14.70
Depth to Bottom from Top of Casing (0.01 ft.)	-
Depth of Water in the Well (gallon)	-
Volume of water in the Well (gallon)	-
Depth to Water from Top of Casing (0.01 ft.) after purging	14.70

	0	3	6	9	12	Sample Reading 15
Number of minutes purged						
Temperature (°C)	13.4	13.4	13.2	13.2	13.2	13.2
pH	4.30	4.30	4.27	4.27	4.27	4.27
Specific Conductance (umhos/cm)	1330	1330	1333	1330	1330	1330
Dissolved Oxygen (mg/l)	2.16	2.16	2.16	2.16	2.16	2.16
Oxidation Reduction (eH)	530.1	530.1	530.1	530.1	530.1	530.1

Purging Equipment
Peristaltic Pump X
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge 150 ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 1 / 11 . Tech [signature]

Sampled by:	Date/Time:	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp _____ Cooler Number: _____

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CHAIN OF CUSTODY

11C1255

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

Date Scheduled: 03/21/11

Client Sample ID: GL-16D

Lab Sample ID: 11C1255-13
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 4/1/11 12:15

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
M_Ba_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Ni_ICPMS	EPA 200.8/6020		180
M_K_ICP	EPA 200.7/6010B		180
M_Mg_ICP			
M_Sb_ICPMS	EPA 200.8/6020		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_Cd_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NO3_NO2_Seal			
COD_Total	EPA410.4/HACH8000		28
NH3_Seal	SM(20)4500NH3-G		28
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
NO2_Seal			
TDS	SM (20) 2540 C		7
Turbidity_50	EPA 180.1		2
SO4_Turb	ASTM D516-02		28
Cl_Titration	SM (20) 4500Cl-C		28
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-16D

Tag: ___ Date of Purging: 4/1/11 Start Time: 12:00 Finish Time: 13:00 Weather: Lt Rain

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	19.88
Depth to Bottom from Top of Casing (0.01 ft.)	-
Depth of Water in the Well (gallon)	-
Volume of water in the Well (gallon)	-
Depth to Water from Top of Casing (0.01 ft.) after purging	19.88

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	13.2	14.2	14.2	14.2	14.2	14.2
pH	11.76	12.53	11.46	11.47	11.43	11.43
Specific Conductance (umhos/cm)	8210	8820	8820	8820	8820	8820
Dissolved Oxygen (mg/l)	1.91	1.91	1.91	1.99	1.95	1.95
Oxidation Reduction (eH)	219.3	169.1	169.1	167.1	167.3	167.3

Purging Equipment
Peristaltic Pump ✗
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech ___

Sampled by:	Date/Time:	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp ___ Cooler Number: ___

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CHAIN OF CUSTODY

11C1255

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

Date Scheduled: 03/21/11

Client Sample ID: GL-05S

Lab Sample ID: 11C1255-05
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 4/1/11 13:25

Analysis	Method	Container	Hold
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
M_Ca_ICP			
M_Cd_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
Hg_Total	EPA 245.1/7470A		28
M_Ag_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_K_ICP	EPA 200.7/6010B		180
M_Mg_ICP			
M_Mn_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NH3_Seal	SM(20)4500NH3-G		28
COD_Total	EPA410.4/HACH8000		28
NO3_NO2_Seal			
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
Cl_Titration	SM (20) 4500Cl-C		28
SO4_Turb	ASTM D516-02		28
NO2_Seal			
TDS	SM (20) 2540 C		7
Turbidity_50	EPA 180.1		2
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-05S

Tag: ~ Date of Purging: 4/1/11 Start Time: 13:10 Finish Time: 15:00 Weather: LT RAIN

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	21.69
Depth to Bottom from Top of Casing (0.01 ft.)	-
Depth of Water in the Well (gallon)	-
Volume of water in the Well (gallon)	-
Depth to Water from Top of Casing (0.01 ft.) after purging	21.83

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	14.1	13.9	13.9	13.9	13.9	13.9
pH	6.02	5.57	5.45	5.41	5.44	5.41
Specific Conductance (umhos/cm)	1352	1419	1419	1419	1419	1419
Dissolved Oxygen (mg/l)	1.11	1.00	1.14	1.13	1.10	1.17
Oxidation Reduction (eH)	270.8	266.5	266.5	266.5	266.5	266.5

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color CLEAR

Rate of Purge 150 ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 1 / 11 . Tech TR

Sampled by:	Date/Time:	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp _____ Cooler Number: _____

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CHAIN OF CUSTODY

11C1255

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

Date Scheduled: 03/21/11

Report To:
Russ Becker
1430 Sparrows Point Blvd
Sparrows Point, MD 21219
Phone: (410) 388-6622

Invoice To:
Russ Becker
1430 Sparrows Point Blvd
Sparrows Point, MD 21219
Phone :(410) 388-6622

Client Sample ID: GL-02S

Lab Sample ID: 11C1255-01
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 4/1/11 8:45

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
M_Fe_ICP	EPA 200.7/6010B		180
M_K_ICP	EPA 200.7/6010B		180
M_Mg_ICP			
M_Mn_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_As_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Cd_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NO3_NO2_Seal			
NH3_Seal	SM(20)4500NH3-G		28
COD_Total	EPA410.4/HACH8000		28
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
SO4_Turb	ASTM D516-02		28
TDS	SM (20) 2540 C		7
Cl_Titration	SM (20) 4500Cl-C		28
NO2_Seal			
Turbidity_50	EPA 180.1		2
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-02S

Tag: — Date of Purging: 4/1/11 Start Time: 8:30 Finish Time: 10:00 Weather: _____

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	22.37
Depth to Bottom from Top of Casing (0.01 ft.)	[illegible] -
Depth of Water in the Well (gallon)	-
Volume of water in the Well (gallon)	-
Depth to Water from Top of Casing (0.01 ft.) after purging	22.51

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	11.4	11.4	11.4	11.4	11.4	11.4
pH	7.96	7.91	7.90	7.87	7.87	7.87
Specific Conductance (umhos/cm)	1810	1810	1811	1807	1807	1807
Dissolved Oxygen (mg/l)	2.11	2.10	2.14	2.11	2.11	2.11
Oxidation Reduction (eH)	294	290	290	293	293	293

Purging Equipment
Peristaltic Pump X
Bladder Pump

Well Observation
Odor Oil smell
Color Clear

Rate of Purge 150 ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 1 / 11 . Tech [signature]

Sampled by: [signature]	Date/Time: 4/1/11	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp _____ Cooler Number: _____

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-02D

Lab Sample ID: 11C1255-02
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 4/1/11 10:25

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
Hg_Total	EPA 245.1/7470A		28
M_Ag_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_K_ICP	EPA 200.7/6010B		180
M_Mg_ICP			
M_Mn_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Cd_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Sb_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NH3_Seal	SM(20)4500NH3-G		28
COD_Total	EPA410.4/HACH8000		28
NO3_NO2_Seal			
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
TDS	SM (20) 2540 C		7
Turbidity_50	EPA 180.1		2
NO2_Seal			
Cl_Titration	SM (20) 4500Cl-C		28
SO4_Turb	ASTM D516-02		28
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-02D

Tag: — Date of Purging: 4/1/11 Start Time: 10:25 Finish Time: 11:00 Weather: Lt Rain

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	22.37
Depth to Bottom from Top of Casing (0.01 ft.)	—
Depth of Water in the Well (gallon)	—
Volume of water in the Well (gallon)	—
Depth to Water from Top of Casing (0.01 ft.) after purging	22.51

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	11.6	11.9	12.2	12.2	12.1	12.1
pH	3.06	3.03	3.03	3.03	3.03	3.03
Specific Conductance (umhos/cm)	4630	4630	4630	4630	4630	4630
Dissolved Oxygen (mg/l)	0.95	0.99	0.91	0.93	0.93	0.93
Oxidation Reduction (eH)	683.1	714.0	719.6	719.6	719.6	719.6

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge 150 ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling / / . Tech

Sampled by: [signature]	Date/Time: 4/1/11	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp _____ Cooler Number: _____

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1 Receipt Date / Time: 4-1-11
Client: Severstal Work Order #
Form Completed By:

Shipper:	☑ Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact:	YES / NO / NA
Containers Intact:	YES / NO
Sample Received on Ice or refrigerated:	YES / NO
	Temperature: ____ °C or
	Infrared (IR)Temperature: 2.1 °C
Radiation Scan:	☑ Negative or ____ mR/hr
Chain of Custody Present with shipment:	YES / NO
Sample Bottle IDs agree with COC:	YES / NO
Preservation requirements met:	YES / NO / Not Checked
Correct Number of Containers / Sample Volume:	YES / No (If No, contact client immediately)
Headspace in container:	YES / NO / NA
Type of Sample:	Water Soil Wipes Oil Filter Solid Sludge Food Swab Other

***Container Type / Quantity*:**

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___NaTHIO ___NaTHIO/EDTA**(Checked at time of Analysis)**
J- ____ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other( )

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID: ___ H_2SO_4 HNO_3 NaOH ___ mls added
Sample ID: ___ H_2SO_4 HNO_3 NaOH ___ mls added
Sample ID: ___ H_2SO_4 HNO_3 NaOH ___ mls added
Sample ID: ___ H_2SO_4 HNO_3 NaOH ___ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies:

Contact information / Summary of Actions:

Date / Time: Contact: Contact By:
Comments:

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Greys Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-05 (-25)

Lab Sample ID: 11C1255-06
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 4/4/11 9:30

Analysis	Method	Container	Hold
D_Mn_ICPMS	EPA 200.8/6020		180
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS:_____ UNITS:_____	
pH_Field	SM (20) 4500-H B	FIELD RESULTS:_____ UNITS:_____	
M_Tl_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_Se_ICPMS	EPA 200.8/6020		180
M_K_ICP	EPA 200.7/6010B		180
M_Fe_ICP	EPA 200.7/6010B		180
M_V_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
Hg_Dissolved	EPA 245.1		28
M_As_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_Cu_ICPMS	EPA 200.8/6020		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Cd_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
D_Ca_ICP	EPA 200.7/6010B		180
Turbidity_50	EPA 180.1		2
TDS	SM (20) 2540 C		7
NO2_Seal			
SO4_Turb	ASTM D516-02		28
D_Cr_ICPMS	EPA 200.8/6020		180
D_Ni_ICPMS	EPA 200.8/6020		180
D_Na_ICP	EPA 200.7/6010B		180
D_Cd_ICPMS	EPA 200.8/6020		180
Cl_Titration	SM (20) 4500Cl-C		28
D_Be_ICPMS	EPA 200.8/6020		180
D_Ba_ICPMS	EPA 200.8/6020		180
D_Se_ICPMS	EPA 200.8/6020		180
D_Sb_ICPMS	EPA 200.8/6020		180
D_Pb_ICPMS	EPA 200.8/6020		180
Hg_Dissolved	EPA 245.1		28
D_Ag_ICPMS	EPA 200.8/6020		180
D_Mg_ICP	EPA 200.7/6010B		180
D_As_ICPMS	EPA 200.8/6020		180

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Greys Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Filter_40	MLI_0.45um		2
D_Zn_ICPMS	EPA 200.8/6020		180
D_V_ICPMS	EPA 200.8/6020		180
D_Cu_ICPMS	EPA 200.8/6020		180
D_Fe_ICP	EPA 200.7/6010B		180
D_K_ICP	EPA 200.7/6010B		180
D_Tl_ICPMS	EPA 200.8/6020		180
		A-500ml Plastic Neat	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NO3_NO2_Seal			
NH3_Seal	SM(20)4500NH3-G		28
COD_Total	EPA410.4/HACH8000		28
		B-1000ml Plastic H2SO4 to pH <2	
TDS	SM (20) 2540 C		7
SO4_Turb	ASTM D516-02		28
Cl_Titration	SM (20) 4500Cl-C		28
NO2_Seal			
Turbidity_50	EPA 180.1		2
Filter_40	MLI_0.45um		2
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Greys Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-05 (-25)

Tag: — Date of Purging: 4/4/11 Start Time: 9:15 Finish Time: 10:15 Weather: sun

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	24.40
Depth to Bottom from Top of Casing (0.01 ft.)	—
Depth of Water in the Well (gallon)	—
Volume of water in the Well (gallon)	—
Depth to Water from Top of Casing (0.01 ft.) after purging	24.61

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	14.9	14.5	14.5	14.5	14.5	14.5
pH	6.12	6.19	6.19	6.19	6.18	6.18
Specific Conductance (umhos/cm)	3160	3160	3160	3160	3160	3160
Dissolved Oxygen (mg/l)	3.13	3.10	3.10	3.10	3.10	3.10
Oxidation Reduction (eH)	429.5	424.7	424.7	424.7	424.5	424.5

Purging Equipment
Peristaltic Pump X
Bladder Pump

Well Observation
Odor None
Color clear

Rate of Purge 150 ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 4 / 11 . Tech

Sampled by: Tech Printed Name:	Date/Time: 4/4/11 1300	Received by: Melanie Dwojak Printed Name:
Relinquished by: Printed Name:	Date/Time:	Received by: Printed Name:

Cooler Temp _____ Cooler Number: _____

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-15 S

Lab Sample ID: 11C1255-10
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 4/4/11 10:35

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
M_Ni_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_Na_ICP	EPA 200.7/6010B		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_K_ICP	EPA 200.7/6010B		180
M_Zn_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_Be_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Cd_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NO3_NO2_Seal			
COD_Total	EPA410.4/HACH8000		28
NH3_Seal	SM(20)4500NH3-G		28
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
TDS	SM (20) 2540 C		7
NO2_Seal			
Turbidity_50	EPA 180.1		2
SO4_Turb	ASTM D516-02		28
Cl_Titration	SM (20) 4500Cl-C		28
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-15 S

Tag: ✓ Date of Purging: 4/4/11 Start Time: 10:20 Finish Time: ~~10:20~~ 11:11 Weather: _____

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	~~5.35~~ TK 5.12
Depth to Bottom from Top of Casing (0.01 ft.)	-
Depth of Water in the Well (gallon)	=
Volume of water in the Well (gallon)	=
Depth to Water from Top of Casing (0.01 ft.) after purging	~~5.38~~ TK 5.20

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	14.1	14.2	14.4	14.4	14.4	14.4
pH	12.15	12.30	12.33	12.33	12.33	12.33
Specific Conductance (umhos/cm)	6640	6610	6610	6610	6610	6610
Dissolved Oxygen (mg/l)	2.11	2.00	2.04	2.03	2.05	2.05
Oxidation Reduction (eH)	349	350	317.9	317.5	317.5	317.5

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge 150 ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 4 / 11 . Tech TK

Sampled by: [signature]	Date/Time: 4/4/11 1300	Received by:
Printed Name:		Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

Cooler Temp _____ Cooler Number: _____

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-15 D

Lab Sample ID: 11C1255-11
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 4/4/11 11:30

Analysis	Method	Container	Hold
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS: _____ UNITS: _____	
pH_Field	SM (20) 4500-H B	FIELD RESULTS: _____ UNITS: _____	
M_Pb_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Ba_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Se_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_Cd_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
Hg_Total	EPA 245.1/7470A		28
M_Tl_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_K_ICP	EPA 200.7/6010B		180
M_Ni_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Mn_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_Zn_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NH3_Seal	SM(20)4500NH3-G		28
COD_Total	EPA410.4/HACH8000		28
NO3_NO2_Seal			
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
Turbidity_50	EPA 180.1		2
TDS	SM (20) 2540 C		7
NO2_Seal			
Cl_Titration	SM (20) 4500Cl-C		28
SO4_Turb	ASTM D516-02		28
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-15 D

Tag: — Date of Purging: 4/4/11 Start Time: 11:15 Finish Time: 12:20 Weather: Sunny 75-80°

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	8.38
Depth to Bottom from Top of Casing (0.01 ft.)	—
Depth of Water in the Well (gallon)	—
Volume of water in the Well (gallon)	—
Depth to Water from Top of Casing (0.01 ft.) after purging	8.38

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	11.6	11.6	11.6	11.6	11.6	11.6
pH	9.19	8.67	8.60	8.60	8.61	8.61
Specific Conductance (umhos/cm)	2040	2040	2040	2040	2040	2040
Dissolved Oxygen (mg/l)	1.44	1.45	1.45	1.45	1.44	1.41
Oxidation Reduction (eH)	248.1	251.9	251.9	251.9	251.9	251.9

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge 150 ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 4 / 11 . Tech

Sampled by: [signature] Printed Name:	Date/Time: 4/4/11 1300	Received by: Printed Name:
Relinquished by: Printed Name:	Date/Time:	Received by: Printed Name:

Cooler Temp _____ Cooler Number: _____

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1
Client: Sevenstar / Cascade
Form Completed By: TR

Receipt Date / Time: 2/21/11 1300
Work Order #: _____

Shipper: ☑ Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact: YES / NO / NA
Containers Intact: YES / NO
Sample Received on Ice or refrigerated: YES / NO
Temperature: _____ °C or
Infrared (IR)Temperature: 7.8 °C

Radiation Scan: ☑ Negative or _____ mR/hr
Chain of Custody Present with shipment: YES / NO
Sample Bottle IDs agree with COC: YES / NO
Preservation requirements met: YES / NO / Not Checked
Correct Number of Containers / Sample Volume: YES / No (If No, contact client immediately)
Headspace in container: YES / NO / NA
Type of Sample: Water Soil Wipes Oil Filter Solid Sludge Food Swab Other _____

***Container Type / Quantity*:**

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___ NaTHIO ___ NaTHIO/EDTA**(Checked at time of Analysis)**
J- ____ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies: _____

Contact information / Summary of Actions:

Date / Time: _____ Contact: _____ Contact By: _____
Comments: _____

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-20

Lab Sample ID: 11C1255-19
Matrix: Ground Water
Type: Grab

Sampled Date & Time: 3/6/11 10:10

Analysis	Method	Container	Hold
pH_Field	SM (20) 4500-H B	FIELD RESULTS:_____ UNITS:_____	
Conductivity_Field_Tracking	EPA 120.1	FIELD RESULTS:_____ UNITS:_____	
M_Ni_ICPMS	EPA 200.8/6020		180
M_Ba_ICPMS	EPA 200.8/6020		180
M_Be_ICPMS	EPA 200.8/6020		180
M_Ca_ICP			
M_Cd_ICPMS	EPA 200.8/6020		180
M_Co_ICPMS	EPA 200.8/6020		180
M_Na_ICP	EPA 200.7/6010B		180
M_Pb_ICPMS	EPA 200.8/6020		180
M_Sb_ICPMS	EPA 200.8/6020		180
M_Mg_ICP			
M_Mn_ICPMS	EPA 200.8/6020		180
M_K_ICP	EPA 200.7/6010B		180
Hg_Total	EPA 245.1/7470A		28
M_Se_ICPMS	EPA 200.8/6020		180
M_V_ICPMS	EPA 200.8/6020		180
M_Tl_ICPMS	EPA 200.8/6020		180
M_Fe_ICP	EPA 200.7/6010B		180
M_Cu_ICPMS	EPA 200.8/6020		180
M_Cr_ICPMS	EPA 200.8/6020		180
M_As_ICPMS	EPA 200.8/6020		180
M_Zn_ICPMS	EPA 200.8/6020		180
M_Ag_ICPMS	EPA 200.8/6020		180
		A- 500ml Plastic HNO3 to pH <2	
Alkalinity	SM (20) 2320B		14
		A-500ml Plastic Neat (No headspace)	
NO3_NO2_Seal			
COD_Total	EPA410.4/HACH8000		28
NH3_Seal	SM(20)4500NH3-G		28
		B-1000ml Plastic H2SO4 to pH <2	
8270C	EPA 8270C		7
		D-1000ml Amber Glass NM Neat	
TDS	SM (20) 2540 C		7
SO4_Turb	ASTM D516-02		28
Cl_Titration	SM (20) 4500Cl-C		28
Turbidity_50	EPA 180.1		2
NO2_Seal			
		H-½ Gallon Plastic Neat	
8260B	EPA 8260B		14
		V-40ml VOA Vial HCl to pH <2	

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CHAIN OF CUSTODY

Client: **Severstal Sparrows Point**
Project: **Landfill**
Project Number: **Landfill**

11C1255

Date Scheduled: 03/21/11

Client Sample ID: GL-20

Tag: _____ Date of Purging: 4/6/11 Start Time: 950 Finish Time: _____ Weather: _____

Well Status:

Good	✓	Grout	_____
Good	✓	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.99
Depth to Bottom from Top of Casing (0.01 ft.)	-
Depth of Water in the Well (gallon)	-
Volume of water in the Well (gallon)	-
Depth to Water from Top of Casing (0.01 ft.) after purging	14.00

						Sample Reading
Number of minutes purged	0	3	6	9	12	_____
Temperature (°C)	14.1	14.1	14.1	14.1	14.1	14.1
pH	10.39	10.39	10.32	10.30	10.30	10.30
Specific Conductance (umhos/cm)	600	611	605	600	600	600
Dissolved Oxygen (mg/l)	3.16	3.00	3.01	3.01	3.00	3.00
Oxidation Reduction (eH)	_____	_____	_____	_____	_____	_____

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor
Color

Rate of Purge 150 ml/min

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 6 / 11 . Tech _____

Sampled by: [signature] Printed Name:	Date/Time: 4/6/11 12:25	Received by: Printed Name:
Relinquished by: Printed Name:	Date/Time: 4-6-11	Received by: [signature] Printed Name: MU

Cooler Temp 6.8 Cooler Number: 626

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1
Client: Sevenstar Cons #11
Form Completed By:

Receipt Date / Time: 4/6/11 12:25
Work Order #:

Shipper:	☐ Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact:	YES / NO / NA
Containers Intact:	YES / NO
Sample Received on Ice or refrigerated:	YES / NO Temperature: _____ °C or Infrared (IR)Temperature: 6.8 °C
Radiation Scan:	☐ Negative or _____ mR/hr
Chain of Custody Present with shipment:	YES / NO
Sample Bottle IDs agree with COC:	YES / NO
Preservation requirements met:	YES / NO / Not Checked
Correct Number of Containers / Sample Volume:	YES / No (If No, contact client immediately)
Headspace in container:	YES / NO / NA
Type of Sample:	Water Soil Wipes Oil Filter Solid Sludge Food Swab Other

***Container Type / Quantity*:**

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___ NaTHIO ___ NaTHIO/EDTA**(Checked at time of Analysis)**
J- ____ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies: _____

Contact information / Summary of Actions:

Date / Time: _____ Contact: _____ Contact By: _____
Comments: _____

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Analytical Standard Summary

Analytical Standard Record: MA02203

Microbac Laboratories, Inc., Baltimore Division

Description: Sulfate Stock Standard 1000ppm
Solvent: .
Vendor: Labchem
Lot No.: 9260-17
Expires: 09/18/2011
Prepared: 01/22/2010
Prepared By: Lisa C. Ragin
Parent Standard: MA02203

Comments:

Analyte	CAS Number	Concentration	Units
Sulfate as SO4	14808-79-8	1,000.00	ppm

Analytical Standard Record: MA10305

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICB
Solvent: Methylene Chloride/MF91603
Vendor: Microbac
Lot No.: -
Expires: 07/02/2011
Prepared: 01/03/2011
Prepared By: Ronald C. Stacy
Parent Standard: MA10305

Comments:

Analyte	CAS Number	Concentration	Units
2,4,6-Tribromophenol	118-79-6	75.00	ug/mL
2-Fluorobiphenyl	321-60-8	50.00	ug/mL
2-Fluorophenol	367-12-4	75.00	ug/mL
Nitrobenzene-d5	4165-60-0	50.00	ug/mL
Phenol-d5	4165-62-2	75.00	ug/mL
Terphenyl-d14	1718-51-0	50.00	ug/mL

Analytical Standard Record: MB02304

Microbac Laboratories, Inc., Baltimore Division

Description: BNA Surrogate Spike Solution
Solvent: Acetone/MF90304
Vendor: Microbac
Lot No.: -
Expires: 02/23/2011
Prepared: 02/23/2010
Prepared By: Ryan I. Smith
Parent Standard: MB02304

Comments:

Analyte	CAS Number	Concentration	Units
2,4,6-Tribromophenol	118-79-6	75.00	ug/mL
2-Fluorobiphenyl	321-60-8	50.00	ug/mL
2-Fluorophenol	367-12-4	75.00	ug/mL
Nitrobenzene-d5	4165-60-0	50.00	ug/mL
Phenol-d5	4165-62-2	75.00	ug/mL
Terphenyl-d14	1718-51-0	50.00	ug/mL

Analytical Standard Record: MB10729

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624 IS/SS Working
Solvent: MeOH/138-3
Vendor: Microbac
Lot No.: -
Expires: 08/07/2011
Prepared: 02/07/2011
Prepared By: Ronald C. Stacy
Parent Standard: MB10729

Comments:

Analyte	CAS Number	Concentration	Units
1,2-Dichloroethane-d4	10706-07-0	0.03	ug/mL
1,4-Dichlorobenzene-d4	NA	0.03	ug/mL
4-Bromofluorobenzene	460-00-4	0.03	ug/mL
Chlorobenzene-d5	3114-55-4	0.03	ug/mL
Dibromofluoromethane	1868-53-7	0.03	ug/mL
Fluorobenzene	462-06-6	0.03	ug/mL
Toluene-d8	2037-26-5	0.03	ug/mL

Analytical Standard Record: MB10749

Microbac Laboratories, Inc., Baltimore Division

Description: BNA Surrogate Spike Solution
Solvent: Acetone/MF90304
Vendor: Microbac
Lot No.: -
Expires: 08/07/2011
Prepared: 02/07/2011
Prepared By: Ronald C. Stacy
Parent Standard: MB10749

Comments:

Analyte	CAS Number	Concentration	Units
2,4,6-Tribromophenol	118-79-6	75.00	ug/mL
2-Fluorobiphenyl	321-60-8	50.00	ug/mL
2-Fluorophenol	367-12-4	75.00	ug/mL
Nitrobenzene-d5	4165-60-0	50.00	ug/mL
Phenol-d5	4165-62-2	75.00	ug/mL
Terphenyl-d14	1718-51-0	50.00	ug/mL

Analytical Standard Record: MB12218

Microbac Laboratories, Inc., Baltimore Division

Description: NH3 Standard 1000ppm (LCS)
Solvent: -
Vendor: Labchem
Lot No.: 0237-02
Expires: 08/26/2012
Prepared: 02/22/2011
Prepared By: Vassiliki A. Shinas
Parent Standard: MB12218

Comments:

Analyte	CAS Number	Concentration	Units
Ammonia as N	7664-41-7	1,000.00	ppm
Ammonia, Dissolved as N	7664-41-7	1,000.00	ppm
Total Kjeldahl Nitrogen	E17148461	1,000.00	ppm

Analytical Standard Record: MB12421

Microbac Laboratories, Inc., Baltimore Division

Description: Alkalinity Lcs 1000ppm
Solvent: di
Vendor: -
Lot No.: -
Expires: 05/26/2011
Prepared: 02/24/2011
Prepared By: Vassiliki A. Shinas
Parent Standard: MB12421

Comments: .9443 grams of dried carbonate(MH02602) to 1 liter di

Analyte	CAS Number	Concentration	Units
Alkalinity	E1640192	1,000.00	ug/mL
Alkalinity, Bicarbonate (as CaCO3)		1,000.00	ug/mL
Alkalinity, Carbonate (as CaCO3)		1,000.00	ug/mL
Alkalinity, Hydroxide (as CaCO3)		1,000.00	ug/mL

Analytical Standard Record: MB12804

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 200
Solvent: DI
Vendor: Microbac
Lot No.: -
Expires: 03/04/2011
Prepared: 02/25/2011
Prepared By: Mark B. Horan
Parent Standard: MB12804

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20	ug/mL
1,1,1-Trichloroethane	71-55-6	0.20	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.20	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.20	ug/mL
1,1,2-Trichloroethane	79-00-5	0.20	ug/mL
1,1-Dichloroethane	75-34-3	0.20	ug/mL
1,1-Dichloroethene	75-35-4	0.20	ug/mL
1,1-Dichloropropene	563-58-6	0.20	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.20	ug/mL
1,2,3-Trichloropropane	96-18-4	0.20	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.20	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.20	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.20	ug/mL
1,2-Dibromoethane	106-93-4	0.20	ug/mL
1,2-Dichlorobenzene	95-50-1	0.20	ug/mL
1,2-Dichloroethane	107-06-2	0.20	ug/mL
1,2-Dichloropropane	78-87-5	0.20	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.20	ug/mL
1,3-Dichlorobenzene	541-73-1	0.20	ug/mL
1,3-Dichloropropane	142-28-9	0.20	ug/mL
1,4-Dichlorobenzene	106-46-7	0.20	ug/mL
2,2-Dichloropropane	590-20-7	0.20	ug/mL
2-Butanone (MEK)	78-93-3	1.00	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.20	ug/mL
2-Chlorotoluene	95-49-8	0.20	ug/mL
2-Hexanone (MBK)	591-78-6	1.00	ug/mL
2-Nitropropane	79-46-9	0.20	ug/mL

4-Chlorotoluene	106-43-4	0.20	ug/mL
4-Isopropyltoluene	99-87-6	0.20	ug/mL
Acetone	67-64-1	1.00	ug/mL
Acetonitrile	75-05-8	0.20	ug/mL
Acrolein	107-02-8	1.00	ug/mL
Acrylonitrile	107-13-1	0.20	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.20	ug/mL
Benzene	71-43-2	0.20	ug/mL
Bromobenzene	108-86-1	0.20	ug/mL
Bromochloromethane	74-97-5	0.20	ug/mL
Bromodichloromethane	75-27-4	0.20	ug/mL
Bromoform	75-25-2	0.20	ug/mL
Bromomethane	74-83-9	0.20	ug/mL
Butylbenzene	135-98-8	0.20	ug/mL
Carbon disulfide	75-15-0	0.20	ug/mL
Carbon Tetrachloride	56-23-5	0.20	ug/mL
Chlorobenzene	108-90-7	0.20	ug/mL
Chloroethane	75-00-3	0.20	ug/mL
Chloroform	67-66-3	0.20	ug/mL
Chloromethane	74-87-3	0.20	ug/mL
Chloroprene	126-99-8	0.20	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.20	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.20	ug/mL
Cyclohexane	110-82-7	0.20	ug/mL
Dibromochloromethane	124-48-1	0.20	ug/mL
Dibromomethane	74-95-3	0.20	ug/mL
Dichlorodifluoromethane	75-71-8	0.20	ug/mL
Ethyl Methacrylate	97-63-2	0.20	ug/mL
Ethylbenzene	100-41-4	0.20	ug/mL
Hexachlorobutadiene	87-68-3	0.20	ug/mL
Iodomethane	74-88-4	0.20	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.20	ug/mL
m,p-Xylenes	108-38-3	0.40	ug/mL
Methacrylonitrile	126-98-7	0.20	ug/mL
Methyl Acetate	76-20-9	0.20	ug/mL
Methyl Isobutyl Ketone	108-10-1	1.00	ug/mL
Methyl Methacrylate	80-62-6	0.20	ug/mL
Methylcyclohexane	108-87-2	0.20	ug/mL
Methylene Chloride	75-09-2	0.20	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.20	ug/mL
Naphthalene	91-20-3	0.20	ug/mL
o-Xylene	95-47-6	0.20	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.20	ug/mL
Propylbenzene	103-65-1	0.20	ug/mL
sec-Butylbenzene	135-98-8	0.20	ug/mL
Styrene	100-42-5	0.20	ug/mL
tert-Butylbenzene	98-06-6	0.20	ug/mL
Tetrachloroethene	127-18-4	0.20	ug/mL
Tetrahydrofuran	109-99-9	0.20	ug/mL

Toluene	108-88-3	0.20	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.20	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.20	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.20	ug/mL
Trichloroethene	79-01-6	0.20	ug/mL
Trichlorofluoromethane	75-69-4	0.20	ug/mL
Vinyl acetate	108-05-4	0.20	ug/mL
Vinyl chloride	75-01-4	0.20	ug/mL

Analytical Standard Record: MB12805

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 100
Solvent: DI
Vendor: Microbac
Lot No.: -
Expires: 03/11/2011
Prepared: 02/28/2011
Prepared By: Mark B. Horan
Parent Standard: MB12805

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.10	ug/mL
1,1,1-Trichloroethane	71-55-6	0.10	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.10	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.10	ug/mL
1,1,2-Trichloroethane	79-00-5	0.10	ug/mL
1,1-Dichloroethane	75-34-3	0.10	ug/mL
1,1-Dichloroethene	75-35-4	0.10	ug/mL
1,1-Dichloropropene	563-58-6	0.10	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.10	ug/mL
1,2,3-Trichloropropane	96-18-4	0.10	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.10	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.10	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.10	ug/mL
1,2-Dibromoethane	106-93-4	0.10	ug/mL
1,2-Dichlorobenzene	95-50-1	0.10	ug/mL
1,2-Dichloroethane	107-06-2	0.10	ug/mL
1,2-Dichloropropane	78-87-5	0.10	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.10	ug/mL
1,3-Dichlorobenzene	541-73-1	0.10	ug/mL
1,3-Dichloropropane	142-28-9	0.10	ug/mL
1,4-Dichlorobenzene	106-46-7	0.10	ug/mL
2,2-Dichloropropane	590-20-7	0.10	ug/mL
2-Butanone (MEK)	78-93-3	0.50	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.10	ug/mL
2-Chlorotoluene	95-49-8	0.10	ug/mL
2-Hexanone (MBK)	591-78-6	0.50	ug/mL
2-Nitropropane	79-46-9	0.10	ug/mL
4-Chlorotoluene	106-43-4	0.10	ug/mL
4-Isopropyltoluene	99-87-6	0.10	ug/mL
Acetone	67-64-1	0.50	ug/mL
Acetonitrile	75-05-8	0.10	ug/mL
Acrolein	107-02-8	0.50	ug/mL

Acrylonitrile	107-13-1	0.10	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.10	ug/mL
Benzene	71-43-2	0.10	ug/mL
Bromobenzene	108-86-1	0.10	ug/mL
Bromochloromethane	74-97-5	0.10	ug/mL
Bromodichloromethane	75-27-4	0.10	ug/mL
Bromoform	75-25-2	0.10	ug/mL
Bromomethane	74-83-9	0.10	ug/mL
Butylbenzene	135-98-8	0.10	ug/mL
Carbon disulfide	75-15-0	0.10	ug/mL
Carbon Tetrachloride	56-23-5	0.10	ug/mL
Chlorobenzene	108-90-7	0.10	ug/mL
Chloroethane	75-00-3	0.10	ug/mL
Chloroform	67-66-3	0.10	ug/mL
Chloromethane	74-87-3	0.10	ug/mL
Chloroprene	126-99-8	0.10	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.10	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.10	ug/mL
Cyclohexane	110-82-7	0.10	ug/mL
Dibromochloromethane	124-48-1	0.10	ug/mL
Dibromomethane	74-95-3	0.10	ug/mL
Dichlorodifluoromethane	75-71-8	0.10	ug/mL
Ethyl Methacrylate	97-63-2	0.10	ug/mL
Ethylbenzene	100-41-4	0.10	ug/mL
Hexachlorobutadiene	87-68-3	0.10	ug/mL
Iodomethane	74-88-4	0.10	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.10	ug/mL
m,p-Xylenes	108-38-3	0.20	ug/mL
Methacrylonitrile	126-98-7	0.10	ug/mL
Methyl Acetate	76-20-9	0.10	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.50	ug/mL
Methyl Methacrylate	80-62-6	0.10	ug/mL
Methylcyclohexane	108-87-2	0.10	ug/mL
Methylene Chloride	75-09-2	0.10	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.10	ug/mL
Naphthalene	91-20-3	0.10	ug/mL
o-Xylene	95-47-6	0.10	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.10	ug/mL
Propylbenzene	103-65-1	0.10	ug/mL
sec-Butylbenzene	135-98-8	0.10	ug/mL
Styrene	100-42-5	0.10	ug/mL
tert-Butylbenzene	98-06-6	0.10	ug/mL
Tetrachloroethene	127-18-4	0.10	ug/mL
Tetrahydrofuran	109-99-9	0.10	ug/mL
Toluene	108-88-3	0.10	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.10	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.10	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.10	ug/mL
Trichloroethene	79-01-6	0.10	ug/mL

Trichlorofluoromethane	75-69-4	0.10	ug/mL
Vinyl acetate	108-05-4	0.10	ug/mL
Vinyl chloride	75-01-4	0.10	ug/mL

Analytical Standard Record: MB12806

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 50
Expires: 03/11/2011
Solvent: DI
Prepared: 02/28/2011
Vendor: Microbac
Prepared By: Mark B. Horan
Lot No.: -
Parent Standard: MB12806

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.05	ug/mL
1,1,1-Trichloroethane	71-55-6	0.05	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.05	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.05	ug/mL
1,1,2-Trichloroethane	79-00-5	0.05	ug/mL
1,1-Dichloroethane	75-34-3	0.05	ug/mL
1,1-Dichloroethene	75-35-4	0.05	ug/mL
1,1-Dichloropropene	563-58-6	0.05	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.05	ug/mL
1,2,3-Trichloropropane	96-18-4	0.05	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.05	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.05	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.05	ug/mL
1,2-Dibromoethane	106-93-4	0.05	ug/mL
1,2-Dichlorobenzene	95-50-1	0.05	ug/mL
1,2-Dichloroethane	107-06-2	0.05	ug/mL
1,2-Dichloropropane	78-87-5	0.05	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.05	ug/mL
1,3-Dichlorobenzene	541-73-1	0.05	ug/mL
1,3-Dichloropropane	142-28-9	0.05	ug/mL
1,4-Dichlorobenzene	106-46-7	0.05	ug/mL
2,2-Dichloropropane	590-20-7	0.05	ug/mL
2-Butanone (MEK)	78-93-3	0.25	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.05	ug/mL
2-Chlorotoluene	95-49-8	0.05	ug/mL
2-Hexanone (MBK)	591-78-6	0.25	ug/mL
2-Nitropropane	79-46-9	0.05	ug/mL
4-Chlorotoluene	106-43-4	0.05	ug/mL
4-Isopropyltoluene	99-87-6	0.05	ug/mL
Acetone	67-64-1	0.25	ug/mL
Acetonitrile	75-05-8	0.05	ug/mL
Acrolein	107-02-8	0.25	ug/mL
Acrylonitrile	107-13-1	0.05	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.05	ug/mL
Benzene	71-43-2	0.05	ug/mL
Bromobenzene	108-86-1	0.05	ug/mL
Bromochloromethane	74-97-5	0.05	ug/mL

Bromodichloromethane	75-27-4	0.05	ug/mL
Bromoform	75-25-2	0.05	ug/mL
Bromomethane	74-83-9	0.05	ug/mL
Butylbenzene	135-98-8	0.05	ug/mL
Carbon disulfide	75-15-0	0.05	ug/mL
Carbon Tetrachloride	56-23-5	0.05	ug/mL
Chlorobenzene	108-90-7	0.05	ug/mL
Chloroethane	75-00-3	0.05	ug/mL
Chloroform	67-66-3	0.05	ug/mL
Chloromethane	74-87-3	0.05	ug/mL
Chloroprene	126-99-8	0.05	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.05	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.05	ug/mL
Cyclohexane	110-82-7	0.05	ug/mL
Dibromochloromethane	124-48-1	0.05	ug/mL
Dibromomethane	74-95-3	0.05	ug/mL
Dichlorodifluoromethane	75-71-8	0.05	ug/mL
Ethyl Methacrylate	97-63-2	0.05	ug/mL
Ethylbenzene	100-41-4	0.05	ug/mL
Hexachlorobutadiene	87-68-3	0.05	ug/mL
Iodomethane	74-88-4	0.05	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.05	ug/mL
m,p-Xylenes	108-38-3	0.10	ug/mL
Methacrylonitrile	126-98-7	0.05	ug/mL
Methyl Acetate	76-20-9	0.05	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.25	ug/mL
Methyl Methacrylate	80-62-6	0.05	ug/mL
Methylcyclohexane	108-87-2	0.05	ug/mL
Methylene Chloride	75-09-2	0.05	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.05	ug/mL
Naphthalene	91-20-3	0.05	ug/mL
o-Xylene	95-47-6	0.05	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.05	ug/mL
Propylbenzene	103-65-1	0.05	ug/mL
sec-Butylbenzene	135-98-8	0.05	ug/mL
Styrene	100-42-5	0.05	ug/mL
tert-Butylbenzene	98-06-6	0.05	ug/mL
Tetrachloroethene	127-18-4	0.05	ug/mL
Tetrahydrofuran	109-99-9	0.05	ug/mL
Toluene	108-88-3	0.05	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.05	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.05	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.05	ug/mL
Trichloroethene	79-01-6	0.05	ug/mL
Trichlorofluoromethane	75-69-4	0.05	ug/mL
Vinyl acetate	108-05-4	0.05	ug/mL
Vinyl chloride	75-01-4	0.05	ug/mL

Analytical Standard Record: MB12807

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 20
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/11/2011
Prepared: 02/28/2011
Prepared By: Mark B. Horan
Parent Standard: MB12807

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.02	ug/mL
1,1,1-Trichloroethane	71-55-6	0.02	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.02	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.02	ug/mL
1,1,2-Trichloroethane	79-00-5	0.02	ug/mL
1,1-Dichloroethane	75-34-3	0.02	ug/mL
1,1-Dichloroethene	75-35-4	0.02	ug/mL
1,1-Dichloropropene	563-58-6	0.02	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.02	ug/mL
1,2,3-Trichloropropane	96-18-4	0.02	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.02	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.02	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.02	ug/mL
1,2-Dibromoethane	106-93-4	0.02	ug/mL
1,2-Dichlorobenzene	95-50-1	0.02	ug/mL
1,2-Dichloroethane	107-06-2	0.02	ug/mL
1,2-Dichloropropane	78-87-5	0.02	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.02	ug/mL
1,3-Dichlorobenzene	541-73-1	0.02	ug/mL
1,3-Dichloropropane	142-28-9	0.02	ug/mL
1,4-Dichlorobenzene	106-46-7	0.02	ug/mL
2,2-Dichloropropane	590-20-7	0.02	ug/mL
2-Butanone (MEK)	78-93-3	0.10	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.02	ug/mL
2-Chlorotoluene	95-49-8	0.02	ug/mL
2-Hexanone (MBK)	591-78-6	0.10	ug/mL
2-Nitropropane	79-46-9	0.02	ug/mL
4-Chlorotoluene	106-43-4	0.02	ug/mL
4-Isopropyltoluene	99-87-6	0.02	ug/mL
Acetone	67-64-1	0.10	ug/mL
Acetonitrile	75-05-8	0.02	ug/mL
Acrolein	107-02-8	0.10	ug/mL
Acrylonitrile	107-13-1	0.02	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.02	ug/mL
Benzene	71-43-2	0.02	ug/mL
Bromobenzene	108-86-1	0.02	ug/mL
Bromochloromethane	74-97-5	0.02	ug/mL
Bromodichloromethane	75-27-4	0.02	ug/mL
Bromoform	75-25-2	0.02	ug/mL
Bromomethane	74-83-9	0.02	ug/mL

Butylbenzene	135-98-8	0.02	ug/mL
Carbon disulfide	75-15-0	0.02	ug/mL
Carbon Tetrachloride	56-23-5	0.02	ug/mL
Chlorobenzene	108-90-7	0.02	ug/mL
Chloroethane	75-00-3	0.02	ug/mL
Chloroform	67-66-3	0.02	ug/mL
Chloromethane	74-87-3	0.02	ug/mL
Chloroprene	126-99-8	0.02	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.02	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.02	ug/mL
Cyclohexane	110-82-7	0.02	ug/mL
Dibromochloromethane	124-48-1	0.02	ug/mL
Dibromomethane	74-95-3	0.02	ug/mL
Dichlorodifluoromethane	75-71-8	0.02	ug/mL
Ethyl Methacrylate	97-63-2	0.02	ug/mL
Ethylbenzene	100-41-4	0.02	ug/mL
Hexachlorobutadiene	87-68-3	0.02	ug/mL
Iodomethane	74-88-4	0.02	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.02	ug/mL
m,p-Xylenes	108-38-3	0.04	ug/mL
Methacrylonitrile	126-98-7	0.02	ug/mL
Methyl Acetate	76-20-9	0.02	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.10	ug/mL
Methyl Methacrylate	80-62-6	0.02	ug/mL
Methylcyclohexane	108-87-2	0.02	ug/mL
Methylene Chloride	75-09-2	0.02	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.02	ug/mL
Naphthalene	91-20-3	0.02	ug/mL
o-Xylene	95-47-6	0.02	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.02	ug/mL
Propylbenzene	103-65-1	0.02	ug/mL
sec-Butylbenzene	135-98-8	0.02	ug/mL
Styrene	100-42-5	0.02	ug/mL
tert-Butylbenzene	98-06-6	0.02	ug/mL
Tetrachloroethene	127-18-4	0.02	ug/mL
Tetrahydrofuran	109-99-9	0.02	ug/mL
Toluene	108-88-3	0.02	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.02	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.02	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.02	ug/mL
Trichloroethene	79-01-6	0.02	ug/mL
Trichlorofluoromethane	75-69-4	0.02	ug/mL
Vinyl acetate	108-05-4	0.02	ug/mL
Vinyl chloride	75-01-4	0.02	ug/mL

Analytical Standard Record: MB12808

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 10
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/11/2011
Prepared: 02/28/2011
Prepared By: Mark B. Horan
Parent Standard: MB12808

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.01	ug/mL
1,1,1-Trichloroethane	71-55-6	0.01	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.01	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.01	ug/mL
1,1,2-Trichloroethane	79-00-5	0.01	ug/mL
1,1-Dichloroethane	75-34-3	0.01	ug/mL
1,1-Dichloroethene	75-35-4	0.01	ug/mL
1,1-Dichloropropene	563-58-6	0.01	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.01	ug/mL
1,2,3-Trichloropropane	96-18-4	0.01	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.01	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.01	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.01	ug/mL
1,2-Dibromoethane	106-93-4	0.01	ug/mL
1,2-Dichlorobenzene	95-50-1	0.01	ug/mL
1,2-Dichloroethane	107-06-2	0.01	ug/mL
1,2-Dichloropropane	78-87-5	0.01	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.01	ug/mL
1,3-Dichlorobenzene	541-73-1	0.01	ug/mL
1,3-Dichloropropane	142-28-9	0.01	ug/mL
1,4-Dichlorobenzene	106-46-7	0.01	ug/mL
2,2-Dichloropropane	590-20-7	0.01	ug/mL
2-Butanone (MEK)	78-93-3	0.05	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.01	ug/mL
2-Chlorotoluene	95-49-8	0.01	ug/mL
2-Hexanone (MBK)	591-78-6	0.05	ug/mL
2-Nitropropane	79-46-9	0.01	ug/mL
4-Chlorotoluene	106-43-4	0.01	ug/mL
4-Isopropyltoluene	99-87-6	0.01	ug/mL
Acetone	67-64-1	0.05	ug/mL
Acetonitrile	75-05-8	0.01	ug/mL
Acrolein	107-02-8	0.05	ug/mL
Acrylonitrile	107-13-1	0.01	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.01	ug/mL
Benzene	71-43-2	0.01	ug/mL
Bromobenzene	108-86-1	0.01	ug/mL
Bromochloromethane	74-97-5	0.01	ug/mL
Bromodichloromethane	75-27-4	0.01	ug/mL
Bromoform	75-25-2	0.01	ug/mL
Bromomethane	74-83-9	0.01	ug/mL

Butylbenzene	135-98-8	0.01	ug/mL
Carbon disulfide	75-15-0	0.01	ug/mL
Carbon Tetrachloride	56-23-5	0.01	ug/mL
Chlorobenzene	108-90-7	0.01	ug/mL
Chloroethane	75-00-3	0.01	ug/mL
Chloroform	67-66-3	0.01	ug/mL
Chloromethane	74-87-3	0.01	ug/mL
Chloroprene	126-99-8	0.01	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.01	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.01	ug/mL
Cyclohexane	110-82-7	0.01	ug/mL
Dibromochloromethane	124-48-1	0.01	ug/mL
Dibromomethane	74-95-3	0.01	ug/mL
Dichlorodifluoromethane	75-71-8	0.01	ug/mL
Ethyl Methacrylate	97-63-2	0.01	ug/mL
Ethylbenzene	100-41-4	0.01	ug/mL
Hexachlorobutadiene	87-68-3	0.01	ug/mL
Iodomethane	74-88-4	0.01	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.01	ug/mL
m,p-Xylenes	108-38-3	0.02	ug/mL
Methacrylonitrile	126-98-7	0.01	ug/mL
Methyl Acetate	76-20-9	0.01	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.05	ug/mL
Methyl Methacrylate	80-62-6	0.01	ug/mL
Methylcyclohexane	108-87-2	0.01	ug/mL
Methylene Chloride	75-09-2	0.01	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.01	ug/mL
Naphthalene	91-20-3	0.01	ug/mL
o-Xylene	95-47-6	0.01	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.01	ug/mL
Propylbenzene	103-65-1	0.01	ug/mL
sec-Butylbenzene	135-98-8	0.01	ug/mL
Styrene	100-42-5	0.01	ug/mL
tert-Butylbenzene	98-06-6	0.01	ug/mL
Tetrachloroethene	127-18-4	0.01	ug/mL
Tetrahydrofuran	109-99-9	0.01	ug/mL
Toluene	108-88-3	0.01	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.01	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.01	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.01	ug/mL
Trichloroethene	79-01-6	0.01	ug/mL
Trichlorofluoromethane	75-69-4	0.01	ug/mL
Vinyl acetate	108-05-4	0.01	ug/mL
Vinyl chloride	75-01-4	0.01	ug/mL

Analytical Standard Record: MB12809

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 5
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/11/2011
Prepared: 02/28/2011
Prepared By: Mark B. Horan
Parent Standard: MB12809

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.01	ug/mL
1,1,1-Trichloroethane	71-55-6	0.01	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.01	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.01	ug/mL
1,1,2-Trichloroethane	79-00-5	0.01	ug/mL
1,1-Dichloroethane	75-34-3	0.01	ug/mL
1,1-Dichloroethene	75-35-4	0.01	ug/mL
1,1-Dichloropropene	563-58-6	0.01	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.01	ug/mL
1,2,3-Trichloropropane	96-18-4	0.01	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.01	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.01	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.01	ug/mL
1,2-Dibromoethane	106-93-4	0.01	ug/mL
1,2-Dichlorobenzene	95-50-1	0.01	ug/mL
1,2-Dichloroethane	107-06-2	0.01	ug/mL
1,2-Dichloropropane	78-87-5	0.01	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.01	ug/mL
1,3-Dichlorobenzene	541-73-1	0.01	ug/mL
1,3-Dichloropropane	142-28-9	0.01	ug/mL
1,4-Dichlorobenzene	106-46-7	0.01	ug/mL
2,2-Dichloropropane	590-20-7	0.01	ug/mL
2-Butanone (MEK)	78-93-3	0.03	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.01	ug/mL
2-Chlorotoluene	95-49-8	0.01	ug/mL
2-Hexanone (MBK)	591-78-6	0.03	ug/mL
2-Nitropropane	79-46-9	0.01	ug/mL
4-Chlorotoluene	106-43-4	0.01	ug/mL
4-Isopropyltoluene	99-87-6	0.01	ug/mL
Acetone	67-64-1	0.03	ug/mL
Acetonitrile	75-05-8	0.01	ug/mL
Acrolein	107-02-8	0.03	ug/mL
Acrylonitrile	107-13-1	0.01	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.01	ug/mL
Benzene	71-43-2	0.01	ug/mL
Bromobenzene	108-86-1	0.01	ug/mL
Bromochloromethane	74-97-5	0.01	ug/mL
Bromodichloromethane	75-27-4	0.01	ug/mL
Bromoform	75-25-2	0.01	ug/mL
Bromomethane	74-83-9	0.01	ug/mL

Butylbenzene	135-98-8	0.01	ug/mL
Carbon disulfide	75-15-0	0.01	ug/mL
Carbon Tetrachloride	56-23-5	0.01	ug/mL
Chlorobenzene	108-90-7	0.01	ug/mL
Chloroethane	75-00-3	0.01	ug/mL
Chloroform	67-66-3	0.01	ug/mL
Chloromethane	74-87-3	0.01	ug/mL
Chloroprene	126-99-8	0.01	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.01	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.01	ug/mL
Cyclohexane	110-82-7	0.01	ug/mL
Dibromochloromethane	124-48-1	0.01	ug/mL
Dibromomethane	74-95-3	0.01	ug/mL
Dichlorodifluoromethane	75-71-8	0.01	ug/mL
Ethyl Methacrylate	97-63-2	0.01	ug/mL
Ethylbenzene	100-41-4	0.01	ug/mL
Hexachlorobutadiene	87-68-3	0.01	ug/mL
Iodomethane	74-88-4	0.01	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.01	ug/mL
m,p-Xylenes	108-38-3	0.01	ug/mL
Methacrylonitrile	126-98-7	0.01	ug/mL
Methyl Acetate	76-20-9	0.01	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.03	ug/mL
Methyl Methacrylate	80-62-6	0.01	ug/mL
Methylcyclohexane	108-87-2	0.01	ug/mL
Methylene Chloride	75-09-2	0.01	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.01	ug/mL
Naphthalene	91-20-3	0.01	ug/mL
o-Xylene	95-47-6	0.01	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.01	ug/mL
Propylbenzene	103-65-1	0.01	ug/mL
sec-Butylbenzene	135-98-8	0.01	ug/mL
Styrene	100-42-5	0.01	ug/mL
tert-Butylbenzene	98-06-6	0.01	ug/mL
Tetrachloroethene	127-18-4	0.01	ug/mL
Tetrahydrofuran	109-99-9	0.01	ug/mL
Toluene	108-88-3	0.01	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.01	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.01	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.01	ug/mL
Trichloroethene	79-01-6	0.01	ug/mL
Trichlorofluoromethane	75-69-4	0.01	ug/mL
Vinyl acetate	108-05-4	0.01	ug/mL
Vinyl chloride	75-01-4	0.01	ug/mL

Analytical Standard Record: MB12810

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 1
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/11/2011
Prepared: 02/28/2011
Prepared By: Mark B. Horan
Parent Standard: MB12810

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.00	ug/mL
1,1,1-Trichloroethane	71-55-6	0.00	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.00	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.00	ug/mL
1,1,2-Trichloroethane	79-00-5	0.00	ug/mL
1,1-Dichloroethane	75-34-3	0.00	ug/mL
1,1-Dichloroethene	75-35-4	0.00	ug/mL
1,1-Dichloropropene	563-58-6	0.00	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.00	ug/mL
1,2,3-Trichloropropane	96-18-4	0.00	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.00	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.00	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.00	ug/mL
1,2-Dibromoethane	106-93-4	0.00	ug/mL
1,2-Dichlorobenzene	95-50-1	0.00	ug/mL
1,2-Dichloroethane	107-06-2	0.00	ug/mL
1,2-Dichloropropane	78-87-5	0.00	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.00	ug/mL
1,3-Dichlorobenzene	541-73-1	0.00	ug/mL
1,3-Dichloropropane	142-28-9	0.00	ug/mL
1,4-Dichlorobenzene	106-46-7	0.00	ug/mL
2,2-Dichloropropane	590-20-7	0.00	ug/mL
2-Butanone (MEK)	78-93-3	0.01	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.00	ug/mL
2-Chlorotoluene	95-49-8	0.00	ug/mL
2-Hexanone (MBK)	591-78-6	0.01	ug/mL
2-Nitropropane	79-46-9	0.00	ug/mL
4-Chlorotoluene	106-43-4	0.00	ug/mL
4-Isopropyltoluene	99-87-6	0.00	ug/mL
Acetone	67-64-1	0.01	ug/mL
Acetonitrile	75-05-8	0.00	ug/mL
Acrolein	107-02-8	0.01	ug/mL
Acrylonitrile	107-13-1	0.00	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.00	ug/mL
Benzene	71-43-2	0.00	ug/mL
Bromobenzene	108-86-1	0.00	ug/mL
Bromochloromethane	74-97-5	0.00	ug/mL
Bromodichloromethane	75-27-4	0.00	ug/mL
Bromoform	75-25-2	0.00	ug/mL
Bromomethane	74-83-9	0.00	ug/mL

Butylbenzene	135-98-8	0.00	ug/mL
Carbon disulfide	75-15-0	0.00	ug/mL
Carbon Tetrachloride	56-23-5	0.00	ug/mL
Chlorobenzene	108-90-7	0.00	ug/mL
Chloroethane	75-00-3	0.00	ug/mL
Chloroform	67-66-3	0.00	ug/mL
Chloromethane	74-87-3	0.00	ug/mL
Chloroprene	126-99-8	0.00	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.00	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.00	ug/mL
Cyclohexane	110-82-7	0.00	ug/mL
Dibromochloromethane	124-48-1	0.00	ug/mL
Dibromomethane	74-95-3	0.00	ug/mL
Dichlorodifluoromethane	75-71-8	0.00	ug/mL
Ethyl Methacrylate	97-63-2	0.00	ug/mL
Ethylbenzene	100-41-4	0.00	ug/mL
Hexachlorobutadiene	87-68-3	0.00	ug/mL
Iodomethane	74-88-4	0.00	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.00	ug/mL
m,p-Xylenes	108-38-3	0.00	ug/mL
Methacrylonitrile	126-98-7	0.00	ug/mL
Methyl Acetate	76-20-9	0.00	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.01	ug/mL
Methyl Methacrylate	80-62-6	0.00	ug/mL
Methylcyclohexane	108-87-2	0.00	ug/mL
Methylene Chloride	75-09-2	0.00	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.00	ug/mL
Naphthalene	91-20-3	0.00	ug/mL
o-Xylene	95-47-6	0.00	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.00	ug/mL
Propylbenzene	103-65-1	0.00	ug/mL
sec-Butylbenzene	135-98-8	0.00	ug/mL
Styrene	100-42-5	0.00	ug/mL
tert-Butylbenzene	98-06-6	0.00	ug/mL
Tetrachloroethene	127-18-4	0.00	ug/mL
Tetrahydrofuran	109-99-9	0.00	ug/mL
Toluene	108-88-3	0.00	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.00	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.00	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.00	ug/mL
Trichloroethene	79-01-6	0.00	ug/mL
Trichlorofluoromethane	75-69-4	0.00	ug/mL
Vinyl acetate	108-05-4	0.00	ug/mL
Vinyl chloride	75-01-4	0.00	ug/mL

Analytical Standard Record: MC10107

Microbac Laboratories, Inc., Baltimore Division

Description: CL Standard 1250 ppm
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 09/01/2011
Prepared: 03/01/2011
Prepared By: Lisa C. Ragin
Parent Standard: MC10107

Comments: MADE ON 03/01/2011 BY LCR
VERIFIED ON 09/01/2011
2.0606g OF SODIUM CHLORIDE
EXPIRED ON 08/09/2010

Analyte	CAS Number	Concentration	Units
Chloride	16887-00-6	1,250.00	ppm

Analytical Standard Record: MC10214

Microbac Laboratories, Inc., Baltimore Division

Description: Hg Daily Spike, 100 ppb
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 04/01/2011
Prepared: 03/02/2011
Prepared By: Andy P. Smith
Parent Standard: MC10214

Comments: This Standard is made at the start of each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.10	ug/mL

Analytical Standard Record: MC10215

Microbac Laboratories, Inc., Baltimore Division

Description: COD MS Stock, 10,000ppm
Solvent: DI
Vendor: Microbac
Lot No.: .

Expires: 09/02/2011
Prepared: 03/02/2011
Prepared By: Lisa C. Ragin
Parent Standard: MC10215

Comments: 0.5 MLS TO 100 MLS OF SAMPLE
PREPARED: 03/02/2011
EXPIRATION: 09/02/2011 0.8500g potassium hrdrogen phalate

Analyte	CAS Number	Concentration	Units
COD, Soluble		10,010.00	ppm
COD, Total	E1641638	10,010.00	ppm

Analytical Standard Record: MC10216

Microbac Laboratories, Inc., Baltimore Division

Description: Hg daily H2O CAL STD 1
Solvent: -
Vendor: -
Lot No.: -

Expires: 04/01/2011
Prepared: 03/02/2011
Prepared By: Andy P. Smith
Parent Standard: MC10216

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.00	ug/mL

Analytical Standard Record: MC10217

Microbac Laboratories, Inc., Baltimore Division

Description: Hg daily H2O CAL STD 2
Solvent: -
Vendor: -
Lot No.: -
Expires: 04/01/2011
Prepared: 03/02/2011
Prepared By: Andy P. Smith
Parent Standard: MC10217

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.00	ug/mL

Analytical Standard Record: MC10218

Microbac Laboratories, Inc., Baltimore Division

Description: Hg daily H2O CAL STD 3
Solvent: -
Vendor: -
Lot No.: -
Expires: 04/01/2011
Prepared: 03/02/2011
Prepared By: Andy P. Smith
Parent Standard: MC10218

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.00	ug/mL

Analytical Standard Record: MC10219

Microbac Laboratories, Inc., Baltimore Division

Description: Hg daily H2O CAL STD 4
Solvent: -
Vendor: -
Lot No.: -
Expires: 04/01/2011
Prepared: 03/02/2011
Prepared By: Andy P. Smith
Parent Standard: MC10219

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.01	ug/mL

Analytical Standard Record: MC10220

Microbac Laboratories, Inc., Baltimore Division

Description: Hg daily H2O CAL STD 5
Solvent: -
Vendor: -
Lot No.: -
Expires: 04/01/2011
Prepared: 03/02/2011
Prepared By: Andy P. Smith
Parent Standard: MC10220

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.01	ug/mL

Analytical Standard Record: MC10221

Microbac Laboratories, Inc., Baltimore Division

Description: Hg ICV, 3ppb
Solvent: .
Vendor: Microbac
Lot No.: .
Expires: 04/01/2011
Prepared: 03/02/2011
Prepared By: Andy P. Smith
Parent Standard: MC10221

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.00	ug/mL

Analytical Standard Record: MC10222

Microbac Laboratories, Inc., Baltimore Division

Description: Hg CCV, 3ppb
Solvent: .
Vendor: Microbac
Lot No.: .
Expires: 04/01/2011
Prepared: 03/02/2011
Prepared By: Andy P. Smith
Parent Standard: MC10222

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.00	ug/mL

Analytical Standard Record: MC10804

Microbac Laboratories, Inc., Baltimore Division

Description: NO2 Matrix Spike, 5ppm
Solvent: .
Vendor: Microbac
Lot No.: .
Expires: 04/08/2011
Prepared: 03/08/2011
Prepared By: Vassiliki A. Shinas
Parent Standard: MC10804

Comments: 0.5mls of 1000ppm to 100mls di

Analyte	CAS Number	Concentration	Units
Nitrite as N	7727-37-9	5.00	ug/mL

Analytical Standard Record: MC10805

Microbac Laboratories, Inc., Baltimore Division

Description: NO2, LCS/CCV, 0.5ppm
Solvent: DI
Vendor: Microbac
Lot No.: .
Expires: 04/08/2011
Prepared: 03/08/2011
Prepared By: Vassiliki A. Shinas
Parent Standard: MC10805

Comments:

Analyte	CAS Number	Concentration	Units
Nitrite as N	7727-37-9	0.50	ug/mL

Analytical Standard Record: MC10837

Microbac Laboratories, Inc., Baltimore Division

Description: NO3 Matrix Spike, 100ppm
Solvent: DI
Vendor: Microbac
Lot No.: .
Expires: 04/08/2011
Prepared: 03/08/2011
Prepared By: Vassiliki A. Shinas
Parent Standard: MC10837

Comments:

Analyte	CAS Number	Concentration	Units
Nitrate/Nitrite as N	E701177	100.00	ug/mL

Analytical Standard Record: MC10843

Microbac Laboratories, Inc., Baltimore Division

Description: NO3 LCS /ICV/CCV, 2.5ppm
Solvent: DI
Vendor: Microbac
Lot No.: -
Expires: 04/08/2011
Prepared: 03/08/2011
Prepared By: Vassiliki A. Shinas
Parent Standard: MC10843

Comments:

Analyte	CAS Number	Concentration	Units
Nitrate/Nitrite as N	E701177	2.50	mg/L

Analytical Standard Record: MC11101

Microbac Laboratories, Inc., Baltimore Division

Description: ICP internal std
Solvent: -
Vendor: -
Lot No.: -
Expires: 04/10/2011
Prepared: 03/09/2011
Prepared By: Andy P. Smith
Parent Standard: MC11101

Comments: 5% HNO3, 2% HCL, and 9.8g of Cesium carbonate.

Analyte	CAS Number	Concentration	Units
Hydrochloric acid (HCl)	NA	20,000.00	ug/mL
Yttrium	7440-65-5	2.00	ug/mL

Analytical Standard Record: MC11102

Microbac Laboratories, Inc., Baltimore Division

Description: ICP STD 6
Solvent: -
Vendor: -
Lot No.: -
Expires: 04/09/2011
Prepared: 03/09/2011
Prepared By: Andy P. Smith
Parent Standard: MC11102

Comments: 5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	10.00	ug/mL
Antimony	7440-36-0	4.00	ug/mL
Arsenic	7440-38-2	2.00	ug/mL
Barium	7440-39-3	2.00	ug/mL
Beryllium	7440-41-7	2.00	ug/mL
Boron	7440-42-8	2.00	ug/mL
Cadmium	7440-43-9	1.00	ug/mL

Calcium	7440-70-2	20.00	ug/mL
Chromium	7440-47-3	2.00	ug/mL
Cobalt	7440-48-4	2.00	ug/mL
Copper	7440-50-8	2.00	ug/mL
Gallium	7440-55-3	2.00	ug/mL
Iron	7439-89-6	2.00	ug/mL
Lead	7439-92-1	4.00	ug/mL
Lithium	7439-93-2	4.00	ug/mL
Magnesium	7439-95-4	20.00	ug/mL
Manganese	7439-96-5	2.00	ug/mL
Molybdenum	7439-98-7	4.00	ug/mL
Nickel	7440-02-0	4.00	ug/mL
Phosphorus	7723-14-0	2.00	ug/mL
Potassium	7440-09-7	20.00	ug/mL
Selenium	7782-49-2	4.00	ug/mL
Silicon	7440-21-3	4.00	ug/mL
Silver	7440-22-4	0.40	ug/mL
Sodium	7440-23-5	20.00	ug/mL
Strontium	7440-24-6	2.00	ug/mL
Thallium	7440-28-0	2.00	ug/mL
Tin	7440-31-5	4.00	ug/mL
Titanium	7440-32-6	2.00	ug/mL
Vanadium	7440-62-2	2.00	ug/mL
Zinc	7440-66-6	2.00	ug/mL

Analytical Standard Record: MC11103

Microbac Laboratories, Inc., Baltimore Division

Description: ICP STD 1
Solvent: -
Vendor: -
Lot No.: -

Expires: 04/09/2011
Prepared: 03/09/2011
Prepared By: Andy P. Smith
Parent Standard: MC11103

Comments: 5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.01	ug/mL
Antimony	7440-36-0	0.00	ug/mL
Arsenic	7440-38-2	0.00	ug/mL
Barium	7440-39-3	0.00	ug/mL
Beryllium	7440-41-7	0.00	ug/mL
Boron	7440-42-8	0.00	ug/mL
Cadmium	7440-43-9	0.00	ug/mL
Calcium	7440-70-2	0.01	ug/mL
Chromium	7440-47-3	0.00	ug/mL
Cobalt	7440-48-4	0.00	ug/mL
Copper	7440-50-8	0.00	ug/mL
Gallium	7440-55-3	0.00	ug/mL
Iron	7439-89-6	0.00	ug/mL
Lead	7439-92-1	0.00	ug/mL
Lithium	7439-93-2	0.00	ug/mL
Magnesium	7439-95-4	0.01	ug/mL

Manganese	7439-96-5	0.00	ug/mL
Molybdenum	7439-98-7	0.00	ug/mL
Nickel	7440-02-0	0.00	ug/mL
Phosphorus	7723-14-0	0.00	ug/mL
Potassium	7440-09-7	0.01	ug/mL
Selenium	7782-49-2	0.00	ug/mL
Silicon	7440-21-3	0.00	ug/mL
Silver	7440-22-4	0.00	ug/mL
Sodium	7440-23-5	0.01	ug/mL
Strontium	7440-24-6	0.00	ug/mL
Thallium	7440-28-0	0.00	ug/mL
Tin	7440-31-5	0.00	ug/mL
Titanium	7440-32-6	0.00	ug/mL
Vanadium	7440-62-2	0.00	ug/mL
Zinc	7440-66-6	0.00	ug/mL

Analytical Standard Record: MC11104

Microbac Laboratories, Inc., Baltimore Division

Description: ICP STD 2
Expires: 04/09/2011
Solvent: -
Prepared: 03/09/2011
Vendor: -
Prepared By: Andy P. Smith
Lot No.: -
Parent Standard: MC11104

Comments: 5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.03	ug/mL
Antimony	7440-36-0	0.01	ug/mL
Arsenic	7440-38-2	0.01	ug/mL
Barium	7440-39-3	0.01	ug/mL
Beryllium	7440-41-7	0.01	ug/mL
Boron	7440-42-8	0.01	ug/mL
Cadmium	7440-43-9	0.00	ug/mL
Calcium	7440-70-2	0.05	ug/mL
Chromium	7440-47-3	0.01	ug/mL
Cobalt	7440-48-4	0.01	ug/mL
Copper	7440-50-8	0.01	ug/mL
Gallium	7440-55-3	0.01	ug/mL
Iron	7439-89-6	0.01	ug/mL
Lead	7439-92-1	0.01	ug/mL
Lithium	7439-93-2	0.01	ug/mL
Magnesium	7439-95-4	0.05	ug/mL
Manganese	7439-96-5	0.01	ug/mL
Molybdenum	7439-98-7	0.01	ug/mL
Nickel	7440-02-0	0.01	ug/mL
Phosphorus	7723-14-0	0.01	ug/mL
Potassium	7440-09-7	0.05	ug/mL
Selenium	7782-49-2	0.01	ug/mL
Silicon	7440-21-3	0.01	ug/mL
Silver	7440-22-4	0.00	ug/mL
Sodium	7440-23-5	0.05	ug/mL

Strontium	7440-24-6	0.01	ug/mL
Thallium	7440-28-0	0.01	ug/mL
Tin	7440-31-5	0.01	ug/mL
Titanium	7440-32-6	0.01	ug/mL
Vanadium	7440-62-2	0.01	ug/mL
Zinc	7440-66-6	0.01	ug/mL

Analytical Standard Record: MC11105

Microbac Laboratories, Inc., Baltimore Division

Description: ICP STD 3
Solvent: -
Vendor: -
Lot No.: -
Expires: 04/09/2011
Prepared: 03/09/2011
Prepared By: Andy P. Smith
Parent Standard: MC11105

Comments: 5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.10	ug/mL
Antimony	7440-36-0	0.04	ug/mL
Arsenic	7440-38-2	0.02	ug/mL
Barium	7440-39-3	0.02	ug/mL
Beryllium	7440-41-7	0.02	ug/mL
Boron	7440-42-8	0.02	ug/mL
Cadmium	7440-43-9	0.01	ug/mL
Calcium	7440-70-2	0.20	ug/mL
Chromium	7440-47-3	0.02	ug/mL
Cobalt	7440-48-4	0.02	ug/mL
Copper	7440-50-8	0.02	ug/mL
Gallium	7440-55-3	0.02	ug/mL
Iron	7439-89-6	0.02	ug/mL
Lead	7439-92-1	0.04	ug/mL
Lithium	7439-93-2	0.04	ug/mL
Magnesium	7439-95-4	0.20	ug/mL
Manganese	7439-96-5	0.02	ug/mL
Molybdenum	7439-98-7	0.04	ug/mL
Nickel	7440-02-0	0.04	ug/mL
Phosphorus	7723-14-0	0.02	ug/mL
Potassium	7440-09-7	0.20	ug/mL
Selenium	7782-49-2	0.04	ug/mL
Silicon	7440-21-3	0.04	ug/mL
Silver	7440-22-4	0.00	ug/mL
Sodium	7440-23-5	0.20	ug/mL
Strontium	7440-24-6	0.02	ug/mL
Thallium	7440-28-0	0.02	ug/mL
Tin	7440-31-5	0.04	ug/mL
Titanium	7440-32-6	0.02	ug/mL
Vanadium	7440-62-2	0.02	ug/mL
Zinc	7440-66-6	0.02	ug/mL

Analytical Standard Record: MC11106

Microbac Laboratories, Inc., Baltimore Division

Description: ICP STD 4
Solvent: -
Vendor: -
Lot No.: -

Expires: 04/09/2011
Prepared: 03/09/2011
Prepared By: Andy P. Smith
Parent Standard: MC11106

Comments: 5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.50	ug/mL
Antimony	7440-36-0	0.20	ug/mL
Arsenic	7440-38-2	0.10	ug/mL
Barium	7440-39-3	0.10	ug/mL
Beryllium	7440-41-7	0.10	ug/mL
Boron	7440-42-8	0.10	ug/mL
Cadmium	7440-43-9	0.05	ug/mL
Calcium	7440-70-2	1.00	ug/mL
Chromium	7440-47-3	0.10	ug/mL
Cobalt	7440-48-4	0.10	ug/mL
Copper	7440-50-8	0.10	ug/mL
Gallium	7440-55-3	0.10	ug/mL
Iron	7439-89-6	0.10	ug/mL
Lead	7439-92-1	0.20	ug/mL
Lithium	7439-93-2	0.20	ug/mL
Magnesium	7439-95-4	1.00	ug/mL
Manganese	7439-96-5	0.10	ug/mL
Molybdenum	7439-98-7	0.20	ug/mL
Nickel	7440-02-0	0.20	ug/mL
Phosphorus	7723-14-0	0.10	ug/mL
Potassium	7440-09-7	1.00	ug/mL
Selenium	7782-49-2	0.20	ug/mL
Silicon	7440-21-3	0.20	ug/mL
Silver	7440-22-4	0.02	ug/mL
Sodium	7440-23-5	1.00	ug/mL
Strontium	7440-24-6	0.10	ug/mL
Thallium	7440-28-0	0.10	ug/mL
Tin	7440-31-5	0.20	ug/mL
Titanium	7440-32-6	0.10	ug/mL
Vanadium	7440-62-2	0.10	ug/mL
Zinc	7440-66-6	0.10	ug/mL

Analytical Standard Record: MC11107

Microbac Laboratories, Inc., Baltimore Division

Description: ICP STD 5
Solvent: -
Vendor: -
Lot No.: -

Expires: 04/09/2011
Prepared: 03/09/2011
Prepared By: Andy P. Smith
Parent Standard: MC11107

Comments: 5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units

Aluminum	7429-90-5	2.50	ug/mL
Antimony	7440-36-0	1.00	ug/mL
Arsenic	7440-38-2	0.50	ug/mL
Barium	7440-39-3	0.50	ug/mL
Beryllium	7440-41-7	0.50	ug/mL
Boron	7440-42-8	0.50	ug/mL
Cadmium	7440-43-9	0.25	ug/mL
Calcium	7440-70-2	5.00	ug/mL
Chromium	7440-47-3	0.50	ug/mL
Cobalt	7440-48-4	0.50	ug/mL
Copper	7440-50-8	0.50	ug/mL
Gallium	7440-55-3	0.50	ug/mL
Iron	7439-89-6	0.50	ug/mL
Lead	7439-92-1	1.00	ug/mL
Lithium	7439-93-2	1.00	ug/mL
Magnesium	7439-95-4	5.00	ug/mL
Manganese	7439-96-5	0.50	ug/mL
Molybdenum	7439-98-7	1.00	ug/mL
Nickel	7440-02-0	1.00	ug/mL
Phosphorus	7723-14-0	0.50	ug/mL
Potassium	7440-09-7	5.00	ug/mL
Selenium	7782-49-2	1.00	ug/mL
Silicon	7440-21-3	1.00	ug/mL
Silver	7440-22-4	0.10	ug/mL
Sodium	7440-23-5	5.00	ug/mL
Strontium	7440-24-6	0.50	ug/mL
Thallium	7440-28-0	0.50	ug/mL
Tin	7440-31-5	1.00	ug/mL
Titanium	7440-32-6	0.50	ug/mL
Vanadium	7440-62-2	0.50	ug/mL
Zinc	7440-66-6	0.50	ug/mL

Analytical Standard Record: MC11108

Microbac Laboratories, Inc., Baltimore Division

Description: ICP STD 7
Solvent: -
Vendor: -
Lot No.: -

Expires: 04/09/2011
Prepared: 03/09/2011
Prepared By: Andy P. Smith
Parent Standard: MC11108

Comments: 5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	50.00	ug/mL
Antimony	7440-36-0	20.00	ug/mL
Arsenic	7440-38-2	10.00	ug/mL
Barium	7440-39-3	10.00	ug/mL
Beryllium	7440-41-7	10.00	ug/mL
Boron	7440-42-8	10.00	ug/mL
Cadmium	7440-43-9	5.00	ug/mL
Calcium	7440-70-2	100.00	ug/mL
Chromium	7440-47-3	10.00	ug/mL

Cobalt	7440-48-4	10.00	ug/mL
Copper	7440-50-8	10.00	ug/mL
Gallium	7440-55-3	10.00	ug/mL
Iron	7439-89-6	10.00	ug/mL
Lead	7439-92-1	20.00	ug/mL
Lithium	7439-93-2	20.00	ug/mL
Magnesium	7439-95-4	100.00	ug/mL
Manganese	7439-96-5	10.00	ug/mL
Molybdenum	7439-98-7	20.00	ug/mL
Nickel	7440-02-0	20.00	ug/mL
Phosphorus	7723-14-0	10.00	ug/mL
Potassium	7440-09-7	100.00	ug/mL
Selenium	7782-49-2	20.00	ug/mL
Silicon	7440-21-3	20.00	ug/mL
Silver	7440-22-4	2.00	ug/mL
Sodium	7440-23-5	100.00	ug/mL
Strontium	7440-24-6	10.00	ug/mL
Thallium	7440-28-0	10.00	ug/mL
Tin	7440-31-5	20.00	ug/mL
Titanium	7440-32-6	10.00	ug/mL
Vanadium	7440-62-2	10.00	ug/mL
Zinc	7440-66-6	10.00	ug/mL

Analytical Standard Record: MC11109

Microbac Laboratories, Inc., Baltimore Division

Description: ICP IFB
Solvent: -
Vendor: Microbac
Lot No.: -
Expires: 03/23/2011
Prepared: 03/09/2011
Prepared By: Andy P. Smith
Parent Standard: MC11109

Comments:

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	100.00	ug/mL
Aluminum	7429-90-5	100.00	ug/mL
Antimony	7440-36-0	1.00	ug/mL
Arsenic	7440-38-2	0.50	ug/mL
Barium	7440-39-3	0.50	ug/mL
Beryllium	7440-41-7	0.50	ug/mL
Boron	7440-42-8	0.50	ug/mL
Cadmium	7440-43-9	10.00	ug/mL
Cadmium	7440-43-9	10.00	ug/mL
Calcium	7440-70-2	100.00	ug/mL
Calcium	7440-70-2	100.00	ug/mL
Chromium	7440-47-3	10.00	ug/mL
Chromium	7440-47-3	10.00	ug/mL
Cobalt	7440-48-4	0.50	ug/mL
Copper	7440-50-8	10.00	ug/mL
Copper	7440-50-8	10.00	ug/mL
Gallium	7440-55-3	0.50	ug/mL
Iron	7439-89-6	100.00	ug/mL

Iron	7439-89-6	100.00	ug/mL
Lead	7439-92-1	1.00	ug/mL
Lithium	7439-93-2	1.00	ug/mL
Magnesium	7439-95-4	100.00	ug/mL
Magnesium	7439-95-4	100.00	ug/mL
Manganese	7439-96-5	10.00	ug/mL
Manganese	7439-96-5	10.00	ug/mL
Molybdenum	7439-98-7	10.00	ug/mL
Molybdenum	7439-98-7	10.00	ug/mL
Nickel	7440-02-0	10.00	ug/mL
Nickel	7440-02-0	10.00	ug/mL
Phosphorus	7723-14-0	0.50	ug/mL
Potassium	7440-09-7	5.00	ug/mL
Selenium	7782-49-2	1.00	ug/mL
Silicon	7440-21-3	1.00	ug/mL
Silver	7440-22-4	0.10	ug/mL
Sodium	7440-23-5	100.00	ug/mL
Sodium	7440-23-5	100.00	ug/mL
Strontium	7440-24-6	0.50	ug/mL
Thallium	7440-28-0	0.50	ug/mL
Tin	7440-31-5	1.00	ug/mL
Titanium	7440-32-6	10.00	ug/mL
Titanium	7440-32-6	10.00	ug/mL
Vanadium	7440-62-2	10.00	ug/mL
Vanadium	7440-62-2	10.00	ug/mL
Zinc	7440-66-6	10.00	ug/mL
Zinc	7440-66-6	10.00	ug/mL

Analytical Standard Record: MC11110

Microbac Laboratories, Inc., Baltimore Division

Description: ICP ICV1
Solvent: -
Vendor: Microbac
Lot No.: =
Expires: 04/09/2011
Prepared: 03/09/2011
Prepared By: Andy P. Smith
Parent Standard: MC11110

Comments:

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	5.00	ug/mL
Antimony	7440-36-0	1.00	ug/mL
Arsenic	7440-38-2	1.00	ug/mL
Barium	7440-39-3	1.00	ug/mL
Beryllium	7440-41-7	1.00	ug/mL
Bismuth	NA	1.00	ug/mL
Boron	7440-42-8	1.00	ug/mL
Cadmium	7440-43-9	1.00	ug/mL
Calcium	7440-70-2	10.00	ug/mL
Chromium	7440-47-3	1.00	ug/mL
Cobalt	7440-48-4	1.00	ug/mL
Copper	7440-50-8	1.00	ug/mL
Gallium	7440-55-3	1.00	ug/mL

Iron	7439-89-6	5.00	ug/mL
Lead	7439-92-1	1.00	ug/mL
Lithium	7439-93-2	1.00	ug/mL
Magnesium	7439-95-4	10.00	ug/mL
Manganese	7439-96-5	1.00	ug/mL
Molybdenum	7439-98-7	1.00	ug/mL
Nickel	7440-02-0	1.00	ug/mL
Nickel_58	7440-02-0	1.00	ug/mL
Nickel_60	7440-02-0	1.00	ug/mL
Nickel_62	7440-02-0	1.00	ug/mL
Phosphorus	7723-14-0	1.00	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Selenium	7782-49-2	1.00	ug/mL
Silicon	7440-21-3	1.00	ug/mL
Silver	7440-22-4	0.50	ug/mL
Sodium	7440-23-5	10.00	ug/mL
Strontium	7440-24-6	1.00	ug/mL
Thallium	7440-28-0	1.00	ug/mL
Tin	7440-31-5	1.00	ug/mL
Titanium	7440-32-6	1.00	ug/mL
Uranium	7440-61-1	1.00	ug/mL
Vanadium	7440-62-2	1.00	ug/mL
Zinc	7440-66-6	1.00	ug/mL

Analytical Standard Record: MC11119

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS, 100ppb Cal Std 5
Expires: 04/10/2011
Solvent: HNO3/HCl
Prepared: 03/11/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: NA
Parent Standard: MC11119

Comments: 4ml HNO3 (MI02901) and 2ml HCl (ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.10	ug/mL
Antimony	7440-36-0	0.10	ug/mL
Arsenic	7440-38-2	0.10	ug/mL
Barium	7440-39-3	0.10	ug/mL
Beryllium	7440-41-7	0.10	ug/mL
Bismuth	NA	0.10	ug/mL
Boron	7440-42-8	0.10	ug/mL
Cadmium	7440-43-9	0.10	ug/mL
Calcium	7440-70-2	10.00	ug/mL
Chromium	7440-47-3	0.10	ug/mL
Cobalt	7440-48-4	0.10	ug/mL
Copper	7440-50-8	0.10	ug/mL
Gallium	7440-55-3	0.10	ug/mL
Iron	7439-89-6	0.10	ug/mL
Lead	7439-92-1	0.10	ug/mL
Magnesium	7439-95-4	0.10	ug/mL
Manganese	7439-96-5	0.10	ug/mL

Molybdenum	7439-98-7	0.10	ug/mL
Nickel	7440-02-0	0.10	ug/mL
Nickel_58	7440-02-0	0.10	ug/mL
Nickel_60	7440-02-0	0.10	ug/mL
Nickel_62	7440-02-0	0.10	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Selenium	7782-49-2	0.10	ug/mL
Silicon	7440-21-3	0.10	ug/mL
Silver	7440-22-4	0.10	ug/mL
Sodium	7440-23-5	10.00	ug/mL
Strontium	7440-24-6	0.10	ug/mL
Thallium	7440-28-0	0.10	ug/mL
Thorium	7440-29-1	0.10	ug/mL
Tin	7440-31-5	0.10	ug/mL
Titanium	7440-32-6	0.10	ug/mL
Uranium	7440-61-1	0.10	ug/mL
Vanadium	7440-62-2	0.10	ug/mL
Zinc	7440-66-6	0.10	ug/mL

Analytical Standard Record: MC11120

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 0.5ppb Cal Std 1
Expires: 03/25/2011
Solvent: HNO3/HCl
Prepared: 03/11/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: N/A
Parent Standard: MC11120

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.00	ug/mL
Antimony	7440-36-0	0.00	ug/mL
Arsenic	7440-38-2	0.00	ug/mL
Barium	7440-39-3	0.00	ug/mL
Beryllium	7440-41-7	0.00	ug/mL
Bismuth	NA	0.00	ug/mL
Boron	7440-42-8	0.00	ug/mL
Cadmium	7440-43-9	0.00	ug/mL
Calcium	7440-70-2	0.05	ug/mL
Chromium	7440-47-3	0.00	ug/mL
Cobalt	7440-48-4	0.00	ug/mL
Copper	7440-50-8	0.00	ug/mL
Gallium	7440-55-3	0.00	ug/mL
Iron	7439-89-6	0.00	ug/mL
Lead	7439-92-1	0.00	ug/mL
Magnesium	7439-95-4	0.00	ug/mL
Manganese	7439-96-5	0.00	ug/mL
Molybdenum	7439-98-7	0.00	ug/mL
Nickel	7440-02-0	0.00	ug/mL
Nickel_58	7440-02-0	0.00	ug/mL
Nickel_60	7440-02-0	0.00	ug/mL
Nickel_62	7440-02-0	0.00	ug/mL

Potassium	7440-09-7	0.05	ug/mL
Selenium	7782-49-2	0.00	ug/mL
Silicon	7440-21-3	0.00	ug/mL
Silver	7440-22-4	0.00	ug/mL
Sodium	7440-23-5	0.05	ug/mL
Strontium	7440-24-6	0.00	ug/mL
Thallium	7440-28-0	0.00	ug/mL
Thorium	7440-29-1	0.00	ug/mL
Tin	7440-31-5	0.00	ug/mL
Titanium	7440-32-6	0.00	ug/mL
Uranium	7440-61-1	0.00	ug/mL
Vanadium	7440-62-2	0.00	ug/mL
Zinc	7440-66-6	0.00	ug/mL

Analytical Standard Record: MC11121

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 1ppb Cal Std 2
Solvent: HNO3/HCl
Vendor: Microbac
Lot No.: NA
Expires: 03/25/2011
Prepared: 03/11/2011
Prepared By: Peter B. Kelly
Parent Standard: MC11121

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.00	ug/mL
Antimony	7440-36-0	0.00	ug/mL
Arsenic	7440-38-2	0.00	ug/mL
Barium	7440-39-3	0.00	ug/mL
Beryllium	7440-41-7	0.00	ug/mL
Bismuth	NA	0.00	ug/mL
Boron	7440-42-8	0.00	ug/mL
Cadmium	7440-43-9	0.00	ug/mL
Calcium	7440-70-2	0.10	ug/mL
Chromium	7440-47-3	0.00	ug/mL
Cobalt	7440-48-4	0.00	ug/mL
Copper	7440-50-8	0.00	ug/mL
Gallium	7440-55-3	0.00	ug/mL
Iron	7439-89-6	0.00	ug/mL
Lead	7439-92-1	0.00	ug/mL
Magnesium	7439-95-4	0.00	ug/mL
Manganese	7439-96-5	0.00	ug/mL
Molybdenum	7439-98-7	0.00	ug/mL
Nickel	7440-02-0	0.00	ug/mL
Nickel_58	7440-02-0	0.00	ug/mL
Nickel_60	7440-02-0	0.00	ug/mL
Nickel_62	7440-02-0	0.00	ug/mL
Potassium	7440-09-7	0.10	ug/mL
Selenium	7782-49-2	0.00	ug/mL
Silicon	7440-21-3	0.00	ug/mL
Silver	7440-22-4	0.00	ug/mL
Sodium	7440-23-5	0.10	ug/mL

Strontium	7440-24-6	0.00	ug/mL
Thallium	7440-28-0	0.00	ug/mL
Thorium	7440-29-1	0.00	ug/mL
Tin	7440-31-5	0.00	ug/mL
Titanium	7440-32-6	0.00	ug/mL
Uranium	7440-61-1	0.00	ug/mL
Vanadium	7440-62-2	0.00	ug/mL
Zinc	7440-66-6	0.00	ug/mL

Analytical Standard Record: MC11122

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 5ppb Cal Std 3
Expires: 03/25/2011
Solvent: HNO3/HCl
Prepared: 03/11/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: NA
Parent Standard: MC11122

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.01	ug/mL
Antimony	7440-36-0	0.01	ug/mL
Arsenic	7440-38-2	0.01	ug/mL
Barium	7440-39-3	0.01	ug/mL
Beryllium	7440-41-7	0.01	ug/mL
Bismuth	NA	0.01	ug/mL
Boron	7440-42-8	0.01	ug/mL
Cadmium	7440-43-9	0.01	ug/mL
Calcium	7440-70-2	0.50	ug/mL
Chromium	7440-47-3	0.01	ug/mL
Cobalt	7440-48-4	0.01	ug/mL
Copper	7440-50-8	0.01	ug/mL
Gallium	7440-55-3	0.01	ug/mL
Iron	7439-89-6	0.01	ug/mL
Lead	7439-92-1	0.01	ug/mL
Magnesium	7439-95-4	0.01	ug/mL
Manganese	7439-96-5	0.01	ug/mL
Molybdenum	7439-98-7	0.01	ug/mL
Nickel	7440-02-0	0.01	ug/mL
Nickel_58	7440-02-0	0.01	ug/mL
Nickel_60	7440-02-0	0.01	ug/mL
Nickel_62	7440-02-0	0.01	ug/mL
Potassium	7440-09-7	0.50	ug/mL
Selenium	7782-49-2	0.01	ug/mL
Silicon	7440-21-3	0.01	ug/mL
Silver	7440-22-4	0.01	ug/mL
Sodium	7440-23-5	0.50	ug/mL
Strontium	7440-24-6	0.01	ug/mL
Thallium	7440-28-0	0.01	ug/mL
Thorium	7440-29-1	0.01	ug/mL
Tin	7440-31-5	0.01	ug/mL
Titanium	7440-32-6	0.01	ug/mL

Uranium	7440-61-1	0.01	ug/mL
Vanadium	7440-62-2	0.01	ug/mL
Zinc	7440-66-6	0.01	ug/mL

Analytical Standard Record: MC11123

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 10ppb Cal Std 4
Expires: 03/25/2011
Solvent: HNO3/HCl
Prepared: 03/11/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: N/A
Parent Standard: MC11123

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.01	ug/mL
Antimony	7440-36-0	0.01	ug/mL
Arsenic	7440-38-2	0.01	ug/mL
Barium	7440-39-3	0.01	ug/mL
Beryllium	7440-41-7	0.01	ug/mL
Bismuth	NA	0.01	ug/mL
Boron	7440-42-8	0.01	ug/mL
Cadmium	7440-43-9	0.01	ug/mL
Calcium	7440-70-2	1.00	ug/mL
Chromium	7440-47-3	0.01	ug/mL
Cobalt	7440-48-4	0.01	ug/mL
Copper	7440-50-8	0.01	ug/mL
Gallium	7440-55-3	0.01	ug/mL
Iron	7439-89-6	0.01	ug/mL
Lead	7439-92-1	0.01	ug/mL
Magnesium	7439-95-4	0.01	ug/mL
Manganese	7439-96-5	0.01	ug/mL
Molybdenum	7439-98-7	0.01	ug/mL
Nickel	7440-02-0	0.01	ug/mL
Nickel_58	7440-02-0	0.01	ug/mL
Nickel_60	7440-02-0	0.01	ug/mL
Nickel_62	7440-02-0	0.01	ug/mL
Potassium	7440-09-7	1.00	ug/mL
Selenium	7782-49-2	0.01	ug/mL
Silicon	7440-21-3	0.01	ug/mL
Silver	7440-22-4	0.01	ug/mL
Sodium	7440-23-5	1.00	ug/mL
Strontium	7440-24-6	0.01	ug/mL
Thallium	7440-28-0	0.01	ug/mL
Thorium	7440-29-1	0.01	ug/mL
Tin	7440-31-5	0.01	ug/mL
Titanium	7440-32-6	0.01	ug/mL
Uranium	7440-61-1	0.01	ug/mL
Vanadium	7440-62-2	0.01	ug/mL
Zinc	7440-66-6	0.01	ug/mL

Analytical Standard Record: MC11125

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 1000ppb HCV
Solvent: HNO3/HCL
Vendor: Microbac
Lot No.: NA

Expires: 03/25/2011
Prepared: 03/11/2011
Prepared By: Peter B. Kelly
Parent Standard: MC11125

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	5.00	ug/mL
Antimony	7440-36-0	1.00	ug/mL
Arsenic	7440-38-2	1.00	ug/mL
Barium	7440-39-3	1.00	ug/mL
Beryllium	7440-41-7	1.00	ug/mL
Bismuth	NA	1.00	ug/mL
Boron	7440-42-8	1.00	ug/mL
Cadmium	7440-43-9	1.00	ug/mL
Calcium	7440-70-2	10.00	ug/mL
Chromium	7440-47-3	1.00	ug/mL
Cobalt	7440-48-4	1.00	ug/mL
Copper	7440-50-8	1.00	ug/mL
Gallium	7440-55-3	1.00	ug/mL
Iron	7439-89-6	5.00	ug/mL
Lead	7439-92-1	1.00	ug/mL
Lithium	7439-93-2	1.00	ug/mL
Magnesium	7439-95-4	10.00	ug/mL
Manganese	7439-96-5	1.00	ug/mL
Molybdenum	7439-98-7	1.00	ug/mL
Nickel	7440-02-0	1.00	ug/mL
Nickel_58	7440-02-0	1.00	ug/mL
Nickel_60	7440-02-0	1.00	ug/mL
Nickel_62	7440-02-0	1.00	ug/mL
Phosphorus	7723-14-0	1.00	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Selenium	7782-49-2	1.00	ug/mL
Silicon	7440-21-3	1.00	ug/mL
Silver	7440-22-4	0.50	ug/mL
Sodium	7440-23-5	10.00	ug/mL
Strontium	7440-24-6	1.00	ug/mL
Thallium	7440-28-0	1.00	ug/mL
Tin	7440-31-5	1.00	ug/mL
Titanium	7440-32-6	1.00	ug/mL
Uranium	7440-61-1	1.00	ug/mL
Vanadium	7440-62-2	1.00	ug/mL
Zinc	7440-66-6	1.00	ug/mL

Analytical Standard Record: MC11126

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 500ppb SCV
Solvent: HNO3/HCL
Vendor: Microbac
Lot No.: NA

Expires: 03/25/2011
Prepared: 03/11/2011
Prepared By: Peter B. Kelly
Parent Standard: MC11126

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	2.50	ug/mL
Antimony	7440-36-0	0.50	ug/mL
Arsenic	7440-38-2	0.50	ug/mL
Barium	7440-39-3	0.50	ug/mL
Beryllium	7440-41-7	0.50	ug/mL
Bismuth	NA	0.50	ug/mL
Boron	7440-42-8	0.50	ug/mL
Cadmium	7440-43-9	0.50	ug/mL
Calcium	7440-70-2	5.00	ug/mL
Chromium	7440-47-3	0.50	ug/mL
Cobalt	7440-48-4	0.50	ug/mL
Copper	7440-50-8	0.50	ug/mL
Gallium	7440-55-3	0.50	ug/mL
Iron	7439-89-6	2.50	ug/mL
Lead	7439-92-1	0.50	ug/mL
Lithium	7439-93-2	0.50	ug/mL
Magnesium	7439-95-4	5.00	ug/mL
Manganese	7439-96-5	0.50	ug/mL
Molybdenum	7439-98-7	0.50	ug/mL
Nickel	7440-02-0	0.50	ug/mL
Nickel_58	7440-02-0	0.50	ug/mL
Nickel_60	7440-02-0	0.50	ug/mL
Nickel_62	7440-02-0	0.50	ug/mL
Phosphorus	7723-14-0	0.50	ug/mL
Potassium	7440-09-7	5.00	ug/mL
Selenium	7782-49-2	0.50	ug/mL
Silicon	7440-21-3	0.50	ug/mL
Silver	7440-22-4	0.25	ug/mL
Sodium	7440-23-5	5.00	ug/mL
Strontium	7440-24-6	0.50	ug/mL
Thallium	7440-28-0	0.50	ug/mL
Tin	7440-31-5	0.50	ug/mL
Titanium	7440-32-6	0.50	ug/mL
Uranium	7440-61-1	0.50	ug/mL
Vanadium	7440-62-2	0.50	ug/mL
Zinc	7440-66-6	0.50	ug/mL

Analytical Standard Record: MC11127

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS ICV, 40ppb
Solvent: 2% HNO3/1%HCl
Vendor: Microbac
Lot No.: NA

Expires: 03/25/2011
Prepared: 03/11/2011
Prepared By: Peter B. Kelly
Parent Standard: MC11127

Comments: 1.0ml MI0201, 0.5ml ML01003

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.20	ug/mL
Antimony	7440-36-0	0.04	ug/mL
Arsenic	7440-38-2	0.04	ug/mL
Barium	7440-39-3	0.04	ug/mL
Beryllium	7440-41-7	0.04	ug/mL
Bismuth	NA	0.04	ug/mL
Boron	7440-42-8	0.04	ug/mL
Cadmium	7440-43-9	0.04	ug/mL
Calcium	7440-70-2	0.40	ug/mL
Chromium	7440-47-3	0.04	ug/mL
Cobalt	7440-48-4	0.04	ug/mL
Copper	7440-50-8	0.04	ug/mL
Gallium	7440-55-3	0.04	ug/mL
Iron	7439-89-6	0.20	ug/mL
Lead	7439-92-1	0.04	ug/mL
Lithium	7439-93-2	0.04	ug/mL
Magnesium	7439-95-4	0.40	ug/mL
Manganese	7439-96-5	0.04	ug/mL
Molybdenum	7439-98-7	0.04	ug/mL
Nickel	7440-02-0	0.04	ug/mL
Nickel_58	7440-02-0	0.04	ug/mL
Nickel_60	7440-02-0	0.04	ug/mL
Nickel_62	7440-02-0	0.04	ug/mL
Phosphorus	7723-14-0	0.04	ug/mL
Potassium	7440-09-7	0.40	ug/mL
Selenium	7782-49-2	0.04	ug/mL
Silicon	7440-21-3	0.04	ug/mL
Silver	7440-22-4	0.02	ug/mL
Sodium	7440-23-5	0.40	ug/mL
Strontium	7440-24-6	0.04	ug/mL
Thallium	7440-28-0	0.04	ug/mL
Tin	7440-31-5	0.04	ug/mL
Titanium	7440-32-6	0.04	ug/mL
Uranium	7440-61-1	0.04	ug/mL
Vanadium	7440-62-2	0.04	ug/mL
Zinc	7440-66-6	0.04	ug/mL

Analytical Standard Record: MC11128

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS IFA Working Std
Solvent: 5% HNO3
Vendor: Microbac
Lot No.: NA
Expires: 03/25/2011
Prepared: 03/11/2011
Prepared By: Peter B. Kelly
Parent Standard: MC11128

Comments: 1ml HNO3 (MI02901) and 0.5ml HCL (ML01003)

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	10.00	ug/mL
Calcium	7440-70-2	30.00	ug/mL
Iron	7439-89-6	25.00	ug/mL
Magnesium	7439-95-4	10.00	ug/mL
Molybdenum	7439-98-7	0.20	ug/mL
Phosphorus	7723-14-0	10.00	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Sodium	7440-23-5	25.00	ug/mL
Sulfur	7704-34-9	10.00	ug/mL
Titanium	7440-32-6	0.20	ug/mL

Analytical Standard Record: MC11129

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS IFAB Working Std
Solvent: 5% HNO3
Vendor: Microbac
Lot No.: NA
Expires: 03/25/2011
Prepared: 03/11/2011
Prepared By: Peter B. Kelly
Parent Standard: MC11129

Comments: 1ml HNO3 (MI02901) and 0.5ml HCL (ML01003), 0.5ml IS Stock.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	10.00	ug/mL
Arsenic	7440-38-2	0.10	ug/mL
Cadmium	7440-43-9	0.10	ug/mL
Calcium	7440-70-2	30.00	ug/mL
Chromium	7440-47-3	0.20	ug/mL
Cobalt	7440-48-4	0.20	ug/mL
Copper	7440-50-8	0.20	ug/mL
Iron	7439-89-6	25.00	ug/mL
Magnesium	7439-95-4	10.00	ug/mL
Manganese	7439-96-5	0.20	ug/mL
Molybdenum	7439-98-7	0.20	ug/mL
Nickel	7440-02-0	0.20	ug/mL
Phosphorus	7723-14-0	10.00	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Selenium	7782-49-2	0.10	ug/mL
Silver	7440-22-4	0.05	ug/mL
Sodium	7440-23-5	25.00	ug/mL
Sulfur	7704-34-9	10.00	ug/mL
Titanium	7440-32-6	0.20	ug/mL
Vanadium	7440-62-2	0.20	ug/mL
Zinc	7440-66-6	0.10	ug/mL

Analytical Standard Record: MC11401

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 200
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/18/2011
Prepared: 03/11/2011
Prepared By: Mark B. Horan
Parent Standard: MC11401

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20	ug/mL
1,1,1-Trichloroethane	71-55-6	0.20	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.20	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.20	ug/mL
1,1,2-Trichloroethane	79-00-5	0.20	ug/mL
1,1-Dichloroethane	75-34-3	0.20	ug/mL
1,1-Dichloroethene	75-35-4	0.20	ug/mL
1,1-Dichloropropene	563-58-6	0.20	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.20	ug/mL
1,2,3-Trichloropropane	96-18-4	0.20	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.20	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.20	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.20	ug/mL
1,2-Dibromoethane	106-93-4	0.20	ug/mL
1,2-Dichlorobenzene	95-50-1	0.20	ug/mL
1,2-Dichloroethane	107-06-2	0.20	ug/mL
1,2-Dichloropropane	78-87-5	0.20	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.20	ug/mL
1,3-Dichlorobenzene	541-73-1	0.20	ug/mL
1,3-Dichloropropane	142-28-9	0.20	ug/mL
1,4-Dichlorobenzene	106-46-7	0.20	ug/mL
2,2-Dichloropropane	590-20-7	0.20	ug/mL
2-Butanone (MEK)	78-93-3	1.00	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.10	ug/mL
2-Chlorotoluene	95-49-8	0.20	ug/mL
2-Hexanone (MBK)	591-78-6	1.00	ug/mL
2-Nitropropane	79-46-9	0.20	ug/mL
4-Chlorotoluene	106-43-4	0.20	ug/mL
4-Isopropyltoluene	99-87-6	0.20	ug/mL
Acetone	67-64-1	1.00	ug/mL
Acetonitrile	75-05-8	0.20	ug/mL
Acrolein	107-02-8	1.00	ug/mL
Acrylonitrile	107-13-1	0.20	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.20	ug/mL
Benzene	71-43-2	0.20	ug/mL
Bromobenzene	108-86-1	0.20	ug/mL
Bromochloromethane	74-97-5	0.20	ug/mL
Bromodichloromethane	75-27-4	0.20	ug/mL
Bromoform	75-25-2	0.20	ug/mL
Bromomethane	74-83-9	0.20	ug/mL

Butylbenzene	135-98-8	0.20	ug/mL
Carbon disulfide	75-15-0	0.20	ug/mL
Carbon Tetrachloride	56-23-5	0.20	ug/mL
Chlorobenzene	108-90-7	0.20	ug/mL
Chloroethane	75-00-3	0.20	ug/mL
Chloroform	67-66-3	0.20	ug/mL
Chloromethane	74-87-3	0.20	ug/mL
Chloroprene	126-99-8	0.20	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.20	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.20	ug/mL
Cyclohexane	110-82-7	0.20	ug/mL
Dibromochloromethane	124-48-1	0.20	ug/mL
Dibromomethane	74-95-3	0.20	ug/mL
Dichlorodifluoromethane	75-71-8	0.20	ug/mL
Ethyl Methacrylate	97-63-2	0.20	ug/mL
Ethylbenzene	100-41-4	0.20	ug/mL
Hexachlorobutadiene	87-68-3	0.20	ug/mL
Iodomethane	74-88-4	0.20	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.20	ug/mL
m,p-Xylenes	108-38-3	0.40	ug/mL
Methacrylonitrile	126-98-7	0.20	ug/mL
Methyl Acetate	76-20-9	0.20	ug/mL
Methyl Isobutyl Ketone	108-10-1	1.00	ug/mL
Methyl Methacrylate	80-62-6	0.20	ug/mL
Methylcyclohexane	108-87-2	0.20	ug/mL
Methylene Chloride	75-09-2	0.20	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.20	ug/mL
Naphthalene	91-20-3	0.20	ug/mL
o-Xylene	95-47-6	0.20	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.20	ug/mL
Propylbenzene	103-65-1	0.20	ug/mL
sec-Butylbenzene	135-98-8	0.20	ug/mL
Styrene	100-42-5	0.20	ug/mL
tert-Butylbenzene	98-06-6	0.20	ug/mL
Tetrachloroethene	127-18-4	0.20	ug/mL
Tetrahydrofuran	109-99-9	0.20	ug/mL
Toluene	108-88-3	0.20	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.20	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.20	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.20	ug/mL
Trichloroethene	79-01-6	0.20	ug/mL
Trichlorofluoromethane	75-69-4	0.20	ug/mL
Vinyl acetate	108-05-4	0.20	ug/mL
Vinyl chloride	75-01-4	0.20	ug/mL

Analytical Standard Record: MC11402

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 100
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/24/2011
Prepared: 03/14/2011
Prepared By: Mark B. Horan
Parent Standard: MC11402

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.10	ug/mL
1,1,1-Trichloroethane	71-55-6	0.10	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.10	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.10	ug/mL
1,1,2-Trichloroethane	79-00-5	0.10	ug/mL
1,1-Dichloroethane	75-34-3	0.10	ug/mL
1,1-Dichloroethene	75-35-4	0.10	ug/mL
1,1-Dichloropropene	563-58-6	0.10	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.10	ug/mL
1,2,3-Trichloropropane	96-18-4	0.10	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.10	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.10	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.10	ug/mL
1,2-Dibromoethane	106-93-4	0.10	ug/mL
1,2-Dichlorobenzene	95-50-1	0.10	ug/mL
1,2-Dichloroethane	107-06-2	0.10	ug/mL
1,2-Dichloropropane	78-87-5	0.10	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.10	ug/mL
1,3-Dichlorobenzene	541-73-1	0.10	ug/mL
1,3-Dichloropropane	142-28-9	0.10	ug/mL
1,4-Dichlorobenzene	106-46-7	0.10	ug/mL
2,2-Dichloropropane	590-20-7	0.10	ug/mL
2-Butanone (MEK)	78-93-3	0.50	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.05	ug/mL
2-Chlorotoluene	95-49-8	0.10	ug/mL
2-Hexanone (MBK)	591-78-6	0.50	ug/mL
2-Nitropropane	79-46-9	0.10	ug/mL
4-Chlorotoluene	106-43-4	0.10	ug/mL
4-Isopropyltoluene	99-87-6	0.10	ug/mL
Acetone	67-64-1	0.50	ug/mL
Acetonitrile	75-05-8	0.10	ug/mL
Acrolein	107-02-8	0.50	ug/mL
Acrylonitrile	107-13-1	0.10	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.10	ug/mL
Benzene	71-43-2	0.10	ug/mL
Bromobenzene	108-86-1	0.10	ug/mL
Bromochloromethane	74-97-5	0.10	ug/mL
Bromodichloromethane	75-27-4	0.10	ug/mL
Bromoform	75-25-2	0.10	ug/mL
Bromomethane	74-83-9	0.10	ug/mL

Butylbenzene	135-98-8	0.10	ug/mL
Carbon disulfide	75-15-0	0.10	ug/mL
Carbon Tetrachloride	56-23-5	0.10	ug/mL
Chlorobenzene	108-90-7	0.10	ug/mL
Chloroethane	75-00-3	0.10	ug/mL
Chloroform	67-66-3	0.10	ug/mL
Chloromethane	74-87-3	0.10	ug/mL
Chloroprene	126-99-8	0.10	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.10	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.10	ug/mL
Cyclohexane	110-82-7	0.10	ug/mL
Dibromochloromethane	124-48-1	0.10	ug/mL
Dibromomethane	74-95-3	0.10	ug/mL
Dichlorodifluoromethane	75-71-8	0.10	ug/mL
Ethyl Methacrylate	97-63-2	0.10	ug/mL
Ethylbenzene	100-41-4	0.10	ug/mL
Hexachlorobutadiene	87-68-3	0.10	ug/mL
Iodomethane	74-88-4	0.10	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.10	ug/mL
m,p-Xylenes	108-38-3	0.20	ug/mL
Methacrylonitrile	126-98-7	0.10	ug/mL
Methyl Acetate	76-20-9	0.10	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.50	ug/mL
Methyl Methacrylate	80-62-6	0.10	ug/mL
Methylcyclohexane	108-87-2	0.10	ug/mL
Methylene Chloride	75-09-2	0.10	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.10	ug/mL
Naphthalene	91-20-3	0.10	ug/mL
o-Xylene	95-47-6	0.10	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.10	ug/mL
Propylbenzene	103-65-1	0.10	ug/mL
sec-Butylbenzene	135-98-8	0.10	ug/mL
Styrene	100-42-5	0.10	ug/mL
tert-Butylbenzene	98-06-6	0.10	ug/mL
Tetrachloroethene	127-18-4	0.10	ug/mL
Tetrahydrofuran	109-99-9	0.10	ug/mL
Toluene	108-88-3	0.10	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.10	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.10	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.10	ug/mL
Trichloroethene	79-01-6	0.10	ug/mL
Trichlorofluoromethane	75-69-4	0.10	ug/mL
Vinyl acetate	108-05-4	0.10	ug/mL
Vinyl chloride	75-01-4	0.10	ug/mL

Analytical Standard Record: MC11403

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 50
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/24/2011
Prepared: 03/14/2011
Prepared By: Mark B. Horan
Parent Standard: MC11403

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.05	ug/mL
1,1,1-Trichloroethane	71-55-6	0.05	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.05	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.05	ug/mL
1,1,2-Trichloroethane	79-00-5	0.05	ug/mL
1,1-Dichloroethane	75-34-3	0.05	ug/mL
1,1-Dichloroethene	75-35-4	0.05	ug/mL
1,1-Dichloropropene	563-58-6	0.05	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.05	ug/mL
1,2,3-Trichloropropane	96-18-4	0.05	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.05	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.05	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.05	ug/mL
1,2-Dibromoethane	106-93-4	0.05	ug/mL
1,2-Dichlorobenzene	95-50-1	0.05	ug/mL
1,2-Dichloroethane	107-06-2	0.05	ug/mL
1,2-Dichloropropane	78-87-5	0.05	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.05	ug/mL
1,3-Dichlorobenzene	541-73-1	0.05	ug/mL
1,3-Dichloropropane	142-28-9	0.05	ug/mL
1,4-Dichlorobenzene	106-46-7	0.05	ug/mL
2,2-Dichloropropane	590-20-7	0.05	ug/mL
2-Butanone (MEK)	78-93-3	0.25	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.03	ug/mL
2-Chlorotoluene	95-49-8	0.05	ug/mL
2-Hexanone (MBK)	591-78-6	0.25	ug/mL
2-Nitropropane	79-46-9	0.05	ug/mL
4-Chlorotoluene	106-43-4	0.05	ug/mL
4-Isopropyltoluene	99-87-6	0.05	ug/mL
Acetone	67-64-1	0.25	ug/mL
Acetonitrile	75-05-8	0.05	ug/mL
Acrolein	107-02-8	0.25	ug/mL
Acrylonitrile	107-13-1	0.05	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.05	ug/mL
Benzene	71-43-2	0.05	ug/mL
Bromobenzene	108-86-1	0.05	ug/mL
Bromochloromethane	74-97-5	0.05	ug/mL
Bromodichloromethane	75-27-4	0.05	ug/mL
Bromoform	75-25-2	0.05	ug/mL
Bromomethane	74-83-9	0.05	ug/mL

Butylbenzene	135-98-8	0.05	ug/mL
Carbon disulfide	75-15-0	0.05	ug/mL
Carbon Tetrachloride	56-23-5	0.05	ug/mL
Chlorobenzene	108-90-7	0.05	ug/mL
Chloroethane	75-00-3	0.05	ug/mL
Chloroform	67-66-3	0.05	ug/mL
Chloromethane	74-87-3	0.05	ug/mL
Chloroprene	126-99-8	0.05	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.05	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.05	ug/mL
Cyclohexane	110-82-7	0.05	ug/mL
Dibromochloromethane	124-48-1	0.05	ug/mL
Dibromomethane	74-95-3	0.05	ug/mL
Dichlorodifluoromethane	75-71-8	0.05	ug/mL
Ethyl Methacrylate	97-63-2	0.05	ug/mL
Ethylbenzene	100-41-4	0.05	ug/mL
Hexachlorobutadiene	87-68-3	0.05	ug/mL
Iodomethane	74-88-4	0.05	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.05	ug/mL
m,p-Xylenes	108-38-3	0.10	ug/mL
Methacrylonitrile	126-98-7	0.05	ug/mL
Methyl Acetate	76-20-9	0.05	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.25	ug/mL
Methyl Methacrylate	80-62-6	0.05	ug/mL
Methylcyclohexane	108-87-2	0.05	ug/mL
Methylene Chloride	75-09-2	0.05	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.05	ug/mL
Naphthalene	91-20-3	0.05	ug/mL
o-Xylene	95-47-6	0.05	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.05	ug/mL
Propylbenzene	103-65-1	0.05	ug/mL
sec-Butylbenzene	135-98-8	0.05	ug/mL
Styrene	100-42-5	0.05	ug/mL
tert-Butylbenzene	98-06-6	0.05	ug/mL
Tetrachloroethene	127-18-4	0.05	ug/mL
Tetrahydrofuran	109-99-9	0.05	ug/mL
Toluene	108-88-3	0.05	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.05	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.05	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.05	ug/mL
Trichloroethene	79-01-6	0.05	ug/mL
Trichlorofluoromethane	75-69-4	0.05	ug/mL
Vinyl acetate	108-05-4	0.05	ug/mL
Vinyl chloride	75-01-4	0.05	ug/mL

Analytical Standard Record: MC11404

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 20
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/24/2011
Prepared: 03/14/2011
Prepared By: Mark B. Horan
Parent Standard: MC11404

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.02	ug/mL
1,1,1-Trichloroethane	71-55-6	0.02	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.02	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.02	ug/mL
1,1,2-Trichloroethane	79-00-5	0.02	ug/mL
1,1-Dichloroethane	75-34-3	0.02	ug/mL
1,1-Dichloroethene	75-35-4	0.02	ug/mL
1,1-Dichloropropene	563-58-6	0.02	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.02	ug/mL
1,2,3-Trichloropropane	96-18-4	0.02	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.02	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.02	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.02	ug/mL
1,2-Dibromoethane	106-93-4	0.02	ug/mL
1,2-Dichlorobenzene	95-50-1	0.02	ug/mL
1,2-Dichloroethane	107-06-2	0.02	ug/mL
1,2-Dichloropropane	78-87-5	0.02	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.02	ug/mL
1,3-Dichlorobenzene	541-73-1	0.02	ug/mL
1,3-Dichloropropane	142-28-9	0.02	ug/mL
1,4-Dichlorobenzene	106-46-7	0.02	ug/mL
2,2-Dichloropropane	590-20-7	0.02	ug/mL
2-Butanone (MEK)	78-93-3	0.10	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.01	ug/mL
2-Chlorotoluene	95-49-8	0.02	ug/mL
2-Hexanone (MBK)	591-78-6	0.10	ug/mL
2-Nitropropane	79-46-9	0.02	ug/mL
4-Chlorotoluene	106-43-4	0.02	ug/mL
4-Isopropyltoluene	99-87-6	0.02	ug/mL
Acetone	67-64-1	0.10	ug/mL
Acetonitrile	75-05-8	0.02	ug/mL
Acrolein	107-02-8	0.10	ug/mL
Acrylonitrile	107-13-1	0.02	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.02	ug/mL
Benzene	71-43-2	0.02	ug/mL
Bromobenzene	108-86-1	0.02	ug/mL
Bromochloromethane	74-97-5	0.02	ug/mL
Bromodichloromethane	75-27-4	0.02	ug/mL
Bromoform	75-25-2	0.02	ug/mL
Bromomethane	74-83-9	0.02	ug/mL

Butylbenzene	135-98-8	0.02	ug/mL
Carbon disulfide	75-15-0	0.02	ug/mL
Carbon Tetrachloride	56-23-5	0.02	ug/mL
Chlorobenzene	108-90-7	0.02	ug/mL
Chloroethane	75-00-3	0.02	ug/mL
Chloroform	67-66-3	0.02	ug/mL
Chloromethane	74-87-3	0.02	ug/mL
Chloroprene	126-99-8	0.02	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.02	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.02	ug/mL
Cyclohexane	110-82-7	0.02	ug/mL
Dibromochloromethane	124-48-1	0.02	ug/mL
Dibromomethane	74-95-3	0.02	ug/mL
Dichlorodifluoromethane	75-71-8	0.02	ug/mL
Ethyl Methacrylate	97-63-2	0.02	ug/mL
Ethylbenzene	100-41-4	0.02	ug/mL
Hexachlorobutadiene	87-68-3	0.02	ug/mL
Iodomethane	74-88-4	0.02	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.02	ug/mL
m,p-Xylenes	108-38-3	0.04	ug/mL
Methacrylonitrile	126-98-7	0.02	ug/mL
Methyl Acetate	76-20-9	0.02	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.10	ug/mL
Methyl Methacrylate	80-62-6	0.02	ug/mL
Methylcyclohexane	108-87-2	0.02	ug/mL
Methylene Chloride	75-09-2	0.02	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.02	ug/mL
Naphthalene	91-20-3	0.02	ug/mL
o-Xylene	95-47-6	0.02	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.02	ug/mL
Propylbenzene	103-65-1	0.02	ug/mL
sec-Butylbenzene	135-98-8	0.02	ug/mL
Styrene	100-42-5	0.02	ug/mL
tert-Butylbenzene	98-06-6	0.02	ug/mL
Tetrachloroethene	127-18-4	0.02	ug/mL
Tetrahydrofuran	109-99-9	0.02	ug/mL
Toluene	108-88-3	0.02	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.02	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.02	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.02	ug/mL
Trichloroethene	79-01-6	0.02	ug/mL
Trichlorofluoromethane	75-69-4	0.02	ug/mL
Vinyl acetate	108-05-4	0.02	ug/mL
Vinyl chloride	75-01-4	0.02	ug/mL

Analytical Standard Record: MC11405

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 10
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/24/2011
Prepared: 03/14/2011
Prepared By: Mark B. Horan
Parent Standard: MC11405

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.01	ug/mL
1,1,1-Trichloroethane	71-55-6	0.01	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.01	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.01	ug/mL
1,1,2-Trichloroethane	79-00-5	0.01	ug/mL
1,1-Dichloroethane	75-34-3	0.01	ug/mL
1,1-Dichloroethene	75-35-4	0.01	ug/mL
1,1-Dichloropropene	563-58-6	0.01	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.01	ug/mL
1,2,3-Trichloropropane	96-18-4	0.01	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.01	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.01	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.01	ug/mL
1,2-Dibromoethane	106-93-4	0.01	ug/mL
1,2-Dichlorobenzene	95-50-1	0.01	ug/mL
1,2-Dichloroethane	107-06-2	0.01	ug/mL
1,2-Dichloropropane	78-87-5	0.01	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.01	ug/mL
1,3-Dichlorobenzene	541-73-1	0.01	ug/mL
1,3-Dichloropropane	142-28-9	0.01	ug/mL
1,4-Dichlorobenzene	106-46-7	0.01	ug/mL
2,2-Dichloropropane	590-20-7	0.01	ug/mL
2-Butanone (MEK)	78-93-3	0.05	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.01	ug/mL
2-Chlorotoluene	95-49-8	0.01	ug/mL
2-Hexanone (MBK)	591-78-6	0.05	ug/mL
2-Nitropropane	79-46-9	0.01	ug/mL
4-Chlorotoluene	106-43-4	0.01	ug/mL
4-Isopropyltoluene	99-87-6	0.01	ug/mL
Acetone	67-64-1	0.05	ug/mL
Acetonitrile	75-05-8	0.01	ug/mL
Acrolein	107-02-8	0.05	ug/mL
Acrylonitrile	107-13-1	0.01	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.01	ug/mL
Benzene	71-43-2	0.01	ug/mL
Bromobenzene	108-86-1	0.01	ug/mL
Bromochloromethane	74-97-5	0.01	ug/mL
Bromodichloromethane	75-27-4	0.01	ug/mL
Bromoform	75-25-2	0.01	ug/mL
Bromomethane	74-83-9	0.01	ug/mL

Butylbenzene	135-98-8	0.01	ug/mL
Carbon disulfide	75-15-0	0.01	ug/mL
Carbon Tetrachloride	56-23-5	0.01	ug/mL
Chlorobenzene	108-90-7	0.01	ug/mL
Chloroethane	75-00-3	0.01	ug/mL
Chloroform	67-66-3	0.01	ug/mL
Chloromethane	74-87-3	0.01	ug/mL
Chloroprene	126-99-8	0.01	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.01	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.01	ug/mL
Cyclohexane	110-82-7	0.01	ug/mL
Dibromochloromethane	124-48-1	0.01	ug/mL
Dibromomethane	74-95-3	0.01	ug/mL
Dichlorodifluoromethane	75-71-8	0.01	ug/mL
Ethyl Methacrylate	97-63-2	0.01	ug/mL
Ethylbenzene	100-41-4	0.01	ug/mL
Hexachlorobutadiene	87-68-3	0.01	ug/mL
Iodomethane	74-88-4	0.01	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.01	ug/mL
m,p-Xylenes	108-38-3	0.02	ug/mL
Methacrylonitrile	126-98-7	0.01	ug/mL
Methyl Acetate	76-20-9	0.01	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.05	ug/mL
Methyl Methacrylate	80-62-6	0.01	ug/mL
Methylcyclohexane	108-87-2	0.01	ug/mL
Methylene Chloride	75-09-2	0.01	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.01	ug/mL
Naphthalene	91-20-3	0.01	ug/mL
o-Xylene	95-47-6	0.01	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.01	ug/mL
Propylbenzene	103-65-1	0.01	ug/mL
sec-Butylbenzene	135-98-8	0.01	ug/mL
Styrene	100-42-5	0.01	ug/mL
tert-Butylbenzene	98-06-6	0.01	ug/mL
Tetrachloroethene	127-18-4	0.01	ug/mL
Tetrahydrofuran	109-99-9	0.01	ug/mL
Toluene	108-88-3	0.01	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.01	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.01	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.01	ug/mL
Trichloroethene	79-01-6	0.01	ug/mL
Trichlorofluoromethane	75-69-4	0.01	ug/mL
Vinyl acetate	108-05-4	0.01	ug/mL
Vinyl chloride	75-01-4	0.01	ug/mL

Analytical Standard Record: MC11406

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 5
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/24/2011
Prepared: 03/14/2011
Prepared By: Mark B. Horan
Parent Standard: MC11406

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.01	ug/mL
1,1,1-Trichloroethane	71-55-6	0.01	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.01	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.01	ug/mL
1,1,2-Trichloroethane	79-00-5	0.01	ug/mL
1,1-Dichloroethane	75-34-3	0.01	ug/mL
1,1-Dichloroethene	75-35-4	0.01	ug/mL
1,1-Dichloropropene	563-58-6	0.01	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.01	ug/mL
1,2,3-Trichloropropane	96-18-4	0.01	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.01	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.01	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.01	ug/mL
1,2-Dibromoethane	106-93-4	0.01	ug/mL
1,2-Dichlorobenzene	95-50-1	0.01	ug/mL
1,2-Dichloroethane	107-06-2	0.01	ug/mL
1,2-Dichloropropane	78-87-5	0.01	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.01	ug/mL
1,3-Dichlorobenzene	541-73-1	0.01	ug/mL
1,3-Dichloropropane	142-28-9	0.01	ug/mL
1,4-Dichlorobenzene	106-46-7	0.01	ug/mL
2,2-Dichloropropane	590-20-7	0.01	ug/mL
2-Butanone (MEK)	78-93-3	0.03	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.00	ug/mL
2-Chlorotoluene	95-49-8	0.01	ug/mL
2-Hexanone (MBK)	591-78-6	0.03	ug/mL
2-Nitropropane	79-46-9	0.01	ug/mL
4-Chlorotoluene	106-43-4	0.01	ug/mL
4-Isopropyltoluene	99-87-6	0.01	ug/mL
Acetone	67-64-1	0.03	ug/mL
Acetonitrile	75-05-8	0.01	ug/mL
Acrolein	107-02-8	0.03	ug/mL
Acrylonitrile	107-13-1	0.01	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.01	ug/mL
Benzene	71-43-2	0.01	ug/mL
Bromobenzene	108-86-1	0.01	ug/mL
Bromochloromethane	74-97-5	0.01	ug/mL
Bromodichloromethane	75-27-4	0.01	ug/mL
Bromoform	75-25-2	0.01	ug/mL
Bromomethane	74-83-9	0.01	ug/mL

Butylbenzene	135-98-8	0.01	ug/mL
Carbon disulfide	75-15-0	0.01	ug/mL
Carbon Tetrachloride	56-23-5	0.01	ug/mL
Chlorobenzene	108-90-7	0.01	ug/mL
Chloroethane	75-00-3	0.01	ug/mL
Chloroform	67-66-3	0.01	ug/mL
Chloromethane	74-87-3	0.01	ug/mL
Chloroprene	126-99-8	0.01	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.01	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.01	ug/mL
Cyclohexane	110-82-7	0.01	ug/mL
Dibromochloromethane	124-48-1	0.01	ug/mL
Dibromomethane	74-95-3	0.01	ug/mL
Dichlorodifluoromethane	75-71-8	0.01	ug/mL
Ethyl Methacrylate	97-63-2	0.01	ug/mL
Ethylbenzene	100-41-4	0.01	ug/mL
Hexachlorobutadiene	87-68-3	0.01	ug/mL
Iodomethane	74-88-4	0.01	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.01	ug/mL
m,p-Xylenes	108-38-3	0.01	ug/mL
Methacrylonitrile	126-98-7	0.01	ug/mL
Methyl Acetate	76-20-9	0.01	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.03	ug/mL
Methyl Methacrylate	80-62-6	0.01	ug/mL
Methylcyclohexane	108-87-2	0.01	ug/mL
Methylene Chloride	75-09-2	0.01	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.01	ug/mL
Naphthalene	91-20-3	0.01	ug/mL
o-Xylene	95-47-6	0.01	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.01	ug/mL
Propylbenzene	103-65-1	0.01	ug/mL
sec-Butylbenzene	135-98-8	0.01	ug/mL
Styrene	100-42-5	0.01	ug/mL
tert-Butylbenzene	98-06-6	0.01	ug/mL
Tetrachloroethene	127-18-4	0.01	ug/mL
Tetrahydrofuran	109-99-9	0.01	ug/mL
Toluene	108-88-3	0.01	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.01	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.01	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.01	ug/mL
Trichloroethene	79-01-6	0.01	ug/mL
Trichlorofluoromethane	75-69-4	0.01	ug/mL
Vinyl acetate	108-05-4	0.01	ug/mL
Vinyl chloride	75-01-4	0.01	ug/mL

Analytical Standard Record: MC11407

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 1
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/24/2011
Prepared: 03/14/2011
Prepared By: Mark B. Horan
Parent Standard: MC11407

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.00	ug/mL
1,1,1-Trichloroethane	71-55-6	0.00	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.00	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.00	ug/mL
1,1,2-Trichloroethane	79-00-5	0.00	ug/mL
1,1-Dichloroethane	75-34-3	0.00	ug/mL
1,1-Dichloroethene	75-35-4	0.00	ug/mL
1,1-Dichloropropene	563-58-6	0.00	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.00	ug/mL
1,2,3-Trichloropropane	96-18-4	0.00	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.00	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.00	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.00	ug/mL
1,2-Dibromoethane	106-93-4	0.00	ug/mL
1,2-Dichlorobenzene	95-50-1	0.00	ug/mL
1,2-Dichloroethane	107-06-2	0.00	ug/mL
1,2-Dichloropropane	78-87-5	0.00	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.00	ug/mL
1,3-Dichlorobenzene	541-73-1	0.00	ug/mL
1,3-Dichloropropane	142-28-9	0.00	ug/mL
1,4-Dichlorobenzene	106-46-7	0.00	ug/mL
2,2-Dichloropropane	590-20-7	0.00	ug/mL
2-Butanone (MEK)	78-93-3	0.01	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.00	ug/mL
2-Chlorotoluene	95-49-8	0.00	ug/mL
2-Hexanone (MBK)	591-78-6	0.01	ug/mL
2-Nitropropane	79-46-9	0.00	ug/mL
4-Chlorotoluene	106-43-4	0.00	ug/mL
4-Isopropyltoluene	99-87-6	0.00	ug/mL
Acetone	67-64-1	0.01	ug/mL
Acetonitrile	75-05-8	0.00	ug/mL
Acrolein	107-02-8	0.01	ug/mL
Acrylonitrile	107-13-1	0.00	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.00	ug/mL
Benzene	71-43-2	0.00	ug/mL
Bromobenzene	108-86-1	0.00	ug/mL
Bromochloromethane	74-97-5	0.00	ug/mL
Bromodichloromethane	75-27-4	0.00	ug/mL
Bromoform	75-25-2	0.00	ug/mL
Bromomethane	74-83-9	0.00	ug/mL

Butylbenzene	135-98-8	0.00	ug/mL
Carbon disulfide	75-15-0	0.00	ug/mL
Carbon Tetrachloride	56-23-5	0.00	ug/mL
Chlorobenzene	108-90-7	0.00	ug/mL
Chloroethane	75-00-3	0.00	ug/mL
Chloroform	67-66-3	0.00	ug/mL
Chloromethane	74-87-3	0.00	ug/mL
Chloroprene	126-99-8	0.00	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.00	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.00	ug/mL
Cyclohexane	110-82-7	0.00	ug/mL
Dibromochloromethane	124-48-1	0.00	ug/mL
Dibromomethane	74-95-3	0.00	ug/mL
Dichlorodifluoromethane	75-71-8	0.00	ug/mL
Ethyl Methacrylate	97-63-2	0.00	ug/mL
Ethylbenzene	100-41-4	0.00	ug/mL
Hexachlorobutadiene	87-68-3	0.00	ug/mL
Iodomethane	74-88-4	0.00	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.00	ug/mL
m,p-Xylenes	108-38-3	0.00	ug/mL
Methacrylonitrile	126-98-7	0.00	ug/mL
Methyl Acetate	76-20-9	0.00	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.01	ug/mL
Methyl Methacrylate	80-62-6	0.00	ug/mL
Methylcyclohexane	108-87-2	0.00	ug/mL
Methylene Chloride	75-09-2	0.00	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.00	ug/mL
Naphthalene	91-20-3	0.00	ug/mL
o-Xylene	95-47-6	0.00	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.00	ug/mL
Propylbenzene	103-65-1	0.00	ug/mL
sec-Butylbenzene	135-98-8	0.00	ug/mL
Styrene	100-42-5	0.00	ug/mL
tert-Butylbenzene	98-06-6	0.00	ug/mL
Tetrachloroethene	127-18-4	0.00	ug/mL
Tetrahydrofuran	109-99-9	0.00	ug/mL
Toluene	108-88-3	0.00	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.00	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.00	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.00	ug/mL
Trichloroethene	79-01-6	0.00	ug/mL
Trichlorofluoromethane	75-69-4	0.00	ug/mL
Vinyl acetate	108-05-4	0.00	ug/mL
Vinyl chloride	75-01-4	0.00	ug/mL

Analytical Standard Record: MC11409

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 20 - BS/BSD
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 03/24/2011
Prepared: 03/14/2011
Prepared By: Mark B. Horan
Parent Standard: MC11409

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.02	ug/mL
1,1,1-Trichloroethane	71-55-6	0.02	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.02	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.02	ug/mL
1,1,2-Trichloroethane	79-00-5	0.02	ug/mL
1,1-Dichloroethane	75-34-3	0.02	ug/mL
1,1-Dichloroethene	75-35-4	0.02	ug/mL
1,1-Dichloropropene	563-58-6	0.02	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.02	ug/mL
1,2,3-Trichloropropane	96-18-4	0.02	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.02	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.02	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.02	ug/mL
1,2-Dibromoethane	106-93-4	0.02	ug/mL
1,2-Dichlorobenzene	95-50-1	0.02	ug/mL
1,2-Dichloroethane	107-06-2	0.02	ug/mL
1,2-Dichloropropane	78-87-5	0.02	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.02	ug/mL
1,3-Dichlorobenzene	541-73-1	0.02	ug/mL
1,3-Dichloropropane	142-28-9	0.02	ug/mL
1,4-Dichlorobenzene	106-46-7	0.02	ug/mL
2,2-Dichloropropane	590-20-7	0.02	ug/mL
2-Butanone (MEK)	78-93-3	0.10	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.01	ug/mL
2-Chlorotoluene	95-49-8	0.02	ug/mL
2-Hexanone (MBK)	591-78-6	0.10	ug/mL
2-Nitropropane	79-46-9	0.02	ug/mL
4-Chlorotoluene	106-43-4	0.02	ug/mL
4-Isopropyltoluene	99-87-6	0.02	ug/mL
Acetone	67-64-1	0.10	ug/mL
Acetonitrile	75-05-8	0.02	ug/mL
Acrolein	107-02-8	0.10	ug/mL
Acrylonitrile	107-13-1	0.02	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.02	ug/mL
Benzene	71-43-2	0.02	ug/mL
Bromobenzene	108-86-1	0.02	ug/mL
Bromochloromethane	74-97-5	0.02	ug/mL
Bromodichloromethane	75-27-4	0.02	ug/mL
Bromoform	75-25-2	0.02	ug/mL
Bromomethane	74-83-9	0.02	ug/mL

Butylbenzene	135-98-8	0.02	ug/mL
Carbon disulfide	75-15-0	0.02	ug/mL
Carbon Tetrachloride	56-23-5	0.02	ug/mL
Chlorobenzene	108-90-7	0.02	ug/mL
Chloroethane	75-00-3	0.02	ug/mL
Chloroform	67-66-3	0.02	ug/mL
Chloromethane	74-87-3	0.02	ug/mL
Chloroprene	126-99-8	0.02	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.02	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.02	ug/mL
Cyclohexane	110-82-7	0.02	ug/mL
Dibromochloromethane	124-48-1	0.02	ug/mL
Dibromomethane	74-95-3	0.02	ug/mL
Dichlorodifluoromethane	75-71-8	0.02	ug/mL
Ethyl Methacrylate	97-63-2	0.02	ug/mL
Ethylbenzene	100-41-4	0.02	ug/mL
Hexachlorobutadiene	87-68-3	0.02	ug/mL
Iodomethane	74-88-4	0.02	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.02	ug/mL
m,p-Xylenes	108-38-3	0.04	ug/mL
Methacrylonitrile	126-98-7	0.02	ug/mL
Methyl Acetate	76-20-9	0.02	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.10	ug/mL
Methyl Methacrylate	80-62-6	0.02	ug/mL
Methylcyclohexane	108-87-2	0.02	ug/mL
Methylene Chloride	75-09-2	0.02	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.02	ug/mL
Naphthalene	91-20-3	0.02	ug/mL
o-Xylene	95-47-6	0.02	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.02	ug/mL
Propylbenzene	103-65-1	0.02	ug/mL
sec-Butylbenzene	135-98-8	0.02	ug/mL
Styrene	100-42-5	0.02	ug/mL
tert-Butylbenzene	98-06-6	0.02	ug/mL
Tetrachloroethene	127-18-4	0.02	ug/mL
Tetrahydrofuran	109-99-9	0.02	ug/mL
Toluene	108-88-3	0.02	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.02	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.02	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.02	ug/mL
Trichloroethene	79-01-6	0.02	ug/mL
Trichlorofluoromethane	75-69-4	0.02	ug/mL
Vinyl acetate	108-05-4	0.02	ug/mL
Vinyl chloride	75-01-4	0.02	ug/mL

Analytical Standard Record: MC11410

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 Matrix Spike Solution
Expires: 09/14/2011
Solvent: Acetone/MF90304
Prepared: 03/14/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC11410

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	50.00	ug/mL
1,2-Dichlorobenzene	95-50-1	50.00	ug/mL
1,2-Dinitrobenzene	528-29-0	50.00	ug/mL
1,2-Diphenylhydrazine	122-66-7	50.00	ug/mL
1,3-Dichlorobenzene	541-73-1	50.00	ug/mL
1,3-Dinitrobenzene	99-65-0	50.00	ug/mL
1,4-Dichlorobenzene	106-46-7	50.00	ug/mL
1,4-Dintrobenzene		50.00	ug/mL
1-Methylnaphthalene	90-12-0	50.00	ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	50.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	50.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	50.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	50.00	ug/mL
2,4-Dichlorophenol	120-83-2	50.00	ug/mL
2,4-Dimethylphenol	105-67-9	50.00	ug/mL
2,4-Dinitrophenol	51-28-5	50.00	ug/mL
2,4-Dinitrotoluene	121-14-2	50.00	ug/mL
2,6-Dinitrotoluene	606-20-2	50.00	ug/mL
2-Chloronaphthalene	91-58-7	50.00	ug/mL
2-Chlorophenol	95-57-8	50.00	ug/mL
2-Methylnaphthalene	91-57-6	50.00	ug/mL
2-Methylphenol	95-48-7	50.00	ug/mL
2-Nitroaniline	88-74-4	50.00	ug/mL
2-Nitrophenol	88-75-5	50.00	ug/mL
3,3′-Dichlorobenzidine	91-94-1	50.00	ug/mL
3-Nitroaniline	99-09-2	50.00	ug/mL
4,6-Dinitro-2-methylphenol	534-52-1	50.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	50.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	50.00	ug/mL
4-Chloroaniline	106-47-8	50.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	50.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	50.00	ug/mL
4-Nitroaniline	100-01-6	50.00	ug/mL
4-Nitrophenol	100-02-7	50.00	ug/mL
Acenaphthene	83-32-9	50.00	ug/mL
Acenaphthylene	208-96-8	50.00	ug/mL
Aniline	62-53-3	50.00	ug/mL
Anthracene	120-12-7	50.00	ug/mL
Azobenzene	103-33-3	50.00	ug/mL
Benz(a)anthracene	56-55-3	50.00	ug/mL

Benzidine	92-87-5	50.00	ug/mL
Benzo[a]pyrene	50-32-8	50.00	ug/mL
Benzo[b]fluoranthene	205-99-2	50.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	50.00	ug/mL
Benzo[k]fluoranthene	207-08-9	50.00	ug/mL
Benzoic Acid	65-85-0	50.00	ug/mL
Benzyl alcohol	100-51-6	50.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	50.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	50.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	50.00	ug/mL
Bis(2-ethylhexl)adipate		50.00	ug/mL
bis(2-Ethylhexyl)adipate	103-23-1	50.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	50.00	ug/mL
Butylbenzylphthalate	85-68-7	50.00	ug/mL
Carbazole	86-74-8	50.00	ug/mL
Chrysene	218-01-9	50.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	50.00	ug/mL
Dibenzofuran	132-64-9	50.00	ug/mL
Diethylphthalate	84-66-2	50.00	ug/mL
Dimethylphthalate	131-11-3	50.00	ug/mL
Di-n-butylphthalate	84-74-2	50.00	ug/mL
Di-n-octylphthalate	117-84-0	50.00	ug/mL
Fluoranthene	206-44-0	50.00	ug/mL
Fluorene	86-73-7	50.00	ug/mL
Hexachlorobenzene	118-74-1	50.00	ug/mL
Hexachlorobutadiene	87-68-3	50.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	50.00	ug/mL
Hexachloroethane	67-72-1	50.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	50.00	ug/mL
Isophorone	78-59-1	50.00	ug/mL
meta/para-Cresol	1330-20-7	50.00	ug/mL
Naphthalene	91-20-3	50.00	ug/mL
Nitrobenzene	98-95-3	50.00	ug/mL
N-Nitrosodimethylamine	62-75-9	50.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	50.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	50.00	ug/mL
o-Cresol	95-48-7	50.00	ug/mL
Pentachloroethane	76-01-7	50.00	ug/mL
Pentachlorophenol	87-86-5	50.00	ug/mL
Phenanthrene	85-01-8	50.00	ug/mL
Phenol	108-95-2	50.00	ug/mL
Pyrene	129-00-0	50.00	ug/mL
Pyridine	110-86-1	50.00	ug/mL

Analytical Standard Record: MC12215

Microbac Laboratories, Inc., Baltimore Division

Description: %SOLIDS/TDS LCS, 2%
Solvent: DI Water
Vendor: Microbac
Lot No.: -

Expires: 09/22/2011
Prepared: 03/22/2011
Prepared By: Lisa C. Ragin
Parent Standard: MC12215

Comments: VERIFIED 03/22/2011 BY LCR
40g TO 2000ML OF DI H2O
EXPIRATION BY: 09/22/2011

Analyte	CAS Number	Concentration	Units
% Moisture	%Moisture	1,000,000.00	ug/mL
% Solids	%Solids	20,000.00	ug/mL
Moisture	Percent Moisture	1,000,000.00	ug/mL
TDS Average		20,000.00	ug/mL
Total Dissolved Solids	E1642222	20,000.00	ug/mL
Total Dissolved Solids A		20,000.00	ug/mL
Total Dissolved Solids B		20,000.00	ug/mL
Total Dissolved Solids C		20,000.00	ug/mL
Total Dissolved Solids D		20,000.00	ug/mL
Total Solids	NA	20,000.00	ug/mL
Volatile Solids, Total		200.00	ug/mL
Volatile Suspended Solids		200.00	ug/mL

Analytical Standard Record: MC12225

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS IS Working Standard, 0.050mg/L
Solvent: 2%HNO3
Vendor: Microbac
Lot No.: NA

Expires: 06/21/2011
Prepared: 03/22/2011
Prepared By: Peter B. Kelly
Parent Standard: MC12225

Comments: 80ml HNO3 MI02901

Analyte	CAS Number	Concentration	Units
Germanium	7440-56-4	0.05	ug/mL
Holmium	7440-60-0	0.05	ug/mL
Indium		0.05	ug/mL
Lithium	7439-93-2	0.05	ug/mL
Rhodium		0.05	ug/mL
Scandium	7440-20-2	0.05	ug/mL
Terbium	7440-27-9	0.05	ug/mL
Yttrium	7440-65-5	0.05	ug/mL

Analytical Standard Record: MC12226

Microbac Laboratories, Inc., Baltimore Division

Description: ICP IFA
Solvent: -
Vendor: Microbac
Lot No.: -

Expires: 04/05/2011
Prepared: 03/22/2011
Prepared By: Andy P. Smith
Parent Standard: MC12226

Comments:

Analyte	CAS Number	Concentration	Units

Aluminum	7429-90-5	97.50	ug/mL
Cadmium	7440-43-9	9.75	ug/mL
Calcium	7440-70-2	95.00	ug/mL
Chromium	7440-47-3	9.50	ug/mL
Copper	7440-50-8	9.50	ug/mL
Iron	7439-89-6	99.50	ug/mL
Magnesium	7439-95-4	95.00	ug/mL
Manganese	7439-96-5	9.50	ug/mL
Molybdenum	7439-98-7	9.00	ug/mL
Nickel	7440-02-0	9.00	ug/mL
Sodium	7440-23-5	95.00	ug/mL
Titanium	7440-32-6	9.50	ug/mL
Vanadium	7440-62-2	9.50	ug/mL
Zinc	7440-66-6	9.50	ug/mL

Analytical Standard Record: MC12228

Microbac Laboratories, Inc., Baltimore Division

Description: 8270 Tuning Std (50ppm)
Expires: 06/22/2011
Solvent: Mecl2
Prepared: 03/22/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC12228

Comments:

Analyte	CAS Number	Concentration	Units
4,4´-DDT	50-29-3	50.00	ug/mL
Benzidine	92-87-5	50.00	ug/mL
DFTPP	5074-71-5	50.00	ug/mL
Pentachlorophenol	87-86-5	50.00	ug/mL

Analytical Standard Record: MC12236

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS ICV, 100ppb
Expires: 04/05/2011
Solvent: 2% HNO3/1%HCl
Prepared: 03/22/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: NA
Parent Standard: MC12236

Comments: 1.0ml MI0201, 0.5ml ML01003

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.50	ug/mL
Antimony	7440-36-0	0.10	ug/mL
Arsenic	7440-38-2	0.10	ug/mL
Barium	7440-39-3	0.10	ug/mL
Beryllium	7440-41-7	0.10	ug/mL
Bismuth	NA	0.10	ug/mL
Boron	7440-42-8	0.10	ug/mL
Cadmium	7440-43-9	0.10	ug/mL
Calcium	7440-70-2	1.00	ug/mL
Chromium	7440-47-3	0.10	ug/mL
Cobalt	7440-48-4	0.10	ug/mL
Copper	7440-50-8	0.10	ug/mL

Gallium	7440-55-3	0.10	ug/mL
Iron	7439-89-6	0.50	ug/mL
Lead	7439-92-1	0.10	ug/mL
Lithium	7439-93-2	0.10	ug/mL
Magnesium	7439-95-4	1.00	ug/mL
Manganese	7439-96-5	0.10	ug/mL
Molybdenum	7439-98-7	0.10	ug/mL
Nickel	7440-02-0	0.10	ug/mL
Nickel_58	7440-02-0	0.10	ug/mL
Nickel_60	7440-02-0	0.10	ug/mL
Nickel_62	7440-02-0	0.10	ug/mL
Phosphorus	7723-14-0	0.10	ug/mL
Potassium	7440-09-7	1.00	ug/mL
Selenium	7782-49-2	0.10	ug/mL
Silicon	7440-21-3	0.10	ug/mL
Silver	7440-22-4	0.05	ug/mL
Sodium	7440-23-5	1.00	ug/mL
Strontium	7440-24-6	0.10	ug/mL
Thallium	7440-28-0	0.10	ug/mL
Tin	7440-31-5	0.10	ug/mL
Titanium	7440-32-6	0.10	ug/mL
Uranium	7440-61-1	0.10	ug/mL
Vanadium	7440-62-2	0.10	ug/mL
Zinc	7440-66-6	0.10	ug/mL

Analytical Standard Record: MC12302

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 CCV - 20
Expires: 03/18/2011
Solvent: DI
Prepared: 03/23/2011
Vendor: Microbac
Prepared By: Mark B. Horan
Lot No.: -
Parent Standard: MC12302

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.02	ug/mL
1,1,1-Trichloroethane	71-55-6	0.02	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.02	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.02	ug/mL
1,1,2-Trichloroethane	79-00-5	0.02	ug/mL
1,1-Dichloroethane	75-34-3	0.02	ug/mL
1,1-Dichloroethene	75-35-4	0.02	ug/mL
1,1-Dichloropropene	563-58-6	0.02	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.02	ug/mL
1,2,3-Trichloropropane	96-18-4	0.02	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.02	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.02	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.02	ug/mL
1,2-Dibromoethane	106-93-4	0.02	ug/mL
1,2-Dichlorobenzene	95-50-1	0.02	ug/mL
1,2-Dichloroethane	107-06-2	0.02	ug/mL

1,2-Dichloropropane	78-87-5	0.02	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.02	ug/mL
1,3-Dichlorobenzene	541-73-1	0.02	ug/mL
1,3-Dichloropropane	142-28-9	0.02	ug/mL
1,4-Dichlorobenzene	106-46-7	0.02	ug/mL
2,2-Dichloropropane	590-20-7	0.02	ug/mL
2-Butanone (MEK)	78-93-3	0.10	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.02	ug/mL
2-Chlorotoluene	95-49-8	0.02	ug/mL
2-Hexanone (MBK)	591-78-6	0.10	ug/mL
2-Nitropropane	79-46-9	0.02	ug/mL
4-Chlorotoluene	106-43-4	0.02	ug/mL
4-Isopropyltoluene	99-87-6	0.02	ug/mL
Acetone	67-64-1	0.10	ug/mL
Acetonitrile	75-05-8	0.02	ug/mL
Acrolein	107-02-8	0.10	ug/mL
Acrylonitrile	107-13-1	0.02	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.02	ug/mL
Benzene	71-43-2	0.02	ug/mL
Bromobenzene	108-86-1	0.02	ug/mL
Bromochloromethane	74-97-5	0.02	ug/mL
Bromodichloromethane	75-27-4	0.02	ug/mL
Bromoform	75-25-2	0.02	ug/mL
Bromomethane	74-83-9	0.02	ug/mL
Butylbenzene	135-98-8	0.02	ug/mL
Carbon disulfide	75-15-0	0.02	ug/mL
Carbon Tetrachloride	56-23-5	0.02	ug/mL
Chlorobenzene	108-90-7	0.02	ug/mL
Chloroethane	75-00-3	0.02	ug/mL
Chloroform	67-66-3	0.02	ug/mL
Chloromethane	74-87-3	0.02	ug/mL
Chloroprene	126-99-8	0.02	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.02	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.02	ug/mL
Cyclohexane	110-82-7	0.02	ug/mL
Dibromochloromethane	124-48-1	0.02	ug/mL
Dibromomethane	74-95-3	0.02	ug/mL
Dichlorodifluoromethane	75-71-8	0.02	ug/mL
Ethyl Methacrylate	97-63-2	0.02	ug/mL
Ethylbenzene	100-41-4	0.02	ug/mL
Hexachlorobutadiene	87-68-3	0.02	ug/mL
Iodomethane	74-88-4	0.02	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.02	ug/mL
m,p-Xylenes	108-38-3	0.04	ug/mL
Methacrylonitrile	126-98-7	0.02	ug/mL
Methyl Acetate	76-20-9	0.02	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.10	ug/mL
Methyl Methacrylate	80-62-6	0.02	ug/mL
Methylcyclohexane	108-87-2	0.02	ug/mL

Methylene Chloride	75-09-2	0.02	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.02	ug/mL
Naphthalene	91-20-3	0.02	ug/mL
o-Xylene	95-47-6	0.02	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.02	ug/mL
Propylbenzene	103-65-1	0.02	ug/mL
sec-Butylbenzene	135-98-8	0.02	ug/mL
Styrene	100-42-5	0.02	ug/mL
tert-Butylbenzene	98-06-6	0.02	ug/mL
Tetrachloroethene	127-18-4	0.02	ug/mL
Tetrahydrofuran	109-99-9	0.02	ug/mL
Toluene	108-88-3	0.02	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.02	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.02	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.02	ug/mL
Trichloroethene	79-01-6	0.02	ug/mL
Trichlorofluoromethane	75-69-4	0.02	ug/mL
Vinyl acetate	108-05-4	0.02	ug/mL
Vinyl chloride	75-01-4	0.02	ug/mL

Analytical Standard Record: MC12308

Microbac Laboratories, Inc., Baltimore Division

Description: COD LCS, 40mg/L
Solvent: DI
Vendor: Microbac
Lot No.: .
Expires: 09/23/2011
Prepared: 03/23/2011
Prepared By: Lisa C. Ragin
Parent Standard: MC12308

Comments: 2 mls Qsed to 50 mls
prepared: 03/23/2011
expired:09/23/2011

Analyte	CAS Number	Concentration	Units
COD, Soluble		40.04	ug/mL
COD, Total	E1641638	40.04	ug/mL

Analytical Standard Record: MC12310

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICAL 1.0 ppm (03/23/11)
Solvent: Methylene Chloride/MF91603
Vendor: Microbac
Lot No.: -
Expires: 09/23/2011
Prepared: 03/23/2011
Prepared By: Ronald C. Stacy
Parent Standard: MC12310

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	1.00	ug/mL
1,2-Dichlorobenzene	95-50-1	1.00	ug/mL
1,2-Dinitrobenzene	528-29-0	1.00	ug/mL
1,3-Dichlorobenzene	541-73-1	1.00	ug/mL
1,3-Dinitrobenzene	99-65-0	1.00	ug/mL
1,4-Dichlorobenzene	106-46-7	1.00	ug/mL
1,4-Dintrobenzene		1.00	ug/mL
1-Methylnaphthalene	90-12-0	1.00	ug/mL

2,3,4,6-Tetrachlorophenol	58-90-2	1.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	1.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	1.00	ug/mL
2,4,6-Tribromophenol	118-79-6	1.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	1.00	ug/mL
2,4-Dichlorophenol	120-83-2	1.00	ug/mL
2,4-Dimethylphenol	105-67-9	1.00	ug/mL
2,4-Dinitrophenol	51-28-5	1.00	ug/mL
2,4-Dinitrotoluene	121-14-2	1.00	ug/mL
2,6-Dinitrotoluene	606-20-2	1.00	ug/mL
2-Chloronaphthalene	91-58-7	1.00	ug/mL
2-Chlorophenol	95-57-8	1.00	ug/mL
2-Fluorobiphenyl	321-60-8	1.00	ug/mL
2-Fluorophenol	367-12-4	1.00	ug/mL
2-Methylnaphthalene	91-57-6	1.00	ug/mL
2-Methylphenol	95-48-7	1.00	ug/mL
2-Nitroaniline	88-74-4	1.00	ug/mL
2-Nitrophenol	88-75-5	1.00	ug/mL
3,3´-Dichlorobenzidine	91-94-1	1.00	ug/mL
3,3'-Dimethylbenzidine	119-93-7	1.00	ug/mL
3-Nitroaniline	99-09-2	1.00	ug/mL
4,6-Dinitro-2-methylphenol	534-52-1	1.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	1.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	1.00	ug/mL
4-Chloroaniline	106-47-8	1.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	1.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	1.00	ug/mL
4-Nitroaniline	100-01-6	1.00	ug/mL
4-Nitrophenol	100-02-7	1.00	ug/mL
Acenaphthene	83-32-9	1.00	ug/mL
Acenaphthylene	208-96-8	1.00	ug/mL
Aniline	62-53-3	1.00	ug/mL
Anthracene	120-12-7	1.00	ug/mL
Azobenzene	103-33-3	1.00	ug/mL
Benz(a)anthracene	56-55-3	1.00	ug/mL
Benzidine	92-87-5	1.00	ug/mL
Benzo[a]pyrene	50-32-8	1.00	ug/mL
Benzo[b]fluoranthene	205-99-2	1.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	1.00	ug/mL
Benzo[k]fluoranthene	207-08-9	1.00	ug/mL
Benzoic Acid	65-85-0	1.00	ug/mL
Benzyl alcohol	100-51-6	1.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	1.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	1.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	1.00	ug/mL
Bis(2-ethylhexl)adipate		1.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	1.00	ug/mL
Butylbenzylphthalate	85-68-7	1.00	ug/mL
Carbazole	86-74-8	1.00	ug/mL

Chrysene	218-01-9	1.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	1.00	ug/mL
Dibenzofuran	132-64-9	1.00	ug/mL
Diethylphthalate	84-66-2	1.00	ug/mL
Dimethylphthalate	131-11-3	1.00	ug/mL
Di-n-butylphthalate	84-74-2	1.00	ug/mL
Di-n-octylphthalate	117-84-0	1.00	ug/mL
Fluoranthene	206-44-0	1.00	ug/mL
Fluorene	86-73-7	1.00	ug/mL
Hexachlorobenzene	118-74-1	1.00	ug/mL
Hexachlorobutadiene	87-68-3	1.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	1.00	ug/mL
Hexachloroethane	67-72-1	1.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	1.00	ug/mL
Isophorone	78-59-1	1.00	ug/mL
Naphthalene	91-20-3	1.00	ug/mL
Nitrobenzene	98-95-3	1.00	ug/mL
Nitrobenzene-d5	4165-60-0	1.00	ug/mL
N-Nitrosodimethylamine	62-75-9	1.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	1.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	1.00	ug/mL
Pentachloroethane	76-01-7	1.00	ug/mL
Pentachlorophenol	87-86-5	1.00	ug/mL
Phenanthrene	85-01-8	1.00	ug/mL
Phenol	108-95-2	1.00	ug/mL
Phenol-d5	4165-62-2	1.00	ug/mL
Pyrene	129-00-0	1.00	ug/mL
Pyridine	110-86-1	1.00	ug/mL
Terphenyl-d14	1718-51-0	1.00	ug/mL

Analytical Standard Record: MC12312

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICAL 5.0 ppm (03/23/11)
Expires: 09/23/2011
Solvent: Methylene Chloride/MF91603
Prepared: 03/23/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC12312

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	5.00	ug/mL
1,2-Dichlorobenzene	95-50-1	5.00	ug/mL
1,2-Dinitrobenzene	528-29-0	5.00	ug/mL
1,3-Dichlorobenzene	541-73-1	5.00	ug/mL
1,3-Dinitrobenzene	99-65-0	5.00	ug/mL
1,4-Dichlorobenzene	106-46-7	5.00	ug/mL
1,4-Dintrobenzene		5.00	ug/mL
1-Methylnaphthalene	90-12-0	5.00	ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	5.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	5.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	5.00	ug/mL

2,4,6-Tribromophenol	118-79-6	5.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	5.00	ug/mL
2,4-Dichlorophenol	120-83-2	5.00	ug/mL
2,4-Dimethylphenol	105-67-9	5.00	ug/mL
2,4-Dinitrophenol	51-28-5	5.00	ug/mL
2,4-Dinitrotoluene	121-14-2	5.00	ug/mL
2,6-Dinitrotoluene	606-20-2	5.00	ug/mL
2-Chloronaphthalene	91-58-7	5.00	ug/mL
2-Chlorophenol	95-57-8	5.00	ug/mL
2-Fluorobiphenyl	321-60-8	5.00	ug/mL
2-Fluorophenol	367-12-4	5.00	ug/mL
2-Methylnaphthalene	91-57-6	5.00	ug/mL
2-Methylphenol	95-48-7	5.00	ug/mL
2-Nitroaniline	88-74-4	5.00	ug/mL
2-Nitrophenol	88-75-5	5.00	ug/mL
3,3´-Dichlorobenzidine	91-94-1	5.00	ug/mL
3,3'-Dimethylbenzidine	119-93-7	5.00	ug/mL
3-Nitroaniline	99-09-2	5.00	ug/mL
4,6-Dinitro-2-methylphenol	534-52-1	5.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	5.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	5.00	ug/mL
4-Chloroaniline	106-47-8	5.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	5.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	5.00	ug/mL
4-Nitroaniline	100-01-6	5.00	ug/mL
4-Nitrophenol	100-02-7	5.00	ug/mL
Acenaphthene	83-32-9	5.00	ug/mL
Acenaphthylene	208-96-8	5.00	ug/mL
Aniline	62-53-3	5.00	ug/mL
Anthracene	120-12-7	5.00	ug/mL
Azobenzene	103-33-3	5.00	ug/mL
Benz(a)anthracene	56-55-3	5.00	ug/mL
Benzidine	92-87-5	5.00	ug/mL
Benzo[a]pyrene	50-32-8	5.00	ug/mL
Benzo[b]fluoranthene	205-99-2	5.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	5.00	ug/mL
Benzo[k]fluoranthene	207-08-9	5.00	ug/mL
Benzoic Acid	65-85-0	5.00	ug/mL
Benzyl alcohol	100-51-6	5.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	5.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	5.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	5.00	ug/mL
Bis(2-ethylhexl)adipate		5.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	5.00	ug/mL
Butylbenzylphthalate	85-68-7	5.00	ug/mL
Carbazole	86-74-8	5.00	ug/mL
Chrysene	218-01-9	5.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	5.00	ug/mL
Dibenzofuran	132-64-9	5.00	ug/mL

Diethylphthalate	84-66-2	5.00	ug/mL
Dimethylphthalate	131-11-3	5.00	ug/mL
Di-n-butylphthalate	84-74-2	5.00	ug/mL
Di-n-octylphthalate	117-84-0	5.00	ug/mL
Fluoranthene	206-44-0	5.00	ug/mL
Fluorene	86-73-7	5.00	ug/mL
Hexachlorobenzene	118-74-1	5.00	ug/mL
Hexachlorobutadiene	87-68-3	5.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	5.00	ug/mL
Hexachloroethane	67-72-1	5.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	5.00	ug/mL
Isophorone	78-59-1	5.00	ug/mL
Naphthalene	91-20-3	5.00	ug/mL
Nitrobenzene	98-95-3	5.00	ug/mL
Nitrobenzene-d5	4165-60-0	5.00	ug/mL
N-Nitrosodimethylamine	62-75-9	5.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	5.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	5.00	ug/mL
Pentachloroethane	76-01-7	5.00	ug/mL
Pentachlorophenol	87-86-5	5.00	ug/mL
Phenanthrene	85-01-8	5.00	ug/mL
Phenol	108-95-2	5.00	ug/mL
Phenol-d5	4165-62-2	5.00	ug/mL
Pyrene	129-00-0	5.00	ug/mL
Pyridine	110-86-1	5.00	ug/mL
Terphenyl-d14	1718-51-0	5.00	ug/mL

Analytical Standard Record: MC12313

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICAL 10.0 ppm (03/23/11)
Expires: 09/23/2011
Solvent: Methylene Chloride/MF91603
Prepared: 03/23/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC12313

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	10.00	ug/mL
1,2-Dichlorobenzene	95-50-1	10.00	ug/mL
1,2-Dinitrobenzene	528-29-0	10.00	ug/mL
1,3-Dichlorobenzene	541-73-1	10.00	ug/mL
1,3-Dinitrobenzene	99-65-0	10.00	ug/mL
1,4-Dichlorobenzene	106-46-7	10.00	ug/mL
1,4-Dintrobenzene		10.00	ug/mL
1-Methylnaphthalene	90-12-0	10.00	ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	10.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	10.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	10.00	ug/mL
2,4,6-Tribromophenol	118-79-6	10.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	10.00	ug/mL
2,4-Dichlorophenol	120-83-2	10.00	ug/mL

2,4-Dimethylphenol	105-67-9	10.00	ug/mL
2,4-Dinitrophenol	51-28-5	10.00	ug/mL
2,4-Dinitrotoluene	121-14-2	10.00	ug/mL
2,6-Dinitrotoluene	606-20-2	10.00	ug/mL
2-Chloronaphthalene	91-58-7	10.00	ug/mL
2-Chlorophenol	95-57-8	10.00	ug/mL
2-Fluorobiphenyl	321-60-8	10.00	ug/mL
2-Fluorophenol	367-12-4	10.00	ug/mL
2-Methylnaphthalene	91-57-6	10.00	ug/mL
2-Methylphenol	95-48-7	10.00	ug/mL
2-Nitroaniline	88-74-4	10.00	ug/mL
2-Nitrophenol	88-75-5	10.00	ug/mL
3,3´-Dichlorobenzidine	91-94-1	10.00	ug/mL
3,3'-Dimethylbenzidine	119-93-7	10.00	ug/mL
3-Nitroaniline	99-09-2	10.00	ug/mL
4,6-Dinitro-2-methylphenol	534-52-1	10.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	10.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	10.00	ug/mL
4-Chloroaniline	106-47-8	10.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	10.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	10.00	ug/mL
4-Nitroaniline	100-01-6	10.00	ug/mL
4-Nitrophenol	100-02-7	10.00	ug/mL
Acenaphthene	83-32-9	10.00	ug/mL
Acenaphthylene	208-96-8	10.00	ug/mL
Aniline	62-53-3	10.00	ug/mL
Anthracene	120-12-7	10.00	ug/mL
Azobenzene	103-33-3	10.00	ug/mL
Benz(a)anthracene	56-55-3	10.00	ug/mL
Benzidine	92-87-5	10.00	ug/mL
Benzo[a]pyrene	50-32-8	10.00	ug/mL
Benzo[b]fluoranthene	205-99-2	10.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	10.00	ug/mL
Benzo[k]fluoranthene	207-08-9	10.00	ug/mL
Benzoic Acid	65-85-0	10.00	ug/mL
Benzyl alcohol	100-51-6	10.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	10.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	10.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	10.00	ug/mL
Bis(2-ethylhexl)adipate		10.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	10.00	ug/mL
Butylbenzylphthalate	85-68-7	10.00	ug/mL
Carbazole	86-74-8	10.00	ug/mL
Chrysene	218-01-9	10.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	10.00	ug/mL
Dibenzofuran	132-64-9	10.00	ug/mL
Diethylphthalate	84-66-2	10.00	ug/mL
Dimethylphthalate	131-11-3	10.00	ug/mL
Di-n-butylphthalate	84-74-2	10.00	ug/mL

Di-n-octylphthalate	117-84-0	10.00	ug/mL
Fluoranthene	206-44-0	10.00	ug/mL
Fluorene	86-73-7	10.00	ug/mL
Hexachlorobenzene	118-74-1	10.00	ug/mL
Hexachlorobutadiene	87-68-3	10.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	10.00	ug/mL
Hexachloroethane	67-72-1	10.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	10.00	ug/mL
Isophorone	78-59-1	10.00	ug/mL
Naphthalene	91-20-3	10.00	ug/mL
Nitrobenzene	98-95-3	10.00	ug/mL
Nitrobenzene-d5	4165-60-0	10.00	ug/mL
N-Nitrosodimethylamine	62-75-9	10.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	10.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	10.00	ug/mL
Pentachloroethane	76-01-7	10.00	ug/mL
Pentachlorophenol	87-86-5	10.00	ug/mL
Phenanthrene	85-01-8	10.00	ug/mL
Phenol	108-95-2	10.00	ug/mL
Phenol-d5	4165-62-2	10.00	ug/mL
Pyrene	129-00-0	10.00	ug/mL
Pyridine	110-86-1	10.00	ug/mL
Terphenyl-d14	1718-51-0	10.00	ug/mL

Analytical Standard Record: MC12314

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICAL 20.0 ppm (03/23/11)
Expires: 09/23/2011
Solvent: Methylene Chloride/MF91603
Prepared: 03/23/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC12314

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	20.00	ug/mL
1,2-Dichlorobenzene	95-50-1	20.00	ug/mL
1,2-Dinitrobenzene	528-29-0	20.00	ug/mL
1,3-Dichlorobenzene	541-73-1	20.00	ug/mL
1,3-Dinitrobenzene	99-65-0	20.00	ug/mL
1,4-Dichlorobenzene	106-46-7	20.00	ug/mL
1,4-Dintrobenzene		20.00	ug/mL
1-Methylnaphthalene	90-12-0	20.00	ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	20.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	20.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	20.00	ug/mL
2,4,6-Tribromophenol	118-79-6	20.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	20.00	ug/mL
2,4-Dichlorophenol	120-83-2	20.00	ug/mL
2,4-Dimethylphenol	105-67-9	20.00	ug/mL
2,4-Dinitrophenol	51-28-5	20.00	ug/mL
2,4-Dinitrotoluene	121-14-2	20.00	ug/mL

2,6-Dinitrotoluene	606-20-2	20.00	ug/mL
2-Chloronaphthalene	91-58-7	20.00	ug/mL
2-Chlorophenol	95-57-8	20.00	ug/mL
2-Fluorobiphenyl	321-60-8	20.00	ug/mL
2-Fluorophenol	367-12-4	20.00	ug/mL
2-Methylnaphthalene	91-57-6	20.00	ug/mL
2-Methylphenol	95-48-7	20.00	ug/mL
2-Nitroaniline	88-74-4	20.00	ug/mL
2-Nitrophenol	88-75-5	20.00	ug/mL
3,3´-Dichlorobenzidine	91-94-1	20.00	ug/mL
3,3'-Dimethylbenzidine	119-93-7	20.00	ug/mL
3-Nitroaniline	99-09-2	20.00	ug/mL
4,6-Dinitro-2-methylphenol	534-52-1	20.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	20.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	20.00	ug/mL
4-Chloroaniline	106-47-8	20.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	20.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	20.00	ug/mL
4-Nitroaniline	100-01-6	20.00	ug/mL
4-Nitrophenol	100-02-7	20.00	ug/mL
Acenaphthene	83-32-9	20.00	ug/mL
Acenaphthylene	208-96-8	20.00	ug/mL
Aniline	62-53-3	20.00	ug/mL
Anthracene	120-12-7	20.00	ug/mL
Azobenzene	103-33-3	20.00	ug/mL
Benz(a)anthracene	56-55-3	20.00	ug/mL
Benzidine	92-87-5	20.00	ug/mL
Benzo[a]pyrene	50-32-8	20.00	ug/mL
Benzo[b]fluoranthene	205-99-2	20.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	20.00	ug/mL
Benzo[k]fluoranthene	207-08-9	20.00	ug/mL
Benzoic Acid	65-85-0	20.00	ug/mL
Benzyl alcohol	100-51-6	20.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	20.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	20.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	20.00	ug/mL
Bis(2-ethylhexl)adipate		20.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	20.00	ug/mL
Butylbenzylphthalate	85-68-7	20.00	ug/mL
Carbazole	86-74-8	20.00	ug/mL
Chrysene	218-01-9	20.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	20.00	ug/mL
Dibenzofuran	132-64-9	20.00	ug/mL
Diethylphthalate	84-66-2	20.00	ug/mL
Dimethylphthalate	131-11-3	20.00	ug/mL
Di-n-butylphthalate	84-74-2	20.00	ug/mL
Di-n-octylphthalate	117-84-0	20.00	ug/mL
Fluoranthene	206-44-0	20.00	ug/mL
Fluorene	86-73-7	20.00	ug/mL

Hexachlorobenzene	118-74-1	20.00	ug/mL
Hexachlorobutadiene	87-68-3	20.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	20.00	ug/mL
Hexachloroethane	67-72-1	20.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	20.00	ug/mL
Isophorone	78-59-1	20.00	ug/mL
Naphthalene	91-20-3	20.00	ug/mL
Nitrobenzene	98-95-3	20.00	ug/mL
Nitrobenzene-d5	4165-60-0	20.00	ug/mL
N-Nitrosodimethylamine	62-75-9	20.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	20.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	20.00	ug/mL
Pentachloroethane	76-01-7	20.00	ug/mL
Pentachlorophenol	87-86-5	20.00	ug/mL
Phenanthrene	85-01-8	20.00	ug/mL
Phenol	108-95-2	20.00	ug/mL
Phenol-d5	4165-62-2	20.00	ug/mL
Pyrene	129-00-0	20.00	ug/mL
Pyridine	110-86-1	20.00	ug/mL
Terphenyl-d14	1718-51-0	20.00	ug/mL

Analytical Standard Record: MC12315

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICAL 30.0 ppm (03/23/11)
Expires: 09/23/2011
Solvent: Methylene Chloride/MF91603
Prepared: 03/23/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC12315

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	30.00	ug/mL
1,2-Dichlorobenzene	95-50-1	30.00	ug/mL
1,2-Dinitrobenzene	528-29-0	30.00	ug/mL
1,3-Dichlorobenzene	541-73-1	30.00	ug/mL
1,3-Dinitrobenzene	99-65-0	30.00	ug/mL
1,4-Dichlorobenzene	106-46-7	30.00	ug/mL
1,4-Dintrobenzene		30.00	ug/mL
1-Methylnaphthalene	90-12-0	30.00	ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	30.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	30.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	30.00	ug/mL
2,4,6-Tribromophenol	118-79-6	30.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	30.00	ug/mL
2,4-Dichlorophenol	120-83-2	30.00	ug/mL
2,4-Dimethylphenol	105-67-9	30.00	ug/mL
2,4-Dinitrophenol	51-28-5	30.00	ug/mL
2,4-Dinitrotoluene	121-14-2	30.00	ug/mL
2,6-Dinitrotoluene	606-20-2	30.00	ug/mL
2-Chloronaphthalene	91-58-7	30.00	ug/mL
2-Chlorophenol	95-57-8	30.00	ug/mL

2-Fluorobiphenyl	321-60-8	30.00	ug/mL
2-Fluorophenol	367-12-4	30.00	ug/mL
2-Methylnaphthalene	91-57-6	30.00	ug/mL
2-Methylphenol	95-48-7	30.00	ug/mL
2-Nitroaniline	88-74-4	30.00	ug/mL
2-Nitrophenol	88-75-5	30.00	ug/mL
3,3´-Dichlorobenzidine	91-94-1	30.00	ug/mL
3,3'-Dimethylbenzidine	119-93-7	30.00	ug/mL
3-Nitroaniline	99-09-2	30.00	ug/mL
4,6-Dinitro-2-methylphenol	534-52-1	30.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	30.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	30.00	ug/mL
4-Chloroaniline	106-47-8	30.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	30.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	30.00	ug/mL
4-Nitroaniline	100-01-6	30.00	ug/mL
4-Nitrophenol	100-02-7	30.00	ug/mL
Acenaphthene	83-32-9	30.00	ug/mL
Acenaphthylene	208-96-8	30.00	ug/mL
Aniline	62-53-3	30.00	ug/mL
Anthracene	120-12-7	30.00	ug/mL
Azobenzene	103-33-3	30.00	ug/mL
Benz(a)anthracene	56-55-3	30.00	ug/mL
Benzidine	92-87-5	30.00	ug/mL
Benzo[a]pyrene	50-32-8	30.00	ug/mL
Benzo[b]fluoranthene	205-99-2	30.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	30.00	ug/mL
Benzo[k]fluoranthene	207-08-9	30.00	ug/mL
Benzoic Acid	65-85-0	30.00	ug/mL
Benzyl alcohol	100-51-6	30.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	30.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	30.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	30.00	ug/mL
Bis(2-ethylhexl)adipate		30.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	30.00	ug/mL
Butylbenzylphthalate	85-68-7	30.00	ug/mL
Carbazole	86-74-8	30.00	ug/mL
Chrysene	218-01-9	30.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	30.00	ug/mL
Dibenzofuran	132-64-9	30.00	ug/mL
Diethylphthalate	84-66-2	30.00	ug/mL
Dimethylphthalate	131-11-3	30.00	ug/mL
Di-n-butylphthalate	84-74-2	30.00	ug/mL
Di-n-octylphthalate	117-84-0	30.00	ug/mL
Fluoranthene	206-44-0	30.00	ug/mL
Fluorene	86-73-7	30.00	ug/mL
Hexachlorobenzene	118-74-1	30.00	ug/mL
Hexachlorobutadiene	87-68-3	30.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	30.00	ug/mL

Hexachloroethane	67-72-1	30.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	30.00	ug/mL
Isophorone	78-59-1	30.00	ug/mL
Naphthalene	91-20-3	30.00	ug/mL
Nitrobenzene	98-95-3	30.00	ug/mL
Nitrobenzene-d5	4165-60-0	30.00	ug/mL
N-Nitrosodimethylamine	62-75-9	30.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	30.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	30.00	ug/mL
Pentachloroethane	76-01-7	30.00	ug/mL
Pentachlorophenol	87-86-5	30.00	ug/mL
Phenanthrene	85-01-8	30.00	ug/mL
Phenol	108-95-2	30.00	ug/mL
Phenol-d5	4165-62-2	30.00	ug/mL
Pyrene	129-00-0	30.00	ug/mL
Pyridine	110-86-1	30.00	ug/mL
Terphenyl-d14	1718-51-0	30.00	ug/mL

Analytical Standard Record: MC12316

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICAL 40.0 ppm (03/23/11)
Expires: 09/23/2011
Solvent: Methylene Chloride/MF91603
Prepared: 03/23/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC12316

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	40.00	ug/mL
1,2-Dichlorobenzene	95-50-1	40.00	ug/mL
1,2-Dinitrobenzene	528-29-0	40.00	ug/mL
1,3-Dichlorobenzene	541-73-1	40.00	ug/mL
1,3-Dinitrobenzene	99-65-0	40.00	ug/mL
1,4-Dichlorobenzene	106-46-7	40.00	ug/mL
1,4-Dintrobenzene		40.00	ug/mL
1-Methylnaphthalene	90-12-0	40.00	ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	40.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	40.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	40.00	ug/mL
2,4,6-Tribromophenol	118-79-6	40.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	40.00	ug/mL
2,4-Dichlorophenol	120-83-2	40.00	ug/mL
2,4-Dimethylphenol	105-67-9	40.00	ug/mL
2,4-Dinitrophenol	51-28-5	40.00	ug/mL
2,4-Dinitrotoluene	121-14-2	40.00	ug/mL
2,6-Dinitrotoluene	606-20-2	40.00	ug/mL
2-Chloronaphthalene	91-58-7	40.00	ug/mL
2-Chlorophenol	95-57-8	40.00	ug/mL
2-Fluorobiphenyl	321-60-8	40.00	ug/mL
2-Fluorophenol	367-12-4	40.00	ug/mL
2-Methylnaphthalene	91-57-6	40.00	ug/mL

2-Methylphenol	95-48-7	40.00	ug/mL
2-Nitroaniline	88-74-4	40.00	ug/mL
2-Nitrophenol	88-75-5	40.00	ug/mL
3,3´-Dichlorobenzidine	91-94-1	40.00	ug/mL
3,3'-Dimethylbenzidine	119-93-7	40.00	ug/mL
3-Nitroaniline	99-09-2	40.00	ug/mL
4,6-Dinitro-2-methylphenol	534-52-1	40.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	40.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	40.00	ug/mL
4-Chloroaniline	106-47-8	40.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	40.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	40.00	ug/mL
4-Nitroaniline	100-01-6	40.00	ug/mL
4-Nitrophenol	100-02-7	40.00	ug/mL
Acenaphthene	83-32-9	40.00	ug/mL
Acenaphthylene	208-96-8	40.00	ug/mL
Aniline	62-53-3	40.00	ug/mL
Anthracene	120-12-7	40.00	ug/mL
Azobenzene	103-33-3	40.00	ug/mL
Benz(a)anthracene	56-55-3	40.00	ug/mL
Benzidine	92-87-5	40.00	ug/mL
Benzo[a]pyrene	50-32-8	40.00	ug/mL
Benzo[b]fluoranthene	205-99-2	40.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	40.00	ug/mL
Benzo[k]fluoranthene	207-08-9	40.00	ug/mL
Benzoic Acid	65-85-0	40.00	ug/mL
Benzyl alcohol	100-51-6	40.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	40.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	40.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	40.00	ug/mL
Bis(2-ethylhexl)adipate		40.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	40.00	ug/mL
Butylbenzylphthalate	85-68-7	40.00	ug/mL
Carbazole	86-74-8	40.00	ug/mL
Chrysene	218-01-9	40.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	40.00	ug/mL
Dibenzofuran	132-64-9	40.00	ug/mL
Diethylphthalate	84-66-2	40.00	ug/mL
Dimethylphthalate	131-11-3	40.00	ug/mL
Di-n-butylphthalate	84-74-2	40.00	ug/mL
Di-n-octylphthalate	117-84-0	40.00	ug/mL
Fluoranthene	206-44-0	40.00	ug/mL
Fluorene	86-73-7	40.00	ug/mL
Hexachlorobenzene	118-74-1	40.00	ug/mL
Hexachlorobutadiene	87-68-3	40.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	40.00	ug/mL
Hexachloroethane	67-72-1	40.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	40.00	ug/mL
Isophorone	78-59-1	40.00	ug/mL

Naphthalene	91-20-3	40.00	ug/mL
Nitrobenzene	98-95-3	40.00	ug/mL
Nitrobenzene-d5	4165-60-0	40.00	ug/mL
N-Nitrosodimethylamine	62-75-9	40.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	40.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	40.00	ug/mL
Pentachloroethane	76-01-7	40.00	ug/mL
Pentachlorophenol	87-86-5	40.00	ug/mL
Phenanthrene	85-01-8	40.00	ug/mL
Phenol	108-95-2	40.00	ug/mL
Phenol-d5	4165-62-2	40.00	ug/mL
Pyrene	129-00-0	40.00	ug/mL
Pyridine	110-86-1	40.00	ug/mL
Terphenyl-d14	1718-51-0	40.00	ug/mL

Analytical Standard Record: MC12317

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICAL 50.0 ppm (03/23/11)
Expires: 09/23/2011
Solvent: Methylene Chloride/MF91603
Prepared: 03/23/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC12317

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	50.00	ug/mL
1,2-Dichlorobenzene	95-50-1	50.00	ug/mL
1,2-Dinitrobenzene	528-29-0	50.00	ug/mL
1,3-Dichlorobenzene	541-73-1	50.00	ug/mL
1,3-Dinitrobenzene	99-65-0	50.00	ug/mL
1,4-Dichlorobenzene	106-46-7	50.00	ug/mL
1,4-Dintrobenzene		50.00	ug/mL
1-Methylnaphthalene	90-12-0	50.00	ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	50.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	50.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	50.00	ug/mL
2,4,6-Tribromophenol	118-79-6	50.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	50.00	ug/mL
2,4-Dichlorophenol	120-83-2	50.00	ug/mL
2,4-Dimethylphenol	105-67-9	50.00	ug/mL
2,4-Dinitrophenol	51-28-5	50.00	ug/mL
2,4-Dinitrotoluene	121-14-2	50.00	ug/mL
2,6-Dinitrotoluene	606-20-2	50.00	ug/mL
2-Chloronaphthalene	91-58-7	50.00	ug/mL
2-Chlorophenol	95-57-8	50.00	ug/mL
2-Fluorobiphenyl	321-60-8	50.00	ug/mL
2-Fluorophenol	367-12-4	50.00	ug/mL
2-Methylnaphthalene	91-57-6	50.00	ug/mL
2-Methylphenol	95-48-7	50.00	ug/mL
2-Nitroaniline	88-74-4	50.00	ug/mL
2-Nitrophenol	88-75-5	50.00	ug/mL

3,3´-Dichlorobenzidine	91-94-1	50.00	ug/mL
3,3'-Dimethylbenzidine	119-93-7	50.00	ug/mL
3-Nitroaniline	99-09-2	50.00	ug/mL
4,6-Dinitro-2-methylphenol	534-52-1	50.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	50.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	50.00	ug/mL
4-Chloroaniline	106-47-8	50.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	50.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	50.00	ug/mL
4-Nitroaniline	100-01-6	50.00	ug/mL
4-Nitrophenol	100-02-7	50.00	ug/mL
Acenaphthene	83-32-9	50.00	ug/mL
Acenaphthylene	208-96-8	50.00	ug/mL
Aniline	62-53-3	50.00	ug/mL
Anthracene	120-12-7	50.00	ug/mL
Azobenzene	103-33-3	50.00	ug/mL
Benz(a)anthracene	56-55-3	50.00	ug/mL
Benzidine	92-87-5	50.00	ug/mL
Benzo[a]pyrene	50-32-8	50.00	ug/mL
Benzo[b]fluoranthene	205-99-2	50.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	50.00	ug/mL
Benzo[k]fluoranthene	207-08-9	50.00	ug/mL
Benzoic Acid	65-85-0	50.00	ug/mL
Benzyl alcohol	100-51-6	50.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	50.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	50.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	50.00	ug/mL
Bis(2-ethylhexl)adipate		50.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	50.00	ug/mL
Butylbenzylphthalate	85-68-7	50.00	ug/mL
Carbazole	86-74-8	50.00	ug/mL
Chrysene	218-01-9	50.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	50.00	ug/mL
Dibenzofuran	132-64-9	50.00	ug/mL
Diethylphthalate	84-66-2	50.00	ug/mL
Dimethylphthalate	131-11-3	50.00	ug/mL
Di-n-butylphthalate	84-74-2	50.00	ug/mL
Di-n-octylphthalate	117-84-0	50.00	ug/mL
Fluoranthene	206-44-0	50.00	ug/mL
Fluorene	86-73-7	50.00	ug/mL
Hexachlorobenzene	118-74-1	50.00	ug/mL
Hexachlorobutadiene	87-68-3	50.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	50.00	ug/mL
Hexachloroethane	67-72-1	50.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	50.00	ug/mL
Isophorone	78-59-1	50.00	ug/mL
Naphthalene	91-20-3	50.00	ug/mL
Nitrobenzene	98-95-3	50.00	ug/mL
Nitrobenzene-d5	4165-60-0	50.00	ug/mL

N-Nitrosodimethylamine	62-75-9	50.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	50.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	50.00	ug/mL
Pentachloroethane	76-01-7	50.00	ug/mL
Pentachlorophenol	87-86-5	50.00	ug/mL
Phenanthrene	85-01-8	50.00	ug/mL
Phenol	108-95-2	50.00	ug/mL
Phenol-d5	4165-62-2	50.00	ug/mL
Pyrene	129-00-0	50.00	ug/mL
Pyridine	110-86-1	50.00	ug/mL
Terphenyl-d14	1718-51-0	50.00	ug/mL

Analytical Standard Record: MC12318

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICAL 60.0 ppm (03/23/11)
Expires: 09/23/2011
Solvent: Methylene Chloride/MF91603
Prepared: 03/23/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC12318

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	60.00	ug/mL
1,2-Dichlorobenzene	95-50-1	60.00	ug/mL
1,2-Dinitrobenzene	528-29-0	60.00	ug/mL
1,3-Dichlorobenzene	541-73-1	60.00	ug/mL
1,3-Dinitrobenzene	99-65-0	60.00	ug/mL
1,4-Dichlorobenzene	106-46-7	60.00	ug/mL
1,4-Dintrobenzene		60.00	ug/mL
1-Methylnaphthalene	90-12-0	60.00	ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	60.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	60.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	60.00	ug/mL
2,4,6-Tribromophenol	118-79-6	60.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	60.00	ug/mL
2,4-Dichlorophenol	120-83-2	60.00	ug/mL
2,4-Dimethylphenol	105-67-9	60.00	ug/mL
2,4-Dinitrophenol	51-28-5	60.00	ug/mL
2,4-Dinitrotoluene	121-14-2	60.00	ug/mL
2,6-Dinitrotoluene	606-20-2	60.00	ug/mL
2-Chloronaphthalene	91-58-7	60.00	ug/mL
2-Chlorophenol	95-57-8	60.00	ug/mL
2-Fluorobiphenyl	321-60-8	60.00	ug/mL
2-Fluorophenol	367-12-4	60.00	ug/mL
2-Methylnaphthalene	91-57-6	60.00	ug/mL
2-Methylphenol	95-48-7	60.00	ug/mL
2-Nitroaniline	88-74-4	60.00	ug/mL
2-Nitrophenol	88-75-5	60.00	ug/mL
3,3´-Dichlorobenzidine	91-94-1	60.00	ug/mL
3,3'-Dimethylbenzidine	119-93-7	60.00	ug/mL
3-Nitroaniline	99-09-2	60.00	ug/mL

4,6-Dinitro-2-methylphenol	534-52-1	60.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	60.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	60.00	ug/mL
4-Chloroaniline	106-47-8	60.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	60.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	60.00	ug/mL
4-Nitroaniline	100-01-6	60.00	ug/mL
4-Nitrophenol	100-02-7	60.00	ug/mL
Acenaphthene	83-32-9	60.00	ug/mL
Acenaphthylene	208-96-8	60.00	ug/mL
Aniline	62-53-3	60.00	ug/mL
Anthracene	120-12-7	60.00	ug/mL
Azobenzene	103-33-3	60.00	ug/mL
Benz(a)anthracene	56-55-3	60.00	ug/mL
Benzidine	92-87-5	60.00	ug/mL
Benzo[a]pyrene	50-32-8	60.00	ug/mL
Benzo[b]fluoranthene	205-99-2	60.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	60.00	ug/mL
Benzo[k]fluoranthene	207-08-9	60.00	ug/mL
Benzoic Acid	65-85-0	60.00	ug/mL
Benzyl alcohol	100-51-6	60.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	60.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	60.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	60.00	ug/mL
Bis(2-ethylhexl)adipate		60.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	60.00	ug/mL
Butylbenzylphthalate	85-68-7	60.00	ug/mL
Carbazole	86-74-8	60.00	ug/mL
Chrysene	218-01-9	60.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	60.00	ug/mL
Dibenzofuran	132-64-9	60.00	ug/mL
Diethylphthalate	84-66-2	60.00	ug/mL
Dimethylphthalate	131-11-3	60.00	ug/mL
Di-n-butylphthalate	84-74-2	60.00	ug/mL
Di-n-octylphthalate	117-84-0	60.00	ug/mL
Fluoranthene	206-44-0	60.00	ug/mL
Fluorene	86-73-7	60.00	ug/mL
Hexachlorobenzene	118-74-1	60.00	ug/mL
Hexachlorobutadiene	87-68-3	60.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	60.00	ug/mL
Hexachloroethane	67-72-1	60.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	60.00	ug/mL
Isophorone	78-59-1	60.00	ug/mL
Naphthalene	91-20-3	60.00	ug/mL
Nitrobenzene	98-95-3	60.00	ug/mL
Nitrobenzene-d5	4165-60-0	60.00	ug/mL
N-Nitrosodimethylamine	62-75-9	60.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	60.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	60.00	ug/mL

Pentachloroethane	76-01-7	60.00	ug/mL
Pentachlorophenol	87-86-5	60.00	ug/mL
Phenanthrene	85-01-8	60.00	ug/mL
Phenol	108-95-2	60.00	ug/mL
Phenol-d5	4165-62-2	60.00	ug/mL
Pyrene	129-00-0	60.00	ug/mL
Pyridine	110-86-1	60.00	ug/mL
Terphenyl-d14	1718-51-0	60.00	ug/mL

Analytical Standard Record: MC12319

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICAL 70.0 ppm (03/23/11)
Expires: 09/23/2011
Solvent: Methylene Chloride/MF91603
Prepared: 03/23/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC12319

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	70.00	ug/mL
1,2-Dichlorobenzene	95-50-1	70.00	ug/mL
1,2-Dinitrobenzene	528-29-0	70.00	ug/mL
1,3-Dichlorobenzene	541-73-1	70.00	ug/mL
1,3-Dinitrobenzene	99-65-0	70.00	ug/mL
1,4-Dichlorobenzene	106-46-7	70.00	ug/mL
1,4-Dintrobenzene		70.00	ug/mL
1-Methylnaphthalene	90-12-0	70.00	ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	70.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	70.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	70.00	ug/mL
2,4,6-Tribromophenol	118-79-6	70.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	70.00	ug/mL
2,4-Dichlorophenol	120-83-2	70.00	ug/mL
2,4-Dimethylphenol	105-67-9	70.00	ug/mL
2,4-Dinitrophenol	51-28-5	70.00	ug/mL
2,4-Dinitrotoluene	121-14-2	70.00	ug/mL
2,6-Dinitrotoluene	606-20-2	70.00	ug/mL
2-Chloronaphthalene	91-58-7	70.00	ug/mL
2-Chlorophenol	95-57-8	70.00	ug/mL
2-Fluorobiphenyl	321-60-8	70.00	ug/mL
2-Fluorophenol	367-12-4	70.00	ug/mL
2-Methylnaphthalene	91-57-6	70.00	ug/mL
2-Methylphenol	95-48-7	70.00	ug/mL
2-Nitroaniline	88-74-4	70.00	ug/mL
2-Nitrophenol	88-75-5	70.00	ug/mL
3,3´-Dichlorobenzidine	91-94-1	70.00	ug/mL
3,3'-Dimethylbenzidine	119-93-7	70.00	ug/mL
3-Nitroaniline	99-09-2	70.00	ug/mL
4,6-Dinitro-2-methylphenol	534-52-1	70.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	70.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	70.00	ug/mL

4-Chloroaniline	106-47-8	70.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	70.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	70.00	ug/mL
4-Nitroaniline	100-01-6	70.00	ug/mL
4-Nitrophenol	100-02-7	70.00	ug/mL
Acenaphthene	83-32-9	70.00	ug/mL
Acenaphthylene	208-96-8	70.00	ug/mL
Aniline	62-53-3	70.00	ug/mL
Anthracene	120-12-7	70.00	ug/mL
Azobenzene	103-33-3	70.00	ug/mL
Benz(a)anthracene	56-55-3	70.00	ug/mL
Benzidine	92-87-5	70.00	ug/mL
Benzo[a]pyrene	50-32-8	70.00	ug/mL
Benzo[b]fluoranthene	205-99-2	70.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	70.00	ug/mL
Benzo[k]fluoranthene	207-08-9	70.00	ug/mL
Benzoic Acid	65-85-0	70.00	ug/mL
Benzyl alcohol	100-51-6	70.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	70.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	70.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	70.00	ug/mL
Bis(2-ethylhexl)adipate		70.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	70.00	ug/mL
Butylbenzylphthalate	85-68-7	70.00	ug/mL
Carbazole	86-74-8	70.00	ug/mL
Chrysene	218-01-9	70.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	70.00	ug/mL
Dibenzofuran	132-64-9	70.00	ug/mL
Diethylphthalate	84-66-2	70.00	ug/mL
Dimethylphthalate	131-11-3	70.00	ug/mL
Di-n-butylphthalate	84-74-2	70.00	ug/mL
Di-n-octylphthalate	117-84-0	70.00	ug/mL
Fluoranthene	206-44-0	70.00	ug/mL
Fluorene	86-73-7	70.00	ug/mL
Hexachlorobenzene	118-74-1	70.00	ug/mL
Hexachlorobutadiene	87-68-3	70.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	70.00	ug/mL
Hexachloroethane	67-72-1	70.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	70.00	ug/mL
Isophorone	78-59-1	70.00	ug/mL
Naphthalene	91-20-3	70.00	ug/mL
Nitrobenzene	98-95-3	70.00	ug/mL
Nitrobenzene-d5	4165-60-0	70.00	ug/mL
N-Nitrosodimethylamine	62-75-9	70.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	70.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	70.00	ug/mL
Pentachloroethane	76-01-7	70.00	ug/mL
Pentachlorophenol	87-86-5	70.00	ug/mL
Phenanthrene	85-01-8	70.00	ug/mL

Phenol	108-95-2	70.00	ug/mL
Phenol-d5	4165-62-2	70.00	ug/mL
Pyrene	129-00-0	70.00	ug/mL
Pyridine	110-86-1	70.00	ug/mL
Terphenyl-d14	1718-51-0	70.00	ug/mL

Analytical Standard Record: MC12320

Microbac Laboratories, Inc., Baltimore Division

Description: 8270/625 ICV 40ppm (03/23/11)
Expires: 06/22/2011
Solvent: Mecl2
Prepared: 03/23/2011
Vendor: Microbac
Prepared By: Ronald C. Stacy
Lot No.: -
Parent Standard: MC12320

Comments:

Analyte	CAS Number	Concentration	Units
1,2,4-Trichlorobenzene	120-82-1	40.00	ug/mL
1,2-Dichlorobenzene	95-50-1	40.00	ug/mL
1,2-Dinitrobenzene	528-29-0	40.00	ug/mL
1,3-Dichlorobenzene	541-73-1	40.00	ug/mL
1,3-Dinitrobenzene	99-65-0	40.00	ug/mL
1,4-Dichlorobenzene	106-46-7	40.00	ug/mL
1,4-Dintrobenzene		40.00	ug/mL
1-Methylnaphthalene	90-12-0	40.00	ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	40.00	ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	40.00	ug/mL
2,4,5-Trichlorophenol	95-95-4	40.00	ug/mL
2,4,6-Tribromophenol	118-79-6	40.00	ug/mL
2,4,6-Trichlorophenol	88-06-2	40.00	ug/mL
2,4-Dichlorophenol	120-83-2	40.00	ug/mL
2,4-Dimethylphenol	105-67-9	40.00	ug/mL
2,4-Dinitrophenol	51-28-5	40.00	ug/mL
2,4-Dinitrotoluene	121-14-2	40.00	ug/mL
2,6-Dinitrotoluene	606-20-2	40.00	ug/mL
2-Chloronaphthalene	91-58-7	40.00	ug/mL
2-Chlorophenol	95-57-8	40.00	ug/mL
2-Fluorobiphenyl	321-60-8	40.00	ug/mL
2-Fluorophenol	367-12-4	40.00	ug/mL
2-Methylnaphthalene	91-57-6	40.00	ug/mL
2-Methylphenol	95-48-7	40.00	ug/mL
2-Nitroaniline	88-74-4	40.00	ug/mL
2-Nitrophenol	88-75-5	40.00	ug/mL
3,3´-Dichlorobenzidine	91-94-1	40.00	ug/mL
3-Nitroaniline	99-09-2	40.00	ug/mL
4,6-Dinitro-2-methylphenol	534-52-1	40.00	ug/mL
4-Bromophenyl-phenylether	101-55-3	40.00	ug/mL
4-Chloro-3-methylphenol	59-50-7	40.00	ug/mL
4-Chloroaniline	106-47-8	40.00	ug/mL
4-Chlorophenyl-phenylether	7005-72-3	40.00	ug/mL
4-Methylphenol, 3-Methylphenol	106-44-5/108-39-4	40.00	ug/mL
4-Nitroaniline	100-01-6	40.00	ug/mL

4-Nitrophenol	100-02-7	40.00	ug/mL
Acenaphthene	83-32-9	40.00	ug/mL
Acenaphthylene	208-96-8	40.00	ug/mL
Aniline	62-53-3	40.00	ug/mL
Anthracene	120-12-7	40.00	ug/mL
Azobenzene	103-33-3	40.00	ug/mL
Benz(a)anthracene	56-55-3	40.00	ug/mL
Benzidine	92-87-5	40.00	ug/mL
Benzo[a]pyrene	50-32-8	40.00	ug/mL
Benzo[b]fluoranthene	205-99-2	40.00	ug/mL
Benzo[g,h,i]perylene	191-24-2	40.00	ug/mL
Benzo[k]fluoranthene	207-08-9	40.00	ug/mL
Benzoic Acid	65-85-0	40.00	ug/mL
Benzyl alcohol	100-51-6	40.00	ug/mL
bis(2-Chloroethoxy)methane	111-91-1	40.00	ug/mL
Bis(2-Chloroethyl)ether	111-44-4	40.00	ug/mL
Bis(2-chloroisopropyl)ether	108-60-1	40.00	ug/mL
Bis(2-ethylhexl)adipate		40.00	ug/mL
Bis(2-Ethylhexyl)phthalate	117-81-7	40.00	ug/mL
Butylbenzylphthalate	85-68-7	40.00	ug/mL
Carbazole	86-74-8	40.00	ug/mL
Chrysene	218-01-9	40.00	ug/mL
Dibenz[a,h]anthracene	53-70-3	40.00	ug/mL
Dibenzofuran	132-64-9	40.00	ug/mL
Diethylphthalate	84-66-2	40.00	ug/mL
Dimethylphthalate	131-11-3	40.00	ug/mL
Di-n-butylphthalate	84-74-2	40.00	ug/mL
Di-n-octylphthalate	117-84-0	40.00	ug/mL
Fluoranthene	206-44-0	40.00	ug/mL
Fluorene	86-73-7	40.00	ug/mL
Hexachlorobenzene	118-74-1	40.00	ug/mL
Hexachlorobutadiene	87-68-3	40.00	ug/mL
Hexachlorocyclopentadiene	77-47-4	40.00	ug/mL
Hexachloroethane	67-72-1	40.00	ug/mL
Indeno[1,2,3-cd]pyrene	193-39-5	40.00	ug/mL
Isophorone	78-59-1	40.00	ug/mL
Naphthalene	91-20-3	40.00	ug/mL
Nitrobenzene	98-95-3	40.00	ug/mL
Nitrobenzene-d5	4165-60-0	40.00	ug/mL
N-Nitrosodimethylamine	62-75-9	40.00	ug/mL
N-Nitroso-di-n-propylamine	621-64-7	40.00	ug/mL
N-Nitrosodiphenylamine	86-30-6	40.00	ug/mL
Pentachloroethane	76-01-7	40.00	ug/mL
Pentachlorophenol	87-86-5	40.00	ug/mL
Phenanthrene	85-01-8	40.00	ug/mL
Phenol	108-95-2	40.00	ug/mL
Phenol-d5	4165-62-2	40.00	ug/mL
Pyrene	129-00-0	40.00	ug/mL
Pyridine	110-86-1	40.00	ug/mL

Terphenyl-d14	1718-51-0	40.00	ug/mL

Analytical Standard Record: MC12404

Microbac Laboratories, Inc., Baltimore Division

Description: SV Internal Standard (40ppm)
Solvent: Methylene Chloride/MF91603
Vendor: Microbac
Lot No.: -
Expires: 09/23/2011
Prepared: 03/23/2011
Prepared By: Ronald C. Stacy
Parent Standard: MC12404

Comments:

Analyte	CAS Number	Concentration	Units
1,4-Dichlorobenzene-d4	NA	40.00	ug/mL
Acenaphthene-d10	NA	40.00	ug/mL
Chrysene-d12	1719-03-5	40.00	ug/mL
Naphthalene-d8	1146-65-2	40.00	ug/mL
Perylene-d12	1520-96-3	40.00	ug/mL
Phenanthrene-d10	1517-22-2	40.00	ug/mL

Analytical Standard Record: MC12501

Microbac Laboratories, Inc., Baltimore Division

Description: SV Internal Standard (80ppm)
Solvent: Methylene Chloride/MF91603
Vendor: Microbac
Lot No.: -
Expires: 06/23/2011
Prepared: 03/25/2011
Prepared By: Ronald C. Stacy
Parent Standard: MC12501

Comments:

Analyte	CAS Number	Concentration	Units
1,4-Dichlorobenzene-d4	NA	80.00	ug/mL
Acenaphthene-d10	NA	80.00	ug/mL
Chrysene-d12	1719-03-5	80.00	ug/mL
Naphthalene-d8	1146-65-2	80.00	ug/mL
Perylene-d12	1520-96-3	80.00	ug/mL
Phenanthrene-d10	1517-22-2	80.00	ug/mL

Analytical Standard Record: MC12503

Microbac Laboratories, Inc., Baltimore Division

Description: ICP internal std
Solvent: -
Vendor: -
Lot No.: -
Expires: 04/24/2011
Prepared: 03/25/2011
Prepared By: Andy P. Smith
Parent Standard: MC12503

Comments: 5% HNO3, 2% HCL, and 9.8g of Cesium carbonate.

Analyte	CAS Number	Concentration	Units
Hydrochloric acid (HCl)	NA	20,000.00	ug/mL
Yttrium	7440-65-5	2.00	ug/mL

Analytical Standard Record: MC12504

Microbac Laboratories, Inc., Baltimore Division

Description: ICP IFB
Solvent: -
Vendor: Microbac
Lot No.: -

Expires: 04/09/2011
Prepared: 03/25/2011
Prepared By: Andy P. Smith
Parent Standard: MC12504

Comments:

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	100.00	ug/mL
Aluminum	7429-90-5	100.00	ug/mL
Antimony	7440-36-0	1.00	ug/mL
Arsenic	7440-38-2	0.50	ug/mL
Barium	7440-39-3	0.50	ug/mL
Beryllium	7440-41-7	0.50	ug/mL
Boron	7440-42-8	0.50	ug/mL
Cadmium	7440-43-9	10.00	ug/mL
Cadmium	7440-43-9	10.00	ug/mL
Calcium	7440-70-2	100.00	ug/mL
Calcium	7440-70-2	100.00	ug/mL
Chromium	7440-47-3	10.00	ug/mL
Chromium	7440-47-3	10.00	ug/mL
Cobalt	7440-48-4	0.50	ug/mL
Copper	7440-50-8	10.00	ug/mL
Copper	7440-50-8	10.00	ug/mL
Gallium	7440-55-3	0.50	ug/mL
Iron	7439-89-6	100.00	ug/mL
Iron	7439-89-6	100.00	ug/mL
Lead	7439-92-1	1.00	ug/mL
Lithium	7439-93-2	1.00	ug/mL
Magnesium	7439-95-4	100.00	ug/mL
Magnesium	7439-95-4	100.00	ug/mL
Manganese	7439-96-5	10.00	ug/mL
Manganese	7439-96-5	10.00	ug/mL
Molybdenum	7439-98-7	10.00	ug/mL
Molybdenum	7439-98-7	10.00	ug/mL
Nickel	7440-02-0	10.00	ug/mL
Nickel	7440-02-0	10.00	ug/mL
Phosphorus	7723-14-0	0.50	ug/mL
Potassium	7440-09-7	5.00	ug/mL
Selenium	7782-49-2	1.00	ug/mL
Silicon	7440-21-3	1.00	ug/mL
Silver	7440-22-4	0.10	ug/mL
Sodium	7440-23-5	100.00	ug/mL
Sodium	7440-23-5	100.00	ug/mL
Strontium	7440-24-6	0.50	ug/mL
Thallium	7440-28-0	0.50	ug/mL
Tin	7440-31-5	1.00	ug/mL
Titanium	7440-32-6	10.00	ug/mL

Titanium	7440-32-6	10.00	ug/mL
Vanadium	7440-62-2	10.00	ug/mL
Vanadium	7440-62-2	10.00	ug/mL
Zinc	7440-66-6	10.00	ug/mL
Zinc	7440-66-6	10.00	ug/mL

Analytical Standard Record: MC12809

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS IS Working Standard, 0.050mg/L
Solvent: 2%HNO3
Vendor: Microbac
Lot No.: NA
Expires: 04/28/2011
Prepared: 03/28/2011
Prepared By: Peter B. Kelly
Parent Standard: MC12809

Comments: 80ml HNO3 MI02901

Analyte	CAS Number	Concentration	Units
Germanium	7440-56-4	0.05	ug/mL
Holmium	7440-60-0	0.05	ug/mL
Indium		0.05	ug/mL
Lithium	7439-93-2	0.05	ug/mL
Rhodium		0.05	ug/mL
Scandium	7440-20-2	0.05	ug/mL
Terbium	7440-27-9	0.05	ug/mL
Yttrium	7440-65-5	0.05	ug/mL

Analytical Standard Record: MC12816

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 100ppb Cal Std 5
Solvent: HNO3/HCl
Vendor: Microbac
Lot No.: NA
Expires: 04/11/2011
Prepared: 03/28/2011
Prepared By: Peter B. Kelly
Parent Standard: MC12816

Comments: 4ml HNO3 (MI02901) and 2ml HCl (ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.10	ug/mL
Antimony	7440-36-0	0.10	ug/mL
Arsenic	7440-38-2	0.10	ug/mL
Barium	7440-39-3	0.10	ug/mL
Beryllium	7440-41-7	0.10	ug/mL
Bismuth	NA	0.10	ug/mL
Boron	7440-42-8	0.10	ug/mL
Cadmium	7440-43-9	0.10	ug/mL
Calcium	7440-70-2	10.00	ug/mL
Chromium	7440-47-3	0.10	ug/mL
Cobalt	7440-48-4	0.10	ug/mL
Copper	7440-50-8	0.10	ug/mL
Gallium	7440-55-3	0.10	ug/mL
Iron	7439-89-6	0.10	ug/mL
Lead	7439-92-1	0.10	ug/mL
Magnesium	7439-95-4	0.10	ug/mL
Manganese	7439-96-5	0.10	ug/mL

Molybdenum	7439-98-7	0.10	ug/mL
Nickel	7440-02-0	0.10	ug/mL
Nickel_58	7440-02-0	0.10	ug/mL
Nickel_60	7440-02-0	0.10	ug/mL
Nickel_62	7440-02-0	0.10	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Selenium	7782-49-2	0.10	ug/mL
Silicon	7440-21-3	0.10	ug/mL
Silver	7440-22-4	0.10	ug/mL
Sodium	7440-23-5	10.00	ug/mL
Strontium	7440-24-6	0.10	ug/mL
Thallium	7440-28-0	0.10	ug/mL
Thorium	7440-29-1	0.10	ug/mL
Tin	7440-31-5	0.10	ug/mL
Titanium	7440-32-6	0.10	ug/mL
Uranium	7440-61-1	0.10	ug/mL
Vanadium	7440-62-2	0.10	ug/mL
Zinc	7440-66-6	0.10	ug/mL

Analytical Standard Record: MC12818

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 5ppb Cal Std 3
Expires: 04/10/2011
Solvent: HNO3/HCl
Prepared: 03/28/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: NA
Parent Standard: MC12818

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.01	ug/mL
Antimony	7440-36-0	0.01	ug/mL
Arsenic	7440-38-2	0.01	ug/mL
Barium	7440-39-3	0.01	ug/mL
Beryllium	7440-41-7	0.01	ug/mL
Bismuth	NA	0.01	ug/mL
Boron	7440-42-8	0.01	ug/mL
Cadmium	7440-43-9	0.01	ug/mL
Calcium	7440-70-2	0.50	ug/mL
Chromium	7440-47-3	0.01	ug/mL
Cobalt	7440-48-4	0.01	ug/mL
Copper	7440-50-8	0.01	ug/mL
Gallium	7440-55-3	0.01	ug/mL
Iron	7439-89-6	0.01	ug/mL
Lead	7439-92-1	0.01	ug/mL
Magnesium	7439-95-4	0.01	ug/mL
Manganese	7439-96-5	0.01	ug/mL
Molybdenum	7439-98-7	0.01	ug/mL
Nickel	7440-02-0	0.01	ug/mL
Nickel_58	7440-02-0	0.01	ug/mL
Nickel_60	7440-02-0	0.01	ug/mL
Nickel_62	7440-02-0	0.01	ug/mL

Potassium	7440-09-7	0.50	ug/mL
Selenium	7782-49-2	0.01	ug/mL
Silicon	7440-21-3	0.01	ug/mL
Silver	7440-22-4	0.01	ug/mL
Sodium	7440-23-5	0.50	ug/mL
Strontium	7440-24-6	0.01	ug/mL
Thallium	7440-28-0	0.01	ug/mL
Thorium	7440-29-1	0.01	ug/mL
Tin	7440-31-5	0.01	ug/mL
Titanium	7440-32-6	0.01	ug/mL
Uranium	7440-61-1	0.01	ug/mL
Vanadium	7440-62-2	0.01	ug/mL
Zinc	7440-66-6	0.01	ug/mL

Analytical Standard Record: MC12819

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 10ppb Cal Std 4
Solvent: HNO3/HCl
Vendor: Microbac
Lot No.: N/A

Expires: 04/10/2011
Prepared: 03/28/2011
Prepared By: Peter B. Kelly
Parent Standard: MC12819

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.01	ug/mL
Antimony	7440-36-0	0.01	ug/mL
Arsenic	7440-38-2	0.01	ug/mL
Barium	7440-39-3	0.01	ug/mL
Beryllium	7440-41-7	0.01	ug/mL
Bismuth	NA	0.01	ug/mL
Boron	7440-42-8	0.01	ug/mL
Cadmium	7440-43-9	0.01	ug/mL
Calcium	7440-70-2	1.00	ug/mL
Chromium	7440-47-3	0.01	ug/mL
Cobalt	7440-48-4	0.01	ug/mL
Copper	7440-50-8	0.01	ug/mL
Gallium	7440-55-3	0.01	ug/mL
Iron	7439-89-6	0.01	ug/mL
Lead	7439-92-1	0.01	ug/mL
Magnesium	7439-95-4	0.01	ug/mL
Manganese	7439-96-5	0.01	ug/mL
Molybdenum	7439-98-7	0.01	ug/mL
Nickel	7440-02-0	0.01	ug/mL
Nickel_58	7440-02-0	0.01	ug/mL
Nickel_60	7440-02-0	0.01	ug/mL
Nickel_62	7440-02-0	0.01	ug/mL
Potassium	7440-09-7	1.00	ug/mL
Selenium	7782-49-2	0.01	ug/mL
Silicon	7440-21-3	0.01	ug/mL
Silver	7440-22-4	0.01	ug/mL
Sodium	7440-23-5	1.00	ug/mL

Strontium	7440-24-6	0.01	ug/mL
Thallium	7440-28-0	0.01	ug/mL
Thorium	7440-29-1	0.01	ug/mL
Tin	7440-31-5	0.01	ug/mL
Titanium	7440-32-6	0.01	ug/mL
Uranium	7440-61-1	0.01	ug/mL
Vanadium	7440-62-2	0.01	ug/mL
Zinc	7440-66-6	0.01	ug/mL

Analytical Standard Record: MC12820

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 1ppb Cal Std 2
Expires: 04/10/2011
Solvent: HNO3/HCl
Prepared: 03/28/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: NA
Parent Standard: MC12820

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.00	ug/mL
Antimony	7440-36-0	0.00	ug/mL
Arsenic	7440-38-2	0.00	ug/mL
Barium	7440-39-3	0.00	ug/mL
Beryllium	7440-41-7	0.00	ug/mL
Bismuth	NA	0.00	ug/mL
Boron	7440-42-8	0.00	ug/mL
Cadmium	7440-43-9	0.00	ug/mL
Calcium	7440-70-2	0.10	ug/mL
Chromium	7440-47-3	0.00	ug/mL
Cobalt	7440-48-4	0.00	ug/mL
Copper	7440-50-8	0.00	ug/mL
Gallium	7440-55-3	0.00	ug/mL
Iron	7439-89-6	0.00	ug/mL
Lead	7439-92-1	0.00	ug/mL
Magnesium	7439-95-4	0.00	ug/mL
Manganese	7439-96-5	0.00	ug/mL
Molybdenum	7439-98-7	0.00	ug/mL
Nickel	7440-02-0	0.00	ug/mL
Nickel_58	7440-02-0	0.00	ug/mL
Nickel_60	7440-02-0	0.00	ug/mL
Nickel_62	7440-02-0	0.00	ug/mL
Potassium	7440-09-7	0.10	ug/mL
Selenium	7782-49-2	0.00	ug/mL
Silicon	7440-21-3	0.00	ug/mL
Silver	7440-22-4	0.00	ug/mL
Sodium	7440-23-5	0.10	ug/mL
Strontium	7440-24-6	0.00	ug/mL
Thallium	7440-28-0	0.00	ug/mL
Thorium	7440-29-1	0.00	ug/mL
Tin	7440-31-5	0.00	ug/mL
Titanium	7440-32-6	0.00	ug/mL

Uranium	7440-61-1	0.00	ug/mL
Vanadium	7440-62-2	0.00	ug/mL
Zinc	7440-66-6	0.00	ug/mL

Analytical Standard Record: MC12821

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 0.5ppb Cal Std 1
Expires: 04/10/2011
Solvent: HNO3/HCl
Prepared: 03/28/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: N/A
Parent Standard: MC12821

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.00	ug/mL
Antimony	7440-36-0	0.00	ug/mL
Arsenic	7440-38-2	0.00	ug/mL
Barium	7440-39-3	0.00	ug/mL
Beryllium	7440-41-7	0.00	ug/mL
Bismuth	NA	0.00	ug/mL
Boron	7440-42-8	0.00	ug/mL
Cadmium	7440-43-9	0.00	ug/mL
Calcium	7440-70-2	0.05	ug/mL
Chromium	7440-47-3	0.00	ug/mL
Cobalt	7440-48-4	0.00	ug/mL
Copper	7440-50-8	0.00	ug/mL
Gallium	7440-55-3	0.00	ug/mL
Iron	7439-89-6	0.00	ug/mL
Lead	7439-92-1	0.00	ug/mL
Magnesium	7439-95-4	0.00	ug/mL
Manganese	7439-96-5	0.00	ug/mL
Molybdenum	7439-98-7	0.00	ug/mL
Nickel	7440-02-0	0.00	ug/mL
Nickel_58	7440-02-0	0.00	ug/mL
Nickel_60	7440-02-0	0.00	ug/mL
Nickel_62	7440-02-0	0.00	ug/mL
Potassium	7440-09-7	0.05	ug/mL
Selenium	7782-49-2	0.00	ug/mL
Silicon	7440-21-3	0.00	ug/mL
Silver	7440-22-4	0.00	ug/mL
Sodium	7440-23-5	0.05	ug/mL
Strontium	7440-24-6	0.00	ug/mL
Thallium	7440-28-0	0.00	ug/mL
Thorium	7440-29-1	0.00	ug/mL
Tin	7440-31-5	0.00	ug/mL
Titanium	7440-32-6	0.00	ug/mL
Uranium	7440-61-1	0.00	ug/mL
Vanadium	7440-62-2	0.00	ug/mL
Zinc	7440-66-6	0.00	ug/mL

Analytical Standard Record: MC12822

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS Post Spike Soln, 5ppm
Solvent: HNO3
Vendor: Microbac
Lot No.: NA

Expires: 04/11/2011
Prepared: 03/28/2011
Prepared By: Peter B. Kelly
Parent Standard: MC12822

Comments: 0.1ml HNO3 (ML01003)

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	25.00	ug/mL
Antimony	7440-36-0	5.00	ug/mL
Arsenic	7440-38-2	5.00	ug/mL
Barium	7440-39-3	5.00	ug/mL
Beryllium	7440-41-7	5.00	ug/mL
Bismuth	NA	5.00	ug/mL
Boron	7440-42-8	5.00	ug/mL
Cadmium	7440-43-9	5.00	ug/mL
Calcium	7440-70-2	50.00	ug/mL
Chromium	7440-47-3	5.00	ug/mL
Cobalt	7440-48-4	5.00	ug/mL
Copper	7440-50-8	5.00	ug/mL
Gallium	7440-55-3	5.00	ug/mL
Iron	7439-89-6	25.00	ug/mL
Lead	7439-92-1	5.00	ug/mL
Lithium	7439-93-2	5.00	ug/mL
Magnesium	7439-95-4	50.00	ug/mL
Manganese	7439-96-5	5.00	ug/mL
Molybdenum	7439-98-7	5.00	ug/mL
Nickel	7440-02-0	5.00	ug/mL
Nickel_58	7440-02-0	5.00	ug/mL
Nickel_60	7440-02-0	5.00	ug/mL
Nickel_62	7440-02-0	5.00	ug/mL
Phosphorus	7723-14-0	5.00	ug/mL
Potassium	7440-09-7	50.00	ug/mL
Selenium	7782-49-2	5.00	ug/mL
Silicon	7440-21-3	5.00	ug/mL
Silver	7440-22-4	2.50	ug/mL
Sodium	7440-23-5	50.00	ug/mL
Strontium	7440-24-6	5.00	ug/mL
Thallium	7440-28-0	5.00	ug/mL
Tin	7440-31-5	5.00	ug/mL
Titanium	7440-32-6	5.00	ug/mL
Uranium	7440-61-1	5.00	ug/mL
Vanadium	7440-62-2	5.00	ug/mL
Zinc	7440-66-6	5.00	ug/mL

Analytical Standard Record: MC12823

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 1000ppb HCV
Solvent: HNO3/HCL
Vendor: Microbac
Lot No.: NA

Expires: 04/11/2011
Prepared: 03/28/2011
Prepared By: Peter B. Kelly
Parent Standard: MC12823

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	5.00	ug/mL
Antimony	7440-36-0	1.00	ug/mL
Arsenic	7440-38-2	1.00	ug/mL
Barium	7440-39-3	1.00	ug/mL
Beryllium	7440-41-7	1.00	ug/mL
Bismuth	NA	1.00	ug/mL
Boron	7440-42-8	1.00	ug/mL
Cadmium	7440-43-9	1.00	ug/mL
Calcium	7440-70-2	10.00	ug/mL
Chromium	7440-47-3	1.00	ug/mL
Cobalt	7440-48-4	1.00	ug/mL
Copper	7440-50-8	1.00	ug/mL
Gallium	7440-55-3	1.00	ug/mL
Iron	7439-89-6	5.00	ug/mL
Lead	7439-92-1	1.00	ug/mL
Lithium	7439-93-2	1.00	ug/mL
Magnesium	7439-95-4	10.00	ug/mL
Manganese	7439-96-5	1.00	ug/mL
Molybdenum	7439-98-7	1.00	ug/mL
Nickel	7440-02-0	1.00	ug/mL
Nickel_58	7440-02-0	1.00	ug/mL
Nickel_60	7440-02-0	1.00	ug/mL
Nickel_62	7440-02-0	1.00	ug/mL
Phosphorus	7723-14-0	1.00	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Selenium	7782-49-2	1.00	ug/mL
Silicon	7440-21-3	1.00	ug/mL
Silver	7440-22-4	0.50	ug/mL
Sodium	7440-23-5	10.00	ug/mL
Strontium	7440-24-6	1.00	ug/mL
Thallium	7440-28-0	1.00	ug/mL
Tin	7440-31-5	1.00	ug/mL
Titanium	7440-32-6	1.00	ug/mL
Uranium	7440-61-1	1.00	ug/mL
Vanadium	7440-62-2	1.00	ug/mL
Zinc	7440-66-6	1.00	ug/mL

Analytical Standard Record: MC12824

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS 500ppb SCV
Solvent: HNO3/HCL
Vendor: Microbac
Lot No.: NA

Expires: 04/11/2011
Prepared: 03/28/2011
Prepared By: Peter B. Kelly
Parent Standard: MC12824

Comments: 4ml HNO3(MI02901) and 2ml HCl(ML01003), no IS added.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	2.50	ug/mL
Antimony	7440-36-0	0.50	ug/mL
Arsenic	7440-38-2	0.50	ug/mL
Barium	7440-39-3	0.50	ug/mL
Beryllium	7440-41-7	0.50	ug/mL
Bismuth	NA	0.50	ug/mL
Boron	7440-42-8	0.50	ug/mL
Cadmium	7440-43-9	0.50	ug/mL
Calcium	7440-70-2	5.00	ug/mL
Chromium	7440-47-3	0.50	ug/mL
Cobalt	7440-48-4	0.50	ug/mL
Copper	7440-50-8	0.50	ug/mL
Gallium	7440-55-3	0.50	ug/mL
Iron	7439-89-6	2.50	ug/mL
Lead	7439-92-1	0.50	ug/mL
Lithium	7439-93-2	0.50	ug/mL
Magnesium	7439-95-4	5.00	ug/mL
Manganese	7439-96-5	0.50	ug/mL
Molybdenum	7439-98-7	0.50	ug/mL
Nickel	7440-02-0	0.50	ug/mL
Nickel_58	7440-02-0	0.50	ug/mL
Nickel_60	7440-02-0	0.50	ug/mL
Nickel_62	7440-02-0	0.50	ug/mL
Phosphorus	7723-14-0	0.50	ug/mL
Potassium	7440-09-7	5.00	ug/mL
Selenium	7782-49-2	0.50	ug/mL
Silicon	7440-21-3	0.50	ug/mL
Silver	7440-22-4	0.25	ug/mL
Sodium	7440-23-5	5.00	ug/mL
Strontium	7440-24-6	0.50	ug/mL
Thallium	7440-28-0	0.50	ug/mL
Tin	7440-31-5	0.50	ug/mL
Titanium	7440-32-6	0.50	ug/mL
Uranium	7440-61-1	0.50	ug/mL
Vanadium	7440-62-2	0.50	ug/mL
Zinc	7440-66-6	0.50	ug/mL

Analytical Standard Record: MC12825

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS ICV, 40ppb
Solvent: 2% HNO3/1%HCl
Vendor: Microbac
Lot No.: NA

Expires: 04/11/2011
Prepared: 03/28/2011
Prepared By: Peter B. Kelly
Parent Standard: MC12825

Comments: 1.0ml MI0201, 0.5ml ML01003

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.20	ug/mL
Antimony	7440-36-0	0.04	ug/mL
Arsenic	7440-38-2	0.04	ug/mL
Barium	7440-39-3	0.04	ug/mL
Beryllium	7440-41-7	0.04	ug/mL
Bismuth	NA	0.04	ug/mL
Boron	7440-42-8	0.04	ug/mL
Cadmium	7440-43-9	0.04	ug/mL
Calcium	7440-70-2	0.40	ug/mL
Chromium	7440-47-3	0.04	ug/mL
Cobalt	7440-48-4	0.04	ug/mL
Copper	7440-50-8	0.04	ug/mL
Gallium	7440-55-3	0.04	ug/mL
Iron	7439-89-6	0.20	ug/mL
Lead	7439-92-1	0.04	ug/mL
Lithium	7439-93-2	0.04	ug/mL
Magnesium	7439-95-4	0.40	ug/mL
Manganese	7439-96-5	0.04	ug/mL
Molybdenum	7439-98-7	0.04	ug/mL
Nickel	7440-02-0	0.04	ug/mL
Nickel_58	7440-02-0	0.04	ug/mL
Nickel_60	7440-02-0	0.04	ug/mL
Nickel_62	7440-02-0	0.04	ug/mL
Phosphorus	7723-14-0	0.04	ug/mL
Potassium	7440-09-7	0.40	ug/mL
Selenium	7782-49-2	0.04	ug/mL
Silicon	7440-21-3	0.04	ug/mL
Silver	7440-22-4	0.02	ug/mL
Sodium	7440-23-5	0.40	ug/mL
Strontium	7440-24-6	0.04	ug/mL
Thallium	7440-28-0	0.04	ug/mL
Tin	7440-31-5	0.04	ug/mL
Titanium	7440-32-6	0.04	ug/mL
Uranium	7440-61-1	0.04	ug/mL
Vanadium	7440-62-2	0.04	ug/mL
Zinc	7440-66-6	0.04	ug/mL

Analytical Standard Record: MC12826

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS IFA Working Std
Expires: 04/11/2011
Solvent: 5% HNO3
Prepared: 03/28/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: NA
Parent Standard: MC12826

Comments: 1ml HNO3 (MI02901) and 0.5ml HCL (ML01003)

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	10.00	ug/mL
Calcium	7440-70-2	30.00	ug/mL
Iron	7439-89-6	25.00	ug/mL
Magnesium	7439-95-4	10.00	ug/mL
Molybdenum	7439-98-7	0.20	ug/mL
Phosphorus	7723-14-0	10.00	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Sodium	7440-23-5	25.00	ug/mL
Sulfur	7704-34-9	10.00	ug/mL
Titanium	7440-32-6	0.20	ug/mL

Analytical Standard Record: MC12827

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS IFAB Working Std
Expires: 04/11/2011
Solvent: 5% HNO3
Prepared: 03/28/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: NA
Parent Standard: MC12827

Comments: 1ml HNO3 (MI02901) and 0.5ml HCL (ML01003), 0.5ml IS Stock.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	10.00	ug/mL
Arsenic	7440-38-2	0.10	ug/mL
Cadmium	7440-43-9	0.10	ug/mL
Calcium	7440-70-2	30.00	ug/mL
Chromium	7440-47-3	0.20	ug/mL
Cobalt	7440-48-4	0.20	ug/mL
Copper	7440-50-8	0.20	ug/mL
Iron	7439-89-6	25.00	ug/mL
Magnesium	7439-95-4	10.00	ug/mL
Manganese	7439-96-5	0.20	ug/mL
Molybdenum	7439-98-7	0.20	ug/mL
Nickel	7440-02-0	0.20	ug/mL
Phosphorus	7723-14-0	10.00	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Selenium	7782-49-2	0.10	ug/mL
Silver	7440-22-4	0.05	ug/mL
Sodium	7440-23-5	25.00	ug/mL
Sulfur	7704-34-9	10.00	ug/mL
Titanium	7440-32-6	0.20	ug/mL
Vanadium	7440-62-2	0.20	ug/mL
Zinc	7440-66-6	0.10	ug/mL

Analytical Standard Record: MC13003

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 100
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 04/03/2011
Prepared: 03/30/2011
Prepared By: Mark B. Horan
Parent Standard: MC13003

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.10	ug/mL
1,1,1-Trichloroethane	71-55-6	0.10	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.10	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.10	ug/mL
1,1,2-Trichloroethane	79-00-5	0.10	ug/mL
1,1-Dichloroethane	75-34-3	0.10	ug/mL
1,1-Dichloroethene	75-35-4	0.10	ug/mL
1,1-Dichloropropene	563-58-6	0.10	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.10	ug/mL
1,2,3-Trichloropropane	96-18-4	0.10	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.10	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.10	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.10	ug/mL
1,2-Dibromoethane	106-93-4	0.10	ug/mL
1,2-Dichlorobenzene	95-50-1	0.10	ug/mL
1,2-Dichloroethane	107-06-2	0.10	ug/mL
1,2-Dichloropropane	78-87-5	0.10	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.10	ug/mL
1,3-Dichlorobenzene	541-73-1	0.10	ug/mL
1,3-Dichloropropane	142-28-9	0.10	ug/mL
1,4-Dichlorobenzene	106-46-7	0.10	ug/mL
2,2-Dichloropropane	590-20-7	0.10	ug/mL
2-Butanone (MEK)	78-93-3	0.50	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.05	ug/mL
2-Chlorotoluene	95-49-8	0.10	ug/mL
2-Hexanone (MBK)	591-78-6	0.50	ug/mL
2-Nitropropane	79-46-9	0.10	ug/mL
4-Chlorotoluene	106-43-4	0.10	ug/mL
4-Isopropyltoluene	99-87-6	0.10	ug/mL
Acetone	67-64-1	0.50	ug/mL
Acetonitrile	75-05-8	0.10	ug/mL
Acrolein	107-02-8	0.50	ug/mL
Acrylonitrile	107-13-1	0.10	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.10	ug/mL
Benzene	71-43-2	0.10	ug/mL
Bromobenzene	108-86-1	0.10	ug/mL
Bromochloromethane	74-97-5	0.10	ug/mL
Bromodichloromethane	75-27-4	0.10	ug/mL
Bromoform	75-25-2	0.10	ug/mL
Bromomethane	74-83-9	0.10	ug/mL

Butylbenzene	135-98-8	0.10	ug/mL
Carbon disulfide	75-15-0	0.10	ug/mL
Carbon Tetrachloride	56-23-5	0.10	ug/mL
Chlorobenzene	108-90-7	0.10	ug/mL
Chloroethane	75-00-3	0.10	ug/mL
Chloroform	67-66-3	0.10	ug/mL
Chloromethane	74-87-3	0.10	ug/mL
Chloroprene	126-99-8	0.10	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.10	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.10	ug/mL
Cyclohexane	110-82-7	0.10	ug/mL
Dibromochloromethane	124-48-1	0.10	ug/mL
Dibromomethane	74-95-3	0.10	ug/mL
Dichlorodifluoromethane	75-71-8	0.10	ug/mL
Ethyl Methacrylate	97-63-2	0.10	ug/mL
Ethylbenzene	100-41-4	0.10	ug/mL
Hexachlorobutadiene	87-68-3	0.10	ug/mL
Iodomethane	74-88-4	0.10	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.10	ug/mL
m,p-Xylenes	108-38-3	0.20	ug/mL
Methacrylonitrile	126-98-7	0.10	ug/mL
Methyl Acetate	76-20-9	0.10	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.50	ug/mL
Methyl Methacrylate	80-62-6	0.10	ug/mL
Methylcyclohexane	108-87-2	0.10	ug/mL
Methylene Chloride	75-09-2	0.10	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.10	ug/mL
Naphthalene	91-20-3	0.10	ug/mL
o-Xylene	95-47-6	0.10	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.10	ug/mL
Propylbenzene	103-65-1	0.10	ug/mL
sec-Butylbenzene	135-98-8	0.10	ug/mL
Styrene	100-42-5	0.10	ug/mL
tert-Butylbenzene	98-06-6	0.10	ug/mL
Tetrachloroethene	127-18-4	0.10	ug/mL
Tetrahydrofuran	109-99-9	0.10	ug/mL
Toluene	108-88-3	0.10	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.10	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.10	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.10	ug/mL
Trichloroethene	79-01-6	0.10	ug/mL
Trichlorofluoromethane	75-69-4	0.10	ug/mL
Vinyl acetate	108-05-4	0.10	ug/mL
Vinyl chloride	75-01-4	0.10	ug/mL

Analytical Standard Record: MC13004

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 50
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 04/03/2011
Prepared: 03/30/2011
Prepared By: Mark B. Horan
Parent Standard: MC13004

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.05	ug/mL
1,1,1-Trichloroethane	71-55-6	0.05	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.05	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.05	ug/mL
1,1,2-Trichloroethane	79-00-5	0.05	ug/mL
1,1-Dichloroethane	75-34-3	0.05	ug/mL
1,1-Dichloroethene	75-35-4	0.05	ug/mL
1,1-Dichloropropene	563-58-6	0.05	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.05	ug/mL
1,2,3-Trichloropropane	96-18-4	0.05	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.05	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.05	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.05	ug/mL
1,2-Dibromoethane	106-93-4	0.05	ug/mL
1,2-Dichlorobenzene	95-50-1	0.05	ug/mL
1,2-Dichloroethane	107-06-2	0.05	ug/mL
1,2-Dichloropropane	78-87-5	0.05	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.05	ug/mL
1,3-Dichlorobenzene	541-73-1	0.05	ug/mL
1,3-Dichloropropane	142-28-9	0.05	ug/mL
1,4-Dichlorobenzene	106-46-7	0.05	ug/mL
2,2-Dichloropropane	590-20-7	0.05	ug/mL
2-Butanone (MEK)	78-93-3	0.25	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.03	ug/mL
2-Chlorotoluene	95-49-8	0.05	ug/mL
2-Hexanone (MBK)	591-78-6	0.25	ug/mL
2-Nitropropane	79-46-9	0.05	ug/mL
4-Chlorotoluene	106-43-4	0.05	ug/mL
4-Isopropyltoluene	99-87-6	0.05	ug/mL
Acetone	67-64-1	0.25	ug/mL
Acetonitrile	75-05-8	0.05	ug/mL
Acrolein	107-02-8	0.25	ug/mL
Acrylonitrile	107-13-1	0.05	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.05	ug/mL
Benzene	71-43-2	0.05	ug/mL
Bromobenzene	108-86-1	0.05	ug/mL
Bromochloromethane	74-97-5	0.05	ug/mL
Bromodichloromethane	75-27-4	0.05	ug/mL
Bromoform	75-25-2	0.05	ug/mL
Bromomethane	74-83-9	0.05	ug/mL

Butylbenzene	135-98-8	0.05	ug/mL
Carbon disulfide	75-15-0	0.05	ug/mL
Carbon Tetrachloride	56-23-5	0.05	ug/mL
Chlorobenzene	108-90-7	0.05	ug/mL
Chloroethane	75-00-3	0.05	ug/mL
Chloroform	67-66-3	0.05	ug/mL
Chloromethane	74-87-3	0.05	ug/mL
Chloroprene	126-99-8	0.05	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.05	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.05	ug/mL
Cyclohexane	110-82-7	0.05	ug/mL
Dibromochloromethane	124-48-1	0.05	ug/mL
Dibromomethane	74-95-3	0.05	ug/mL
Dichlorodifluoromethane	75-71-8	0.05	ug/mL
Ethyl Methacrylate	97-63-2	0.05	ug/mL
Ethylbenzene	100-41-4	0.05	ug/mL
Hexachlorobutadiene	87-68-3	0.05	ug/mL
Iodomethane	74-88-4	0.05	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.05	ug/mL
m,p-Xylenes	108-38-3	0.10	ug/mL
Methacrylonitrile	126-98-7	0.05	ug/mL
Methyl Acetate	76-20-9	0.05	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.25	ug/mL
Methyl Methacrylate	80-62-6	0.05	ug/mL
Methylcyclohexane	108-87-2	0.05	ug/mL
Methylene Chloride	75-09-2	0.05	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.05	ug/mL
Naphthalene	91-20-3	0.05	ug/mL
o-Xylene	95-47-6	0.05	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.05	ug/mL
Propylbenzene	103-65-1	0.05	ug/mL
sec-Butylbenzene	135-98-8	0.05	ug/mL
Styrene	100-42-5	0.05	ug/mL
tert-Butylbenzene	98-06-6	0.05	ug/mL
Tetrachloroethene	127-18-4	0.05	ug/mL
Tetrahydrofuran	109-99-9	0.05	ug/mL
Toluene	108-88-3	0.05	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.05	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.05	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.05	ug/mL
Trichloroethene	79-01-6	0.05	ug/mL
Trichlorofluoromethane	75-69-4	0.05	ug/mL
Vinyl acetate	108-05-4	0.05	ug/mL
Vinyl chloride	75-01-4	0.05	ug/mL

Analytical Standard Record: MC13005

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 200
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 04/03/2011
Prepared: 03/30/2011
Prepared By: Mark B. Horan
Parent Standard: MC13005

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.20	ug/mL
1,1,1-Trichloroethane	71-55-6	0.20	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.20	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.20	ug/mL
1,1,2-Trichloroethane	79-00-5	0.20	ug/mL
1,1-Dichloroethane	75-34-3	0.20	ug/mL
1,1-Dichloroethene	75-35-4	0.20	ug/mL
1,1-Dichloropropene	563-58-6	0.20	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.20	ug/mL
1,2,3-Trichloropropane	96-18-4	0.20	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.20	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.20	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.20	ug/mL
1,2-Dibromoethane	106-93-4	0.20	ug/mL
1,2-Dichlorobenzene	95-50-1	0.20	ug/mL
1,2-Dichloroethane	107-06-2	0.20	ug/mL
1,2-Dichloropropane	78-87-5	0.20	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.20	ug/mL
1,3-Dichlorobenzene	541-73-1	0.20	ug/mL
1,3-Dichloropropane	142-28-9	0.20	ug/mL
1,4-Dichlorobenzene	106-46-7	0.20	ug/mL
2,2-Dichloropropane	590-20-7	0.20	ug/mL
2-Butanone (MEK)	78-93-3	1.00	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.10	ug/mL
2-Chlorotoluene	95-49-8	0.20	ug/mL
2-Hexanone (MBK)	591-78-6	1.00	ug/mL
2-Nitropropane	79-46-9	0.20	ug/mL
4-Chlorotoluene	106-43-4	0.20	ug/mL
4-Isopropyltoluene	99-87-6	0.20	ug/mL
Acetone	67-64-1	1.00	ug/mL
Acetonitrile	75-05-8	0.20	ug/mL
Acrolein	107-02-8	1.00	ug/mL
Acrylonitrile	107-13-1	0.20	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.20	ug/mL
Benzene	71-43-2	0.20	ug/mL
Bromobenzene	108-86-1	0.20	ug/mL
Bromochloromethane	74-97-5	0.20	ug/mL
Bromodichloromethane	75-27-4	0.20	ug/mL
Bromoform	75-25-2	0.20	ug/mL
Bromomethane	74-83-9	0.20	ug/mL

Butylbenzene	135-98-8	0.20	ug/mL
Carbon disulfide	75-15-0	0.20	ug/mL
Carbon Tetrachloride	56-23-5	0.20	ug/mL
Chlorobenzene	108-90-7	0.20	ug/mL
Chloroethane	75-00-3	0.20	ug/mL
Chloroform	67-66-3	0.20	ug/mL
Chloromethane	74-87-3	0.20	ug/mL
Chloroprene	126-99-8	0.20	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.20	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.20	ug/mL
Cyclohexane	110-82-7	0.20	ug/mL
Dibromochloromethane	124-48-1	0.20	ug/mL
Dibromomethane	74-95-3	0.20	ug/mL
Dichlorodifluoromethane	75-71-8	0.20	ug/mL
Ethyl Methacrylate	97-63-2	0.20	ug/mL
Ethylbenzene	100-41-4	0.20	ug/mL
Hexachlorobutadiene	87-68-3	0.20	ug/mL
Iodomethane	74-88-4	0.20	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.20	ug/mL
m,p-Xylenes	108-38-3	0.40	ug/mL
Methacrylonitrile	126-98-7	0.20	ug/mL
Methyl Acetate	76-20-9	0.20	ug/mL
Methyl Isobutyl Ketone	108-10-1	1.00	ug/mL
Methyl Methacrylate	80-62-6	0.20	ug/mL
Methylcyclohexane	108-87-2	0.20	ug/mL
Methylene Chloride	75-09-2	0.20	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.20	ug/mL
Naphthalene	91-20-3	0.20	ug/mL
o-Xylene	95-47-6	0.20	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.20	ug/mL
Propylbenzene	103-65-1	0.20	ug/mL
sec-Butylbenzene	135-98-8	0.20	ug/mL
Styrene	100-42-5	0.20	ug/mL
tert-Butylbenzene	98-06-6	0.20	ug/mL
Tetrachloroethene	127-18-4	0.20	ug/mL
Tetrahydrofuran	109-99-9	0.20	ug/mL
Toluene	108-88-3	0.20	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.20	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.20	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.20	ug/mL
Trichloroethene	79-01-6	0.20	ug/mL
Trichlorofluoromethane	75-69-4	0.20	ug/mL
Vinyl acetate	108-05-4	0.20	ug/mL
Vinyl chloride	75-01-4	0.20	ug/mL

Analytical Standard Record: MC13008

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 20
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 04/03/2011
Prepared: 03/30/2011
Prepared By: Mark B. Horan
Parent Standard: MC13008

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.02	ug/mL
1,1,1-Trichloroethane	71-55-6	0.02	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.02	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.02	ug/mL
1,1,2-Trichloroethane	79-00-5	0.02	ug/mL
1,1-Dichloroethane	75-34-3	0.02	ug/mL
1,1-Dichloroethene	75-35-4	0.02	ug/mL
1,1-Dichloropropene	563-58-6	0.02	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.02	ug/mL
1,2,3-Trichloropropane	96-18-4	0.02	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.02	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.02	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.02	ug/mL
1,2-Dibromoethane	106-93-4	0.02	ug/mL
1,2-Dichlorobenzene	95-50-1	0.02	ug/mL
1,2-Dichloroethane	107-06-2	0.02	ug/mL
1,2-Dichloropropane	78-87-5	0.02	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.02	ug/mL
1,3-Dichlorobenzene	541-73-1	0.02	ug/mL
1,3-Dichloropropane	142-28-9	0.02	ug/mL
1,4-Dichlorobenzene	106-46-7	0.02	ug/mL
2,2-Dichloropropane	590-20-7	0.02	ug/mL
2-Butanone (MEK)	78-93-3	0.10	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.01	ug/mL
2-Chlorotoluene	95-49-8	0.02	ug/mL
2-Hexanone (MBK)	591-78-6	0.10	ug/mL
2-Nitropropane	79-46-9	0.02	ug/mL
4-Chlorotoluene	106-43-4	0.02	ug/mL
4-Isopropyltoluene	99-87-6	0.02	ug/mL
Acetone	67-64-1	0.10	ug/mL
Acetonitrile	75-05-8	0.02	ug/mL
Acrolein	107-02-8	0.10	ug/mL
Acrylonitrile	107-13-1	0.02	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.02	ug/mL
Benzene	71-43-2	0.02	ug/mL
Bromobenzene	108-86-1	0.02	ug/mL
Bromochloromethane	74-97-5	0.02	ug/mL
Bromodichloromethane	75-27-4	0.02	ug/mL
Bromoform	75-25-2	0.02	ug/mL
Bromomethane	74-83-9	0.02	ug/mL

Butylbenzene	135-98-8	0.02	ug/mL
Carbon disulfide	75-15-0	0.02	ug/mL
Carbon Tetrachloride	56-23-5	0.02	ug/mL
Chlorobenzene	108-90-7	0.02	ug/mL
Chloroethane	75-00-3	0.02	ug/mL
Chloroform	67-66-3	0.02	ug/mL
Chloromethane	74-87-3	0.02	ug/mL
Chloroprene	126-99-8	0.02	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.02	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.02	ug/mL
Cyclohexane	110-82-7	0.02	ug/mL
Dibromochloromethane	124-48-1	0.02	ug/mL
Dibromomethane	74-95-3	0.02	ug/mL
Dichlorodifluoromethane	75-71-8	0.02	ug/mL
Ethyl Methacrylate	97-63-2	0.02	ug/mL
Ethylbenzene	100-41-4	0.02	ug/mL
Hexachlorobutadiene	87-68-3	0.02	ug/mL
Iodomethane	74-88-4	0.02	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.02	ug/mL
m,p-Xylenes	108-38-3	0.04	ug/mL
Methacrylonitrile	126-98-7	0.02	ug/mL
Methyl Acetate	76-20-9	0.02	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.10	ug/mL
Methyl Methacrylate	80-62-6	0.02	ug/mL
Methylcyclohexane	108-87-2	0.02	ug/mL
Methylene Chloride	75-09-2	0.02	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.02	ug/mL
Naphthalene	91-20-3	0.02	ug/mL
o-Xylene	95-47-6	0.02	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.02	ug/mL
Propylbenzene	103-65-1	0.02	ug/mL
sec-Butylbenzene	135-98-8	0.02	ug/mL
Styrene	100-42-5	0.02	ug/mL
tert-Butylbenzene	98-06-6	0.02	ug/mL
Tetrachloroethene	127-18-4	0.02	ug/mL
Tetrahydrofuran	109-99-9	0.02	ug/mL
Toluene	108-88-3	0.02	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.02	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.02	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.02	ug/mL
Trichloroethene	79-01-6	0.02	ug/mL
Trichlorofluoromethane	75-69-4	0.02	ug/mL
Vinyl acetate	108-05-4	0.02	ug/mL
Vinyl chloride	75-01-4	0.02	ug/mL

Analytical Standard Record: MC13009

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 10
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 04/03/2011
Prepared: 03/30/2011
Prepared By: Mark B. Horan
Parent Standard: MC13009

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.01	ug/mL
1,1,1-Trichloroethane	71-55-6	0.01	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.01	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.01	ug/mL
1,1,2-Trichloroethane	79-00-5	0.01	ug/mL
1,1-Dichloroethane	75-34-3	0.01	ug/mL
1,1-Dichloroethene	75-35-4	0.01	ug/mL
1,1-Dichloropropene	563-58-6	0.01	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.01	ug/mL
1,2,3-Trichloropropane	96-18-4	0.01	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.01	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.01	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.01	ug/mL
1,2-Dibromoethane	106-93-4	0.01	ug/mL
1,2-Dichlorobenzene	95-50-1	0.01	ug/mL
1,2-Dichloroethane	107-06-2	0.01	ug/mL
1,2-Dichloropropane	78-87-5	0.01	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.01	ug/mL
1,3-Dichlorobenzene	541-73-1	0.01	ug/mL
1,3-Dichloropropane	142-28-9	0.01	ug/mL
1,4-Dichlorobenzene	106-46-7	0.01	ug/mL
2,2-Dichloropropane	590-20-7	0.01	ug/mL
2-Butanone (MEK)	78-93-3	0.05	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.01	ug/mL
2-Chlorotoluene	95-49-8	0.01	ug/mL
2-Hexanone (MBK)	591-78-6	0.05	ug/mL
2-Nitropropane	79-46-9	0.01	ug/mL
4-Chlorotoluene	106-43-4	0.01	ug/mL
4-Isopropyltoluene	99-87-6	0.01	ug/mL
Acetone	67-64-1	0.05	ug/mL
Acetonitrile	75-05-8	0.01	ug/mL
Acrolein	107-02-8	0.05	ug/mL
Acrylonitrile	107-13-1	0.01	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.01	ug/mL
Benzene	71-43-2	0.01	ug/mL
Bromobenzene	108-86-1	0.01	ug/mL
Bromochloromethane	74-97-5	0.01	ug/mL
Bromodichloromethane	75-27-4	0.01	ug/mL
Bromoform	75-25-2	0.01	ug/mL
Bromomethane	74-83-9	0.01	ug/mL

Butylbenzene	135-98-8	0.01	ug/mL
Carbon disulfide	75-15-0	0.01	ug/mL
Carbon Tetrachloride	56-23-5	0.01	ug/mL
Chlorobenzene	108-90-7	0.01	ug/mL
Chloroethane	75-00-3	0.01	ug/mL
Chloroform	67-66-3	0.01	ug/mL
Chloromethane	74-87-3	0.01	ug/mL
Chloroprene	126-99-8	0.01	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.01	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.01	ug/mL
Cyclohexane	110-82-7	0.01	ug/mL
Dibromochloromethane	124-48-1	0.01	ug/mL
Dibromomethane	74-95-3	0.01	ug/mL
Dichlorodifluoromethane	75-71-8	0.01	ug/mL
Ethyl Methacrylate	97-63-2	0.01	ug/mL
Ethylbenzene	100-41-4	0.01	ug/mL
Hexachlorobutadiene	87-68-3	0.01	ug/mL
Iodomethane	74-88-4	0.01	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.01	ug/mL
m,p-Xylenes	108-38-3	0.02	ug/mL
Methacrylonitrile	126-98-7	0.01	ug/mL
Methyl Acetate	76-20-9	0.01	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.05	ug/mL
Methyl Methacrylate	80-62-6	0.01	ug/mL
Methylcyclohexane	108-87-2	0.01	ug/mL
Methylene Chloride	75-09-2	0.01	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.01	ug/mL
Naphthalene	91-20-3	0.01	ug/mL
o-Xylene	95-47-6	0.01	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.01	ug/mL
Propylbenzene	103-65-1	0.01	ug/mL
sec-Butylbenzene	135-98-8	0.01	ug/mL
Styrene	100-42-5	0.01	ug/mL
tert-Butylbenzene	98-06-6	0.01	ug/mL
Tetrachloroethene	127-18-4	0.01	ug/mL
Tetrahydrofuran	109-99-9	0.01	ug/mL
Toluene	108-88-3	0.01	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.01	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.01	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.01	ug/mL
Trichloroethene	79-01-6	0.01	ug/mL
Trichlorofluoromethane	75-69-4	0.01	ug/mL
Vinyl acetate	108-05-4	0.01	ug/mL
Vinyl chloride	75-01-4	0.01	ug/mL

Analytical Standard Record: MC13010

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 5
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 04/03/2011
Prepared: 03/30/2011
Prepared By: Mark B. Horan
Parent Standard: MC13010

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.01	ug/mL
1,1,1-Trichloroethane	71-55-6	0.01	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.01	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.01	ug/mL
1,1,2-Trichloroethane	79-00-5	0.01	ug/mL
1,1-Dichloroethane	75-34-3	0.01	ug/mL
1,1-Dichloroethene	75-35-4	0.01	ug/mL
1,1-Dichloropropene	563-58-6	0.01	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.01	ug/mL
1,2,3-Trichloropropane	96-18-4	0.01	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.01	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.01	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.01	ug/mL
1,2-Dibromoethane	106-93-4	0.01	ug/mL
1,2-Dichlorobenzene	95-50-1	0.01	ug/mL
1,2-Dichloroethane	107-06-2	0.01	ug/mL
1,2-Dichloropropane	78-87-5	0.01	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.01	ug/mL
1,3-Dichlorobenzene	541-73-1	0.01	ug/mL
1,3-Dichloropropane	142-28-9	0.01	ug/mL
1,4-Dichlorobenzene	106-46-7	0.01	ug/mL
2,2-Dichloropropane	590-20-7	0.01	ug/mL
2-Butanone (MEK)	78-93-3	0.03	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.00	ug/mL
2-Chlorotoluene	95-49-8	0.01	ug/mL
2-Hexanone (MBK)	591-78-6	0.03	ug/mL
2-Nitropropane	79-46-9	0.01	ug/mL
4-Chlorotoluene	106-43-4	0.01	ug/mL
4-Isopropyltoluene	99-87-6	0.01	ug/mL
Acetone	67-64-1	0.03	ug/mL
Acetonitrile	75-05-8	0.01	ug/mL
Acrolein	107-02-8	0.03	ug/mL
Acrylonitrile	107-13-1	0.01	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.01	ug/mL
Benzene	71-43-2	0.01	ug/mL
Bromobenzene	108-86-1	0.01	ug/mL
Bromochloromethane	74-97-5	0.01	ug/mL
Bromodichloromethane	75-27-4	0.01	ug/mL
Bromoform	75-25-2	0.01	ug/mL
Bromomethane	74-83-9	0.01	ug/mL

Butylbenzene	135-98-8	0.01	ug/mL
Carbon disulfide	75-15-0	0.01	ug/mL
Carbon Tetrachloride	56-23-5	0.01	ug/mL
Chlorobenzene	108-90-7	0.01	ug/mL
Chloroethane	75-00-3	0.01	ug/mL
Chloroform	67-66-3	0.01	ug/mL
Chloromethane	74-87-3	0.01	ug/mL
Chloroprene	126-99-8	0.01	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.01	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.01	ug/mL
Cyclohexane	110-82-7	0.01	ug/mL
Dibromochloromethane	124-48-1	0.01	ug/mL
Dibromomethane	74-95-3	0.01	ug/mL
Dichlorodifluoromethane	75-71-8	0.01	ug/mL
Ethyl Methacrylate	97-63-2	0.01	ug/mL
Ethylbenzene	100-41-4	0.01	ug/mL
Hexachlorobutadiene	87-68-3	0.01	ug/mL
Iodomethane	74-88-4	0.01	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.01	ug/mL
m,p-Xylenes	108-38-3	0.01	ug/mL
Methacrylonitrile	126-98-7	0.01	ug/mL
Methyl Acetate	76-20-9	0.01	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.03	ug/mL
Methyl Methacrylate	80-62-6	0.01	ug/mL
Methylcyclohexane	108-87-2	0.01	ug/mL
Methylene Chloride	75-09-2	0.01	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.01	ug/mL
Naphthalene	91-20-3	0.01	ug/mL
o-Xylene	95-47-6	0.01	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.01	ug/mL
Propylbenzene	103-65-1	0.01	ug/mL
sec-Butylbenzene	135-98-8	0.01	ug/mL
Styrene	100-42-5	0.01	ug/mL
tert-Butylbenzene	98-06-6	0.01	ug/mL
Tetrachloroethene	127-18-4	0.01	ug/mL
Tetrahydrofuran	109-99-9	0.01	ug/mL
Toluene	108-88-3	0.01	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.01	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.01	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.01	ug/mL
Trichloroethene	79-01-6	0.01	ug/mL
Trichlorofluoromethane	75-69-4	0.01	ug/mL
Vinyl acetate	108-05-4	0.01	ug/mL
Vinyl chloride	75-01-4	0.01	ug/mL

Analytical Standard Record: MC13011

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 IC - 1
Solvent: DI
Vendor: Microbac
Lot No.: -

Expires: 04/03/2011
Prepared: 03/30/2011
Prepared By: Mark B. Horan
Parent Standard: MC13011

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.00	ug/mL
1,1,1-Trichloroethane	71-55-6	0.00	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.00	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.00	ug/mL
1,1,2-Trichloroethane	79-00-5	0.00	ug/mL
1,1-Dichloroethane	75-34-3	0.00	ug/mL
1,1-Dichloroethene	75-35-4	0.00	ug/mL
1,1-Dichloropropene	563-58-6	0.00	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.00	ug/mL
1,2,3-Trichloropropane	96-18-4	0.00	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.00	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.00	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.00	ug/mL
1,2-Dibromoethane	106-93-4	0.00	ug/mL
1,2-Dichlorobenzene	95-50-1	0.00	ug/mL
1,2-Dichloroethane	107-06-2	0.00	ug/mL
1,2-Dichloropropane	78-87-5	0.00	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.00	ug/mL
1,3-Dichlorobenzene	541-73-1	0.00	ug/mL
1,3-Dichloropropane	142-28-9	0.00	ug/mL
1,4-Dichlorobenzene	106-46-7	0.00	ug/mL
2,2-Dichloropropane	590-20-7	0.00	ug/mL
2-Butanone (MEK)	78-93-3	0.01	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.00	ug/mL
2-Chlorotoluene	95-49-8	0.00	ug/mL
2-Hexanone (MBK)	591-78-6	0.01	ug/mL
2-Nitropropane	79-46-9	0.00	ug/mL
4-Chlorotoluene	106-43-4	0.00	ug/mL
4-Isopropyltoluene	99-87-6	0.00	ug/mL
Acetone	67-64-1	0.01	ug/mL
Acetonitrile	75-05-8	0.00	ug/mL
Acrolein	107-02-8	0.01	ug/mL
Acrylonitrile	107-13-1	0.00	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.00	ug/mL
Benzene	71-43-2	0.00	ug/mL
Bromobenzene	108-86-1	0.00	ug/mL
Bromochloromethane	74-97-5	0.00	ug/mL
Bromodichloromethane	75-27-4	0.00	ug/mL
Bromoform	75-25-2	0.00	ug/mL
Bromomethane	74-83-9	0.00	ug/mL

Butylbenzene	135-98-8	0.00	ug/mL
Carbon disulfide	75-15-0	0.00	ug/mL
Carbon Tetrachloride	56-23-5	0.00	ug/mL
Chlorobenzene	108-90-7	0.00	ug/mL
Chloroethane	75-00-3	0.00	ug/mL
Chloroform	67-66-3	0.00	ug/mL
Chloromethane	74-87-3	0.00	ug/mL
Chloroprene	126-99-8	0.00	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.00	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.00	ug/mL
Cyclohexane	110-82-7	0.00	ug/mL
Dibromochloromethane	124-48-1	0.00	ug/mL
Dibromomethane	74-95-3	0.00	ug/mL
Dichlorodifluoromethane	75-71-8	0.00	ug/mL
Ethyl Methacrylate	97-63-2	0.00	ug/mL
Ethylbenzene	100-41-4	0.00	ug/mL
Hexachlorobutadiene	87-68-3	0.00	ug/mL
Iodomethane	74-88-4	0.00	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.00	ug/mL
m,p-Xylenes	108-38-3	0.00	ug/mL
Methacrylonitrile	126-98-7	0.00	ug/mL
Methyl Acetate	76-20-9	0.00	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.01	ug/mL
Methyl Methacrylate	80-62-6	0.00	ug/mL
Methylcyclohexane	108-87-2	0.00	ug/mL
Methylene Chloride	75-09-2	0.00	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.00	ug/mL
Naphthalene	91-20-3	0.00	ug/mL
o-Xylene	95-47-6	0.00	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.00	ug/mL
Propylbenzene	103-65-1	0.00	ug/mL
sec-Butylbenzene	135-98-8	0.00	ug/mL
Styrene	100-42-5	0.00	ug/mL
tert-Butylbenzene	98-06-6	0.00	ug/mL
Tetrachloroethene	127-18-4	0.00	ug/mL
Tetrahydrofuran	109-99-9	0.00	ug/mL
Toluene	108-88-3	0.00	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.00	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.00	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.00	ug/mL
Trichloroethene	79-01-6	0.00	ug/mL
Trichlorofluoromethane	75-69-4	0.00	ug/mL
Vinyl acetate	108-05-4	0.00	ug/mL
Vinyl chloride	75-01-4	0.00	ug/mL

Analytical Standard Record: MC13020

Microbac Laboratories, Inc., Baltimore Division

Description: BNA Surrogate Spike Solution
Solvent: Acetone/MF90304
Vendor: Microbac
Lot No.: -
Expires: 09/29/2011
Prepared: 03/30/2011
Prepared By: Ronald C. Stacy
Parent Standard: MC13020

Comments:

Analyte	CAS Number	Concentration	Units
2,4,6-Tribromophenol	118-79-6	75.00	ug/mL
2-Fluorobiphenyl	321-60-8	50.00	ug/mL
2-Fluorophenol	367-12-4	75.00	ug/mL
Nitrobenzene-d5	4165-60-0	50.00	ug/mL
Phenol-d5	4165-62-2	75.00	ug/mL
Terphenyl-d14	1718-51-0	50.00	ug/mL

Analytical Standard Record: MD02019

Microbac Laboratories, Inc., Baltimore Division

Description: BNA Surrogate Spike Solution
Solvent: Acetone/MF90304
Vendor: Microbac
Lot No.: -
Expires: 04/20/2011
Prepared: 04/20/2010
Prepared By: Ryan I. Smith
Parent Standard: MD02019

Comments:

Analyte	CAS Number	Concentration	Units
2,4,6-Tribromophenol	118-79-6	75.00	ug/mL
2-Fluorobiphenyl	321-60-8	50.00	ug/mL
2-Fluorophenol	367-12-4	75.00	ug/mL
Nitrobenzene-d5	4165-60-0	50.00	ug/mL
Phenol-d5	4165-62-2	75.00	ug/mL
Terphenyl-d14	1718-51-0	50.00	ug/mL

Analytical Standard Record: MD10105

Microbac Laboratories, Inc., Baltimore Division

Description: Hg Daily Spike, 100 ppb
Solvent: DI
Vendor: Microbac
Lot No.: -
Expires: 05/01/2011
Prepared: 04/01/2011
Prepared By: Erika D. Pabon
Parent Standard: MD10105

Comments: This Standard is made at the start of each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.10	ug/mL

Analytical Standard Record: MD10405

Microbac Laboratories, Inc., Baltimore Division

Description: Hg daily H2O CAL STD 1
Solvent: -
Vendor: -
Lot No.: -
Expires: 05/01/2011
Prepared: 04/01/2011
Prepared By: Andy P. Smith
Parent Standard: MD10405

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.00	ug/mL

Analytical Standard Record: MD10406

Microbac Laboratories, Inc., Baltimore Division

Description: Hg daily H2O CAL STD 2
Solvent: -
Vendor: -
Lot No.: -
Expires: 05/01/2011
Prepared: 04/01/2011
Prepared By: Andy P. Smith
Parent Standard: MD10406

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.00	ug/mL

Analytical Standard Record: MD10407

Microbac Laboratories, Inc., Baltimore Division

Description: Hg daily H2O CAL STD 3
Solvent: -
Vendor: -
Lot No.: -
Expires: 05/01/2011
Prepared: 04/01/2011
Prepared By: Andy P. Smith
Parent Standard: MD10407

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.00	ug/mL

Analytical Standard Record: MD10408

Microbac Laboratories, Inc., Baltimore Division

Description: Hg daily H2O CAL STD 4
Solvent: -
Vendor: -
Lot No.: -
Expires: 05/01/2011
Prepared: 04/01/2011
Prepared By: Andy P. Smith
Parent Standard: MD10408

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.01	ug/mL

Analytical Standard Record: MD10409

Microbac Laboratories, Inc., Baltimore Division

Description: Hg daily H2O CAL STD 5
Solvent: -
Vendor: -
Lot No.: -
Expires: 05/01/2011
Prepared: 04/01/2011
Prepared By: Andy P. Smith
Parent Standard: MD10409

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.01	ug/mL

Analytical Standard Record: MD10410

Microbac Laboratories, Inc., Baltimore Division

Description: Hg ICV, 3ppb
Solvent: .
Vendor: Microbac
Lot No.: .
Expires: 05/01/2011
Prepared: 04/01/2011
Prepared By: Andy P. Smith
Parent Standard: MD10410

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.00	ug/mL

Analytical Standard Record: MD10411

Microbac Laboratories, Inc., Baltimore Division

Description: Hg CCV, 3ppb
Solvent: .
Vendor: Microbac
Lot No.: .
Expires: 05/01/2011
Prepared: 04/01/2011
Prepared By: Andy P. Smith
Parent Standard: MD10411

Comments: Prepped with each batch.

Analyte	CAS Number	Concentration	Units
Mercury	7439-97-6	0.00	ug/mL

Analytical Standard Record: MD10421

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 ccv - 20
Solvent: DI
Vendor: Microbac
Lot No.: -
Expires: 04/06/2011
Prepared: 04/04/2011
Prepared By: Mark B. Horan
Parent Standard: MD10421

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.02	ug/mL
1,1,1-Trichloroethane	71-55-6	0.02	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.02	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.02	ug/mL
1,1,2-Trichloroethane	79-00-5	0.02	ug/mL
1,1-Dichloroethane	75-34-3	0.02	ug/mL
1,1-Dichloroethene	75-35-4	0.02	ug/mL
1,1-Dichloropropene	563-58-6	0.02	ug/mL

1,2,3-Trichlorobenzene	87-61-6	0.02	ug/mL
1,2,3-Trichloropropane	96-18-4	0.02	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.02	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.02	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.02	ug/mL
1,2-Dibromoethane	106-93-4	0.02	ug/mL
1,2-Dichlorobenzene	95-50-1	0.02	ug/mL
1,2-Dichloroethane	107-06-2	0.02	ug/mL
1,2-Dichloropropane	78-87-5	0.02	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.02	ug/mL
1,3-Dichlorobenzene	541-73-1	0.02	ug/mL
1,3-Dichloropropane	142-28-9	0.02	ug/mL
1,4-Dichlorobenzene	106-46-7	0.02	ug/mL
2,2-Dichloropropane	590-20-7	0.02	ug/mL
2-Butanone (MEK)	78-93-3	0.10	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.01	ug/mL
2-Chlorotoluene	95-49-8	0.02	ug/mL
2-Hexanone (MBK)	591-78-6	0.10	ug/mL
2-Nitropropane	79-46-9	0.02	ug/mL
4-Chlorotoluene	106-43-4	0.02	ug/mL
4-Isopropyltoluene	99-87-6	0.02	ug/mL
Acetone	67-64-1	0.10	ug/mL
Acetonitrile	75-05-8	0.02	ug/mL
Acrolein	107-02-8	0.10	ug/mL
Acrylonitrile	107-13-1	0.02	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.02	ug/mL
Benzene	71-43-2	0.02	ug/mL
Bromobenzene	108-86-1	0.02	ug/mL
Bromochloromethane	74-97-5	0.02	ug/mL
Bromodichloromethane	75-27-4	0.02	ug/mL
Bromoform	75-25-2	0.02	ug/mL
Bromomethane	74-83-9	0.02	ug/mL
Butylbenzene	135-98-8	0.02	ug/mL
Carbon disulfide	75-15-0	0.02	ug/mL
Carbon Tetrachloride	56-23-5	0.02	ug/mL
Chlorobenzene	108-90-7	0.02	ug/mL
Chloroethane	75-00-3	0.02	ug/mL
Chloroform	67-66-3	0.02	ug/mL
Chloromethane	74-87-3	0.02	ug/mL
Chloroprene	126-99-8	0.02	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.02	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.02	ug/mL
Cyclohexane	110-82-7	0.02	ug/mL
Dibromochloromethane	124-48-1	0.02	ug/mL
Dibromomethane	74-95-3	0.02	ug/mL
Dichlorodifluoromethane	75-71-8	0.02	ug/mL
Ethyl Methacrylate	97-63-2	0.02	ug/mL
Ethylbenzene	100-41-4	0.02	ug/mL
Hexachlorobutadiene	87-68-3	0.02	ug/mL

Iodomethane	74-88-4	0.02	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.02	ug/mL
m,p-Xylenes	108-38-3	0.04	ug/mL
Methacrylonitrile	126-98-7	0.02	ug/mL
Methyl Acetate	76-20-9	0.02	ug/mL
Methyl Isobutyl Ketone	108-10-1	0.10	ug/mL
Methyl Methacrylate	80-62-6	0.02	ug/mL
Methylcyclohexane	108-87-2	0.02	ug/mL
Methylene Chloride	75-09-2	0.02	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.02	ug/mL
Naphthalene	91-20-3	0.02	ug/mL
o-Xylene	95-47-6	0.02	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.02	ug/mL
Propylbenzene	103-65-1	0.02	ug/mL
sec-Butylbenzene	135-98-8	0.02	ug/mL
Styrene	100-42-5	0.02	ug/mL
tert-Butylbenzene	98-06-6	0.02	ug/mL
Tetrachloroethene	127-18-4	0.02	ug/mL
Tetrahydrofuran	109-99-9	0.02	ug/mL
Toluene	108-88-3	0.02	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.02	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.02	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.02	ug/mL
Trichloroethene	79-01-6	0.02	ug/mL
Trichlorofluoromethane	75-69-4	0.02	ug/mL
Vinyl acetate	108-05-4	0.02	ug/mL
Vinyl chloride	75-01-4	0.02	ug/mL

Analytical Standard Record: MD10511

Microbac Laboratories, Inc., Baltimore Division

Description: 8260/624/524 ccv bs/bsd - 20
Expires: 04/06/2011
Solvent: DI
Prepared: 04/05/2011
Vendor: Microbac
Prepared By: Mark B. Horan
Lot No.: -
Parent Standard: MD10511

Comments:

Analyte	CAS Number	Concentration	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.02	ug/mL
1,1,1-Trichloroethane	71-55-6	0.02	ug/mL
1,1,2,2-Tetrachloroethane	79-34-5	0.02	ug/mL
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.02	ug/mL
1,1,2-Trichloroethane	79-00-5	0.02	ug/mL
1,1-Dichloroethane	75-34-3	0.02	ug/mL
1,1-Dichloroethene	75-35-4	0.02	ug/mL
1,1-Dichloropropene	563-58-6	0.02	ug/mL
1,2,3-Trichlorobenzene	87-61-6	0.02	ug/mL
1,2,3-Trichloropropane	96-18-4	0.02	ug/mL
1,2,4-Trichlorobenzene	120-82-1	0.02	ug/mL
1,2,4-Trimethylbenzene	95-63-6	0.02	ug/mL
1,2-Dibromo-3-chloropropane	96-12-8	0.02	ug/mL

1,2-Dibromoethane	106-93-4	0.02	ug/mL
1,2-Dichlorobenzene	95-50-1	0.02	ug/mL
1,2-Dichloroethane	107-06-2	0.02	ug/mL
1,2-Dichloropropane	78-87-5	0.02	ug/mL
1,3,5-Trimethylbenzene	108-67-8	0.02	ug/mL
1,3-Dichlorobenzene	541-73-1	0.02	ug/mL
1,3-Dichloropropane	142-28-9	0.02	ug/mL
1,4-Dichlorobenzene	106-46-7	0.02	ug/mL
2,2-Dichloropropane	590-20-7	0.02	ug/mL
2-Butanone (MEK)	78-93-3	0.10	ug/mL
2-Chloroethyl Vinyl Ether	110-75-8	0.01	ug/mL
2-Chlorotoluene	95-49-8	0.02	ug/mL
2-Hexanone (MBK)	591-78-6	0.10	ug/mL
2-Nitropropane	79-46-9	0.02	ug/mL
4-Chlorotoluene	106-43-4	0.02	ug/mL
4-Isopropyltoluene	99-87-6	0.02	ug/mL
Acetone	67-64-1	0.10	ug/mL
Acetonitrile	75-05-8	0.02	ug/mL
Acrolein	107-02-8	0.10	ug/mL
Acrylonitrile	107-13-1	0.02	ug/mL
Allyl Chloride (3-Chloropropylene)	107-05-1	0.02	ug/mL
Benzene	71-43-2	0.02	ug/mL
Bromobenzene	108-86-1	0.02	ug/mL
Bromochloromethane	74-97-5	0.02	ug/mL
Bromodichloromethane	75-27-4	0.02	ug/mL
Bromoform	75-25-2	0.02	ug/mL
Bromomethane	74-83-9	0.02	ug/mL
Butylbenzene	135-98-8	0.02	ug/mL
Carbon disulfide	75-15-0	0.02	ug/mL
Carbon Tetrachloride	56-23-5	0.02	ug/mL
Chlorobenzene	108-90-7	0.02	ug/mL
Chloroethane	75-00-3	0.02	ug/mL
Chloroform	67-66-3	0.02	ug/mL
Chloromethane	74-87-3	0.02	ug/mL
Chloroprene	126-99-8	0.02	ug/mL
cis-1,2-Dichloroethene	156-59-2	0.02	ug/mL
cis-1,3-Dichloropropene	563-54-2	0.02	ug/mL
Cyclohexane	110-82-7	0.02	ug/mL
Dibromochloromethane	124-48-1	0.02	ug/mL
Dibromomethane	74-95-3	0.02	ug/mL
Dichlorodifluoromethane	75-71-8	0.02	ug/mL
Ethyl Methacrylate	97-63-2	0.02	ug/mL
Ethylbenzene	100-41-4	0.02	ug/mL
Hexachlorobutadiene	87-68-3	0.02	ug/mL
Iodomethane	74-88-4	0.02	ug/mL
Isopropylbenzene (Cumene)	98-82-8	0.02	ug/mL
m,p-Xylenes	108-38-3	0.04	ug/mL
Methacrylonitrile	126-98-7	0.02	ug/mL
Methyl Acetate	76-20-9	0.02	ug/mL

Methyl Isobutyl Ketone	108-10-1	0.10	ug/mL
Methyl Methacrylate	80-62-6	0.02	ug/mL
Methylcyclohexane	108-87-2	0.02	ug/mL
Methylene Chloride	75-09-2	0.02	ug/mL
Methyl-tert-Butyl Ether	1634-04-4	0.02	ug/mL
Naphthalene	91-20-3	0.02	ug/mL
o-Xylene	95-47-6	0.02	ug/mL
Propionitrile (Ethyl Cyanide)	107-12-0	0.02	ug/mL
Propylbenzene	103-65-1	0.02	ug/mL
sec-Butylbenzene	135-98-8	0.02	ug/mL
Styrene	100-42-5	0.02	ug/mL
tert-Butylbenzene	98-06-6	0.02	ug/mL
Tetrachloroethene	127-18-4	0.02	ug/mL
Tetrahydrofuran	109-99-9	0.02	ug/mL
Toluene	108-88-3	0.02	ug/mL
trans-1,2-Dichloroethene	156-60-5	0.02	ug/mL
trans-1,3-Dichloropropene	10061-02-6	0.02	ug/mL
trans-1,4-Dichloro-2-butene	110-57-6	0.02	ug/mL
Trichloroethene	79-01-6	0.02	ug/mL
Trichlorofluoromethane	75-69-4	0.02	ug/mL
Vinyl acetate	108-05-4	0.02	ug/mL
Vinyl chloride	75-01-4	0.02	ug/mL

Analytical Standard Record: MD10524

Microbac Laboratories, Inc., Baltimore Division

Description: ICP internal std
Solvent: -
Vendor: -
Lot No.: -
Expires: 05/05/2011
Prepared: 04/05/2011
Prepared By: Andy P. Smith
Parent Standard: MD10524

Comments: 5% HNO3, 2% HCL, and 9.8g of Cesium carbonate.

Analyte	CAS Number	Concentration	Units
Hydrochloric acid (HCl)	NA	20,000.00	ug/mL
Yttrium	7440-65-5	2.00	ug/mL

Analytical Standard Record: MD10633

Microbac Laboratories, Inc., Baltimore Division

Description: ICP IFA
Solvent: -
Vendor: Microbac
Lot No.: -
Expires: 05/04/2011
Prepared: 04/06/2011
Prepared By: Andy P. Smith
Parent Standard: MD10633

Comments:

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	97.50	ug/mL
Cadmium	7440-43-9	9.75	ug/mL
Calcium	7440-70-2	95.00	ug/mL
Chromium	7440-47-3	9.50	ug/mL
Copper	7440-50-8	9.50	ug/mL
Iron	7439-89-6	99.50	ug/mL

Magnesium	7439-95-4	95.00	ug/mL
Manganese	7439-96-5	9.50	ug/mL
Molybdenum	7439-98-7	9.00	ug/mL
Nickel	7440-02-0	9.00	ug/mL
Sodium	7440-23-5	95.00	ug/mL
Titanium	7440-32-6	9.50	ug/mL
Vanadium	7440-62-2	9.50	ug/mL
Zinc	7440-66-6	9.50	ug/mL

Analytical Standard Record: MD10702

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS IS Working Standard, 0.050mg/L
Expires: 07/07/2011
Solvent: 2%HNO3
Prepared: 04/07/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: NA
Parent Standard: MD10702

Comments: 80ml HNO3 MI02901

Analyte	CAS Number	Concentration	Units
Germanium	7440-56-4	0.05	ug/mL
Holmium	7440-60-0	0.05	ug/mL
Indium		0.05	ug/mL
Lithium	7439-93-2	0.05	ug/mL
Rhodium		0.05	ug/mL
Scandium	7440-20-2	0.05	ug/mL
Terbium	7440-27-9	0.05	ug/mL
Yttrium	7440-65-5	0.05	ug/mL

Analytical Standard Record: MD10703

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS IFA Working Std
Expires: 04/21/2011
Solvent: 5% HNO3
Prepared: 04/07/2011
Vendor: Microbac
Prepared By: Peter B. Kelly
Lot No.: NA
Parent Standard: MD10703

Comments: 1ml HNO3 (MI02901) and 0.5ml HCL (ML01003)

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	10.00	ug/mL
Calcium	7440-70-2	30.00	ug/mL
Iron	7439-89-6	25.00	ug/mL
Magnesium	7439-95-4	10.00	ug/mL
Molybdenum	7439-98-7	0.20	ug/mL
Phosphorus	7723-14-0	10.00	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Sodium	7440-23-5	25.00	ug/mL
Sulfur	7704-34-9	10.00	ug/mL
Titanium	7440-32-6	0.20	ug/mL

Analytical Standard Record: MD10704

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS IFAB Working Std
Solvent: 5% HNO3
Vendor: Microbac
Lot No.: NA
Expires: 04/21/2011
Prepared: 04/07/2011
Prepared By: Peter B. Kelly
Parent Standard: MD10704

Comments: 1ml HNO3 (MI02901) and 0.5ml HCL (ML01003), 0.5ml IS Stock.

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	10.00	ug/mL
Arsenic	7440-38-2	0.10	ug/mL
Cadmium	7440-43-9	0.10	ug/mL
Calcium	7440-70-2	30.00	ug/mL
Chromium	7440-47-3	0.20	ug/mL
Cobalt	7440-48-4	0.20	ug/mL
Copper	7440-50-8	0.20	ug/mL
Iron	7439-89-6	25.00	ug/mL
Magnesium	7439-95-4	10.00	ug/mL
Manganese	7439-96-5	0.20	ug/mL
Molybdenum	7439-98-7	0.20	ug/mL
Nickel	7440-02-0	0.20	ug/mL
Phosphorus	7723-14-0	10.00	ug/mL
Potassium	7440-09-7	10.00	ug/mL
Selenium	7782-49-2	0.10	ug/mL
Silver	7440-22-4	0.05	ug/mL
Sodium	7440-23-5	25.00	ug/mL
Sulfur	7704-34-9	10.00	ug/mL
Titanium	7440-32-6	0.20	ug/mL
Vanadium	7440-62-2	0.20	ug/mL
Zinc	7440-66-6	0.10	ug/mL

Analytical Standard Record: MD11120

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS IS Working Standard, 0.050mg/L
Solvent: 2%HNO3
Vendor: Microbac
Lot No.: NA
Expires: 07/11/2011
Prepared: 04/11/2011
Prepared By: Peter B. Kelly
Parent Standard: MD11120

Comments: 80ml HNO3 MI02901

Analyte	CAS Number	Concentration	Units
Germanium	7440-56-4	0.05	ug/mL
Holmium	7440-60-0	0.05	ug/mL
Indium		0.05	ug/mL
Lithium	7439-93-2	0.05	ug/mL
Rhodium		0.05	ug/mL
Scandium	7440-20-2	0.05	ug/mL
Terbium	7440-27-9	0.05	ug/mL
Yttrium	7440-65-5	0.05	ug/mL

Analytical Standard Record: MD11121

Microbac Laboratories, Inc., Baltimore Division

Description: ICPMS ICV, 40ppb
Solvent: 2% HNO3/1%HCl
Vendor: Microbac
Lot No.: NA

Expires: 04/25/2011
Prepared: 04/11/2011
Prepared By: Peter B. Kelly
Parent Standard: MD11121

Comments: 1.0ml MI0201, 0.5ml ML01003

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	0.20	ug/mL
Antimony	7440-36-0	0.04	ug/mL
Arsenic	7440-38-2	0.04	ug/mL
Barium	7440-39-3	0.04	ug/mL
Beryllium	7440-41-7	0.04	ug/mL
Bismuth	NA	0.04	ug/mL
Boron	7440-42-8	0.04	ug/mL
Cadmium	7440-43-9	0.04	ug/mL
Calcium	7440-70-2	0.40	ug/mL
Chromium	7440-47-3	0.04	ug/mL
Cobalt	7440-48-4	0.04	ug/mL
Copper	7440-50-8	0.04	ug/mL
Gallium	7440-55-3	0.04	ug/mL
Iron	7439-89-6	0.20	ug/mL
Lead	7439-92-1	0.04	ug/mL
Lithium	7439-93-2	0.04	ug/mL
Magnesium	7439-95-4	0.40	ug/mL
Manganese	7439-96-5	0.04	ug/mL
Molybdenum	7439-98-7	0.04	ug/mL
Nickel	7440-02-0	0.04	ug/mL
Nickel_58	7440-02-0	0.04	ug/mL
Nickel_60	7440-02-0	0.04	ug/mL
Nickel_62	7440-02-0	0.04	ug/mL
Phosphorus	7723-14-0	0.04	ug/mL
Potassium	7440-09-7	0.40	ug/mL
Selenium	7782-49-2	0.04	ug/mL
Silicon	7440-21-3	0.04	ug/mL
Silver	7440-22-4	0.02	ug/mL
Sodium	7440-23-5	0.40	ug/mL
Strontium	7440-24-6	0.04	ug/mL
Thallium	7440-28-0	0.04	ug/mL
Tin	7440-31-5	0.04	ug/mL
Titanium	7440-32-6	0.04	ug/mL
Uranium	7440-61-1	0.04	ug/mL
Vanadium	7440-62-2	0.04	ug/mL
Zinc	7440-66-6	0.04	ug/mL

Analytical Standard Record: MD11401

Microbac Laboratories, Inc., Baltimore Division

Description: Alkalinity Lcs 1000ppm
Solvent: di
Vendor: -
Lot No.: -
Expires: 07/14/2011
Prepared: 04/14/2011
Prepared By: Bernadette M. Cummings
Parent Standard: MD11401

Comments: .9443 grams of dried carbonate(MH02602) to 1 liter di

Analyte	CAS Number	Concentration	Units
Alkalinity	E1640192	1,000.00	ug/mL
Alkalinity, Bicarbonate (as CaCO3)		1,000.00	ug/mL
Alkalinity, Carbonate (as CaCO3)		1,000.00	ug/mL
Alkalinity, Hydroxide (as CaCO3)		1,000.00	ug/mL

Analytical Standard Record: MF02303

Microbac Laboratories, Inc., Baltimore Division

Description: Sulfate Stock Standard 1000ppm
Solvent: .
Vendor: Labchem
Lot No.: 0070-10
Expires: 03/12/2012
Prepared: 06/23/2010
Prepared By: Lisa C. Ragin
Parent Standard: MF02303

Comments: RECEIVED ON 06/23/2010

Analyte	CAS Number	Concentration	Units
Sulfate as SO4	14808-79-8	1,000.00	ppm

Analytical Standard Record: MF80902

Microbac Laboratories, Inc., Baltimore Division

Description: NH3 Standard 1000ppm (SPK)
Solvent: -
Vendor: HACH
Lot No.: A9020
Expires: 01/31/2014
Prepared: 01/28/2009
Prepared By: Vassiliki A. Shinas
Parent Standard: MF80902

Comments:

Analyte	CAS Number	Concentration	Units
Ammonia as N	7664-41-7	1,000.00	mg/L
Ammonia, Dissolved as N	7664-41-7	1,000.00	mg/L
Total Kjeldahl Nitrogen	E17148461	1,000.00	mg/L
Total Kjeldahl Nitrogen, Dissolved	E17148461	1,000.00	mg/L

Analytical Standard Record: MK00418

Microbac Laboratories, Inc., Baltimore Division

Description: BFB Tuning Stock
Solvent: Methanol
Vendor: Supelco
Lot No.: LB77846
Expires: 09/02/2011
Prepared: 03/02/2011
Prepared By: Tamara D. Holt
Parent Standard: MK00418

Comments:

Analyte	CAS Number	Concentration	Units
173		1.00	ug/mL
174		1.00	ug/mL

175		1.00	ug/mL
176		1.00	ug/mL
177		1.00	ug/mL
50		1.00	ug/mL
75		1.00	ug/mL
95		1.00	ug/mL
96		1.00	ug/mL
Bromofluorobenzene	460-00-4	25.00	ug/mL

Analytical Standard Record: MK00811

Microbac Laboratories, Inc., Baltimore Division

Description: ICP-ICP/MS Solution A LCS Spike
Solvent: D I H2O
Vendor: High-Purity
Lot No.: 1011005
Expires: 04/20/2011
Prepared: 04/22/2010
Prepared By: Erika D. Pabon
Parent Standard: MK00811

Comments:

Analyte	CAS Number	Concentration	Units
Aluminum	7429-90-5	500.00	ug/mL
Arsenic	7440-38-2	100.00	ug/mL
Barium	7440-39-3	100.00	ug/mL
Beryllium	7440-41-7	100.00	ug/mL
Bismuth	NA	100.00	ug/mL
Boron	7440-42-8	100.00	ug/mL
Cadmium	7440-43-9	100.00	ug/mL
Calcium	7440-70-2	1,000.00	ug/mL
Chromium	7440-47-3	100.00	ug/mL
Cobalt	7440-48-4	100.00	ug/mL
Copper	7440-50-8	100.00	ug/mL
Gallium	7440-55-3	100.00	ug/mL
Iron	7439-89-6	500.00	ug/mL
Lead	7439-92-1	100.00	ug/mL
Lithium	7439-93-2	100.00	ug/mL
Magnesium	7439-95-4	1,000.00	ug/mL
Manganese	7439-96-5	100.00	ug/mL
Nickel	7440-02-0	100.00	ug/mL
Nickel_58	7440-02-0	100.00	ug/mL
Nickel_60	7440-02-0	100.00	ug/mL
Nickel_62	7440-02-0	100.00	ug/mL
Potassium	7440-09-7	1,000.00	ug/mL
Selenium	7782-49-2	100.00	ug/mL
Sodium	7440-23-5	1,000.00	ug/mL
Strontium	7440-24-6	100.00	ug/mL
Thallium	7440-28-0	100.00	ug/mL
Uranium	7440-61-1	100.00	ug/mL
Vanadium	7440-62-2	100.00	ug/mL
Zinc	7440-66-6	100.00	ug/mL

Analytical Standard Record: MK00812

Microbac Laboratories, Inc., Baltimore Division

Description: ICP-ICP/MS Solution B LCS Spike
Expires: 04/20/2011
Solvent: D I H2O
Prepared: 04/22/2010
Vendor: High-Purity
Prepared By: Erika D. Pabon
Lot No.: 1011006
Parent Standard: MK00812

Comments:

Analyte	CAS Number	Concentration	Units
Antimony	7440-36-0	100.00	ug/mL
Molybdenum	7439-98-7	100.00	ug/mL
Phosphorus	7723-14-0	100.00	ug/mL
Silicon	7440-21-3	100.00	ug/mL
Silver	7440-22-4	50.00	ug/mL
Tin	7440-31-5	100.00	ug/mL
Titanium	7440-32-6	100.00	ug/mL

Analytical Standard Record: ML00205

Microbac Laboratories, Inc., Baltimore Division

Description: Turbidity Std 10.0
Expires: 11/30/2011
Solvent: -
Prepared: 12/02/2010
Vendor: Amco
Prepared By: Vassiliki A. Shinas
Lot No.: C037441
Parent Standard: ML00205

Comments:

Analyte	CAS Number	Concentration	Units
Turbidity	E1640507	10.00	ug/mL

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113057 **Matrix:** Water **Department:** Metals

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/22/2011 10:22 1113057

Prepared by: EDP

Prepared using: Metals - EPA 200.2 ICP

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113057-BLK1	Blank	50	50		|	
1113057-BS1	LCS	50	50		500 | 500	
1113057-DUP1	Duplicate [11C1255-31]	50	50		|	
1113057-MS1	Matrix Spike [11C1255-31]	50	50		500 | 500	
1113057-MSD1	Matrix Spike Dup [11C1255-31]	50	50		500 | 500	
1113057-PS1	Post Spike [11C1255-31]	0.5	10		100 | 100	
11C0457-01	Tank 9 Batching	50	50	03/29/20		
11C0823-01	B-002	50	50	03/30/20		
11C1114-01	Kinsale	50	50	03/28/20		
11C1195-01	GWMR ARWA Well # 1	50	50	03/29/20		
11C1195-02	GWMR ARWA Well # 2	50	50	03/29/20		
11C1195-03	GWMR ARWA Well # 3	50	50	03/29/20		
11C1195-04	GWMR ARWA Well # 4	50	50	03/29/20		
11C1195-05	GWMR ARWA Well # 1	50	50	03/29/20		Sample was filtered and Preserved in field
11C1195-06	GWMR ARWA Well # 2	50	50	03/29/20		Sample was filtered and Preserved in field
11C1195-07	GWMR ARWA Well # 3	50	50	03/29/20		Sample was filtered and Preserved in field
11C1195-08	GWMR ARWA Well # 4	50	50	03/29/20		Sample was filtered and Preserved in field
11C1220-01	Dupont Fabros ACC6-Data Center	50	50	03/29/20		
11C1220-02	Dupont Fabros ACC6-Data Center	50	50	03/29/20		
11C1255-31	GL-12 (-17)	50	50	04/18/20		Added for BatchQC in: 1113057
11C1255-32	GL-12 (-3)	50	50	04/13/20		
11C1271-02	002 3/20	50	50	03/24/20		

Al Ca Cu Fe K Mg Mn Na Si Zn

Standard(s):

MK00811	ICP-ICP/MS Solution A LCS Spike	100uL or ug
		500uL or ug

Reagent ID#	Description	Lot Number
MI02901	HNO3, Conc	
ML01003	HCL, Conc.	

MK00812	ICP-ICP/MS Solution B LCS Spike	100 uL
MK00812	ICP-ICP/MS Solution B LCS Spike	500 uL

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/22/2011 10:22 1113057

Prepared by: EDP

Prepared using: Metals - EPA 200.2 ICP

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?				
ICV recoveries acceptable?				
ICB concentrations < 1/2 MRL?				
HCV check recoveries acceptable?				
LCV recoveries acceptable?				
Analysis:				
Bracketing CCV recoveries acceptable?				
Bracketing CCB concentrations < 1/2 MRL?				
Method Blank concentrations < 1/2 MRL?				
LCS (BS) recoveries acceptable?				
Sample Duplicate RPDs acceptable?				
MS/MSD recoveries acceptable?				
MS/MSD RPDs acceptable?				

Analyst Date

Reviewed By 4/26/11 Date

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113063 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/22/2011 10:00 1113063, 3064

Prepared by: VAS

Prepared using: WetChem - NH3_Prep

Matrix: Water Multiple Batches

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113063-BLK1	Blank	100	100		|	
1113063-BS1	LCS	100	100		200 |	
1113063-DUP1	Duplicate [11C1246-01]	100	100		|	
1113063-DUP2	Duplicate [11C1243-01]	100	100		|	
1113063-MS1	Matrix Spike [11C1246-01]	100	100		200 |	
1113063-MS2	Matrix Spike [11C1243-01]	100	100		200 |	
11C1108-01	001 Outfall	100	100	03/30/20		
11C1200-01	6033515	100	100	03/29/20		
11C1226-01	St.Louis Well #1	100	100	03/29/20		
11C1226-02	St.Louis Well #2	100	100	03/29/20		
11C1226-03	St.Louis Well #3	100	100	03/29/20		
11C1226-04	St.Louis Well #4	100	100	03/29/20		
11C1226-05	St.Louis Well #5	100	100	03/29/20		
11C1226-06	St.Louis Well #6	100	100	03/29/20		
11C1243-01	21380001 0000478K	100	100	03/24/20		
11C1244-01	21570001 000047T7	100	100	03/24/20		
11C1245-01	21390001 0000O7Y	100	100	03/24/20		
11C1246-01	21360001 0000487G	100	100	03/23/20		
11C1255-31	GL-12D	100	100	04/04/20		
11C1255-32	GL-12S	100	100	04/04/20		
11C1345-01	21760001 00004866	100	100	03/28/20		

Standard(s):

MB12218	NH3 Standard 1000ppm (LCS)	200uL or ug
MF80902	NH3 Standard 1000ppm (SPK)	200uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/22/2011 10:00 1113063

Prepared by: VAS

Prepared using: WetChem - NH3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				fN'd hold times
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?		✓		fN'd R3
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By BJ 3/23/11 Date

SEAL: Ammonia and TKN Analysis

SM4500 NH_3-G

Date/time Started: 3/22/11 Analyst VAS

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5.0mg/L)	MC11708	4/16/11
ICV/CCV (2.0mg/L)	MC11709	4/16/11
CCB (0.036N H_2SO_4)		
Low Check Std (0.2mg/L)	MC11710	4/16/11
High Check Std (5.0mg/L)	MC11708	4/16/11
EDTA Buffer	per attachment	
Sodium Phenate Reagent		
Sodium Hypochlorite		
Sodium Nitroprusside Reagent		

Tier 1 Review:					Tier 2 Review:			
Analyst/Date: VAS 3/22/11					Analyst/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Calibration:								
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <1/2 PQL?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Was the ICV recovery 90-110%?	✓							
Were results entered into LIMS correctly?	✓							
Was digestion +/or distillation tier completed and attached to run?	✓							

Comments:

1243, 1245, 1244 were recorded past hold time.

Notes:
1) SEAL AQ2 Discrete Analyzer.

SEAL: Ammonia Distillation

SM4500-NH_3 B

#111303

Analyst: VAS Date/Time Started: 3/22/11 @ 1000 Date/Time Completed:

Balance #:

	Chemical #	Expiration Date
1N NaOH	MB12213	
Borate Buffer	MC11725	
0.36N H_2SO_4	MC11703	
Thiosulfate		

Sample ID	Residual Chlorine (+/-)	Initial pH <2 (+/-)	A Sample Volume (ml or g)	pH After Buffer-9.5 (+/-)	B Distillation Volume (ml)	C Dilution Factor C=(B/A)	Comments
Blk	-	+	100	+	100		
LCS	-	+	100	+	100		
1IC1246-1	-	+	100	+	100		
dup	-	+	100	+	100		
MS	-	+	100	+	100		
1226-1	-	+	100	+	100		
1226-2	-	+	100	+	100		
1226-3	-	+	100	+	100		
1226-4	-	+	100	+	100		
1226-5	-	+	100	+	100		
1226-6	-	+	100	+	100		
1245-1	-	+	100	+	100		
1244-1	-	+	100	+	100		
1108-1	-	+	100	+	100		
1243-1	-	+	100	+	100		
dup	-	+	100	+	100		
MS	-	+	100	+	100		
1200-1	-	+	100	+	100		
1255-31	-	+	100	+	100		
1255-32	-	+	100	+	100		
1345-1	-	+	100	+	100		
				VAS 3/22/11			

Notes:

1.) Distillation apparatus: Labconco Model 65200 or Westco EasyDist (circle one).

SEAL: Ammonia Distillation

SM4500-NH_3 B

Date of Analysis: 3/22/11

1st Tier Reviewer: VD Date: 3/22/11

2nd Tier Reviewer: _____ Date: _____

1st Tier Review					2nd Tier Review			
	Yes	No	NA	Note	Yes	No	NA	Note
Was preservation of samples checked and recorded?	✓							
Was residual chlorine checked and recorded on all samples?	✓							
If residual chlorine was present was it neutralized?			✓					
Were samples analyzed within holding time (28 days)?	✓							
Are all chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Were Method Blanks and LCSs distilled every 20 samples?	✓							
Duplicates distilled on 10% of the samples?	✓							
Matrix spikes performed on 10% of the samples?	✓							
Were distillates stored at 4°C until analysis?	✓							
Was preparation entered into the LIMS with the correct dilution factors?	✓							

Comments: _____

2nd Tier Comments: _____

SEAL: TKN Digestion Log

$SM4500N_{org}$

#1113064

Digestion: Analyst: VMS Date/Time: 3/21/11 @ 1345

Distillation/Titration: Analyst: VMS Date/Time: 3/22/11 @ 730

LCS: _____ Chemical #: M102418 Exp. Date: 3/24/11

Spike: _____ Chemical #: 50-00-0 Exp. Date: 1/14

Digestion Reagent	Chemical #
	MA10444

Sample ID	Tube #	Initial pH <2 (+/-)	A Sample Volume (ml)	B Final Volume (ml)	C Dilution Factor C = (B/A)	Comments
Method Blank	1	+	100	100		
LCS	2	+	100	100		
11C0938-2	3	+	100	100		
Dup	4	+	100	100		
MS	5	+	100	100		
944-2	6	+	100	100		
944-1	7	+	100	100		
942-1	8	+	100	100		
976-2	9	+	100	100		
1027-1	10	+	100	100		
1035-1	11	+	100	100		
1061-1	12	+	100	100		
	13					
	14					
	15					
	16					
Dup	17					
MS	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					

VMS 3/22/11

Notes:

1.) Digester Block: A.I. Scientific AIM600 S/N 4826A13426 4833A14770.

SEAL: TKN Digestion Log

$SM4500N_{org}$

Date of Analysis: 3/22/11

1st Tier Reviewer: VAS Date: 3/22/11

2nd Tier Reviewer: _____ Date: _____

1st Tier Review					2nd Tier Review			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was preservation of samples checked and recorded?	✓							
Were samples analyzed within holding time (28 days)?	✓							
Are all chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Was digestion complete?	✓							
Was a MBLK and LCS digested every 20 samples?	✓							
Duplicates performed on 10 % of the samples?	✓							
Were the RPDs within acceptance limits?	✓							
MS performed on 10 % of the samples?	✓							
If MS recoveries <50% was sample redigested?			✓					
Was dilution factor calculated correctly?	✓							
Was prep entered into LIMS correctly?	✓							
Were distilled samples stored at 4°C until analysis?	✓							

Tier 1 Comments: _____

_____

_____

2nd Tier Comments: _____

_____

_____

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 06:51 Wednesday 23rd March 2011
Tray Number: 2
Tray Name: NTK_110322A

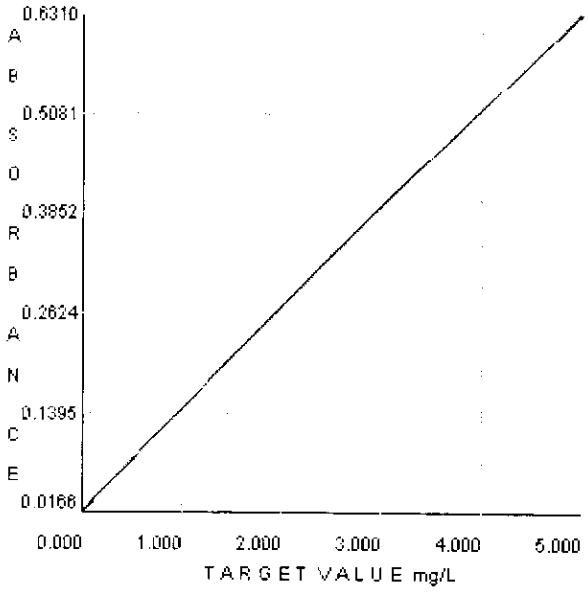
TKN-5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0166	0.0005	0.0000	
S90	0.0284	0.0917	0.1000	-8.2760
S91	0.0811	0.5031	0.5000	0.6220
S92	0.1767	1.2582	1.2500	0.6591
S93	0.3316	2.5069	2.5000	0.2748
S94	0.4799	3.7314	3.7500	-0.4948
S95	0.6310	5.0082	5.0000	0.1631
S0	0.0185	0.0146	0.0000	

Polynomial Order: 2
Correlation Coefficient: 1.0000
Carryover: 0.3
Polynomial Coeffecients: -0.128, 7.731, 0.650,
Date & Time: Wed Mar 16 11:48:36 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NH3 Buffer-5.0	MC11707	VAS	Sat Apr 16 22:00:00 2011
NH3 Phenate-5.0	MC11705	VAS	Sat Apr 16 22:00:00 2011
NH3 Hypoch-5.0	ME02506	VAS	Wed May 25 22:00:00 2011
NH3 Nitropr-5.0	MC11706	VAS	Sat Apr 16 22:00:00 2011
(Blank)			Wed Dec 31 19:00:00 1969

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	0.0225	mg/L			VAS	Tue Mar 22 13:08:57 2011
4	ICV	ICV	2.1333	mg/L			VAS	Tue Mar 22 13:11:02 2011
5	MB	MB	0.0277	mg/L			VAS	Tue Mar 22 13:13:06 2011
6	LCS	LCS	2.1607	mg/L			VAS	Tue Mar 22 13:15:14 2011
7	U1	LOW	0.2007	mg/L			VAS	Tue Mar 22 13:17:21 2011
8	U2	HI	4.8179	mg/L			VAS	Tue Mar 22 13:19:26 2011
9	U3	11C1246-1 NH3	0.0302	mg/L			VAS	Tue Mar 22 13:21:31 2011
10	U4	DUP	0.0530	mg/L			VAS	Tue Mar 22 13:23:35 2011

11	U5	SPK	1.7330	mg/L		VAS	Tue Mar 22 13:25:39 2011
12	U6	11C1226-1	0.0555	mg/L		VAS	Tue Mar 22 13:27:43 2011
	CCV	C C V	2.1643	mg/L		VAS	Tue Mar 22 13:29:48 2011
	CCB	C C B	0.0251	mg/L		VAS	Tue Mar 22 13:31:52 2011
13	U7	11C1226-2	0.0521	mg/L		VAS	Tue Mar 22 13:33:56 2011
14	U8	11C1226-3	0.0489	mg/L		VAS	Tue Mar 22 13:35:59 2011
15	U9	11C1226-4	0.0372	mg/L		VAS	Tue Mar 22 13:38:03 2011
16	U10	11C1226-5	0.0359	mg/L		VAS	Tue Mar 22 13:40:10 2011
17	U11	11C1226-6	0.0841	mg/L		VAS	Tue Mar 22 13:42:17 2011
18	U12	11C1245-1	0.0330	mg/L		VAS	Tue Mar 22 13:44:21 2011
19	U13	11C1244-1	0.0460	mg/L		VAS	Tue Mar 22 13:46:28 2011
20	U14	11C1108-1	2.8800	mg/L		VAS	Tue Mar 22 13:48:31 2011
21	U15	11C1243-1	0.0358	mg/L		VAS	Tue Mar 22 13:50:34 2011
22	U16	DUP	0.0469	mg/L		VAS	Tue Mar 22 13:52:37 2011
	CCV	C C V	2.0689	mg/L		VAS	Tue Mar 22 13:54:41 2011
	CCB	C C B	0.0282	mg/L		VAS	Tue Mar 22 13:56:44 2011
23	U17	SPK	1.7676	mg/L		VAS	Tue Mar 22 13:58:48 2011
24	U18	11C1200-1	23.5366	mg/L	x50.0000	VAS	Tue Mar 22 14:00:52 2011
25	U19	11C1255-31	3.3483	mg/L		VAS	Tue Mar 22 14:02:56 2011
26	U20	11C1255-32	0.2633	mg/L		VAS	Tue Mar 22 14:05:03 2011
27	U21	11C1345-1	0.1372	mg/L		VAS	Tue Mar 22 14:07:10 2011
28	MB	MB	0.0438	mg/L		VAS	Tue Mar 22 14:09:14 2011
29	LCS	LCS	2.1894	mg/L		VAS	Tue Mar 22 14:11:18 2011
30	U22	11C0938-2 TKN	7.1430	mg/L	x10.0000	VAS	Tue Mar 22 14:39:52 2011
31	U23	DUP	7.0991	mg/L	x10.0000	VAS	Tue Mar 22 14:41:56 2011
32	U24	SPK	8.1017	mg/L	x10.0000	VAS	Tue Mar 22 14:43:59 2011
	CCV	C C V	2.1972	mg/L		VAS	Tue Mar 22 14:46:03 2011
	CCB	C C B	0.0287	mg/L		VAS	Tue Mar 22 14:48:07 2011
33	U25	11C0944-2	18.9033	mg/L	x10.0000	VAS	Tue Mar 22 15:25:35 2011
34	U26	11C0944-1	0.9359	mg/L		VAS	Tue Mar 22 14:52:22 2011
35	U27	11C0942-1	5.6162	mg/L	x10.0000	VAS	Tue Mar 22 15:27:14 2011
36	U28	11C0976-2	1.1369	mg/L		VAS	Tue Mar 22 14:55:42 2011
37	U29	11C1027-1	4.5469	mg/L		VAS	Tue Mar 22 14:57:22 2011
38	U30	11C1035-1	0.3808	mg/L		VAS	Tue Mar 22 14:59:01 2011
39	U31	11C1061-1	0.1450	mg/L		VAS	Tue Mar 22 15:00:41 2011
	CCV	C C V	2.1527	mg/L		VAS	Tue Mar 22 15:02:20 2011
	CCB	C C B	0.0185	mg/L		VAS	Tue Mar 22 15:04:00 2011
	CCB	CONTROL 12	0.0204	mg/L			Tue Mar 22 15:22:15 2011
	CCV	CONTROL 11	2.1789	mg/L			Tue Mar 22 15:23:55 2011
	CCB	CONTROL 12	0.0315	mg/L			Tue Mar 22 15:28:54 2011
	CCV	CONTROL 11	2.1032	mg/L			Tue Mar 22 15:30:33 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113066 **Matrix:** Water **Department:** Metals

PREPARATION BENCH SHEET

1113066

Sequence: MIC2303

Calibration:

Prepared: 03/22/2011 11:34
Prepared by: EDP

Microbac Laboratories, Inc., Baltimore Division

Matrix: Water

Prepared using: Metals - EPA 200.2 ICPMS

Printed: 3/22/2011 3:56:03PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1113066-BLK1		50	50				Re (V, Mn): MIC2306
1113066-BS1		50	50	MK00811		100	
1113066-DUP1		50	50		11C1255-32		Re (Zn): MIC2307
1113066-MS1		50	50	MK00811	11C1255-32	100	
1113066-MSD1		50	50	MK00811	11C1255-32	100	
11C0457-01	03/29/2011 15:00	50	50				
Automatic Rolls of Baltimore			Tank 9 Batching				
M_Mn_ICPMS Re1	*M_Pb_ICPMS*						
11C0823-01	03/30/2011 15:00	50	50				
GenOn- Chalk Point Gen. Sta.			B-002				
M_Pb_ICPMS	*M_Se_ICPMS*		*M_Cu_ICPMS*	*M_As_ICPMS*	*M_Zn_ICPMS* Re1		
11C1114-01	03/28/2011 15:00	50	50				
Aqua Virginia			Kinsale				
M_Cd_ICPMS	*M_Mn_ICPMS*		*M_Zn_ICPMS* Re1	*M_Tl_ICPMS*	*M_Se_ICPMS*	*M_Sb_ICPMS*	*M_Pb_ICPMS* *M_Ni_ICPMS*
M_Cr_ICPMS	*M_Ag_ICPMS*		~~*M_Be_ICPMS*~~	*M_Ba_ICPMS*	*M_As_ICPMS*	*M_Al_ICPMS*	*M_Cu_ICPMS*
11C1117-01	03/28/2011 15:00	10	50				
Richmond, City of WWTP			Cumberland/Powhatan Septic				
M_Ag_ICPMS	*M_Zn_ICPMS* Re1		*M_Pb_ICPMS*	*M_Ni_ICPMS*	*M_Cu_ICPMS*	*M_Cd_ICPMS*	*M_Cr_ICPMS*
11C1255-31	04/04/2011 15:00	50	50				
Severstal Sparrows Point			GL-12D				
M_Ba_ICPMS	*M_Ag_ICPMS*		*M_Be_ICPMS*	*M_Tl_ICPMS*	*M_As_ICPMS*	*M_V_ICPMS* Re1	*M_Se_ICPMS* *M_Sb_ICPMS* Re3
M_Pb_ICPMS	*M_Mn_ICPMS* 10X Re2		*M_Cu_ICPMS*	*M_Cr_ICPMS*	*M_Co_ICPMS*	*M_Cd_ICPMS*	*M_Ni_ICPMS* *M_Zn_ICPMS*
11C1255-32	04/04/2011 15:00	50	50				
Severstal Sparrows Point			GL-12S				
M_Zn_ICPMS Re2	*M_Ni_ICPMS*		*M_Pb_ICPMS*	*M_Sb_ICPMS*	*M_Se_ICPMS*	*M_V_ICPMS* Re1	*M_Mn_ICPMS* (Low Re1) *M_Ba_ICPMS*
M_Tl_ICPMS	*M_Cu_ICPMS*		*M_Cr_ICPMS*	*M_Co_ICPMS*	*M_Be_ICPMS*	*M_As_ICPMS*	*M_Al_ICPMS* *M_Ag_ICPMS*
D_Cu_ICPMS	*M_Cd_ICPMS*						
11C1271-01	03/24/2011 16:30	50	50				
Millennium Inorganic Chemicals			001				

PREPARATION BENCH SHEET

1113066

Sequence:

Calibration:

Prepared: 03/22/2011 11:34
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division
Prepared using: Metals - EPA 200.2 ICPMS

Printed: 3/22/2011 3:56:03PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
M_Cr_ICPMS	*M_Ni_ICPMS*						
11C1271-02	03/24/2011 16:30	50	50				
Millennium Inorganic Chemicals			002 3/20				
M_Cr_ICPMS	*M_Cu_ICPMS*		*M_Ni_ICPMS*				
11C1271-03	03/24/2011 16:30	50	50				
Millennium Inorganic Chemicals			002 3/20 dissolved				
D_Cu_ICPMS							

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			Mn ok
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?		✓		Al, Ag, ~~Ti~~, V, / Zn - CCV ↓ - all Zn Samples (4)
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?		✓		Sb Cr
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓			

Analyst — Date: 3/23/11

Reviewed By — Date: 3/23/11

(1) Mn CCV #3 high. Reanalyzed all hits / Zn. analyzed on new curve.
V CCV #3 Low - Reanalyzed all V's

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113070 **Matrix:** Water **Department:** WetChem

Sequence:

Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/22/2011 09:27 1113070

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep No2

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113070-BLK1	Blank	1	1		|	
1113070-BS1	LCS	1	1		1000 |	
1113070-DUP1	Duplicate [11C1255-32]	1	1		|	
1113070-MS1	Matrix Spike [11C1255-32]	1	1		50 |	
11C1255-31	GL-12D	1	1	03/30/20		
11C1255-32	GL-12S	1	1	03/30/20		

Standard(s):		
MC10804	NO2 Matrix Spike, 5ppm	50uL or ug
MC10805	NO2, LCS/CCV, 0.5ppm	1000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/22/2011 09:27 1113070

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed by 3/23/11 Date

SEAL: Nitrite # 111320

EPA 353.2

Control #: 50-467
Effective Date: 8/19/2010
Page: 1 of 1

Date/time Started: 3/22/11 Analyst VKS

Reagent/Standard	Chemical #	Expiration Date	Reagent Position
Calibration Std (1mg-N/L)	MC10803	4/3/11	
Matrix Spike (5mg-N/L)	MC10804	4/9/11	
ICV/CCV/LCS (0.5mg-N/L)	MC10805	4/5/11	9
CCB (DI Water)			1
Low Check Std (0.05mg-N/L)	MC10806	4/8/11	
Sulfanilamide Color Reagent	See attachment		10
Ammonium Chloride Buffer			11

Tier 1 Review:					Tier 2 Review:			
Analyst/Date: VKS 3/22/11					Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <0.005 ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Cup dilution preparation documented?	✓							

Comments:

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 10:08 Tuesday 22nd March 2011
Tray Number: 1
Tray Name: NO2_110322A

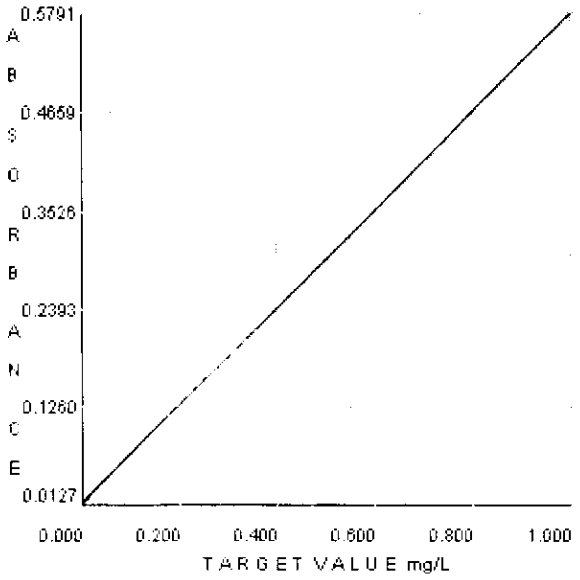
Nitrite 1.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0127	-0.0020	0.0000	
S90	0.0194	0.0097	0.0125	-22.1526
S91	0.0414	0.0487	0.0500	-2.6262
S92	0.0713	0.1017	0.1000	1.6543
S93	0.1580	0.2549	0.2500	1.9588
S94	0.2986	0.5037	0.5000	0.7458
S95	0.4355	0.7459	0.7500	-0.5525
S96	0.5791	1.0000	1.0000	-0.0046
S0	0.0137	-0.0004	0.0000	

Polynomial Order: 1
Correlation Coefficient: 1.0000
Carryover: 0.2
Date & Time: Thu Mar 17 10:13:40 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	-0.0030	mg/L			VAS	Tue Mar 22 09:27:17 2011
4	ICV	ICV	0.5296	mg/L			VAS	Tue Mar 22 09:28:11 2011
5	MB	MB	-0.0018	mg/L			VAS	Tue Mar 22 09:29:04 2011
6	LCS	LCS	0.5377	mg/L			VAS	Tue Mar 22 09:29:58 2011
7	U1	LOW	0.0502	mg/L			VAS	Tue Mar 22 09:30:51 2011
8	U2	HI	0.9930	mg/L			VAS	Tue Mar 22 09:31:45 2011
9	U3	11C1255-32	-0.0008	mg/L			VAS	Tue Mar 22 09:32:38 2011
10	DUP	DUP	0.0052	mg/L			VAS	Tue Mar 22 09:33:31 2011
11	SPK	SPK	0.2414	mg/L			VAS	Tue Mar 22 09:34:25 2011
12	U4	11C1255-31	-0.0009	mg/L			VAS	Tue Mar 22 09:35:18 2011
	CCV	C C V	0.5075	mg/L			VAS	Tue Mar 22 09:36:12 2011
	CCB	C C B	-0.0030	mg/L			VAS	Tue Mar 22 09:37:05 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113104 **Matrix:** Water **Department:** Metals

PREPARATION BENCH SHEET

1113104

Sequence: MIC2402

Prepared: 03/23/2011 08:01
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Calibration:

Printed: 3/23/2011 3:34:55PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1113104-BLK1		20	20				
1113104-BS1		20	20	MC10214		400	
1113104-DUP1		20	20		11C1245-01		
1113104-MS1		20	20	MC10214	11C1245-01	400	
1113104-MSD1		20	20	MC10214	11C1245-01	400	
11C1114-01	03/28/2011 15:00	20	20				
Aqua Virginia			Kinsale				
Hg_Total							
11C1117-01	03/28/2011 15:00	2	20				
Richmond, City of WWTP			Cumberland/Powhatan Septic				
Hg_Total							
11C1243-01	03/24/2011 16:00	20	20				
Public Health Command			21380001 0000478K				
Hg_Total							
11C1244-01	03/24/2011 16:00	20	20				
Public Health Command			21570001 000047T7				
Hg_Total							
11C1245-01	03/24/2011 16:00	20	20				
Public Health Command			21390001 0000O7Y				
Hg_Total							
11C1246-01	03/23/2011 16:00	20	20				
Public Health Command			21360001 0000487G				0.3375
Hg_Total							
11C1255-31	04/04/2011 15:00	20	20				2.077
Severstal Sparrows Point			GL-12D				
Hg_Total							
11C1255-32	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-12S				
Hg_Total							

PREPARATION BENCH SHEET

1113104

Sequence: MIC1402

Prepared: 03/23/2011 08:01
Prepared by: EDP

Microbac Laboratories, Inc., Baltimore Division

Calibration:

Matrix: Water

Prepared using: Metals - Metals_Hg_Prep

Printed: 3/23/2011 3:34:55PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
11C1335-01	03/30/2011 15:00	2	20				
Richmond, City of WWTP			Atlas/Manchester				
Hg_Total							
11C1345-01	03/28/2011 15:00	20	20				
Public Health Command			21760001 00004866				
Hg_Total							
11C1407-01	03/24/2011 17:00	0.4	20				
Curtis Bay Energy			Green Tank #1				
Hg_Total							
11C1408-01	03/24/2011 17:00	0.4	20				
Curtis Bay Energy			Green Tank #2				
Hg_Total							

PREPARATION BENCH SHEET

1113104

Sequence: MIC2402

Prepared: 03/23/2011 13:28
Prepared by: EDP

Microbac Laboratories, Inc., Baltimore Division

Calibration:

Matrix: Water

Prepared using: Metals - Metals_Hg_Prep

Printed: 3/23/2011 3:34:55PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?			✓	
LCV recoveries acceptable?			✓	
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓			

EWL holdtimes

AS 3/24/11
Analyst Date

BJ 3/24/11
Reviewed By Date

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113110 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/23/2011 09:46 1113110

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113110-BLK1	Blank	1	1		|	
1113110-BS1	LCS	1	1		1 |	
1113110-DUP1	Duplicate [11C1243-01]	1	1		|	
1113110-DUP2	Duplicate [11C1345-01]	1	1		|	
11C1243-01	21380001 0000478K	1	1	03/24/20		
11C1244-01	21570001 000047T7	1	1	03/24/20		
11C1245-01	21390001 0000O7Y	1	1	03/24/20		
11C1246-01	21360001 0000487G	1	1	03/23/20		
11C1255-31	GL-12D	1	1	04/04/20		
11C1255-32	GL-12S	1	1	04/04/20		
11C1255-33	GL-10S	1	1	04/04/20		
11C1255-34	GL-10D	1	1	04/04/20		
11C1255-35	GL-14D	1	1	04/04/20		
11C1255-36	GL-14S	1	1	04/04/20		
11C1255-37	GL-13S	1	1	04/04/20		
11C1255-38	GL-13D	1	1	04/04/20		
11C1345-01	21760001 00004866	1	1	03/28/20		

Standard(s):
ML00205 Turbidity Std 10.0 1uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/23/2011 09:46 1113110

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?			✓	
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				Field hold times
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?			✓	

Analyst 3/23/11 Date

Reviewed By 3/23/11 Date

Turbidity
EPA 180.1

1113110

Control #: 434
Effective Date: 10/04/2010
Page: 1 of 2

Date: 3/23/11 Time: 1000 Analyst: BMC

40 NTU Standard	Chemical #:	MF02819	Expiration Date: 6/30/11
10 NTU Calibration Standard	Chemical #:	ML00205	Expiration Date: 11/30/11
1.0 NTU Standard	Chemical #:	ML00206	Expiration Date: 11/1/11
0.2 NTU Standard	Chemical #:	MF02818	Expiration Date: 6/30/11
1000 NTU Standard	Chemical #:	MG00913	Expiration Date: 7/31/11

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00		
10 Cal. Check (ICV)	10.21		
40 NTU	39.9		
1 NTU	1.04		
0.2 NTU	0.19		
1000 NTU	660		
11C1243-01	0.03		
Dup	0.03		
11C1244-01	0.17		
11C1245-01	10.21		
11C1246-01	0.30		
11C1255-31 BMC 3/23/11	168.6		
-32	2.89		
-33	14.64		
-34	33.1		
-35	142.9		
-36	5.960		
CCB	0.00		
CCV (10 NTU)	10.20		
1345-01	26.2		
DUP	26.1		
11C1255-37	3.35		
-38	106.0		
CCB	0.01		
CCV (10 NTU)	10.28		

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Turbidity
EPA 180.1

	1st Tier				2nd Tier			
Initials/Date: OMC 3/23/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was standard verified and documented?	✓							
Was method blank ≤ 0.05 NTU?	✓							
If no, was blank reanalyzed with fresh sample?			✓					
Were all samples analyzed within holding time (48 hours)?	✓	✓						
If no, were results footnoted in notebook and LIMS?	✓							
Are all Chemical and solution # documented?	✓							
Were all standards within expiration date?	✓							
Was 10 NTU Calibration Check recovery within 95-105%	✓							
If not, was instrument recalibrated?			✓					
Was 40 NTU LCS within acceptance limits?	✓							
Was 1.0 NTU LCS within acceptance limits?	✓							
Was low check within acceptance limits?	✓							
Was a duplicate performed every 10 samples?	✓							
Was RPD within acceptance limits?	✓							
Was a CCB and CCV analyzed after every 10 samples?	✓							
Was a CCB and CCV analyzed after the last sample?	✓							
Were all CCBs and CCVs acceptable?	✓							
Was all QC data charted?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments/ Tier 1: _____

_____

_____

_____

Comments/ Tier 2: _____

_____

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113137 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/23/2011 12:05 1113137

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113137-BLK1	Blank	1	1		|	
1113137-BS1	LCS	1	1		1000 |	
11C1255-33	GL-10S	1	1	03/30/20		
11C1255-34	GL-10D	1	1	03/30/20		
11C1255-35	GL-14D	1	1	03/30/20		
11C1255-36	GL-14S	1	1	03/30/20		
11C1255-37	GL-13S	1	1	03/30/20		
11C1255-38	GL-13D	1	1	03/30/20		

Standard(s):
MC10805 NO2, LCS/CCV, 0.5ppm 1000uL or ug

Reagent ID#	Description	Lot Number

SEAL: Nitrite
EPA 353.2

#111307-A
#111307-B

Date/time Started: 3/23/11 @730 Analyst VAS

Reagent/Standard	Chemical #	Expiration Date	Reagent Position
Calibration Std (1mg-N/L)	MC10803	4/8/11	
Matrix Spike (5mg-N/L)	MC10804	4/8/11	
ICV/CCV/LCS (0.5mg-N/L)	MC10805	4/8/11	9
CCB (DI Water)			1
Low Check Std (0.05mg-N/L)	MC10806	4/8/11	
Sulfanilamide Color Reagent	see attachment		10
Ammonium Chloride Buffer			11

Tier 1 Review:					Tier 2 Review:			
Analyst/Date: VAS 3/23/11					Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <0.005 ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Cup dilution preparation documented?	✓							

Comments:

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 08:57 Wednesday 23rd March 2011
Tray Number: 2
Tray Name: NO2_110323A

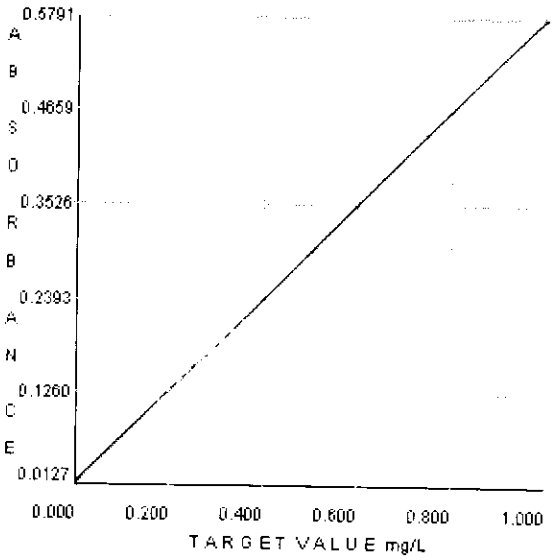
Nitrite 1.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0127	-0.0020	0.0000	
S90	0.0194	0.0097	0.0125	-22.1526
S91	0.0414	0.0487	0.0500	-2.6262
S92	0.0713	0.1017	0.1000	1.6543
S93	0.1580	0.2549	0.2500	1.9588
S94	0.2986	0.5037	0.5000	0.7458
S95	0.4355	0.7459	0.7500	-0.5525
S96	0.5791	1.0000	1.0000	-0.0046
S0	0.0137	-0.0004	0.0000	

Polynomial Order: 1
Correlation Coefficient: 1.0000
Carryover: 0.2
Date & Time: Thu Mar 17 10:13:40 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	0.0011	mg/L			VAS	Wed Mar 23 08:29:23 2011
4	ICV	ICV	0.5345	mg/L			VAS	Wed Mar 23 08:30:16 2011
5	MB	MB	0.0013	mg/L			VAS	Wed Mar 23 08:31:09 2011
6	LCS	LCS	0.5414	mg/L			VAS	Wed Mar 23 08:32:03 2011
7	U1	LOW	0.0520	mg/L			VAS	Wed Mar 23 08:32:56 2011
8	U2	HI	1.0351	mg/L	x10.0000		VAS	Wed Mar 23 08:54:27 2011
9	U3	11C1332-1	0.3813	mg/L			VAS	Wed Mar 23 08:34:43 2011
10	DUP	DUP	0.3895	mg/L			VAS	Wed Mar 23 08:35:37 2011
11	SPK	SPK	0.6207	mg/L			VAS	Wed Mar 23 08:36:30 2011
	CCV	C C V	0.5126	mg/L			VAS	Wed Mar 23 08:37:24 2011
	CCB	C C B	0.0006	mg/L			VAS	Wed Mar 23 08:38:17 2011
	CCB	CONTROL 12	0.0001	mg/L				Wed Mar 23 08:52:40 2011
	CCV	CONTROL 11	0.5119	mg/L				Wed Mar 23 08:53:34 2011
	CCB	CONTROL 12	-0.0019	mg/L				Wed Mar 23 08:55:21 2011
	CCV	CONTROL 11	0.5022	mg/L				Wed Mar 23 08:56:14 2011

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 12:42 Wednesday 23rd March 2011
Tray Number: 1
Tray Name: NO2_110323B

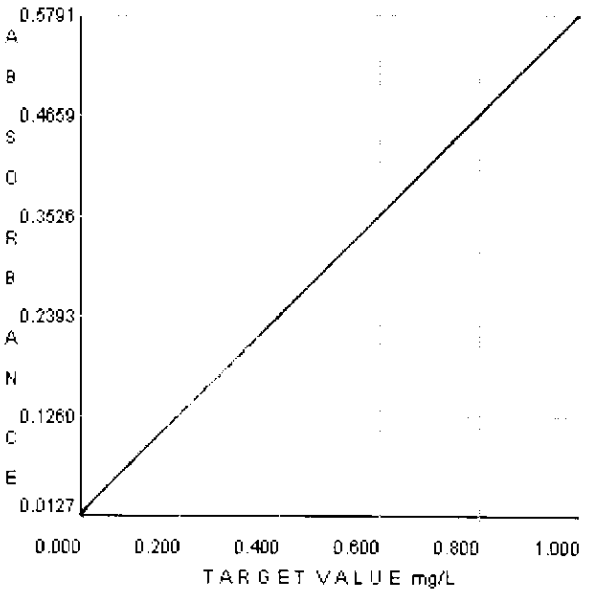
Nitrite 1.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0127	-0.0020	0.0000	
S90	0.0194	0.0097	0.0125	-22.1526
S91	0.0414	0.0487	0.0500	-2.6262
S92	0.0713	0.1017	0.1000	1.6543
S93	0.1580	0.2549	0.2500	1.9588
S94	0.2986	0.5037	0.5000	0.7458
S95	0.4355	0.7459	0.7500	-0.5525
S96	0.5791	1.0000	1.0000	-0.0046
S0	0.0137	-0.0004	0.0000	

Polynomial Order: 1
Correlation Coefficient: 1.0000
Carryover: 0.2
Date & Time: Thu Mar 17 10:13:40 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	MB	MB	-0.0023	mg/L			VAS	Wed Mar 23 12:05:46 2011
4	LCS	LCS	0.5187	mg/L			VAS	Wed Mar 23 12:38:56 2011
5	U1	11C1255-33	-0.0022ELL	mg/L			VAS	Wed Mar 23 12:07:33 2011
6	U2	11C1255-34	-0.0027ELL	mg/L			VAS	Wed Mar 23 12:08:26 2011
7	U3	11C1255-35	-0.0009	mg/L			VAS	Wed Mar 23 12:09:20 2011
8	U4	11C1255-36	-0.0033ELL	mg/L			VAS	Wed Mar 23 12:10:13 2011
9	U5	11C1255-37	-0.0004	mg/L			VAS	Wed Mar 23 12:11:07 2011
10	U6	11C1255-38	-0.0040ELL	mg/L			VAS	Wed Mar 23 12:12:00 2011
	CCV	C C V	0.5039	mg/L			VAS	Wed Mar 23 12:12:54 2011
	CCB	C C B	-0.0030	mg/L			VAS	Wed Mar 23 12:13:47 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113142 **Matrix:** Water **Department:** WetChem

Sequence:

Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/23/2011 09:49 1113142

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113142-BLK1	Blank	1	1		|	
1113142-BS1	LCS	1	1		2.5 |	
1113142-DUP1	Duplicate [11C1345-01]	1	1		|	
1113142-DUP2	Duplicate [11C1332-01]	1	1		|	
1113142-MS1	Matrix Spike [11C1345-01]	1	1		20 |	
1113142-MS2	Matrix Spike [11C1332-01]	1	1		20 |	
11C0732-01	MP 112 RO Permeate	1	1	03/29/20		
11C0733-01	WWTP 801 Effluent	1	1	03/29/20		
11C1255-31	GL-12D	1	1	03/30/20		
11C1255-32	GL-12S	1	1	03/30/20		
11C1271-02	002 3/20	1	1	03/24/20		
11C1280-01	IWWTP - MP101	1	1	03/30/20		
11C1280-02	MP 801 FGD WWT Effluent	1	1	03/30/20		
11C1332-01	001	1	1	03/28/20		
11C1345-01	21760001 00004866	1	1	03/28/20		
11C1366-01	089-031611-FGD-WW-WKLY	1	1	03/24/20		48 hour turn around on our total nitrogen samples
11C1366-02	089-031611-FGD-WW-02	1	1	03/24/20		48 hour turn around on our total nitrogen samples
11C1367-01	001 composite - Influent	1	1	03/31/20		
11C1367-04	001 composite - Clarifier	1	1	03/31/20		
11C1367-06	001 composite - Effluent	1	1	03/31/20		

Standard(s):

MC10837	NO3 Matrix Spike, 100ppm	20uL or ug
MC10843	NO3 LCS /ICV/CCV, 2.5ppm	2.5uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/23/2011 09:49 1113142

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?		✓		M3
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By 3/23/11 Date

SEAL: Nitrate
EPA 353.2

#- 1113142

Date: 3/23/11 Analyst: VAS

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5mg/L)	MC 10836	4/8/11
Matrix Spike Std (100mg/L)	MC10837	4/8/11
NO_2 Std (1mg/L)	MC 10843	4/8/11
ICV/CCV (2.5mg/L)	MC10841	4/8/11
CCB (DI Water)		
LCS (2.5mg-N/L)	MC10841	4/8/11
Low Check (0.1mg-N/L)	MC 10838	4/8/11
Sulfanilamide Color Reagent	see attachment	
Ammonium Chloride Buffer		
Copper Sulfate Reagent		
Conc. HCl (if applicable)		

Cadmium Column Regenerated Before Run ☒

	1st Tier Review				2nd Tier Review			
Initials/Date:	VAS 3/23/11				Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Calibration Curve:								
Was the correlation coefficient ≥0.995?	✓							
Was the ICV acceptable?	✓							
Was the method blank ≤ 0.025ppm?	✓							
Was the column efficiency between 90-110%? (see calculation below)	✓							
Was the Low check standard acceptable?	✓							
Was the LCS recovery acceptable?	✓							
Was the LCS and standards preserved?	✓							
Are any reagents or standards expired?		✓						
Are all standard and reagent solution #s documented?	✓							
Sample Analysis:								
Was preservation of all samples checked?	✓							
Were all preserved samples analyzed within 28 days?	✓							
Were all unpreserved samples analyzed within 48 hours?			✓					
Were duplicates performed every 10 samples?	✓							
Were RPDs within acceptance limits?	✓							
Were matrix spikes performed every 10 samples?	✓							
Were spike recoveries within acceptance limits?	✓							
CCVs run every 10 samples?	✓							
Were all CCVs acceptable? comment if recalibrated.	✓							
If CCV failed were samples up to the last acceptable CCVreanalyzed?	✓							
Was a check standard analyzed after the last sample in batch?	✓							
Were dilutions entered correctly?	✓							
Are all LIMS sample numbers documented?	✓							
Was data and detection limits accurately entered in the LIMS?	✓							

Column Efficiency (reduction efficiency): $\frac{NO_3abs - Blankabs}{NO_2abs - Blankabs} \times 100$ = 97.7%

Comments:

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 11:45 Wednesday 23rd March 2011
Tray Number: 1
Tray Name: NO3_110323A

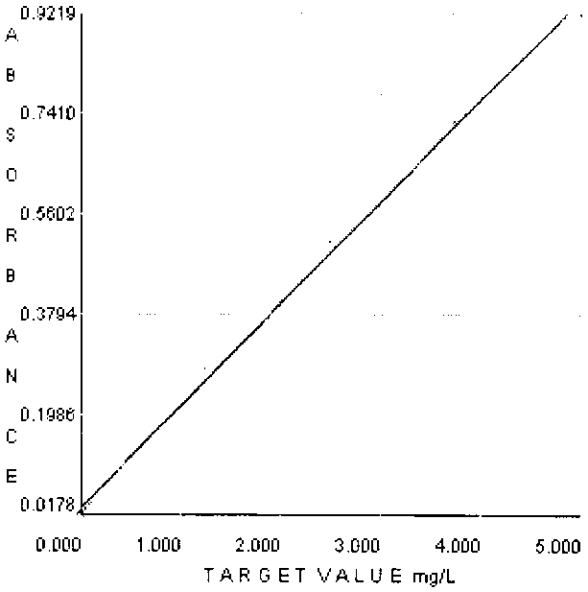
Nitrate 5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0178	-0.0552	0.0000	
S90	0.9219	4.8783	5.0000	-2.4336
S91	0.7243	3.8004	3.7500	1.3427
S92	0.5065	2.6117	2.5000	4.4682
S93	0.2790	1.3703	1.2500	9.6225
S94	0.1199	0.5020	0.5000	0.4028
S95	0.0704	0.2320	0.2500	-7.2117
S96	0.0388	0.0592	0.1000	-40.8327
S97	0.0282	0.0014	0.0500	-97.2554
S0	0.0164	-0.0631	0.0000	

Polynomial Order: 1
Correlation Coefficient: 0.9991
Carryover: -14.0
Date & Time: Mon Mar 21 12:04:04 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	-0.0902	mg/L			VAS	Wed Mar 23 09:49:56 2011
4	ICV	ICV	2.5649	mg/L			VAS	Wed Mar 23 09:52:16 2011
5	MB	MB	-0.0746	mg/L			VAS	Wed Mar 23 09:54:34 2011
6	U1	NO2	2.5320	mg/L			VAS	Wed Mar 23 09:56:52 2011
7	LCS	LCS	2.4739	mg/L			VAS	Wed Mar 23 09:59:08 2011
8	U2	LOW	0.0520	mg/L			VAS	Wed Mar 23 10:01:24 2011
9	U3	HI	5.3514	mg/L	x10.0000		VAS	Wed Mar 23 11:06:08 2011
10	U4	11C1345-1	0.2489	mg/L			VAS	Wed Mar 23 10:05:55 2011
11	DUP	DUP	0.2212	mg/L			VAS	Wed Mar 23 10:08:11 2011
12	SPK	SPK	2.4748	mg/L			VAS	Wed Mar 23 10:10:26 2011
	CCV	C C V	2.5872	mg/L			VAS	Wed Mar 23 10:12:42 2011

	CCB	C C B	-0.0857	mg/L	VAS	Wed Mar 23 10:14:57 2011
13	U5	11C1271-2	-0.0768ELL	mg/L	VAS	Wed Mar 23 10:17:12 2011
14	U6	11C1366-1	0.5274	mg/L	VAS	Wed Mar 23 10:19:26 2011
15	U7	11C1366-2	-0.0807ELL	mg/L	VAS	Wed Mar 23 10:21:41 2011
16	U8	11C0732-1	-0.1044ELL	mg/L	VAS	Wed Mar 23 10:24:00 2011
17	U9	11C0733-1	-0.0963ELL	mg/L	VAS	Wed Mar 23 10:26:17 2011
18	U10	11C1255-31	-0.0979ELL	mg/L	VAS	Wed Mar 23 10:28:36 2011
19	U11	11C1255-32	-0.0972ELL	mg/L	VAS	Wed Mar 23 10:30:51 2011
20	U12	11C1280-2	-0.0868ELL	mg/L	VAS	Wed Mar 23 10:33:06 2011
21	U13	11C1280-1	-0.0625ELL	mg/L	VAS	Wed Mar 23 10:35:20 2011
22	U14	11C1332-1	1.8534	mg/L	VAS	Wed Mar 23 10:37:38 2011
23	DUP	DUP	1.9323	mg/L	VAS	Wed Mar 23 10:39:56 2011
24	SPK	SPK	4.2653	mg/L	VAS	Wed Mar 23 10:40:57 2011
	CCV	C C V	2.5031	mg/L	VAS	Wed Mar 23 10:41:57 2011
	CCB	C C B	-0.0989	mg/L	VAS	Wed Mar 23 10:42:58 2011
25	U15	11C1367-1	-0.0996ELL	mg/L	VAS	Wed Mar 23 10:43:59 2011
26	U16	11C1367-4	-0.0081	mg/L	VAS	Wed Mar 23 10:44:59 2011
27	U17	11C1367-6	-0.1022ELL	mg/L	VAS	Wed Mar 23 10:46:00 2011
	CCV	C C V	2.6313	mg/L	VAS	Wed Mar 23 10:47:00 2011
	CCB	C C B	-0.0974	mg/L	VAS	Wed Mar 23 10:48:01 2011
	CCB	CONTROL 12	-0.0997	mg/L		Wed Mar 23 11:04:06 2011
	CCV	CONTROL 11	2.3735	mg/L		Wed Mar 23 11:05:07 2011
	CCB	CONTROL 12	-0.0991	mg/L		Wed Mar 23 11:07:08 2011
	CCV	CONTROL 11	2.7060	mg/L		Wed Mar 23 11:08:09 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113158 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/24/2011 08:00 1113158

Prepared by: LCR

Prepared using: WetChem - WetChem_TDS_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113158-BLK1	Blank	1	1		|	
1113158-BLK2	Blank	1	1		|	
1113158-BS1	LCS	1	1		1000 |	
1113158-BS2	LCS	1	1		1000 |	
1113158-DUP1	Duplicate [11C1345-01]	1	1		|	
1113158-DUP2	Duplicate [11C1353-01]	1	1		|	
11C1195-01	GWMR ARWA Well # 1	1	1	03/29/20		
11C1195-02	GWMR ARWA Well # 2	1	1	03/29/20		
11C1195-03	GWMR ARWA Well # 3	1	1	03/29/20		
11C1195-04	GWMR ARWA Well # 4	1	1	03/29/20		
11C1255-07	GL-09 (-2)	1	1	04/04/20		
11C1255-08	GL-09 (-20)	1	1	04/04/20		
11C1255-09	GL-11 (-33)	1	1	04/04/20		
11C1255-31	GL-12D	1	1	04/04/20		
11C1255-32	GL-12S	1	1	04/04/20		
11C1255-33	GL-10S	1	1	04/04/20		
11C1255-34	GL-10D	1	1	04/04/20		
11C1255-35	GL-14D	1	1	04/04/20		
11C1255-36	GL-14S	1	1	04/04/20		
11C1255-37	GL-13S	1	1	04/04/20		
11C1255-38	GL-13D	1	1	04/04/20		
11C1255-39	GL-11S	1	1	04/04/20		
11C1255-40	GL-08D	1	1	04/04/20		
11C1255-41	GL-08S	1	1	04/04/20		
11C1345-01	21760001 00004866	1	1	03/28/20		
11C1353-01	Manakin #9 EP005	1	1	03/31/20		

Standard(s):
MC12215 %SOLIDS/TDS LCS, 2% 1000uL or ug

Reagent ID# Description Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/24/2011 08:00 1113158

Prepared by: LCR

Prepared using: WetChem - WetChem_TDS_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?				
ICV recoveries acceptable?				
ICB concentrations < 1/2 MRL?				
HCV check recoveries acceptable?				
LCV recoveries acceptable?				
Analysis:				
Bracketing CCV recoveries acceptable?				
Bracketing CCB concentrations < 1/2 MRL?				
Method Blank concentrations < 1/2 MRL?				
LCS (BS) recoveries acceptable?				
Sample Duplicate RPDs acceptable?				
MS/MSD recoveries acceptable?				
MS/MSD RPDs acceptable?				

Analyst 3/25/11 Date

Reviewed By 3/28/11 Date

Total Dissolved Solids (TDS) by SM2540C

Analyst: LCR

Analyte: Total Dissolved Solids **Units:** mg/L

Batch ID: 1113158

Calculation: TDS (mg/L) = (Weight of Dry sample *1000000)/Volume of Sample (ml **Note:** Final weight is the lesser of the 2nd and 3rd weighing
Note: Where samples are dried >16 hours, the first weighing is used for all weight values to calculate final result

Volume

INST

Oven	Date/Time IN	Date/ Time OUT
Dry Cycle #1:	3/24/2011 8:00	3/25/2011 7:00
Dry Cycle #2:	3/25/2011 7:00	3/25/2011 9:00
Dry Cycle #3:	3/25/2011 10:00	3/25/2011 11:00

B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Beaker #	SampID	Client ID	SampType	Beaker Tare Weight (g)	Sample Volume (ml)	Initial Time of Filtration	Dry Beaker &Sample 1st Weighing (gms)	Dry Beaker &Sample 2nd Weighing (gms)	Dry Beaker & Sample 3rd Weighing (gms)	Dry Residue Weight OK >10 & <200 mg	Value mg/L TDS	Unadj. mg/L TDS	Dil Factor	Comments
1	1113158-BLK1	-	Blank	113.6841	100	3/24/2011 8:00	113.6843	113.6843		0.000205994	2.059936523	205.9936523	0.01	
2	1113158-BLK2	-	Blank	111.4515	100	3/24/2011 8:00	111.4518	111.4518		0.000297546	2.975463867	297.5463867	0.01	
3	1113158-BS1	-	LCS	114.1853	10	3/24/2011 8:00	114.3698	114.3698		0.184494019	18449.40234	184494.0156	0.100000001	
4	1113158-BS2	-	LCS	111.6703	10	3/24/2011 8:00	111.866	111.866		0.19559997	19559.99648	195593.9688	0.100000001	
5	1113158-DUP1	11C1345-01	Duplicate	113.5851	25	3/24/2011 8:01	113.6347	113.6347		0.049598694	1983.947754	49598.69531	0.039999999	4002
6	1113158-DUP2	11C1353-01	Duplicate	114.0298	100	3/24/2011 8:01	114.0551	114.0551		0.025299072	252.9907227	25299.07227	0.01	700
7	11C1195-01	GWMR_ARWA_Well # 1	Sample	112.0444	100	3/24/2011 8:01	112.0461	112.0461		0.001693726	16.93725586	1693.725586	0.01	87.1
8	11C1195-02	GWMR_ARWA_Well # 2	Sample	113.836	100	3/24/2011 8:01	113.8438	113.8438		0.004805519	48.05518555	4805.518555	0.01	187
9	11C1195-03	GWMR_ARWA_Well # 3	Sample	112.0921	100	3/24/2011 8:02	112.0934	112.0934		0.001296997	12.9699707	1296.99707	0.01	82
10	11C1195-04	GWMR_ARWA_Well # 4	Sample	113.9052	100	3/24/2011 8:02	113.9104	113.9104		0.005203247	52.0324707	5203.24707	0.01	89.6
11	11C1255-07	GL-09 PZP001	Sample	113.8987	50	3/24/2011 8:02	113.9636	113.9636		0.085105896	1702.11792	85105.89844	0.02	2650
12	11C1255-08	GL-09 PZM016	Sample	112.6413	50	3/24/2011 8:02	112.701	112.701		0.059700012	1194.000244	59700.01172	0.02	2750
13	11C1255-09	GL-11D	Sample	113.7848	100	3/24/2011 8:03	113.805	113.805		0.020202637	202.0263672	20202.63672	0.01	553
14	11C1255-31	GL-12D	Sample	113.7363	50	3/24/2011 8:03	113.7888	113.7888		0.032501221	650.0244141	32501.2207	0.02	2320
15	11C1255-32	GL-12S	Sample	112.1565	100	3/24/2011 8:03	112.199	112.199		0.042495728	424.9572754	42495.72656	0.01	1310
16	11C1255-33	GL-10S	Sample	113.7651	100	3/24/2011 8:03	113.792	113.792		0.026901245	269.0124512	26901.24609	0.01	660
17	11C1255-34	GL-10D	Sample	112.1662	25	3/24/2011 8:04	112.1694	112.1694		0.003204346	128.1738281	3204.345703	0.039999999	277
18	11C1255-35	GL-14D	Sample	112.6132	100	3/24/2011 8:04	112.6352	112.6352		0.022003174	220.0317383	22003.17383	0.01	550
19	11C1255-36	GL-14S	Sample	114.0125	100	3/24/2011 8:04	114.0189	114.0189		0.006401062	64.01062012	6401.062012	0.01	298
20	11C1255-37	GL-13S	Sample	114.067	100	3/24/2011 8:04	114.1189	114.1189		0.051895142	518.951416	51895.14453	0.01	1590
21	11C1255-38	GL-13D	Sample	113.7708	25	3/24/2011 8:05	113.8361	113.8361		0.065299988	2611.999512	65299.98828	0.039999999	4760
22	11C1255-39	GL-11S	Sample	113.1538	100	3/24/2011 8:05	113.1909	113.1909		0.037101746	371.0174561	37101.74609	0.01	790
23	11C1255-40	GL-08D	Sample	112.3679	25	3/24/2011 8:05	112.4291	112.4291		0.061203003	2448.120117	61203.00391	0.039999999	4760
24	11C1255-41	GL-08S	Sample	113.971	50	3/24/2011 8:05	114.0328	114.0328		0.061798096	1235.961914	61796.09766	0.02	2230
25	11C1345-01	21780001 00004866	Sample	113.7241	25	3/24/2011 8:06	113.7754	113.7754		0.051300049	2052.001953	51300.05078	0.039999999	4002
26	11C1353-01	Manakin #9 EP005	Sample	112.3426	100	3/24/2011 8:06	112.367	112.367		0.024398804	243.9880371	24398.80469	0.01	700
	reweigh						112.367	112.367						

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113159 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/24/2011 07:37 1113159

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep N.2 2

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113159-BLK1	Blank	1	1		|	
1113159-BS1	LCS	1	1		1000 |	
1113159-DUP1	Duplicate [11C1255-39]	1	1		|	
1113159-MS1	Matrix Spike [11C1255-39]	1	1		50 |	
11C1255-07	GL-09 PZP001	1	1	03/30/20		
11C1255-08	GL-09 PZM016	1	1	03/30/20		
11C1255-09	GL-11D	1	1	03/30/20		
11C1255-39	GL-11S	1	1	03/30/20		
11C1255-40	GL-08D	1	1	03/30/20		
11C1255-41	GL-08S	1	1	03/30/20		

Standard(s):

MC10804	NO2 Matrix Spike, 5ppm	50uL or ug
MC10805	NO2, LCS/CCV, 0.5ppm	1000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/24/2011 07:37 1113159

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By 3/24/11 Date

SEAL: Nitrite #1113159

EPA 353.2

Control #: 50-467
Effective Date: 8/19/2010
Page: 1 of 1

Date/time Started: 3/24/11 Analyst VAS

Reagent/Standard	Chemical #	Expiration Date	Reagent Position
Calibration Std (1mg-N/L)	MC 1038 3	4/8/11	
Matrix Spike (5mg-N/L)	MC 1054 4	4/8/11	
ICV/CCV/LCS (0.5mg-N/L)	MC 1042	4/8/11	9
CCB (DI Water)			1
Low Check Std (0.05mg-N/L)	MC 1051	4/8/11	
Sulfanilamide Color Reagent	See Attachment		10
Ammonium Chloride Buffer			11

Tier 1 Review: Analyst/Date: VAS 3/24/11					Tier 2 Review: Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <0.005 ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Cup dilution preparation documented?	✓							

Comments:

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 08:17 Thursday 24th March 2011
Tray Number: 1
Tray Name: NO2_110324A

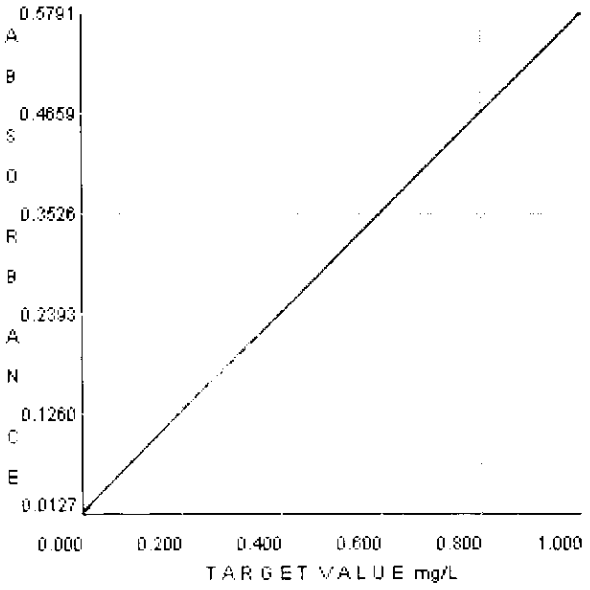
Nitrite 1.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0127	-0.0020	0.0000	
S90	0.0194	0.0097	0.0125	-22.1526
S91	0.0414	0.0487	0.0500	-2.6262
S92	0.0713	0.1017	0.1000	1.6543
S93	0.1580	0.2549	0.2500	1.9588
S94	0.2986	0.5037	0.5000	0.7458
S95	0.4355	0.7459	0.7500	-0.5525
S96	0.5791	1.0000	1.0000	-0.0046
S0	0.0137	-0.0004	0.0000	

Polynomial Order: 1
Correlation Coefficient: 1.0000
Carryover: 0.2
Date & Time: Thu Mar 17 10:13:40 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	-0.0024	mg/L			VAS	Thu Mar 24 07:37:13 2011
4	ICV	ICV	0.5293	mg/L			VAS	Thu Mar 24 07:38:32 2011
5	MB	MB	-0.0013	mg/L			VAS	Thu Mar 24 07:39:53 2011
6	LCS	LCS	0.5344	mg/L			VAS	Thu Mar 24 07:41:15 2011
7	U1	LOW	0.0506	mg/L			VAS	Thu Mar 24 07:42:13 2011
8	U2	HI	0.9918	mg/L			VAS	Thu Mar 24 07:43:15 2011
9	U3	11C1255-39	-0.0002	mg/L			VAS	Thu Mar 24 07:44:09 2011
10	DUP	DUP	0.0027	mg/L			VAS	Thu Mar 24 07:45:02 2011
11	SPK	SPK	0.2325	mg/L			VAS	Thu Mar 24 07:45:56 2011
12	U4	11C1255-40	-0.0012	mg/L			VAS	Thu Mar 24 07:46:49 2011
	CCV	C C V	0.5117	mg/L			VAS	Thu Mar 24 07:47:43 2011

	CCB	C C B	-0.0006	mg/L	VAS	Thu Mar 24 07:48:36 2011
13	U5	11C1255-41	0.0003	mg/L	VAS	Thu Mar 24 07:49:30 2011
14	U6	11C1255-7	0.0035	mg/L	VAS	Thu Mar 24 07:50:23 2011
15	U7	11C1255-8	-0.0020	mg/L	VAS	Thu Mar 24 07:51:17 2011
16	U8	11C1255-9	0.0108	mg/L	VAS	Thu Mar 24 07:52:10 2011
	CCV	C C V	0.5059	mg/L	VAS	Thu Mar 24 07:53:03 2011
	CCB	C C B	-0.0023	mg/L	VAS	Thu Mar 24 07:53:57 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113160 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/23/2011 15:46 1113160

Prepared by: VAS

add to earlier run

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113160-BLK1	Blank	1	1		|	
1113160-BS1	LCS	1	1		2.5 |	
11C1255-33	GL-10S	1	1	03/30/20		
11C1255-34	GL-10D	1	1	03/30/20		
11C1255-35	GL-14D	1	1	03/30/20		
11C1255-36	GL-14S	1	1	03/30/20		
11C1255-37	GL-13S	1	1	03/30/20		
11C1255-38	GL-13D	1	1	03/30/20		
11C1390-01	Peddicord Effluent	1	1	03/30/20		
11C1391-01	SERC Eff	1	1	03/30/20		
11C1410-01	Release # 110323	1	1	04/01/20		

Standard(s):
MC10843 NO3 LCS /ICV/CCV, 2.5ppm 2.5uL or ug

Reagent ID#	Description	Lot Number

Running reaction wells last night had to repeat somethings over this morning

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/23/2011 15:46 1113160

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			See prev Run
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			/	

Analyst Date

Reviewed By 3/24/11 Date

AQ2 Tray Report

#1113140

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 08:17 Thursday 24th March 2011
Tray Number: 2
Tray Name: NO3_110323B

(B)

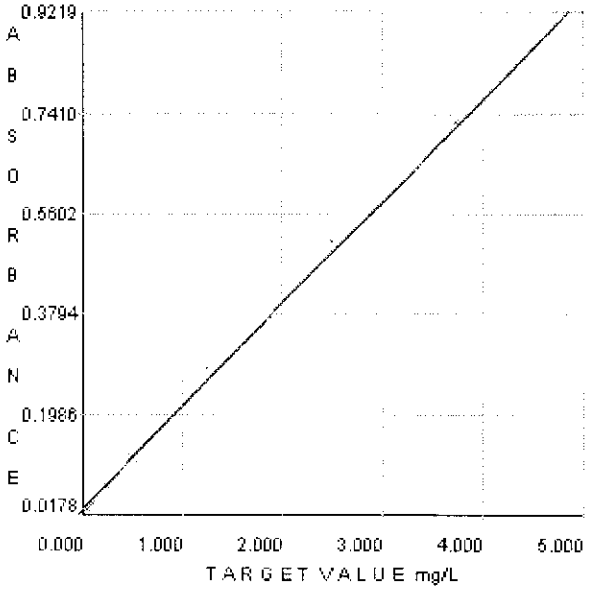
Nitrate 5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0178	-0.0552	0.0000	
S90	0.9219	4.8783	5.0000	-2.4336
S91	0.7243	3.8004	3.7500	1.3427
S92	0.5065	2.6117	2.5000	4.4682
S93	0.2790	1.3703	1.2500	9.6225
S94	0.1199	0.5020	0.5000	0.4028
S95	0.0704	0.2320	0.2500	-7.2117
S96	0.0388	0.0592	0.1000	-40.8327
S97	0.0282	0.0014	0.0500	-97.2554
S0	0.0164	-0.0631	0.0000	

Polynomial Order: 1
Correlation Coefficient: 0.9991
Carryover: -14.0
Date & Time: Mon Mar 21 12:04:04 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	MB	MB	-0.0677	mg/L			VAS	Wed Mar 23 15:46:21 2011
4	LCS	LCS	2.3793	mg/L			VAS	Thu Mar 24 07:11:05 2011
5	U1	11C1391-1	0.5094	mg/L			VAS	Wed Mar 23 15:50:53 2011
6	U2	11C1390-1	8.6304	mg/L	x10.0000		VAS	Wed Mar 23 16:26:13 2011
7	U3	11C1255-33	-0.0897ELL	mg/L			VAS	Wed Mar 23 15:55:26 2011
8	U4	11C1255-34	-0.0278AVF	mg/L			VAS	Thu Mar 24 07:12:06 2011
9	U5	11C1255-35	-0.1013ELL	mg/L			VAS	Wed Mar 23 16:00:02 2011
10	U6	11C1255-36	-0.1044ELL	mg/L			VAS	Wed Mar 23 16:01:03 2011
11	U7	11C1255-37	-0.0958ELL	mg/L			VAS	Wed Mar 23 16:02:03 2011
12	U8	11C1410-1	934.3620ALT	mg/L		x200.0000	VAS	Wed Mar 23 16:03:03 2011
	CCV	C C V	2.7193	mg/L			VAS	Wed Mar 23 16:04:04 2011

	CCB	C C B	-0.1044	mg/L	VAS	Wed Mar 23 16:05:04 2011
13	U9	11C1255-38	-0.0974ELL	mg/L	VAS	Wed Mar 23 16:06:05 2011
	CCV	C C V	2.6878	mg/L	VAS	Wed Mar 23 16:07:05 2011
	CCB	C C B	-0.1082	mg/L	VAS	Wed Mar 23 16:08:06 2011
	CCB	CONTROL 12	-0.1022	mg/L		Thu Mar 24 07:13:06 2011
	CCV	CONTROL 11	2.6992	mg/L		Thu Mar 24 07:14:07 2011
	CCB	CONTROL 12	-0.1025	mg/L		Thu Mar 24 07:15:08 2011
	CCV	CONTROL 11	2.6635	mg/L		Thu Mar 24 07:16:08 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113173 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/24/2011 11:06 1113173

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113173-BLK1	Blank	1	1		|	
1113173-BS1	LCS	1	1		1 |	
1113173-DUP1	Duplicate [11C1173-01]	1	1		|	
1113173-DUP2	Duplicate [11C1255-40]	1	1		|	
11C1173-01	Site 1 - Bldg 2	1	1	03/31/20		
11C1173-02	Site 2 - ASBBC	1	1	03/31/20		
11C1173-03	Site 3 - BEQ	1	1	03/31/20		
11C1173-04	Site 4 - Bldg 27	1	1	03/31/20		
11C1255-07	GL-09 PZP001	1	1	04/04/20		
11C1255-08	GL-09 PZM016	1	1	04/04/20		
11C1255-09	GL-11D	1	1	04/04/20		
11C1255-39	GL-11S	1	1	04/04/20		
11C1255-40	GL-08D	1	1	04/04/20		
11C1255-41	GL-08S	1	1	04/04/20		
11C1445-01	#1 Site S-3	1	1	03/28/20		NEED ASAP, LET PM KNOW WHEN REVIEWED
11C1446-01	#2 Site S-4	1	1	03/28/20		NEED ASAP, LET PM KNOW WHEN REVIEWED

Standard(s):
ML00205 Turbidity Std 10.0 1uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/24/2011 11:06 1113173

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?			✓	
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				change to R3
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓	✓		R1 Qualifier added in Element to DEP1
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?			✓	

Bernadette Summers 3/24/11
Analyst Date

BJ 3/24/11
Reviewed By Date

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010

Date: 3/24/11 Time: 1130 Analyst: BMC

40 NTU Standard	Chemical #:	MF02819	Expiration Date: 6/30/11
10 NTU Calibration Standard	Chemical #:	ML00205	Expiration Date: 11/30/11
1.0 NTU Standard	Chemical #:	ML00206	Expiration Date: 11/1/11
0.2 NTU Standard	Chemical #:	MF02818	Expiration Date: 6/30/11
1000 NTU Standard	Chemical #:	MG00913	Expiration Date: 7/31/11

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00		
10 Cal. Check (ICV)	10.27		
40 NTU	39.8		
1 NTU	1.05		
0.2 NTU	0.20		
1000 NTU	689		
11C1173-01	0.20		
Dup	0.19		
11C73-02	0.03		
-03	0.08		
-04	0.17		
11C1255-07	38.4		
-08	125.1		
-09	19.9		
-39	13.87		
-41	1.81		
11C1445-01	6.23		
CCB	0.00		
CCV (10 NTU)	10.15		
11C1255-40	198.5		
DUP	198.2		
11C1446-01	0.56		
CCB	0.00		
CCV (10 NTU)	10.02		

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Turbidity
EPA 180.1

	1st Tier				2nd Tier			
Initials/Date: BMC 3/24/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was standard verified and documented?	✓							
Was method blank ≤ 0.05 NTU?	✓							
If no, was blank reanalyzed with fresh sample?			✓					
Were all samples analyzed within holding time (48 hours)?	✓							
If no, were results footnoted in notebook and LIMS?			✓					
Are all Chemical and solution # documented?	✓							
Were all standards within expiration date?	✓							
Was 10 NTU Calibration Check recovery within 95-105%	✓							
If not, was instrument recalibrated?			✓					
Was 40 NTU LCS within acceptance limits?	✓							
Was 1.0 NTU LCS within acceptance limits?	✓							
Was low check within acceptance limits?	✓							
Was a duplicate performed every 10 samples?	✓							
Was RPD within acceptance limits?	✓	✓		2 DUPs req'd				
Was a CCB and CCV analyzed after every 10 samples?	✓							
Was a CCB and CCV analyzed after the last sample?	✓							
Were all CCBs and CCVs acceptable?	✓							
Was all QC data charted?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments/ Tier 1: DUP1 qualified @ R1

Comments/ Tier 2:

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113180 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/24/2011 10:15 1113180, 3068

Prepared by: VAS

Prepared using: WetChem - NH3_Prep

Matrix: Water multiple batch

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113180-BLK1	Blank	100	100		|	
1113180-BS1	LCS	100	100		200 |	
1113180-DUP1	Duplicate [11C1333-01]	100	100		|	
1113180-DUP2	Duplicate [11C1371-01]	100	100		|	
1113180-MS1	Matrix Spike [11C1333-01]	100	100		200 |	
1113180-MS2	Matrix Spike [11C1371-01]	100	100		200 |	
11C1255-07	GL-09 PZP001	100	100	04/04/20		
11C1255-08	GL-09 PZM016	100	100	04/04/20		
11C1255-09	GL-11D	100	100	04/04/20		
11C1255-33	GL-10S	100	100	04/04/20		
11C1255-34	GL-10D	100	100	04/04/20		
11C1255-35	GL-14D	100	100	04/04/20		
11C1255-36	GL-14S	100	100	04/04/20		
11C1255-37	GL-13S	100	100	04/04/20		
11C1255-38	GL-13D	100	100	04/04/20		
11C1255-39	GL-11S	100	100	04/04/20		
11C1255-40	GL-08D	100	100	04/04/20		
11C1255-41	GL-08S	100	100	04/04/20		
11C1333-01	001 Outfall	100	100	04/01/20		
11C1371-01	001 Outfall	100	100	04/04/20		
11C1376-01	Outfall 006	100	100	03/31/20		
11C1410-01	Release # 110323	100	100	04/01/20		

Standard(s):

MB12218	NH3 Standard 1000ppm (LCS)	200uL or ug
MF80902	NH3 Standard 1000ppm (SPK)	200uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/24/2011 10:15 1113180

Prepared by: VAS

Prepared using: WetChem - NH3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By: 3/28/11 Date

SEAL: Ammonia and TKN Analysis

SM4500 NH_3-G

Date/time Started: 3/24/11 Analyst VK

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5.0mg/L)	MC11708	4/14/11
ICV/CCV (2.0mg/L)	MC11709	
CCB (0.036N H_2SO_4)		
Low Check Std (0.2mg/L)	MC11710	4/14/11
High Check Std (5.0mg/L)	MC11708	4/6/11
EDTA Buffer	See attachment	
Sodium Phenate Reagent		
Sodium Hypochlorite		
Sodium Nitroprusside Reagent		

Tier 1 Review: Analyst/Date: VK 3/29/11					Tier 2 Review: Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <1/2 PQL?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	-							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Was the ICV recovery 90-110%?	✓							
Were results entered into LIMS correctly?	✓							
Was digestion +/or distillation tier completed and attached to run?	✓							

Comments:

Notes:
1) SEAL AQ2 Discrete Analyzer.

SEAL: Ammonia Distillation

SM4500-NH_3 B

Analyst: VAS Date/Time Started: 3/24/11@1015 #1113180 Date/Time Completed: _____

Balance #: _____

	Chemical #	Expiration Date
1N NaOH	MB12213	
Borate Buffer	MC11725	
0.36N H_2SO_4	MC11703	
Thiosulfate		

Sample ID	Residual Chlorine (+/-)	Initial pH <2 (+/-)	A Sample Volume (ml or g)	pH After Buffer-9.5 (+/-)	B Distillation Volume (ml)	C Dilution Factor C=(B/A)	Comments
Blk	–	+	100	+	100		
LCS	–	+	100	+	100		
11C 1333-1	–	+	100	+	100		
dup	–	+	100	+	100		
MS	–	+	100	+	100		
1255-33	–	+	100	+	100		
1255-34	–	+	100	+	100		
1255-35	–	+	100	+	100		
1255-36	–	+	100	+	100		
1255-37	–	+	100	+	100		
1255-38	–	+	100	+	100		
1255-40	–	+	100	+	100		
1255-8	–	+	100	+	100		
1255-7	–	+	100	+	100		
1371-1	–	+	100	+	100		
dup	–	+	100	+	100		
MS	–	+	100	+	100		
1255-9	–	+	100	+	100		
1255-41	–	+	100	+	100		
1255-39	–	+	100	+	100		
1376-1	–	+	100	+	100		
1410-1	–	+	100	+	100		

VAS 3/24/11

Notes:

1.) Distillation apparatus: Labconco Model 65200 or Westco EasyDist (circle one).

SEAL: Ammonia Distillation

SM4500-NH_3 B

Date of Analysis: 3/24/11

1st Tier Reviewer: VKB Date: 3/25/11

2nd Tier Reviewer: _____ Date: _____

1st Tier Review	Yes	No	NA	Note	2nd Tier Review Yes	No	NA	Note
Was preservation of samples checked and recorded?	✓							
Was residual chlorine checked and recorded on all samples?	✓							
If residual chlorine was present was it neutralized?			✓					
Were samples analyzed within holding time (28 days)?	✓							
Are all chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Were Method Blanks and LCSs distilled every 20 samples?	✓							
Duplicates distilled on 10% of the samples?	✓							
Matrix spikes performed on 10% of the samples?	✓							
Were distillates stored at 4°C until analysis?	✓							
Was preparation entered into the LIMS with the correct dilution factors?	✓							

Comments: _____

2nd Tier Comments: _____

SEAL: TKN Digestion Log

SM4500N$_{org}$

#1113068

Digestion: Analyst: VAS Date/Time: 3/22/11 @ 1120

Distillation/Titration: Analyst: VAS Date/Time: 3/23/11 @ 900

LCS: Chemical #: M10241 Exp. Date: 3/24/11

Spike: Chemical #: 50-COS-4 Exp. Date: 1/14

Digestion Reagent	Chemical #
	MA10446

Sample ID	Tube #	Initial pH <2 (+/-)	A Sample Volume (ml)	B Final Volume (ml)	C Dilution Factor C = (B/A)	Comments
Method Blank	1	+	10	10		
LCS 1203-6	2	+	10	10		
MC 1230-6	3	+	10	10		pipet-0.5
Dup	4	+	10	10		
MS	5	+	10	10		
1116-1	6	+	10	10		
1116-2	7	+	10	10		
1116-3	8	+	10	10		
1115-1	9	+	10	10		
1115-2	10	+	10	10		
1115-3	11	+	10	10		
1115-4	12	+	10	10		
1115-5	13	+	10	10		
1107-1	14	+	10	10		
1108-1	15	+	10	10		
1203-2	16	+	10	10		
Dup	17	+	10	10		
MS	18	+	10	10		
1203-1	19	+	10	10		
1203-5	20	+	10	10		
1203-4	21	+	10	10		
1203-3	22	+	10	10		
	23					
	24					
	25					
	26					
	27					
	28					

VAS 3/24/11

Notes:
1.) Digester Block: A.I. Scientific AIM600 S/N 4826A13426-4833A14770.

SEAL: TKN Digestion Log

$SM4500N_{org}$

Date of Analysis: 3/24/11

1st Tier Reviewer: VM Date: 3/25/11

2nd Tier Reviewer: _____ Date: _____

1st Tier Review					2nd Tier Review			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was preservation of samples checked and recorded?	✓							
Were samples analyzed within holding time (28 days)?	✓							
Are all chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Was digestion complete?	✓							
Was a MBLK and LCS digested every 20 samples?	✓							
Duplicates performed on 10 % of the samples?	✓							
Were the RPDs within acceptance limits?	✓							
MS performed on 10 % of the samples?	✓							
If MS recoveries <50% was sample redigested?			✓					
Was dilution factor calculated correctly?	✓							
Was prep entered into LIMS correctly?	✓							
Were distilled samples stored at 4°C until analysis?	✓							

Tier 1 Comments: _____

2nd Tier Comments: _____

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 07:21 Friday 25th March 2011
Tray Number: 1
Tray Name: NTK_110324A

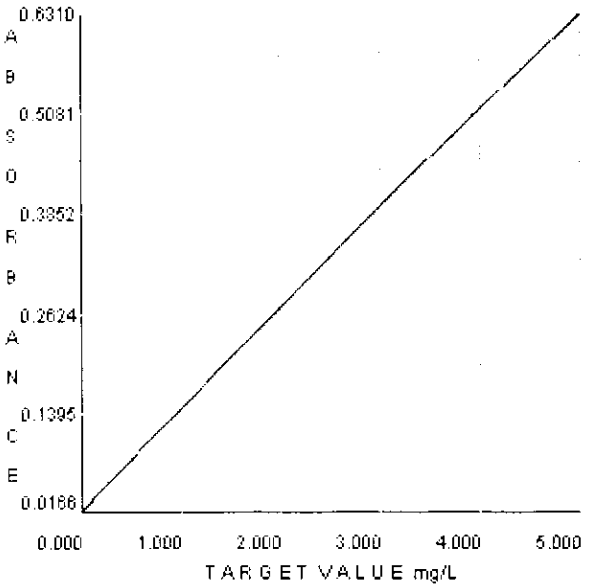
TKN-5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0166	0.0005	0.0000	
S90	0.0284	0.0917	0.1000	-8.2760
S91	0.0811	0.5031	0.5000	0.6220
S92	0.1767	1.2582	1.2500	0.6591
S93	0.3316	2.5069	2.5000	0.2748
S94	0.4799	3.7314	3.7500	-0.4948
S95	0.6310	5.0082	5.0000	0.1631
S0	0.0185	0.0146	0.0000	

Polynomial Order: 2
Correlation Coefficient: 1.0000
Carryover: 0.3
Polynomial Coeffecients: -0.128, 7.731, 0.650,
Date & Time: Wed Mar 16 11:48:36 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NH3 Buffer-5.0	MC11707	VAS	Sat Apr 16 22:00:00 2011
NH3 Phenate-5.0	MC11705	VAS	Sat Apr 16 22:00:00 2011
NH3 Hypoch-5.0	ME02506	VAS	Wed May 25 22:00:00 2011
NH3 Nitropr-5.0	MC11706	VAS	Sat Apr 16 22:00:00 2011
(Blank)			Wed Dec 31 19:00:00 1969

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	0.0395	mg/L			VAS	Thu Mar 24 14:20:04 2011
4	ICV	ICV	2.1162	mg/L			VAS	Thu Mar 24 14:54:32 2011
5	MB	MB	0.0467	mg/L			VAS	Thu Mar 24 14:56:37 2011
6	LCS	LCS	2.1621	mg/L			VAS	Thu Mar 24 14:58:44 2011
7	U1	LOW	0.2771	mg/L			VAS	Thu Mar 24 15:00:52 2011
8	U2	HI	5.7953	mg/L	x10.0000		VAS	Thu Mar 24 17:11:30 2011
9	U3	11C1333-1 NH3	3.4298	mg/L			VAS	Thu Mar 24 15:05:01 2011
10	U4	DUP	3.3800	mg/L			VAS	Thu Mar 24 15:07:06 2011

11	U5	SPK	5.8134	mg/L	x10.0000	VAS	Thu Mar 24 17:13:36 2011
12	U6	11C1255-33	2.1090	mg/L		VAS	Thu Mar 24 15:11:14 2011
	CCV	C C V	2.1363	mg/L		VAS	Thu Mar 24 15:13:19 2011
	CCB	C C B	0.0561	mg/L		VAS	Thu Mar 24 15:15:23 2011
13	U7	11C1255-34	4.5142	mg/L		VAS	Thu Mar 24 15:17:27 2011
14	U8	11C1255-35	0.1219	mg/L		VAS	Thu Mar 24 15:19:31 2011
15	U9	11C1255-36	0.2783	mg/L		VAS	Thu Mar 24 15:21:34 2011
16	U10	11C1255-37	0.0962	mg/L		VAS	Thu Mar 24 15:23:42 2011
17	U11	11C1255-38	7.3804	mg/L	x10.0000	VAS	Thu Mar 24 17:15:43 2011
18	U12	11C1255-40	4.3772	mg/L		VAS	Thu Mar 24 15:27:52 2011
19	U13	11C1255-8	2.1480	mg/L		VAS	Thu Mar 24 15:29:56 2011
20	U14	11C1255-7	54.2028	mg/L	x50.0000	VAS	Thu Mar 24 17:53:13 2011
21	U15	11C1371-1	2.2195	mg/L		VAS	Thu Mar 24 15:34:03 2011
22	U16	DUP	2.4045	mg/L		VAS	Thu Mar 24 15:36:06 2011
	CCV	C C V	2.1378	mg/L		VAS	Thu Mar 24 15:38:10 2011
	CCB	C C B	0.0585	mg/L		VAS	Thu Mar 24 15:40:13 2011
23	U17	SPK	4.1049	mg/L		VAS	Thu Mar 24 15:42:17 2011
24	U18	11C1255-9	1.7296	mg/L		VAS	Thu Mar 24 15:44:20 2011
25	U19	11C1255-41	22.6791	mg/L	x10.0000	VAS	Thu Mar 24 17:19:58 2011
26	U20	11C1255-39	0.3746	mg/L		VAS	Thu Mar 24 15:48:31 2011
27	U21	11C1376-1	0.2033	mg/L		VAS	Thu Mar 24 15:50:38 2011
28	U22	11C1410-1	0.3808	mg/L		VAS	Thu Mar 24 15:52:42 2011
29	MB	MB	0.0598	mg/L		VAS	Thu Mar 24 15:54:46 2011
30	LCS	LCS	2.1785	mg/L		VAS	Thu Mar 24 15:56:49 2011
31	U23	11C1203-6 TKN	1.2389	mg/L		VAS	Thu Mar 24 15:58:53 2011
32	U24	DUP	1.2377	mg/L		VAS	Thu Mar 24 16:00:57 2011
	CCV	C C V	2.1352	mg/L		VAS	Thu Mar 24 16:03:01 2011
	CCB	C C B	0.0746	mg/L		VAS	Thu Mar 24 16:05:04 2011
33	U25	SPK	1.8150	mg/L		VAS	Thu Mar 24 16:07:08 2011
34	U26	11C1116-1	3.5982	mg/L		VAS	Thu Mar 24 16:09:12 2011
35	U27	11C1116-2	10.3949	mg/L	x10.0000	VAS	Thu Mar 24 17:21:39 2011
36	U28	11C1116-3	6.0242	mg/L	x10.0000	VAS	Thu Mar 24 17:23:18 2011
37	U29	11C1115-1	78.2576	mg/L	x50.0000	VAS	Thu Mar 24 17:54:52 2011
38	U30	11C1115-2	32.9302	mg/L	x10.0000	VAS	Thu Mar 24 17:26:37 2011
39	U31	11C1115-3	4.7973	mg/L		VAS	Thu Mar 24 16:19:39 2011
40	U32	11C1115-4	10.0112	mg/L	x10.0000	VAS	Thu Mar 24 17:28:17 2011
41	U33	11C1115-5	4.9852	mg/L		VAS	Thu Mar 24 16:23:47 2011
42	U34	11C1109-1	0.5950	mg/L		VAS	Thu Mar 24 16:25:54 2011
	CCV	C C V	2.1671	mg/L		VAS	Thu Mar 24 16:28:01 2011
	CCB	C C B	0.0681	mg/L		VAS	Thu Mar 24 16:30:06 2011
43	U35	11C1108-1	4.2134	mg/L		VAS	Thu Mar 24 16:32:14 2011
44	U36	11C1203-2	0.7751	mg/L		VAS	Thu Mar 24 16:34:21 2011
45	U37	DUP	0.7926	mg/L		VAS	Thu Mar 24 16:36:28 2011
46	U38	SPK	1.8253	mg/L		VAS	Thu Mar 24 16:38:10 2011
47	U39	11C1203-1	29.9538	mg/L	x10.0000	VAS	Thu Mar 24 16:39:49 2011
48	U40	11C1203-5	25.8603	mg/L	x10.0000	VAS	Thu Mar 24 16:41:28 2011
49	U41	11C1203-4	0.9485	mg/L		VAS	Thu Mar 24 16:43:08 2011
50	U42	11C1203-3	29.2140	mg/L	x10.0000	VAS	Thu Mar 24 16:44:47 2011
	CCV	C C V	2.1563	mg/L		VAS	Thu Mar 24 16:46:27 2011
	CCB	C C B	0.0593	mg/L		VAS	Thu Mar 24 16:48:07 2011
	CCB	CONTROL 12	0.0601	mg/L			Thu Mar 24 17:07:16 2011
	CCV	CONTROL 11	2.1632	mg/L			Thu Mar 24 17:09:23 2011
	CCB	CONTROL 12	0.0469	mg/L			Thu Mar 24 17:29:56 2011
	CCV	CONTROL 11	2.1155	mg/L			Thu Mar 24 17:31:36 2011
	CCB	CONTROL 12	0.0529	mg/L			Thu Mar 24 17:49:53 2011
	CCV	CONTROL 11	2.1800	mg/L			Thu Mar 24 17:51:33 2011
	CCB	CONTROL 12	0.0552	mg/L			Thu Mar 24 17:56:31 2011
	CCV	CONTROL 11	2.1698	mg/L			Thu Mar 24 17:58:11 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113227 **Matrix:** Water **Department:** Metals

PREPARATION BENCH SHEET

1113227

Sequence: MIC251C

Prepared: 03/25/2011 10:43
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Calibration:

Printed: 3/25/2011 2:05:10PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1113227-BLK1		20	20				
1113227-BS1		20	20	MC10214		400	
1113227-DUP1		20	20		11C1381-02		
1113227-MS1		20	20	MC10214	11C1381-02	400	
1113227-MSD1		20	20	MC10214	11C1381-02	400	
11C1255-07	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-09 (-2)				
Hg_Total							
11C1255-08	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-09 (-20)				
Hg_Total							
11C1255-09	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-11 (-33)				
Hg_Total							
11C1255-33	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-10 (-1)				
Hg_Total							
11C1255-34	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-10 (-31)				
Hg_Total							
11C1255-35	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-14 (-33)				
Hg_Total							
11C1255-36	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-14 (+1)				
Hg_Total							
11C1255-37	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-13 (+1)				
Hg_Total							

PREPARATION BENCH SHEET

1113227

Sequence:

Prepared: 03/25/2011 10:43
Prepared by: EDP

Microbac Laboratories, Inc., Baltimore Division

Calibration:

Matrix: Water

Prepared using: Metals - Metals_Hg_Prep

Printed: 3/25/2011 2:05:10PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
11C1255-38	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-13 (-26)				
Hg_Total							
11C1255-39	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-11 (-1)				
Hg_Total							
11C1255-40	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-08 (-36)				
Hg_Total							
11C1255-41	04/04/2011 15:00	20	20				
Severstal Sparrows Point			GL-08 (-3)				
Hg_Total							
11C1381-02	03/31/2011 15:00	20	20				
Richmond, City of WWTP			Wastewater Plant Effluent				
Hg_Total							
11C1382-02	03/31/2011 15:00	20	20				
Richmond, City of WWTP			Wastewater Treatment Plant Influent				
Hg_Total							
11C1453-01	03/25/2011 17:00	0.4	20				
Curtis Bay Energy			Gray Tank				
Hg_Total							

PREPARATION BENCH SHEET

1113227

Sequence: MIC25R

Prepared: 03/25/2011 10:43
Prepared by: EDP

Microbac Laboratories, Inc., Baltimore Division

Calibration:

Matrix: Water

Prepared using: Metals - Metals_Hg_Prep

Printed: 3/25/2011 2:05:10PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments

! "#$%&# "#( )

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?			✓	
LCV recoveries acceptable?			✓	
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓			

Analyst — Date: 3/25/11

Reviewed By — Date

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113231 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/25/2011 11:47 1113231

Prepared by: BMC

Prepared using: WetChem - Alkalinity_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113231-BLK1	Blank	100	100		|	
1113231-BS1	LCS	100	100		5000 |	
1113231-DUP1	Duplicate [11C1345-01]	100	100		|	
1113231-DUP2	Duplicate [11C1353-01]	100	100		|	
1113231-MS1	Matrix Spike [11C1345-01]	100	100		8000 |	
1113231-MS2	Matrix Spike [11C1353-01]	100	100		8000 |	
11C1114-01	Kinsale	100	100	03/28/20		
11C1226-01	St.Louis Well #1	100	100	03/29/20		
11C1226-02	St.Louis Well #2	100	100	03/29/20		
11C1226-03	St.Louis Well #3	100	100	03/29/20		
11C1226-04	St.Louis Well #4	100	100	03/29/20		
11C1226-05	St.Louis Well #5	100	100	03/29/20		
11C1226-06	St.Louis Well #6	100	100	03/29/20		
11C1255-07	GL-09 (-2)	100	100	04/04/20		
11C1255-08	GL-09 (-20)	100	100	04/04/20		
11C1255-09	GL-11 (-33)	100	100	04/04/20		
11C1345-01	21760001 00004866	100	100	03/28/20		
11C1353-01	Manakin #9 EP005	100	100	03/31/20		

Standard(s):

MB12421	Alkalinity Lcs 1000ppm	5000uL or ug
		8000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/25/2011 11:47 1113231

Prepared by: BMC

Prepared using: WetChem - Alkalinity_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?			✓	
HCV check recoveries acceptable?			✓	
LCV recoveries acceptable?			✓	
Analysis:				Old holdtime
Bracketing CCV recoveries acceptable?			✓	
Bracketing CCB concentrations < 1/2 MRL?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst 3/28/11 Date

Reviewed By BJ 3/28/11 Date

Alkalinity

SM 2320 B

1113231

Control #: 50-181
Effective Date: 6/15/2007
Page: 1 of 2

Date: 3/25/11 @1200 Analyst: BMC

1000 ppm Standard: Solution #: MB12421 Expiration Date: 5/26/11

Peroxide (if applicable) Chemical #: _____ Expiration Date: _____

Titrant: Chemical #: MC1030\ Expiration Date: 6/30/11 Normality: 0.02N

Calculation:

Total Alkalinity, ppm $CaCO_3$ = (ml titrant * N of titrant * 50000)/ ml sample

Sample ID	Head Space (+/-)	Initial pH	Sample (ml)	Titrant (ml) (total ml to endpoint) To pH 8.3	To pH 4.5	-0.3 pH units	Concentration (ppm) Total	P	DF Carbonate	Notes Bicarbonate
Blank	-	5.45	100		0.05		<1		1	
LCS	-	9.8	100		4.95		49.5	99%	1	
11C1114-01	-	7.9	25		4.20		168		4	42
11C1226-01	-	6.6	100		3.25		32.5		1	
-02	-	6.7	50		3.40		68		2	34
-03	-	6.9	25		2.50		100		4	25
-04	-	6.1	100		2.0	~~2.10~~ BMC 3/25/11	20		1	
-05	-	7.9	25		2.75		110		4	27.5
-06	-	7.1	25		2.45		98		4	24.5
11C1345-01	-	7.4	25		3.65		146		4	36.5
dup	-	7.5	25		3.65		146		4	36.5
MS	-	8.6	25	0.35	5.35		214		4	53.5
11C1353-01	-	7.7	25		4.60		184		4	46
11C1255-07	-	9.9	25	4.40	5.70		228		4	57
-08	-	6.3	25		9.35		374		4	93.5
-09	-	10.5	25	2.10	2.40		96		4	24
11C1353-01dup	-	7.8	25		4.55		182		4	45.5
MS	-	9.0	25	0.45	6.55		262		4	65.5

BMC 3/25/11

Notes:

1.) pH Meter: Orion 920A S/N 001638.

2.) Sample titrated to pH 4.5 unless otherwise noted.

Alkalinity
SM 2320 B

Date Test Completed: 3/25/11 Analyst: BMC

1st Tier					2nd Tier			
Initials/Date: BMC 3/28/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was titrant standardized?		✓						
Were all samples free of head space?	✓							
If no, were results footnoted?			✓					
Was method blank ≤0.5 ppm?	✓							
Were all samples analyzed within 14 day holding time?	✓	✓						
If no, were results footnoted in notebook and LIMS?	✓							
Are all Chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Was LCS within acceptance limits?	✓							
Were 10% of the samples performed in duplicate?	✓							
Were RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were spike recoveries within acceptance limits?	✓							
If titrant was < 2.0 ml was pH lowered 0.3 pH units more and correct calculation applied?	✓							
If carbonate or bicarbonate alkalinity is required was titrant to pH 8.3 and 4.5 recorded ?			✓					
Was correct calculation used to determine bicarbonate and carbonate alkalinity?			✓					
Were samples peroxide digested?			✓					
If yes, was a method blank and LCS also digested?			✓					
If yes, were results footnoted in notebook and LIMS?			✓					
Were the samples titrated to pH 4.5?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments:

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113232 **Matrix:** Water **Department:** Metals

1113232~

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/25/2011 12:07 1113232 **Printed: 3/30/2011 2:14:42PM**

Preppared by: EDP

Prepared using: Metals - EPA 200.2 ICP

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113232-BLK1	Blank	50	50		|	
1113232-BS1	LCS	50	50		500 | 500	
1113232-DUP1	Duplicate [11C1255-33]	50	50		|	
1113232-MS1	Matrix Spike [11C1255-33]	50	50		500 | 500	
1113232-MSD1	Matrix Spike Dup [11C1255-33]	50	50		500 | 500	
1113232-PS1	Post Spike [11C1255-33]	1	10		100 | 100	
11C1255-07	GL-09 (-2)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-08	GL-09 (-20)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-09	GL-11 (-33)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-33	GL-10 (-1)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-34	GL-10 (-31)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-35	GL-14 (-33)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-36	GL-14 (+1)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-37	GL-13 (+1)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-38	GL-13 (-26)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-39	GL-11 (-1)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-40	GL-08 (-36)	50	50	03/30/20	Severstal Sparrows Point	
11C1255-41	GL-08 (-3)	50	50	03/30/20	Severstal Sparrows Point	

Ca Fe K Mg Na

Prepared By Date

Preparation Reviewed By Date

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/25/2011 12:07 1113232 **Printed: 3/30/2011 2:14:42PM**

Preppared by: EDP

Prepared using: Metals - EPA 200.2 ICP

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Standard(s):

MK00811 ICP-ICP/MS Solution A LCS Spike 100ug or mg
500ug or mg

Standard ID#	Description	Manufacture Lot#
MI02901	HNO3, Conc	-
ML01003	HCL, Conc.	-

MK00812 ICP-ICP/MS Solution B LCS Spike 100 uL
MK00812 ICP-ICP/MS Solution B LCS Spike 500 uL

Prepared By Date

Preparation Reviewed By Date

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1113234 **Matrix:** Water **Department:** Metals

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/25/2011 12:13 1113234

Prepared by: EDP

Prepared using: Metals - EPA 200.2 ICPMS

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1113234-BLK1	Blank	50	50		|	
1113234-BS1	LCS	50	50		100 | 100	
1113234-DUP1	Duplicate [11C1255-34]	50	50		|	
1113234-MS1	Matrix Spike [11C1255-34]	50	50		100 | 100	
1113234-MSD1	Matrix Spike Dup [11C1255-34]	50	50		100 | 100	
11C1255-07	GL-09 (-2)	50	50	04/18/20		
11C1255-07RE1	GL-09 (-2)	50	50	04/18/20		Added 3/29/2011 by PBK
11C1255-07RE2	GL-09 (-2)	50	50	04/18/20		Added 3/29/2011 by PBK
11C1255-08	GL-09 (-20)	50	50	04/18/20		
11C1255-09	GL-11 (-33)	50	50	04/18/20		
11C1255-33	GL-10 (-1)	50	50	04/18/20		
11C1255-33RE1	GL-10 (-1)	50	50	04/18/20		Added 3/29/2011 by PBK
11C1255-34	GL-10 (-31)	50	50	04/18/20		
11C1255-35	GL-14 (-33)	50	50	04/18/20		
11C1255-35RE1	GL-14 (-33)	50	50	04/18/20		Added 3/29/2011 by PBK
11C1255-36	GL-14 (+1)	50	50	04/18/20		
11C1255-37	GL-13 (+1)	50	50	04/18/20		
11C1255-38	GL-13 (-26)	50	50	04/18/20		
11C1255-38RE1	GL-13 (-26)	50	50	04/18/20		Added 3/29/2011 by PBK
11C1255-39	GL-11 (-1)	50	50	04/18/20		
11C1255-40	GL-08 (-36)	50	50	04/18/20		
11C1255-40RE1	GL-08 (-36)	50	50	04/18/20		Added 3/29/2011 by PBK
11C1255-41	GL-08 (-3)	50	50	04/18/20		
11C1255-41RE1	GL-08 (-3)	50	50	04/18/20		Added 3/29/2011 by PBK
11C1255-41RE2	GL-08 (-3)	50	50	04/18/20		Added 3/29/2011 by PBK

As Ba Be Cd Co Cr Cu Mn Ni Pb Sb Se Tl V Zn

Ag

Standard(s):
MK00811 ICP-ICP/MS Solution A LCS Spike 100uL or ug

Reagent ID#	Description	Lot Number
MI02901	HNO3, Conc	
ML01003	HCL, Conc.	

MK00812 ICP-ICP/MS Solution B LCS Spike 100 uL

Printed: 4/25/2011 3:24:31PM

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/25/2011 12:13 1113234

Prepared by: EDP

Prepared using: Metals - EPA 200.2 ICPMS

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?				
ICV recoveries acceptable?				
ICB concentrations < 1/2 MRL?				
HCV check recoveries acceptable?				
LCV recoveries acceptable?				
Analysis:				
Bracketing CCV recoveries acceptable?				
Bracketing CCB concentrations < 1/2 MRL?				
Method Blank concentrations < 1/2 MRL?				
LCS (BS) recoveries acceptable?				
Sample Duplicate RPDs acceptable?				
MS/MSD recoveries acceptable?				
MS/MSD RPDs acceptable?				

Analyst Date

Reviewed By 4/20/11 Date

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114023 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/28/2011 14:00 1114023

Prepared by: LCR

Prepared using: WetChem - COD_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (ml)	Due Date	Spike Amount uL 1 | 2	Comments
1114023-BLK1	Blank	50	50		|	
1114023-BLK2	Blank	50	50		|	
1114023-BLK3	Blank	50	50		|	
1114023-BS1	LCS	50	50		2000 |	
1114023-BS2	LCS	50	50		2000 |	
1114023-BS3	LCS	50	50		2000 |	
1114023-CCB1	Calibration Blank	50	50		|	
1114023-CCB2	Calibration Blank	50	50		|	
1114023-CCB3	Calibration Blank	50	50		|	
1114023-CCV1	Calibration Check	50	50		200 |	
1114023-CCV2	Calibration Check	50	50		200 |	
1114023-CCV3	Calibration Check	50	50		200 |	
1114023-DUP1	Duplicate [11C1247-01]	50	50		|	
1114023-DUP2	Duplicate [11C1248-01]	50	50		|	
1114023-DUP3	Duplicate [11C1250-01]	50	50		|	
1114023-MS1	Matrix Spike [11C1247-01]	50	50		250 |	
1114023-MS2	Matrix Spike [11C1248-01]	50	50		250 |	
1114023-MS3	Matrix Spike [11C1250-01]	50	50		250 |	
11C1226-01	St.Louis Well #1	50	50	03/29/20		
11C1226-02	St.Louis Well #2	50	50	03/29/20		
11C1226-03	St.Louis Well #3	50	50	03/29/20		
11C1226-04	St.Louis Well #4	50	50	03/29/20		
11C1226-05	St.Louis Well #5	50	50	03/29/20		
11C1226-06	St.Louis Well #6	50	50	03/29/20		
11C1247-01	21420001 000037OY	50	50	04/01/20		
11C1248-01	21410001 0000487G	50	50	04/01/20		
11C1250-01	21400001 0000478K	50	50	04/01/20		
11C1255-07	GL-09 (-2)	50	50	04/04/20		
11C1255-08	GL-09 (-20)	50	50	04/04/20		
11C1255-09	GL-11 (-33)	50	50	04/04/20		
11C1255-31	GL-12 (-17)	50	50	04/04/20		
11C1255-32	GL-12 (-3)	50	50	04/04/20		
11C1255-33	GL-10 (-1)	50	50	04/04/20		
11C1255-34	GL-10 (-31)	50	50	04/04/20		
11C1255-35	GL-14 (-33)	50	50	04/04/20		
11C1255-36	GL-14 (+1)	50	50	04/04/20		
11C1255-37	GL-13 (+1)	50	50	04/04/20		

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/28/2011 14:00 1114023

Prepared by: LCR

Prepared using: WetChem - COD_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (ml)	Due Date	Spike Amount uL 1 | 2	Comments
11C1255-38	GL-13 (-26)	50	50	04/04/20		
11C1255-39	GL-11 (-1)	50	50	04/04/20		
11C1255-40	GL-08 (-36)	50	50	04/04/20		
11C1255-41	GL-08 (-3)	50	50	04/04/20		
11C1376-01	Outfall 006	50	50	03/31/20		

Standard(s):

MC10215	COD MS Stock, 10,000ppm	250uL or ug
MC12308	COD LCS, 40mg/L	200uL or ug
		2000uL or ug

Reagent ID#	Description	Lot Number
MC12230	COD Vials	

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?				
LCV recoveries acceptable?	✓			
Analysis:				EW'd holdtimes
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓		✓	
	✓			

Analyst 3/29/11 Date

Reviewed By 3/29/11 Date

COD by EPA410.4/HACH8000

Initial Calibration Date:			
Analyst:	LCR	Prep Date/Time:	3/28/2011 14:00
		Analysis Date/Time:	3/29/2011 13:30
Analyte: COD, Total		mg/L	
Method: EPA 410.4			

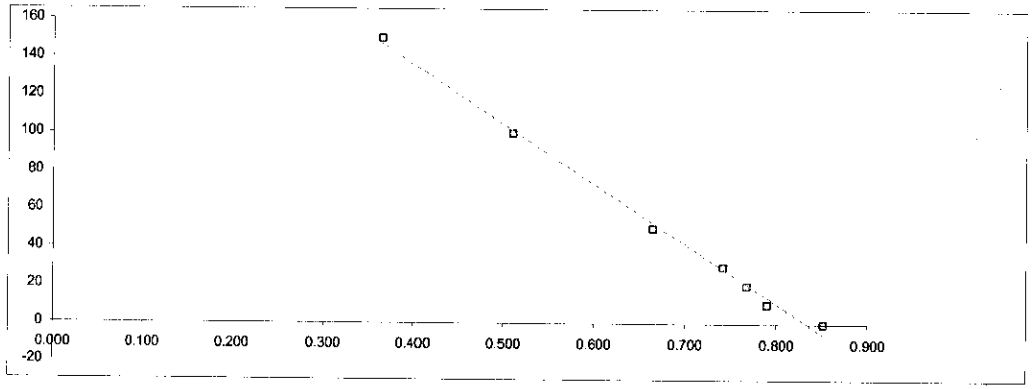
Measured Response	Standards ID	Actual Concentration	Calculated Value (linear)
0.852		0	-5.809
0.790		10	13.720
0.768		20	20.650
0.742		30	28.840
0.665		50	53.093
0.510		100	101.916
0.365		150	147.589

Batch ID: 1114023

LINEAR EQUATION

y=a+bx

a=	0.8335591
b=	-0.0031748
r=	-0.9980932



Calculation: COD mg/L = (Raw value from curve) * DF
Calculation: COD mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Sample #	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Allquot (gms)	Sample Allquot (mls)	Extraction Volume (mls)	Final Volume (ml)	Analyte	Net DF	RawVal	Final Conc. mg/L	Final Conc. mg/kg	Comments
1	1114023-BLK1	-	Blank	0.843	3/29/11 13:30		50		1	COD	1	-2.973735809	-2.973735809	0	
2	1114023-BLK2	-	Blank	0.829	3/29/11 13:32		50		1	COD	1	1.436045289	1.436045289	0	
3	1114023-BLK3	-	Blank	0.843	3/29/11 13:34		50		1	COD	1	-2.973735809	-2.973735809	0	
4	1114023-BS1	-	LCS	0.706	3/29/11 13:36		50		1	COD	1	40.17913437	40.17913437	0	
5	1114023-BS2	-	LCS	0.702	3/29/11 13:38		50		1	COD	1	41.4390564	41.4390564	0	
6	1114023-BS3	-	LCS	0.704	3/29/11 13:40		50		1	COD	1	40.80909729	40.80909729	0	
7	1114023-CCB1	-	Calibration Blank	0.846	3/29/11 13:42		50		1	COD	1	-3.918695688	-3.918695688	0	
8	1114023-CCB2	-	Calibration Blank	0.831	3/29/11 13:44		50		1	COD	1	0.806084573	0.806084573	0	
9	1114023-CCB3	-	Calibration Blank	0.844	3/29/11 13:46		50		1	COD	1	-3.288716316	-3.288716316	0	
10	1114023-CCV1	-	Calibration Check	0.696	3/29/11 13:48		50		1	COD	1	43.32897568	43.32897568	0	
11	1114023-CCV2	-	Calibration Check	0.699	3/29/11 13:50		50		1	COD	1	42.38401794	42.38401794	0	
12	1114023-CCV3	-	Calibration Check	0.7	3/29/11 13:52		50		1	COD	1	42.06903458	42.06903458	0	
13	1114023-DUP1	11C1247-01	Duplicate	0.835	3/29/11 13:54		50		1	COD	1	-0.453855574	-0.453855574	0	
14	1114023-DUP2	11C1248-01	Duplicate	0.844	3/29/11 13:56		50		1	COD	1	-3.288716316	-3.288716316	0	
15	1114023-DUP3	11C1250-01	Duplicate	0.845	3/29/11 13:58		50		1	COD	1	-3.60371542	-3.60371542	0	
16	1114023-MS1	11C1247-01	Matrix Spike	0.678	3/29/11 14:00		50		1	COD	1	48.99869537	48.99869537	0	
17	1114023-MS2	11C1248-01	Matrix Spike	0.672	3/29/11 14:02		50		1	COD	1	50.8885994	50.8885994	0	
18	1114023-MS3	11C1250-01	Matrix Spike	0.675	3/29/11 14:04		50		1	COD	1	49.94363785	49.94363785	0	
19	11C1226-01	St.Louis Well #1	Sample	0.832	3/29/11 14:06		50		1	COD	1	0.49108547	0.49108547	0	
20	11C1226-02	St.Louis Well #2	Sample	0.856	3/29/11 14:08		50		1	COD	1	-7.068536758	-7.068536758	0	
21	11C1226-03	St.Louis Well #3	Sample	0.849	3/29/11 14:10		50		1	COD	1	-4.863636971	-4.863636971	0	
22	11C1226-04	St.Louis Well #4	Sample	0.839	3/29/11 14:12		50		1	COD	1	-1.713795781	-1.713795781	0	
23	11C1226-05	St.Louis Well #5	Sample	0.852	3/29/11 14:14		50		1	COD	1	-5.808596611	-5.808596611	0	
24	11C1226-06	St.Louis Well #6	Sample	0.825	3/29/11 14:16		50		1	COD	1	2.695985556	2.695985556	0	
25	11C1247-01	21420001 000037OY	Sample	0.832	3/29/11 14:18		50		1	COD	1	0.49108547	0.49108547	0	
26	11C1248-01	21410001 0000487G	Sample	0.843	3/29/11 14:20		50		1	COD	1	-2.973735809	-2.973735809	0	
27	11C1250-01	21400001 0000478K	Sample	0.838	3/29/11 14:22		50		1	COD	1	-1.398815393	-1.398815393	0	
28	11C1255-07	GL-09 (-2)	Sample	0.574	3/29/11 14:24		25		1	COD	2	81.75706482	163.5141296	0	
29	11C1255-08	GL-09 (-20)	Sample	0.725	3/29/11 14:26		50		1	COD	1	34.19441605	34.19441605	0	
30	11C1255-09	GL-11 (-33)	Sample	0.829	3/29/11 14:28		50		1	COD	1	1.436045289	1.436045289	0	
31	11C1255-31	GL-12 (-17)	Sample	0.837	3/29/11 14:30		50		1	COD	1	-1.083835006	-1.083835006	0	
32	11C1255-32	GL-12 (-3)	Sample	0.846	3/29/11 14:32		50		1	COD	1	-3.918695688	-3.918695688	0	
33	11C1255-33	GL-10 (-1)	Sample	0.853	3/29/11 14:34		50		1	COD	1	-6.123577118	-6.123577118	0	
34	11C1255-34	GL-10 (-31)	Sample	0.769	3/29/11 14:36		50		1	COD	1	20.33510971	20.33510971	0	
35	11C1255-35	GL-14 (-33)	Sample	0.757	3/29/11 14:38		50		1	COD	1	24.11491203	24.11491203	0	
36	11C1255-36	GL-14 (+1)	Sample	0.848	3/29/11 14:40		50		1	COD	1	-4.548656464	-4.548656464	0	
37	11C1255-37	GL-13 (+1)	Sample	0.827	3/29/11 14:42		50		1	COD	1	2.066005945	2.066005945	0	
38	11C1255-38	GL-13 (-26)	Sample	0.581	3/29/11 14:44		25		1	COD	2	79.55218506	159.1043701	0	
39	11C1255-39	GL-11 (-1)	Sample	0.795	3/29/11 14:46		50		1	COD	1	12.14550877	12.14550877	0	
40	11C1255-40	GL-08 (-36)	Sample	0.564	3/29/11 14:48		25		1	COD	2	84.90690613	169.8138123	0	
41	11C1255-41	GL-08 (-3)	Sample	0.514	3/29/11 14:50		25		1	COD	2	100.6561279	201.3122559	0	
42	11C1376-01	Outfall 006	Sample	0.6	3/29/11 14:52		1		1	COD	50	73.56746674	3678.373291	0	

Derived at 428.8 nm

Wavelength: 422.3 nm

Sample	Reading	Time
	A	
11	0.152	10:04:04
24	0.733	10:04:46
25	0.760	10:04:53
26	0.741	10:04:51
27	0.695	10:05:02
28	0.518	10:05:26
29	0.365	10:05:37

32	0.843	10:41:27
33	0.113	10:41:32
34	0.121	10:41:38
35	0.781	10:41:43
36	0.711	10:41:45
37	0.772	10:41:57
38	0.748	10:42:14
39	0.751	10:42:28
40	0.744	10:42:32
41	0.695	10:44:19
42	0.699	10:44:26
43	0.708	10:44:35
44	0.835	10:45:11
45	0.844	10:45:45
46	0.845	10:45:47
47	0.679	10:48:16
48	0.711	10:48:37
49	0.758	10:48:52
50	0.802	10:50:16
51	0.751	10:50:32
52	0.845	10:50:34
53	0.909	10:50:35
54	0.852	10:50:44
55	0.825	10:52:19
56	0.802	10:53:11
57	0.840	10:53:56
58	0.868	10:54:27
59	0.874	10:55:12
60	0.725	10:55:32
61	0.825	10:56:05
62	0.807	10:56:31
63	0.844	10:56:41
64	0.853	10:57:03
65	0.745	10:57:53
66	0.757	10:58:15
67	0.849	10:58:32
68	0.827	10:59:03
69	0.831	10:59:15
70	0.775	10:59:29
71	0.842	10:59:53
72	0.814	11:00:12
73	0.863	11:00:32

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114033 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/28/2011 09:51 1114033, 4038

Prepared by: VAS

Prepared using: WetChem - NO3_Prep Multpl Batch

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114033-BLK1	Blank	1	1		|	
1114033-BLK2	Blank	1	1		|	
1114033-BS1	LCS	1	1		2.5 |	
1114033-BS2	LCS	1	1		2.5 |	
1114033-DUP1	Duplicate [11C1432-01]	1	1		|	
1114033-DUP2	Duplicate [11C1405-01]	1	1		|	
1114033-DUP3	Duplicate [11C1469-01]	1	1		|	
1114033-MS1	Matrix Spike [11C1432-01]	1	1		40 |	
1114033-MS2	Matrix Spike [11C1405-01]	1	1		40 |	
1114033-MS3	Matrix Spike [11C1469-01]	1	1		200 |	
11C1255-07	GL-09 (-2)	1	1	03/30/20		
11C1255-08	GL-09 (-20)	1	1	03/30/20		
11C1255-09	GL-11 (-33)	1	1	03/30/20		
11C1255-39	GL-11 (-1)	1	1	03/30/20		
11C1255-40	GL-08 (-36)	1	1	03/30/20		
11C1255-41	GL-08 (-3)	1	1	03/30/20		
11C1374-01	FE 032111C Effluent	1	1	03/31/20		
11C1374-02	IO 032111C Influent	1	1	03/31/20		
11C1375-01	BIPCO 201 Effluent 24 HC	1	1	03/31/20		
11C1405-01	Lively #1	1	1	04/01/20		
11C1432-01	9060 Stumpy Road: Drinking Water	1	1	04/01/20		
11C1441-01	002 Pipe stream	1	1	04/01/20		
11C1441-02	002 Pipe stream US	1	1	04/01/20		
11C1441-03	002 Upstream	1	1	04/01/20		
11C1441-04	002 Crawford	1	1	04/01/20		
11C1441-05	002 Pipe	1	1	04/01/20		
11C1441-06	003 Pipe	1	1	04/01/20		
11C1441-07	003 Upstream	1	1	04/01/20		
11C1461-01	001 Outfall	1	1	04/04/20		
11C1468-06	WWTP Effluent Eff	1	1	04/04/20		
11C1469-01	dH2O Use Test	1	1	04/05/20		
11C1474-01	Effluent	1	1	03/31/20		
11C1491-01	Effluent	1	1	03/31/20		
11C1499-01	C-1	1	1	04/08/20		
11C1499-02	C-2	1	1	04/08/20		
11C1499-03	C-3	1	1	04/08/20		

Printed: 3/28/2011 2:31:43PM

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/28/2011 09:51 1114033

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
11C1499-04	C-4	1	1	04/08/20		
11C1499-05	C-5	1	1	04/08/20		
11C1499-06	C-6	1	1	04/08/20		
11C1499-07	C-7	1	1	04/08/20		
11C1499-08	C-8	1	1	04/08/20		
11C1521-01	Meadowkirk Final Effluent	1	1	04/05/20		

Standard(s):

MC10837	NO3 Matrix Spike, 100ppm	200uL or ug
		40uL or ug
MC10843	NO3 LCS/ICV/CCV, 2.5ppm	2.5uL or ug

Reagent ID#	Description	Lot Number

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed by 3/29/11 Date

SEAL: Nitrate
EPA 353.2

#1114033 - water
#1114038 - Solid

Control #: 50-464_2009
Effective Date: 10/9/2009
Page: 1 of 1

Date: 3/28/11 Analyst: VAS

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5mg/L)	MC 10836	4/8/11
Matrix Spike Std (100mg/L)	MC 10837	4/8/11
NO_2 Std (1mg/L)	MC10841	4/8/11
ICV/CCV (2.5mg/L)	MC10843	4/8/11
CCB (DI Water)		
LCS (2.5mg-N/L)	10843	4/8/11
Low Check (0.1mg-N/L)	MC10838	4/8/11
Sulfanilamide Color Reagent	see attachments	
Ammonium Chloride Buffer		
Copper Sulfate Reagent		
Conc. HCl (if applicable)		

Cadmium Column Regenerated Before Run ☑

1st Tier Review					2nd Tier Review			
Initials/Date: VAS 3/28/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Calibration Curve:								
Was the correlation coefficient ≥0.995?	✓							
Was the ICV acceptable?	✓							
Was the method blank ≤ 0.025ppm?	✓							
Was the column efficiency between 90-110%? (see calculation below)	✓							
Was the Low check standard acceptable?	✓							
Was the LCS recovery acceptable?	✓							
Was the LCS and standards preserved?	✓							
Are any reagents or standards expired?		✓						
Are all standard and reagent solution #s documented?	✓							
Sample Analysis:								
Was preservation of all samples checked?	✓							
Were all preserved samples analyzed within 28 days?	✓							
Were all unpreserved samples analyzed within 48 hours?	✓							
Were duplicates performed every 10 samples?	✓							
Were RPDs within acceptance limits?	✓							
Were matrix spikes performed every 10 samples?	✓							
Were spike recoveries within acceptance limits?	✓							
CCVs run every 10 samples?	✓							
Were all CCVs acceptable? comment if recalibrated.	✓							
If CCV failed were samples up to the last acceptable CCVreanalyzed?			✓					
Was a check standard analyzed after the last sample in batch?	✓							
Were dilutions entered correctly?	✓							
Are all LIMS sample numbers documented?	✓							
Was data and detection limits accurately entered in the LIMS?	✓							

Column Efficiency (reduction efficiency): $\frac{NO_3abs - Blankabs}{NO_2abs - Blankabs} \times 100$ = 100.5%

Comments:

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 13:47 Monday 28th March 2011
Tray Number: 1
Tray Name: NO3_110328A

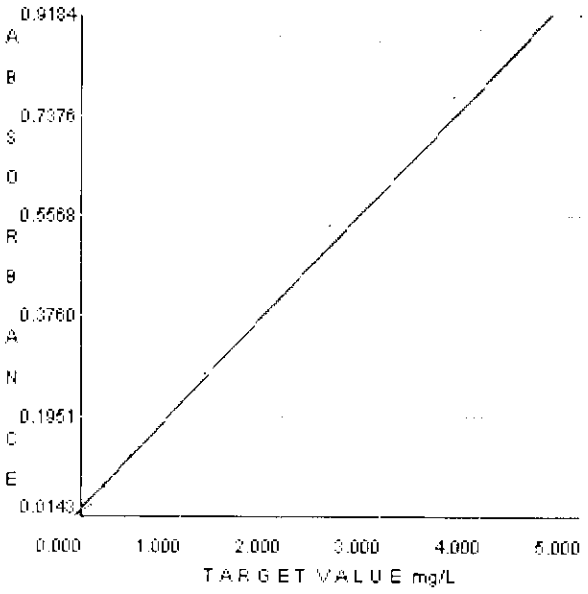
Nitrate 5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0143	-0.0612	0.0000	
S90	0.9184	4.7298	5.0000	-5.4045
S91	0.7730	3.9589	3.7500	5.5705
S92	0.5381	2.7143	2.5000	8.5720
S93	0.2687	1.2866	1.2500	2.9249
S94	0.1206	0.5021	0.5000	0.4215
S95	0.0676	0.2213	0.2500	-11.4979
S96	0.0355	0.0511	0.1000	-48.8532
S97	0.0253	-0.0029	0.0500	-105.7469
S0	0.0143	-0.0613	0.0000	

Polynomial Order: 1
Correlation Coefficient: 0.9968
Carryover: -0.3
Date & Time: Mon Mar 28 10:11:54 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
	S1	STANDARD 1	0.0143				VAS	Mon Mar 28 09:51:45 2011
	S90	STANDARD 90	0.9184				VAS	Mon Mar 28 09:53:55 2011
	S91	STANDARD 91	0.7730				VAS	Mon Mar 28 09:56:10 2011
	S92	STANDARD 92	0.5381				VAS	Mon Mar 28 09:58:24 2011
	S93	STANDARD 93	0.2687				VAS	Mon Mar 28 10:00:39 2011
	S94	STANDARD 94	0.1206				VAS	Mon Mar 28 10:02:54 2011
	S95	STANDARD 95	0.0676				VAS	Mon Mar 28 10:05:09 2011
	S96	STANDARD 96	0.0355				VAS	Mon Mar 28 10:07:24 2011
	S97	STANDARD 97	0.0253				VAS	Mon Mar 28 10:09:39 2011
	S0	STANDARD 0	0.0143				VAS	Mon Mar 28 10:11:54 2011
3	ICB	ICB	-0.0543	mg/L			VAS	Mon Mar 28 10:14:09 2011

4	ICV	ICV	2.6554	mg/L		VAS	Mon Mar 28 10:16:29 2011
5	MB	MB	-0.0349	mg/L		VAS	Mon Mar 28 10:18:47 2011
6	U1	NO2	2.5977	mg/L		VAS	Mon Mar 28 10:21:06 2011
7	LCS	LCS	2.6124	mg/L		VAS	Mon Mar 28 10:23:21 2011
8	U2	LOW	0.0641	mg/L		VAS	Mon Mar 28 10:25:36 2011
9	U3	HI	5.3338	mg/L	x10.0000	VAS	Mon Mar 28 11:33:47 2011
10	U4	11C1432-1	0.1249	mg/L		VAS	Mon Mar 28 10:30:08 2011
11	DUP	DUP	0.2475	mg/L		VAS	Mon Mar 28 10:32:24 2011
12	SPK	SPK	4.5158	mg/L		VAS	Mon Mar 28 11:36:02 2011
	CCV	C C V	2.4091	mg/L		VAS	Mon Mar 28 10:36:55 2011
	CCB	C C B	-0.0486	mg/L		VAS	Mon Mar 28 10:39:11 2011
13	U5	11C1255-39	-0.0653ELL	mg/L		VAS	Mon Mar 28 10:41:26 2011
14	U6	11C1255-40	-0.0647ELL	mg/L		VAS	Mon Mar 28 10:43:41 2011
15	U7	11C1255-41	-0.0637ELL	mg/L		VAS	Mon Mar 28 10:45:56 2011
16	U8	11C1255-07	-0.0656ELL	mg/L		VAS	Mon Mar 28 10:48:15 2011
17	U9	11C1255-8	-0.0658ELL	mg/L		VAS	Mon Mar 28 10:50:33 2011
18	U10	11C1255-9	-0.0649ELL	mg/L		VAS	Mon Mar 28 10:52:51 2011
19	U11	11C1374-1	0.1593	mg/L		VAS	Mon Mar 28 10:55:06 2011
20	U12	11C1374-2	0.1617	mg/L		VAS	Mon Mar 28 10:57:21 2011
21	U13	11C1375-1	-0.0299	mg/L		VAS	Mon Mar 28 10:59:36 2011
22	U14	11C1405-1	-0.0623ELL	mg/L		VAS	Mon Mar 28 11:01:51 2011
23	DUP	DUP	-0.0622	mg/L		VAS	Mon Mar 28 11:04:06 2011
24	SPK	SPK	4.6121	mg/L		VAS	Mon Mar 28 11:38:17 2011
	CCV	C C V	2.5837	mg/L		VAS	Mon Mar 28 11:40:33 2011
	CCB	C C B	-0.0469	mg/L		VAS	Mon Mar 28 11:42:48 2011
25	U15	11C1491-1	0.0442	mg/L		VAS	Mon Mar 28 11:45:04 2011
26	U16	11C1474-1	36.2450	mg/L	x10.0000	VAS	Mon Mar 28 13:14:01 2011
27	U17	11C1441-2	0.4203	mg/L	x2.0000	VAS	Mon Mar 28 11:49:34 2011
28	U18	11C1441-6	4.5931	mg/L	x2.0000	VAS	Mon Mar 28 11:51:52 2011
29	U19	11C1441-4	0.1709	mg/L	x2.0000	VAS	Mon Mar 28 11:54:10 2011
30	U20	11C1441-7	0.0081	mg/L	x2.0000	VAS	Mon Mar 28 11:56:25 2011
31	U21	11C1441-5	0.3116	mg/L	x2.0000	VAS	Mon Mar 28 11:58:40 2011
32	U22	11C1441-3	-0.0519	mg/L	x2.0000	VAS	Mon Mar 28 12:01:00 2011
33	U23	11C1441-1	0.0222	mg/L	x2.0000	VAS	Mon Mar 28 12:03:15 2011
34	MB	MB	-0.0465	mg/L		VAS	Mon Mar 28 12:05:30 2011
35	LCS	LCS	2.6715	mg/L		VAS	Mon Mar 28 12:07:45 2011
	CCV	C C V	2.4414	mg/L		VAS	Mon Mar 28 12:10:00 2011
	CCB	C C B	-0.0480	mg/L		VAS	Mon Mar 28 12:12:16 2011
36	U24	11C1469-1	-0.0698ELL	mg/L		VAS	Mon Mar 28 12:14:31 2011
37	DUP	DUP	-0.0804	mg/L		VAS	Mon Mar 28 13:40:19 2011
38	SPK	SPK	21.4647	mg/L	x10.0000	VAS	Mon Mar 28 13:41:20 2011
39	U25	11C1468-6	1.6636	mg/L		VAS	Mon Mar 28 12:21:23 2011
40	U26	11C1521-1	13.3999	mg/L	x10.0000	VAS	Mon Mar 28 13:16:02 2011
41	U27	11C1461-1	4.9783	mg/L	x2.0000	VAS	Mon Mar 28 13:17:03 2011
42	U28	11C1499-1	-0.0326	mg/L		VAS	Mon Mar 28 12:28:07 2011
43	U29	11C1499-2	0.5223	mg/L		VAS	Mon Mar 28 12:30:21 2011
44	U30	11C1499-3	274.5812	mg/L	x100.0000	VAS	Mon Mar 28 12:32:36 2011
45	U31	11C1499-4	365.2401	mg/L	x100.0000	VAS	Mon Mar 28 12:34:50 2011
	CCV	C C V	2.6835	mg/L		VAS	Mon Mar 28 12:37:09 2011
	CCB	C C B	-0.0504	mg/L		VAS	Mon Mar 28 12:39:27 2011
46	U32	11C1499-5	0.1405	mg/L		VAS	Mon Mar 28 12:41:46 2011
47	U33	11C1499-6	0.7299	mg/L		VAS	Mon Mar 28 12:42:47 2011
48	U34	11C1499-7	0.3115	mg/L		VAS	Mon Mar 28 12:43:47 2011
49	U35	11C1499-8	0.2473	mg/L		VAS	Mon Mar 28 12:44:48 2011
50	U36	11C1510-1	0.6121	mg/L		VAS	Mon Mar 28 12:45:48 2011
51	DUP	DUP	0.5665	mg/L		VAS	Mon Mar 28 12:46:49 2011
52	SPK	SPK	2.6606	mg/L		VAS	Mon Mar 28 12:47:50 2011
	CCV	C C V	2.3770	mg/L		VAS	Mon Mar 28 12:48:51 2011
	CCB	C C B	-0.0650	mg/L		VAS	Mon Mar 28 12:49:52 2011
	CCB	CONTROL 12	-0.0652	mg/L			Mon Mar 28 13:18:03 2011
	CCV	CONTROL 11	2.7017	mg/L			Mon Mar 28 13:19:04 2011
	CCB	CONTROL 12	-0.0627	mg/L			Mon Mar 28 13:20:05 2011
	CCV	CONTROL 11	2.3959	mg/L			Mon Mar 28 13:21:06 2011
	CCB	CONTROL 12	-0.0651	mg/L			Mon Mar 28 13:38:17 2011
	CCV	CONTROL 11	2.6451	mg/L			Mon Mar 28 13:39:18 2011

CCB	CONTROL 12	-0.0747	mg/L	Mon Mar 28 13:42:21 2011
CCV	CONTROL 11	2.5826	mg/L	Mon Mar 28 13:43:22 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114067 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/29/2011 11:13 1114067

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114067-BLK1	Blank	1	1		|	
1114067-BS1	LCS	1	1		1 |	
1114067-DUP1	Duplicate [11C1581-01]	1	1		|	
11C1255-03	GL-03 (-3)	1	1	04/04/20		
11C1255-04	GL-03 (-16)	1	1	04/04/20		
11C1255-16	GL-18 (-3)	1	1	04/04/20		
11C1255-17	GL-18 (-33)	1	1	04/04/20		
11C1255-44	Duplicate	1	1	04/04/20		
11C1581-01	22310001 000049JN	1	1	04/04/20		
11C1582-01	22320001 000049L3	1	1	04/04/20		

Standard(s):
ML00205 Turbidity Std 10.0 1uL or ug

Reagent ID# Description Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/29/2011 11:13 1114067

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?	X		✓	
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?			✓	

Will hold times

Analyst 3/29/11 Date

Reviewed By 3/29/11 Date

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010

Date: 3/29/11 Time: 1355 Analyst: BMC

40 NTU Standard	Chemical #:	MF02819	Expiration Date: 6/30/11
10 NTU Calibration Standard	Chemical #:	ML00205	Expiration Date: 11/30/11
1.0 NTU Standard	Chemical #:	ML00206	Expiration Date: 11/1/11
0.2 NTU Standard	Chemical #:	MF02818	Expiration Date: 6/30/11
1000 NTU Standard	Chemical #:	MG00913	Expiration Date: 7/31/11

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00		
10 Cal. Check (ICV)	10.41		
40 NTU	39.7		
1 NTU	0.99		
0.2 NTU	0.19		
1000 NTU	648		
11C1580-01	0.36		
Dup	0.37		
11C1582-01	0.00		3/29/11 @ 1530
11C1255-03	0.43		
-04	10.77		CCV: 10.14
-16	0.61		CCB: 0.00
-17	347		-17 (20X dilution): 19.5
-44	0.83		CCV: 10.13
			CCB: 0.00
CCB	0.00		
CCV (10 NTU)	10.02		
DUP			
CCB			BMC 3/29/11
CCV (10 NTU)			

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010

1st Tier					2nd Tier			
Initials/Date: 3/29/11 BMC					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was standard verified and documented?	✓							
Was method blank ≤ 0.05 NTU?	✓							
If no, was blank reanalyzed with fresh sample?			✓					
Were all samples analyzed within holding time (48 hours)?	✓	✓						
If no, were results footnoted in notebook and LIMS?	✓							
Are all Chemical and solution # documented?	✓							
Were all standards within expiration date?	✓							
Was 10 NTU Calibration Check recovery within 95-105%	✓							
If not, was instrument recalibrated?			✓					
Was 40 NTU LCS within acceptance limits?	✓							
Was 1.0 NTU LCS within acceptance limits?	✓							
Was low check within acceptance limits?	✓							
Was a duplicate performed every 10 samples?	✓							
Was RPD within acceptance limits?	✓							
Was a CCB and CCV analyzed after every 10 samples?	✓							
Was a CCB and CCV analyzed after the last sample?	✓							
Were all CCBs and CCVs acceptable?	✓							
Was all QC data charted?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments/ Tier 1: _____

Comments/ Tier 2: _____

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114087 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/29/2011 07:31 1114087

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep No2

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114087-BLK1	Blank	1	1		|	
1114087-BS1	LCS	1	1		1000 |	
1114087-DUP1	Duplicate [11C1255-03]	1	1		|	
1114087-MS1	Matrix Spike [11C1255-03]	1	1		400 |	
11C1255-03	GL-03 (-3)	1	1	03/30/20		
11C1255-04	GL-03 (-16)	1	1	03/30/20		
11C1255-16	GL-18 (-3)	1	1	03/30/20		
11C1255-17	GL-18 (-33)	1	1	03/30/20		
11C1255-44	Duplicate	1	1	03/30/20		

Standard(s):

MC10804	NO2 Matrix Spike, 5ppm	400uL or ug
MC10805	NO2, LCS/CCV, 0.5ppm	1000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/29/2011 07:31 1114087

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By 3/30/11 Date

SEAL: Nitrite #1114037

EPA 353.2

Control #: 50-467
Effective Date: 8/19/2010
Page: 1 of 1

Date/time Started: 3/29/11 Analyst VKJ

Reagent/Standard	Chemical #	Expiration Date	Reagent Position
Calibration Std (1mg-N/L)	MC 10803	4/8/11	
Matrix Spike (5mg-N/L)	MC 10804	4/8/11	
ICV/CCV/LCS (0.5mg-N/L)	MC 10805	4/8/11	9
CCB (DI Water)			1
Low Check Std (0.05mg-N/L)	MC 10806	4/8/11	
Sulfanilamide Color Reagent	All attached		10
Ammonium Chloride Buffer			11

Tier 1 Review:					Tier 2 Review:			
Analyst/Date: VKJ 3/29/11					Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <0.005 ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Cup dilution preparation documented?	✓							

Comments:

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 08:21 Tuesday 29th March 2011
Tray Number: 1
Tray Name: NO2_110329A

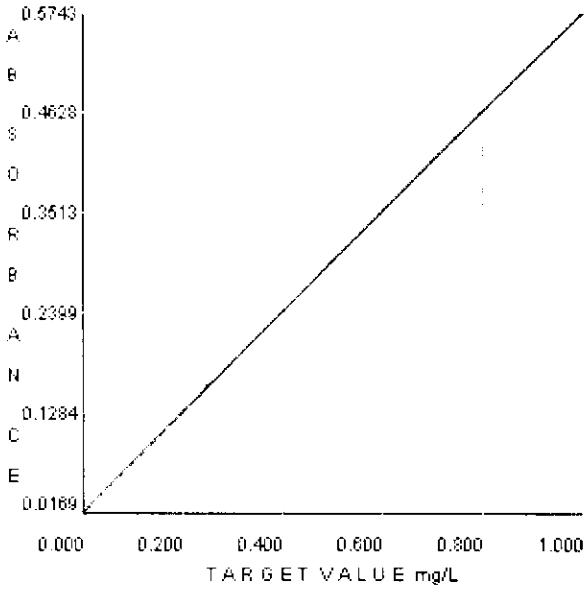
Nitrite 1.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0169	-0.0017	0.0000	
S90	0.0235	0.0102	0.0125	-18.5723
S91	0.0453	0.0493	0.0500	-1.4372
S92	0.0742	0.1012	0.1000	1.2128
S93	0.1591	0.2536	0.2500	1.4368
S94	0.2979	0.5029	0.5000	0.5718
S95	0.4344	0.7480	0.7500	-0.2687
S96	0.5743	0.9991	1.0000	-0.0872
S0	0.0202	0.0042	0.0000	

Polynomial Order: 1
Correlation Coefficient: 1.0000
Carryover: 0.6
Date & Time: Tue Mar 29 07:41:46 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
	S1	STANDARD 1	0.0169				VAS	Tue Mar 29 07:31:06 2011
	S90	STANDARD 90	0.0235				VAS	Tue Mar 29 07:32:25 2011
	S91	STANDARD 91	0.0453				VAS	Tue Mar 29 07:33:44 2011
	S92	STANDARD 92	0.0742				VAS	Tue Mar 29 07:35:07 2011
	S93	STANDARD 93	0.1591				VAS	Tue Mar 29 07:36:25 2011
	S94	STANDARD 94	0.2979				VAS	Tue Mar 29 07:37:47 2011
	S95	STANDARD 95	0.4344				VAS	Tue Mar 29 07:39:09 2011
	S96	STANDARD 96	0.5743				VAS	Tue Mar 29 07:40:28 2011
	S0	STANDARD 0	0.0202				VAS	Tue Mar 29 07:41:46 2011
3	ICB	ICB	0.0024	mg/L			VAS	Tue Mar 29 07:43:05 2011
4	ICV	ICV	0.5326	mg/L			VAS	Tue Mar 29 07:44:26 2011

5	MB	MB	0.0022	mg/L		VAS	Tue Mar 29 07:45:49 2011
6	LCS	LCS	0.5406	mg/L		VAS	Tue Mar 29 07:46:47 2011
7	U1	LOW	0.0535	mg/L		VAS	Tue Mar 29 07:47:49 2011
8	U2	HI	0.9988	mg/L		VAS	Tue Mar 29 07:48:42 2011
9	U3	11C1255-3	1.3250	mg/L	x10.0000	VAS	Tue Mar 29 08:15:24 2011
10	DUP	DUP	1.2892	mg/L	x10.0000	VAS	Tue Mar 29 08:16:17 2011
11	SPK	SPK	3.2255	mg/L	x10.0000	VAS	Tue Mar 29 08:17:11 2011
12	U4	11C1255-4	0.0090	mg/L		VAS	Tue Mar 29 07:52:16 2011
	CCV	C C V	0.5017	mg/L		VAS	Tue Mar 29 07:53:10 2011
	CCB	C C B	0.0001	mg/L		VAS	Tue Mar 29 07:54:03 2011
13	U5	11C1255-16	-0.0019ELL	mg/L		VAS	Tue Mar 29 07:54:57 2011
14	U6	11C1255-17	0.0065	mg/L		VAS	Tue Mar 29 07:55:50 2011
15	U7	11C1255-44	1.3133	mg/L	x10.0000	VAS	Tue Mar 29 08:18:04 2011
	CCV	C C V	0.4976	mg/L		VAS	Tue Mar 29 07:57:37 2011
	CCB	C C B	0.0033	mg/L		VAS	Tue Mar 29 07:58:31 2011
	CCB	CONTROL 12	0.0058	mg/L			Tue Mar 29 08:13:36 2011
	CCV	CONTROL 11	0.4965	mg/L			Tue Mar 29 08:14:30 2011
	CCB	CONTROL 12	-0.0005	mg/L			Tue Mar 29 08:18:58 2011
	CCV	CONTROL 11	0.4931	mg/L			Tue Mar 29 08:19:52 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114089 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/29/2011 09:08 1114089

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114089-BLK1	Blank	1	1		|	
1114089-BLK2	Blank	1	1		|	
1114089-BS1	LCS	1	1		2.5 |	
1114089-BS2	LCS	1	1		1 |	
1114089-DUP1	Duplicate [11C1582-01]	1	1		|	
1114089-MS1	Matrix Spike [11C1582-01]	1	1		20 |	
11C1255-03	GL-03 (-3)	1	1	03/30/20		
11C1255-04	GL-03 (-16)	1	1	03/30/20		
11C1255-16	GL-18 (-3)	1	1	03/30/20		
11C1255-17	GL-18 (-33)	1	1	03/30/20		
11C1255-44	Duplicate	1	1	03/30/20		
11C1513-01	001 Outfall	1	1	04/05/20		
11C1520-01	Influent	1	1	04/05/20		
11C1520-02	Effluent	1	1	04/05/20		
11C1561-01	MP801	1	1	04/06/20		
11C1562-01	MP 101	1	1	04/06/20		
11C1579-01	Whitely Option 1	1	1	04/06/20		
11C1579-02	Whitely Option 2	1	1	04/06/20		
11C1581-01	22310001 000049JN	1	1	04/04/20		
11C1582-01	22320001 000049L3	1	1	04/04/20		

Standard(s):

MC10837	NO3 Matrix Spike, 100ppm	20uL or ug
MC10843	NO3 LCS /ICV/CCV, 2.5ppm	1uL or ug
		2.5uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/29/2011 09:08 1114089

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Expired holdtimes

Analyst Date

Reviewed By 3/30/11 Date

SEAL: Nitrate
EPA 353.2 #111408 9-water

Control #: 30-464_2009
Effective Date: 10/9/2009
Page: 1 of 1

Date: 3/29/11 Analyst: VK

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5mg/L)	MC10534	4/8/11
Matrix Spike Std (100mg/L)	MC10537	4/8/11
NO_2 Std (1mg/L)	10541	4/8/11
ICV/CCV (2.5mg/L)	10543	4/8/11
CCB (DI Water)		
LCS (2.5mg-N/L)	10543	4/8/11
Low Check (0.1mg-N/L)	MC10538	4/8/11
Sulfanilamide Color Reagent	see attachm	
Ammonium Chloride Buffer		
Copper Sulfate Reagent		
Conc. HCl (if applicable)		

Cadmium Column Regenerated Before Run ☒

	1st Tier Review				2nd Tier Review			
Initials/Date: VK 3/29/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Calibration Curve:								
Was the correlation coefficient ≥0.995?	✓							
Was the ICV acceptable?	✓							
Was the method blank ≤ 0.025ppm?	✓							
Was the column efficiency between 90-110%? (see calculation below)	✓							
Was the Low check standard acceptable?	✓							
Was the LCS recovery acceptable?	✓							
Was the LCS and standards preserved?	✓							
Are any reagents or standards expired?		✓						
Are all standard and reagent solution #s documented?	✓							
Sample Analysis:								
Was preservation of all samples checked?	✓							
Were all preserved samples analyzed within 28 days?	✓							
Were all unpreserved samples analyzed within 48 hours?			✓					
Were duplicates performed every 10 samples?	✓							
Were RPDs within acceptance limits?	✓							
Were matrix spikes performed every 10 samples?	✓							
Were spike recoveries within acceptance limits?	✓							
CCVs run every 10 samples?	✓							
Were all CCVs acceptable? comment if recalibrated.	✓							
If CCV failed were samples up to the last acceptable CCVreanalyzed?			✓					
Was a check standard analyzed after the last sample in batch?	✓							
Were dilutions entered correctly?	✓							
Are all LIMS sample numbers documented?	✓							
Was data and detection limits accurately entered in the LIMS?	✓							

Column Efficiency (reduction efficiency): $\frac{NO_3abs - Blankabs}{NO_2abs - Blankabs} \times 100$ = 108%

Comments:

1582, 1581 was received post-hold time

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 11:46 Tuesday 29th March 2011
Tray Number: 2
Tray Name: NO3_110329A

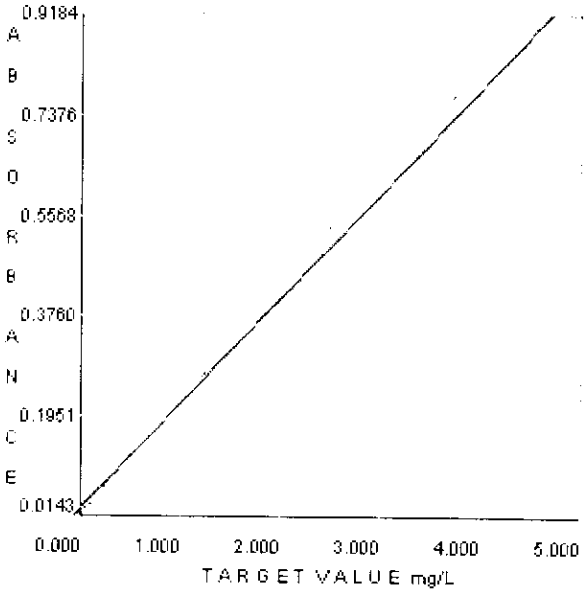
Nitrate 5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0143	-0.0612	0.0000	
S90	0.9184	4.7298	5.0000	-5.4045
S91	0.7730	3.9589	3.7500	5.5705
S92	0.5381	2.7143	2.5000	8.5720
S93	0.2687	1.2866	1.2500	2.9249
S94	0.1206	0.5021	0.5000	0.4215
S95	0.0676	0.2213	0.2500	-11.4979
S96	0.0355	0.0511	0.1000	-48.8532
S97	0.0253	-0.0029	0.0500	-105.7469
S0	0.0143	-0.0613	0.0000	

Polynomial Order: 1
Correlation Coefficient: 0.9968
Carryover: -0.3
Date & Time: Mon Mar 28 10:11:54 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	-0.0580	mg/L			VAS	Tue Mar 29 09:08:18 2011
4	ICV	ICV	2.6271	mg/L			VAS	Tue Mar 29 09:10:39 2011
5	MB	MB	-0.0617	mg/L			VAS	Tue Mar 29 09:12:57 2011
6	U1	NO2	2.3814	mg/L			VAS	Tue Mar 29 09:15:15 2011
7	LCS	LCS	2.5744	mg/L			VAS	Tue Mar 29 09:17:31 2011
8	U2	LOW	0.0863	mg/L			VAS	Tue Mar 29 09:19:47 2011
9	U3	HI	5.2648	mg/L	x10.0000		VAS	Tue Mar 29 10:21:01 2011
10	U4	11C1582-1	0.3337	mg/L			VAS	Tue Mar 29 09:24:18 2011
11	DUP	DUP	0.2592	mg/L			VAS	Tue Mar 29 09:26:34 2011
12	SPK	SPK	2.1947	mg/L			VAS	Tue Mar 29 09:28:49 2011
	CCV	C C V	2.6416	mg/L			VAS	Tue Mar 29 09:31:04 2011

	CCB	C C B	-0.0576	mg/L		VAS	Tue Mar 29 09:33:20 2011
13	U5	11C1520-1	4.1724	mg/L		VAS	Tue Mar 29 09:35:34 2011
14	U6	11C1520-2	21.0198	mg/L	x10.0000	VAS	Tue Mar 29 10:22:02 2011
15	U7	11C1513-1	4.0260	mg/L		VAS	Tue Mar 29 09:40:07 2011
16	U8	11C1579-1	407.1658	mg/L	x150.0000	VAS	Tue Mar 29 11:30:20 2011
17	U9	11C1579-2	435.1961	mg/L	x150.0000	VAS	Tue Mar 29 11:31:21 2011
18	U10	11C1562-1	-0.0090	mg/L		VAS	Tue Mar 29 09:46:55 2011
19	U11	11C1561-1	-0.0558	mg/L		VAS	Tue Mar 29 09:49:12 2011
20	U12	11C1255-3	3.4927	mg/L		VAS	Tue Mar 29 09:51:31 2011
21	U13	11C1255-4	-0.0760ELL	mg/L		VAS	Tue Mar 29 09:52:31 2011
22	U14	11C1255-16	-0.0771ELL	mg/L		VAS	Tue Mar 29 09:53:32 2011
	CCV	C C V	2.6245	mg/L		VAS	Tue Mar 29 09:54:32 2011
	CCB	C C B	-0.0673	mg/L		VAS	Tue Mar 29 09:55:33 2011
23	U15	11C1255-17	-0.0647ELL	mg/L		VAS	Tue Mar 29 09:56:34 2011
24	U16	11C1255-44	0.0952	mg/L		VAS	Tue Mar 29 09:57:34 2011
	CCV	C C V	2.7442	mg/L		VAS	Tue Mar 29 09:58:34 2011
	CCB	C C B	-0.0800	mg/L		VAS	Tue Mar 29 09:59:35 2011
	CCB	CONTROL 12	-0.0192	mg/L			Tue Mar 29 11:08:11 2011
	CCV	CONTROL 11	2.7092	mg/L			Tue Mar 29 11:09:12 2011
	CCB	CONTROL 12	-0.0705	mg/L			Tue Mar 29 11:10:13 2011
	CCV	CONTROL 11	2.4092	mg/L			Tue Mar 29 11:11:13 2011
	CCB	CONTROL 12	-0.0752	mg/L			Tue Mar 29 11:28:19 2011
	CCV	CONTROL 11	2.7681	mg/L			Tue Mar 29 11:29:20 2011
	CCB	CONTROL 12	-0.0694	mg/L			Tue Mar 29 11:32:21 2011
	CCV	CONTROL 11	2.7024	mg/L			Tue Mar 29 11:33:22 2011

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 12:49 Tuesday 29th March 2011
Tray Number: 1
Tray Name: NO3_110329B

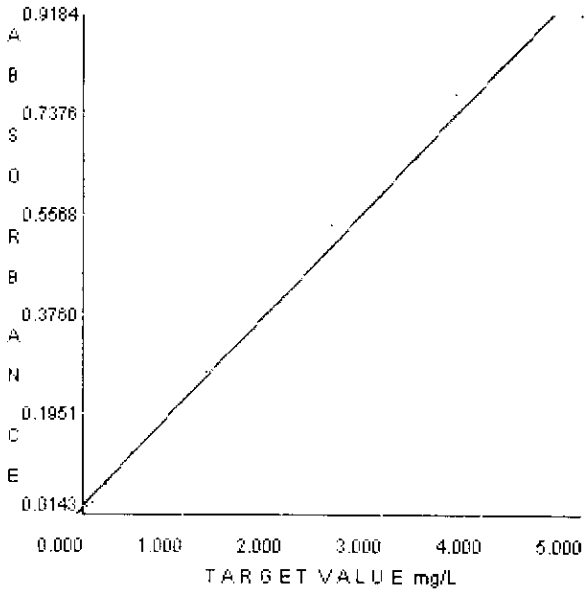
Nitrate 5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0143	-0.0612	0.0000	
S90	0.9184	4.7298	5.0000	-5.4045
S91	0.7730	3.9589	3.7500	5.5705
S92	0.5381	2.7143	2.5000	8.5720
S93	0.2687	1.2866	1.2500	2.9249
S94	0.1206	0.5021	0.5000	0.4215
S95	0.0676	0.2213	0.2500	-11.4979
S96	0.0355	0.0511	0.1000	-48.8532
S97	0.0253	-0.0029	0.0500	-105.7469
S0	0.0143	-0.0613	0.0000	

Polynomial Order: 1
Correlation Coefficient: 0.9968
Carryover: -0.3
Date & Time: Mon Mar 28 10:11:54 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	MB	MB	-0.0712	mg/L			VAS	Tue Mar 29 12:23:57 2011
4	LCS	LCS	2.4156	mg/L			VAS	Tue Mar 29 12:41:52 2011
5	U1	11C1581-1	-0.0561	mg/L			VAS	Tue Mar 29 12:42:52 2011
	CCV	C C V	2.4427	mg/L			VAS	Tue Mar 29 12:43:52 2011
	CCB	C C B	-0.0742	mg/L			VAS	Tue Mar 29 12:44:53 2011

Continuation of Run
Sample added after analysis started

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114123 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/30/2011 09:32 1114123

Prepared by: LCR

Prepared using: WetChem - WetChem_TDS_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114123-BLK1	Blank	1	1		|	
1114123-BS1	LCS	1	1		1000 |	
1114123-DUP1	Duplicate [11C1581-01]	1	1		|	
11C1255-03	GL-03 (-3)	1	1	04/04/20		
11C1255-04	GL-03 (-16)	1	1	04/04/20		
11C1255-16	GL-18 (-3)	1	1	04/04/20		
11C1255-17	GL-18 (-33)	1	1	04/04/20		
11C1255-44	Duplicate	1	1	04/04/20		
11C1572-02	002 3/27	1	1	03/31/20		
11C1581-01	22310001 000049JN	1	1	04/04/20		
11C1582-01	22320001 000049L3	1	1	04/04/20		

! /*%d*.1234

MC12215 %SOLIDS/TDS LCS, 2% 1000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/30/2011 09:32 1114123

Prepared by: LCR

Prepared using: WetChem - WetChem_TDS_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
! "#$%&#' "#( )						

+. /012 3045(+789: ; <	>8;	(4	($	(43B; (? @ /0A82; (+4B B 853; <
Calibration Coeficient Acceptable for all needed analytes?			—	
ICV recoveries acceptable?			—	
ICB concentrations < 1/2 MRL?			—	
HCV check recoveries acceptable?			—	
LCV recoveries acceptable?			—	
$5. /=; Q <				
Bracketing CCV recoveries acceptable?			—	
Bracketing CCB concentrations < 1/2 MRL?			—	
Method Blank concentrations < 1/2 MRL?	—			
LCS (BS) recoveries acceptable?	—			
Sample Duplicate RPDs acceptable?	—			
MS/MSD recoveries acceptable?			—	
MS/MSD RPDs acceptable?				
			—	

Lisa Razo 3-31-11

Analyst Date

Reviewed By 3/31/11 Date

Spiked batches

Total Dissolved Solids (TDS) by SM2540C

Analyst: LCR

Analyte: Total Dissolved Solid Units: mg/L

Batch ID: 1114123

Calculation: TDS (mg/L) = (Weight of Dry sample *1000000)/Volume of Sample (ml

Note: Final weight is the lessor of the 2nd and 3rd weighing

Note: Where samples are dried >18 hours, the first weighing is used for all weight values to calculate final result

Volume

INST

Oven	Date/Time IN	Date/ Time OUT
Dry Cycle #1:	3/30/2011 9:32	3/31/2011 7:00
Dry Cycle #2:	3/31/2011 7:00	3/31/2011 9:00
Dry Cycle #3:	3/31/2011 9:30	3/31/2011 10:30

B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Beaker #	SampID	Client ID	SampType	Beaker Tare Weight (g)	Sample Volume (ml)	Initial Time of Filtration	Dry Beaker &Sample 1st Weighing (gms)	Dry Beaker &Sample 2nd Weighing (gms)	Dry Beaker & Sample 3rd Weighing (gms)	Dry Residue Weight OK >18 & <200 mg	Value mg/L TDS	Unadj. mg/L TDS	Dil Factor	Comments
1	1114123-BLK1	-	Blank	113.9201	100	3/30/2011 9:32	113.9205	113.9205		0.000404358	4.043579102	404.3579102	0.01	
2	1114123-BS1	-	LCS	112.4517	10	3/30/2011 9:32	112.6485	112.6485		0.196800232	19680.02344	196800.2344	0.100000001	
3	1114123-DUP1	11C1581-01	Duplicate	113.8501	25	3/30/2011 9:32	113.9131	113.9131		0.06300354	2520.141602	63003.54297	0.039999999	4320
4	11C1255-03	GL-03 (-3)	Sample	113.924	100	3/30/2011 9:32	113.9639	113.9639		0.059998378	599.9837646	59998.37891	0.01	1820
5	11C1255-04	GL-03 (-16)	Sample	112.3355	50	3/30/2011 9:33	112.3968	112.3968		0.061294556	1225.891113	61294.55859	0.02	2040
6	11C1255-16	GL-18 (-3)	Sample	113.9367	50	3/30/2011 9:33	114.0237	114.0237		0.086997986	1739.959717	86997.98438	0.02	2520
7	11C1255-17	GL-18 (-33)	Sample	111.5106	25	3/30/2011 9:33	111.5879	111.5879		0.077301025	3092.041016	77301.02344	0.039999999	5980
8	11C1235-44	Duplicate	Sample	112.0842	100	3/30/2011 9:33	112.1431	112.1431		0.058898926	588.9892578	58898.92578	0.01	1780
9	11C1572-02	2 1/9	Sample	111.845	10	3/30/2011 9:34	111.8668	111.8668		0.02179718	2179.718018	21797.17969	0.100000001	
10	11C1581-01	22310001 000049.IN	Sample	112.1404	25	3/30/2011 9:34	112.2001	112.2001		0.059700012	2388.000488	59700.01172	0.039999999	4320
11	11C1582-01	22320001 000049L3	Sample	112.2839	25	3/30/2011 9:34	112.3419	112.3419		0.058006287	2320.251465	58006.28906	0.039999999	4210
	REWEIGH						112.3419	112.342						

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114154 **Matrix:** Water **Department:** Metals

PREPARATION BENCH SHEET

1114154

Sequence: MID0402

Prepared: 03/30/2011 12:23
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division
Prepared using: Metals - EPA 200.2 ICP

Calibration:

Printed: 4/1/2011 9:52:55AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1114154-BLK1		50	50				
1114154-BS1		50	50	MK00811		500	
1114154-DUP1		50	50		11C1255-03		
1114154-MS1		50	50	MK00811	11C1255-03	500	
1114154-MSD1		50	50	MK00811	11C1255-03	500	
11C1255-03	04/04/2011 15:00	50	50				Straight & 5X
Severstal Sparrows Point			GL-03 (-3)				
M_Na_ICP	*D_Fe_ICP*		*M_Ca_ICP*	*M_Mg_ICP*	*M_K_ICP*	*D_Mg_ICP*	*D_Ca_ICP* *M_Fe_ICP*
D_K_ICP	*D_Na_ICP*						
11C1255-04	04/04/2011 15:00	50	50				
Severstal Sparrows Point			GL-03 (-16)				5X 10X
M_Fe_ICP	*M_Mg_ICP*		*M_K_ICP*	*M_Ca_ICP*	*M_Na_ICP*		
11C1255-16	04/04/2011 15:00	50	50				
Severstal Sparrows Point			GL-18 (-3)				5X 10X
M_Fe_ICP	*M_Mg_ICP*		*M_K_ICP*	*M_Ca_ICP*	*M_Na_ICP*		
11C1255-17	03/30/2011 15:00	50	50				
Severstal Sparrows Point			GL-18 (-33)				5X 10X
M_Ca_ICP	*M_Mg_ICP*		*M_Fe_ICP*	*M_K_ICP*	*M_Na_ICP*		
11C1255-42	04/04/2011 15:00	50	50				
Severstal Sparrows Point			GL-12 (-17) Dissolved				5X 10X
D_Ca_ICP	*D_Na_ICP*		*D_Mg_ICP*	*D_Fe_ICP*	*D_K_ICP*		
11C1255-43	04/04/2011 15:00	50	50				
Severstal Sparrows Point			GL-12 (-3) Dissolved				5X straight & 10X
D_Na_ICP	*D_Fe_ICP*		*D_Ca_ICP*	*D_Mg_ICP*	*D_K_ICP*		
11C1255-44	04/04/2011 15:00	50	50				
Severstal Sparrows Point			Duplicate				5X
M_K_ICP	*M_Na_ICP*		*M_Fe_ICP*	*M_Ca_ICP*	*M_Mg_ICP*		

1-49,51-86,92-95,144

PREPARATION BENCH SHEET

1114154

Sequence: MIB0402

Prepared: 03/30/2011 12:23
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division
Prepared using: Metals - EPA 200.2 ICP

Calibration:

Printed: 4/1/2011 9:52:55AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?	✓			
LCV recoveries acceptable?	✓		✓	
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓		✓	See PS for Catalog
MS/MSD RPDs acceptable?	✓			

AJ 4/4/11
Analyst Date

BJ 4/4/11
Reviewed By Date

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114155 **Matrix:** Water **Department:** Metals

PREPARATION BENCH SHEET

1114155

Sequence: M1D0103

Calibration: M1D0002

Prepared: 03/30/2011 12:25
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICPMS

Printed: 3/31/2011 7:31:12AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1114155-BLK1		50	50				(Dilutions) Mn Re SEQ: M1D0105
1114155-BS1		50	50	MK00811		100	
1114155-DUP1		50	50		11C1255-03		Re SEQ: M1D0106
1114155-DUP2		50	50		11C1255-03		Dilution Test-5X
1114155-MS1		50	50	MK00811	11C1255-03	100	
1114155-MSD1		50	50	MK00811	11C1255-03	100	
1114155-PS1		10	10	MC12822	11C1255-03	100	[Spk] 50mL->50mL; 10mL->10mL; Spiked 10mL
11C1255-03	04/04/2011 15:00	50	50				
Severstal Sparrows Point			GL-03 (-3)				
M_Tl_ICPMS	*M_As_ICPMS*	*M_Ba_ICPMS*	*M_Be_ICPMS*	*M_Cd_ICPMS*	*M_Co_ICPMS*	*M_Cr_ICPMS*	*M_Cu_ICPMS*
M_Mn_ICPMS	*M_Ag_ICPMS*	*M_Sb_ICPMS*	*M_Pb_ICPMS*	*M_V_ICPMS*	*M_Zn_ICPMS*	*M_Ni_ICPMS*	*D_Cd_ICPMS*
D_Zn_ICPMS	*D_As_ICPMS*	*D_Ba_ICPMS*	*M_Se_ICPMS*	*D_Be_ICPMS*	*D_Ag_ICPMS*	*D_Cr_ICPMS*	*D_Tl_ICPMS*
D_Mn_ICPMS	*D_Ni_ICPMS*	*D_Pb_ICPMS*	*D_Sb_ICPMS*	*D_Se_ICPMS*	*D_Cu_ICPMS*	*D_V_ICPMS*	
11C1255-04	04/04/2011 15:00	50	50				
Severstal Sparrows Point			GL-03 (-16)				
M_Ni_ICPMS	*M_Pb_ICPMS*	*M_Sb_ICPMS*	*M_Se_ICPMS*	*M_Zn_ICPMS*	*M_V_ICPMS*	*M_Co_ICPMS*	*M_Tl_ICPMS*
M_Cr_ICPMS	*M_Cd_ICPMS*	*M_Be_ICPMS*	*M_Ba_ICPMS*	*M_As_ICPMS*	*M_Ag_ICPMS*	*M_Mn_ICPMS*	*M_Cu_ICPMS*
11C1255-16	04/04/2011 15:00	50	50				
Severstal Sparrows Point			GL-18 (-3)				
M_As_ICPMS	*M_Se_ICPMS*	*M_Ni_ICPMS*	*M_Mn_ICPMS*	*M_Cu_ICPMS*	*M_Cr_ICPMS*	*M_Co_ICPMS*	*M_Cd_ICPMS*
M_Ba_ICPMS	*M_Ag_ICPMS*	*M_Sb_ICPMS*	*M_Be_ICPMS*	*M_Tl_ICPMS*	*M_V_ICPMS*	*M_Zn_ICPMS*	*M_Pb_ICPMS*
11C1255-17	04/04/2011 15:00	50	50				
Severstal Sparrows Point Re @ 50X			GL-18 (-33)				
M_Mn_ICPMS	*M_Zn_ICPMS*	*M_V_ICPMS* Re	*M_Tl_ICPMS*	*M_Se_ICPMS*	*M_Sb_ICPMS*	*M_Ni_ICPMS* Re	*M_Ba_ICPMS*
M_Pb_ICPMS	*M_As_ICPMS*	*M_Cu_ICPMS*	*M_Be_ICPMS*	*M_Cd_ICPMS*	*M_Co_ICPMS* Re	*M_Cr_ICPMS*	*M_Ag_ICPMS*
11C1255-42	04/04/2011 15:00	50	50				
Severstal Sparrows Point Re @ 50X			GL-12 (-17) Dissolved				
D_Mn_ICPMS	*D_Tl_ICPMS*	*D_V_ICPMS*	*D_Se_ICPMS*	*D_Sb_ICPMS*	*D_Pb_ICPMS*	*D_Ni_ICPMS* Re	*D_Cr_ICPMS*
D_Cd_ICPMS	*D_Be_ICPMS*	*D_Ba_ICPMS*	*D_As_ICPMS*	*D_Ag_ICPMS*	*D_Zn_ICPMS*	*D_Cu_ICPMS* Re	

PREPARATION BENCH SHEET

1114155

Sequence:

Calibration:

Prepared: 03/30/2011 12:25
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICPMS

Printed: 3/31/2011 7:31:12AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
11C1255-43	04/04/2011 15:00	50	50				
Severstal Sparrows Point			GL-12 (-3) Dissolved				

D_Sb_ICPMS *D_Zn_ICPMS* *D_V_ICPMS* *D_Se_ICPMS* *D_Pb_ICPMS* *D_Ni_ICPMS* *D_Mn_ICPMS* *D_Cr_ICPMS*
D_Cd_ICPMS *D_Be_ICPMS* *D_Ba_ICPMS* *D_As_ICPMS* *D_Ag_ICPMS* *D_Tl_ICPMS* *D_Cu_ICPMS*

11C1255-44	04/04/2011 15:00	50	50				
Severstal Sparrows Point			Duplicate				

M_V_ICPMS *M_Ni_ICPMS* *M_Pb_ICPMS* *M_Sb_ICPMS* *M_Mn_ICPMS* *M_Tl_ICPMS* *M_Be_ICPMS* *M_Se_ICPMS*
M_Cu_ICPMS *M_Cr_ICPMS* *M_Cd_ICPMS* *M_Ba_ICPMS* *M_As_ICPMS* *M_Ag_ICPMS* *M_Zn_ICPMS* *M_Co_ICPMS*

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?		✓		Sb↑ - V↓
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?		✓		CCV#3 Be↑ - V↓ / CCV#4 - (1)
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓			

Analyst — Date 4/1/11

Reviewed By — Date 4/1/11

(1) Cu, Mn, Ni Corrigh. Reanalyzed all effected samples. → all POFs in Set MID103

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114166 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/30/2011 10:55 1114166

Prepared by: LCR

Prepared using: WetChem - WetCem_SO4_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114166-BLK1	Blank	25	25		|	
1114166-BS1	LCS	25	25		500 |	
1114166-DUP1	Duplicate [11C1255-41]	25	25		|	
1114166-MS1	Matrix Spike [11C1255-41]	25	25		12500 |	
11C1255-03	GL-03 (-3)	25	25	04/04/20		
11C1255-04	GL-03 (-16)	25	25	04/04/20		
11C1255-32	GL-12 (-3)	25	25	04/04/20		
11C1255-33	GL-10 (-1)	25	25	04/04/20		
11C1255-34	GL-10 (-31)	25	25	04/04/20		
11C1255-36	GL-14 (+1)	25	25	04/04/20		
11C1255-37	GL-13 (+1)	25	25	04/04/20		
11C1255-39	GL-11 (-1)	25	25	04/04/20		
11C1255-41	GL-08 (-3)	25	25	04/04/20		
11C1255-44	Duplicate	25	25	04/04/20		

! /*%d*.1234		
MA02203	Sulfate Stock Standard 1000ppm	500uL or ug
MF02303		12500uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/30/2011 10:55 1114166

Prepared by: LCR

Prepared using: WetChem - WetCem_SO4_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
! "#$%&#' "#( )						

+. /012 3456789: ; <	>8;	(4	($	(43; ?@ /0A2; B C4B B 853; <
Calibration Coeficient Acceptable for all needed analytes?				
ICV recoveries acceptable?				
ICB concentrations < 1/2 MRL?				
HCV check recoveries acceptable?				
LCV recoveries acceptable?				
$5. /=; Q <				
Bracketing CCV recoveries acceptable?				
Bracketing CCB concentrations < 1/2 MRL?				
Method Blank concentrations < 1/2 MRL?				
LCS (BS) recoveries acceptable?				
Sample Duplicate RPDs acceptable?				
MS/MSD recoveries acceptable?				
MS/MSD RPDs acceptable?				

Analyst 3/30/11 Date

Reviewed By 3/30/11 Date

Sulfate

EPA 375.4/SW846 9038

Checklist: Dept. 50-158
Effective Date: 9/27/2010
Page: 1 of 2

Date: 3/30/11 Analyst: JCW

Standard/Spike Stock Solution: Chemical #: MA02303 Expiration Date: 3-12-12

Calibration Standards: Solution #: _____ Expiration Date: _____

LCS Stock Solution: Chemical #: MA02203 Expiration Date: 9-18-11

Conditioning Reagent: Solution #: _____ Expiration Date: _____

Barium Chloride: Chemical #: MA11204

Spectrophotometer: Cecil CE 2041; SN 125-733

Printout #	Sample ID	Dilution g Sample	Dilution mL DI Water	Dilution Factor	Notes
1	Method Blank	25		1	
2	Low Check Std (5ppm)	25		1	
3	High Check Std (40ppm)	25		1	
4	LCS (20ppm)	25		1	
5	11-C1955-A1	2	48	X25	
6	Dup	2	48	X25	
7	Matrix Spike	2	48	X25	
8	32	5	45	X10	
9	42	10	40	X5	
10	39	10	40	X5	
11	36	25	25	X2	
12	37	5	45	X10	
13	34			X1	
14	33	10	40	X5	
15	03	10	40	X5	
16	04	10	40	X5	
17	CCV (20 ppm)	25		1	
18	CCB	25		1	
19					
20	Dup				
21	Matrix Spike				
22					
23					
24					
25					
26					
27					

Sulfate
EPA 375.4/SW846 9038

Printout #	Sample ID	Dilution g Sample	Dilution mL DI Water	Dilution Factor	Notes
28					
29					
30					
31	Method Blank	25		1	
32	LCS (20ppm)	25		1	
33					
34	Dup				
35	Matrix Spike				
36					
37					
38					
39					
40					
41					
42					
43					
44					
45	CCV (20 ppm)	25		1	
46	CCB	25		1	

LW 3/30/11

	Tier 1 Review				Tier 2 Review			
Analyst/Date: LW 3/30/11	Yes	No	NA	Notes	Analyst/Date: Yes	No	NA	Notes
Calibration:								
Does curve span from 1 to 40ppm at 5ppm increments?	✓							
Was curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 90-110%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical/solution # documented?	✓							
Were all reagents within expiration dates?	✓							
Was method blank <0.5ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates analyzed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Were 10% of the samples matrix spiked?	✓							
Were matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after ever 10 samples?	✓							
Was ABS measured on 1 sample every 30 sec for 4 min?	✓							
Was a check standard analyzed after last sample?	✓							
Were all IDS and absorbencies transcribed correctly?	✓							

INITIAL CALIBRATION WORKSHEET

Import Spec. - WC_Water

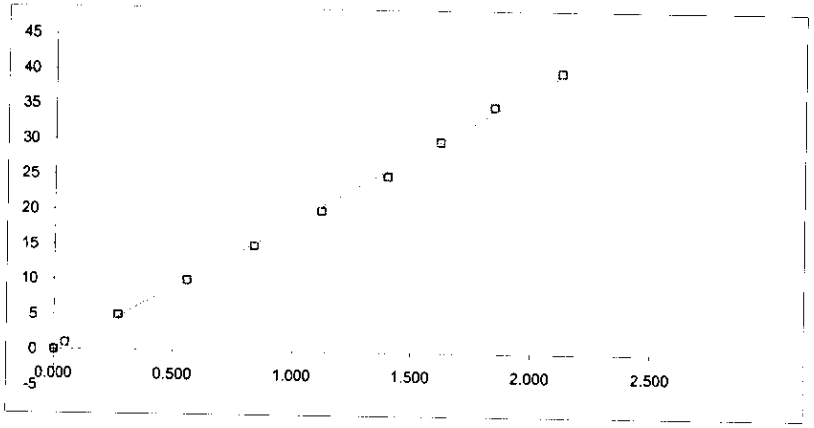
Initial Calibration Date: 3/21/2011 **Test Code:** SO4_WW
Analyst: LCR **Prep Date/Time:** 3/30/2011 10:55
Analysis Date/Time: 3/30/2011 11:27
Analyte: Sulfate **Units:** mg/L
by EPA 375.4/SW846 9038

[illegible]	[illegible]	[illegible]	[illegible] (%)
0.003	0	-0.305	
0.050	1	0.577	57.73
0.274	5	4.784	95.68
0.558	10	10.118	101.18
0.834	15	15.302	102.01
1.122	20	20.711	103.55
1.400	25	25.932	103.73
1.620	30	30.064	100.21
1.844	35	34.270	97.92
2.125	40	39.548	98.87

Omega Batch ID:_____

LINEAR EQUATION
y=a+bx

a=	0.0192635
b=	0.0532451
r=	0.9993056



INITIAL CALIBRATION WORKSHEET

Initial Calibration Date: 3/21/2011 **Test Code:** SO4_WW
Analyst: LCR **Prep Date/Time:** 3/29/2011 10:55
Analysis Date/Time: 3/30/2011 11:27
Analyte: Sulfate **Units:** mg/l
by EPA 375.4/SW846 9038

A	B	C	E	F	G	H	I	J	K	L	M	N	O	P	Q
	Import Spec. - WC_Water														
	Printout #	SampID	SampType	Response 0.004	DF	PrepDate	AnalDate	Units	TestCode	Analyte	Spike (ppm)	RawVal	Final Conc.	Conc. (ppm)	Recovery or RPD
61	1	Method Blank	MBLK	0.004	1	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		-0.287	-0.287	ND	
62	2	Low Chk (5 ppm)	LCS1	0.287	1	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate	5	5.028	5.028	5.028	100.57%
63	3	High Chk (40 ppm)	LCS2	2.025	1	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate	40	37.670	37.670	37.670	94.17%
64	4	LCS (20 ppm)	LCS	1.180	1	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate	20	21.800	21.800	21.800	109.00%
65	5	11C1255-41	SAMP	0.898	25	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		16.504	412.590	412.590	
66	6	DUP	DUP	0.926	25	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		17.029	425.737	425.737	3.14%
67	7	MS	MS	1.868	25	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate	500	34.721	868.031	868.031	91.09%
68	8	11C1255-32	SAMP	1.390	10	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		25.744	257.439	257.439	
69	9	11C1255-44	SAMP	1.286	5	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		23.791	118.953	118.953	
70	10	11C1255-39	SAMP	1.698	5	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		31.528	157.642	157.642	
71	11	11C1255-36	SAMP	0.900	2	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		16.541	33.082	33.082	
72	12	11C1255-37	SAMP	1.110	10	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		20.485	204.852	204.852	
73	13	11C1255-34	SAMP	0.824	1	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		15.114	15.114	15.114	
74	14	11C1255-33	SAMP	0.997	5	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		18.363	91.815	91.815	
75	15	11C1255-03	SAMP	1.002	5	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		18.457	92.284	92.284	
76	16	11C1255-04	SAMP	0.912	5	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		16.767	83.833	83.833	
77	17	CCV #1(20ppm)	CCV	1.020	1	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate	20	18.795	18.795	18.795	93.97%
78	18	CCB #1	CCB	0.000	1	3/29/2011 10:55	3/30/2011 11:27	mg/L	SO4_WW	Sulfate		-0.362	-0.362	ND	

Development 420.2 mm

Sample	Pressure	Time
	psi	
1	1.288	11:27:45
2	1.092	11:29:16
3	-0.002	11:25:46
4	1.000	11:29:16
5	1.004	11:29:45
6	1.000	11:30:17
7	-0.001	11:30:44
8	1.000	11:31:16
9	1.077	11:31:47
10	1.075	11:32:16
11	1.079	11:32:47
12	1.288	11:33:16
13	1.081	11:33:47
14	1.086	11:34:11
15	1.135	11:34:45
16	1.130	11:35:47
17	.912	11:35:47
18	1.086	11:36:05
19	1.085	11:36:31
20	1.085	11:36:47
21	1.089	11:37:16
22	1.110	11:37:47
23	1.112	11:38:13
24	1.105	11:38:43
25	1.054	11:13:45
26	1.058	11:40:05
27	1.062	11:41:00
28	1.174	11:41:30
29	1.174	11:41:53
30	1.174	11:42:23
31	1.174	11:42:53
32	1.172	11:43:13
33	1.066	11:44:06
34	1.061	11:44:36
35	1.066	11:45:06
36	1.061	11:45:36
37	1.060	11:46:06
38	1.060	11:46:37
39	1.060	11:47:07
40	1.060	11:47:36
41	0.923	11:48:02
42	0.924	11:48:32
43	0.926	11:49:03
44	0.925	11:49:32
45	0.924	11:50:04
46	0.925	11:50:34
47	0.926	11:51:05
48	0.926	11:51:31
49	1.058	11:51:58
50	1.066	11:52:26
51	1.070	11:52:58
52	1.056	11:53:28
53	1.044	11:53:58
54	1.049	11:54:26
55	1.053	11:55:02
56	1.054	11:55:31
57	1.079	12:03:15
58	1.078	12:03:45
59	1.077	12:04:15
60	1.077	12:04:45
61	1.077	12:05:15
62	1.077	12:05:45
63	1.077	12:06:15
64	1.077	12:06:45
65	1.077	12:07:15
66	1.077	12:07:45
67	1.077	12:08:15
68	1.077	12:08:45
69	1.077	12:09:15
70	1.077	12:09:45
71	1.077	12:10:15
72	1.077	12:10:45
73	1.077	12:11:15
74	1.077	12:11:45
75	1.077	12:12:15
76	1.077	12:12:45
77	1.077	12:13:15
78	1.077	12:13:45
79	1.077	12:14:15
80	1.077	12:14:45
81	1.077	12:15:15
82	1.077	12:15:45
83	1.077	12:16:15
84	1.077	12:16:45
85	1.077	12:17:15
86	1.077	12:17:45
87	1.077	12:18:15
88	1.077	12:18:45
89	1.077	12:19:15
90	1.077	12:19:45
91	1.077	12:20:15
92	1.077	12:20:45
93	1.077	12:21:15
94	1.077	12:21:45
95	1.077	12:22:15
96	1.077	12:22:45
97	1.077	12:23:15
98	1.077	12:23:45
99	1.077	12:24:15
100	1.077	12:24:45
101	1.077	12:25:15
102	1.077	12:25:45
103	1.077	12:26:15
104	1.077	12:26:45
105	1.077	12:27:15
106	1.077	12:27:45
107	1.077	12:28:15
108	1.077	12:28:45
109	1.077	12:29:15
110	1.077	12:29:45
111	1.077	12:30:15
112	1.077	12:30:45
113	1.077	12:31:15
114	1.077	12:31:45
115	1.077	12:32:15
116	1.077	12:32:45
117	1.077	12:33:15
118	1.077	12:33:45
119	1.077	12:34:15
120	1.077	12:34:45
121	1.077	12:35:15
122	1.077	12:35:45
123	1.077	12:36:15
124	1.077	12:36:45
125	1.077	12:37:15
126	1.077	12:37:45
127	1.077	12:38:15
128	1.077	12:38:45
129	1.077	12:39:15
130	1.077	12:39:45
131	1.077	12:40:15
132	1.077	12:40:45
133	1.077	12:41:15
134	1.077	12:41:45
135	1.077	12:42:15
136	1.077	12:42:45
137	1.077	12:43:15
138	1.077	12:43:45
139	1.077	12:44:15
140	1.077	12:44:45
141	1.077	12:45:15
142	1.077	12:45:45
143	1.077	12:46:15
144	1.077	12:46:45
145	1.077	12:47:15
146	1.077	12:47:45
147	1.077	12:48:15
148	1.077	12:48:45
149	1.077	12:49:15
150	1.077	12:49:45
151	1.077	12:50:15
152	1.077	12:50:45
153	1.077	12:51:15
154	1.077	12:51:45

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114199 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/31/2011 09:00 1114199 4086
Prepared by: VAS

Prepared using: WetChem - NH3_Prep

Matrix: Water Multiple Batch

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114199-BLK1	Blank	100	100		|	
1114199-BS1	LCS	100	100		200 |	
1114199-DUP1	Duplicate [11C1400-01]	100	100		|	
1114199-DUP2	Duplicate [11C1513-01]	100	100		|	
1114199-MS1	Matrix Spike [11C1400-01]	100	100		200 |	
1114199-MS2	Matrix Spike [11C1513-01]	100	100		200 |	
11C1255-03	GL-03 (-3)	100	100	04/04/20		
11C1255-04	GL-03 (-16)	100	100	04/04/20		
11C1255-16	GL-18 (-3)	100	100	04/04/20		
11C1255-17	GL-18 (-33)	100	100	04/04/20		
11C1255-44	Duplicate	100	100	04/04/20		
11C1400-01	001 Outfall	100	100	04/05/20		
11C1468-01	WWTP Effluent Eff	100	100	04/04/20		
11C1468-02	WWTP Effluent Eff	100	100	04/04/20		
11C1468-03	WWTP Effluent Eff	100	100	04/04/20		
11C1468-04	WWTP Effluent Eff	100	100	04/04/20		
11C1468-05	WWTP Effluent Eff	100	100	04/04/20		
11C1468-06	WWTP Effluent Eff	100	100	04/04/20		
11C1469-01	dH2O Use Test	100	100	04/05/20		
11C1511-01	001	100	100	04/01/20		Sample split and preserved upon receipt
11C1513-01	001 Outfall	100	100	04/07/20		
11C1514-01	6033515	100	100	04/05/20		
11C1560-01	001 Outfall	100	100	04/08/20		
11C1581-01	22310001 000049JN	100	100	04/04/20		
11C1582-01	22320001 000049L3	100	100	04/04/20		
11C1598-01	001 Outfall	100	100	04/11/20		
11C1642-01	Release # 110330	100	100	04/08/20		

Standard(s):

MB12218	NH3 Standard 1000ppm (LCS)	200uL or ug
MF80902	NH3 Standard 1000ppm (SPK)	200uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/31/2011 09:00 1114199

Prepared by: VAS

Prepared using: WetChem - NH3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?		✓	✓	

F/U'd holdtimes

Analyst Date

Reviewed by BJ 4/1/11 Date

SEAL: Ammonia and TKN Analysis

SM4500 NH_3-G

Date/time Started: 3/31/11 Analyst VM

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5.0mg/L)	MC11308	4/16/11
ICV/CCV (2.0mg/L)	MC11309	4/16/11
CCB (0.036N H_2SO_4)		
Low Check Std (0.2mg/L)	MC11310	4/16/11
High Check Std (5.0mg/L)	MC11308	4/16/11
EDTA Buffer	per attachment	
Sodium Phenate Reagent		
Sodium Hypochlorite		
Sodium Nitroprusside Reagent		

Tier 1 Review:					Tier 2 Review:			
Analyst/Date: VM 4/1/11					Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <1/2 PQL?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Was the ICV recovery 90-110%?	✓							
Were results entered into LIMS correctly?	✓							
Was digestion +/or distillation tier completed and attached to run?	✓							

Comments:

Notes:
1) SEAL AQ2 Discrete Analyzer.

SEAL: Ammonia Distillation

SM4500-NH_3 B

111 4199

Analyst: VK Date/Time Started: 3/31/11 @ 900 Date/Time Completed:

Balance #:

	Chemical #	Expiration Date
1N NaOH	MM12213,	
Borate Buffer	MC11725	
0.36N H_2SO_4	MC11703	
Thiosulfate		

Sample ID	Residual Chlorine (+/-)	Initial pH <2 (+/-)	A Sample Volume (ml or g)	pH After Buffer-9.5 (+/-)	B Distillation Volume (ml)	C Dilution Factor C=(B/A)	Comments
Blk	+	-	100	+	100		
LCS	+	-	100	+	100		
11C1400-1	+	-	100	+	100		
dup	+	-	100	+	100		
MS	+	-	100	+	100		
1511-1	+	-	100	+	100		
50 1514-1	+	-	100	+	100		
1255-3	+	-	100	+	100		
1255-4	+	-	100	+	100		
1255-16	+	-	100	+	100		
1255-17	+	-	100	+	100		
1255-44	+	-	100	+	100		
1582-1	+	-	100	+	100		
1581-1	+	-	100	+	100		
1513-1	+	-	100	+	100		
dup	+	-	100	+	100		
MS	+	-	100	+	100		
10 1468-1	+	-	100	+	100		
10 1468-2	+	-	100	+	100		
10 1468-3	+	-	100	+	100		
10 1468-4	+	-	100	+	100		
10 1468-5	+	-	100	+	100		
10 1468-6	+	-	100	+	100		
1560-1	+	-	100	+	100		
1642-1	+	-	100	+	100		
1598-1	+	-	100	+	100		
1469-1	+	-	100	+	100		

Notes:

1.) Distillation apparatus: Labconco Model 65200 or Westco EasyDist (circle one).

SEAL: Ammonia Distillation

SM4500-NH_3 B

Date of Analysis: 3/31/11

1st Tier Reviewer: JB Date: 5/31/11

2nd Tier Reviewer: _____ Date: _____

1st Tier Review					2nd Tier Review			
	Yes	No	NA	Note	Yes	No	NA	Note
Was preservation of samples checked and recorded?	✓							
Was residual chlorine checked and recorded on all samples?	✓							
If residual chlorine was present was it neutralized?	.		✓					
Were samples analyzed within holding time (28 days)?	✓							
Are all chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Were Method Blanks and LCSs distilled every 20 samples?	✓							
Duplicates distilled on 10% of the samples?	✓							
Matrix spikes performed on 10% of the samples?	✓							
Were distillates stored at 4°C until analysis?	✓							
Was preparation entered into the LIMS with the correct dilution factors?	✓							

Comments: _____

2nd Tier Comments: _____

SEAL: TKN Digestion Log

SM4500N$_{org}$ #1114086

Digestion: Analyst: VAS Date/Time: 3/29/11 @ 12w

Distillation/Titration: Analyst: VAS Date/Time: 3/30/11 @ 9w

LCS: Chemical #: MC12519 Exp. Date: 9/25/11

Spike: Chemical #: SV-09-4 Exp. Date: 1/14

Digestion Reagent	Chemical #
	MA10444

Sample ID	Tube #	Initial pH <2 (+/-)	A Sample Volume (ml)	B Final Volume (ml)	C Dilution Factor C = (B/A)	Comments
Method Blank	1	+	1w	1w		
LCS	2	+	1w	1w		
1104520-4	3	+	1w	1w		
Dup	4	+	1w	1w		
MS	5	+	1w	1w		pipet = 0.5
1513-1	6	+	1w	1w		
1469-1	7	+	1w	1w		leached
19 1520-1	8	+	1w	1w		
10 1520-3	9	+	1w	1w		
11 1520-5	10	+	1w	1w		
12 1468-1	11	+	1w	1w		
13 1468-2	12	+	1w	1w		
14 1468-3	13	+	1w	1w		
15 1468-4	14	+	1w	1w		
16 1468-5	15	+	1w	1w		
1520-2	16	+	1w	1w		
Dup	17	+	1w	1w		
MS	18	+	1w	1w		pipet = 0.5
1461-1	19	+	1w	1w		
1520-6	20	+	1w	1w		
21 1468-6	21	+	1w	1w		
	22					
	23					
	24					
	25					
	26					
	27			VAS 3/29/11		
	28					

Notes:

1.) Digester Block: A.I. Scientific AIM600 S/N 4826A13426/4833A14770.

SEAL: TKN Digestion Log

$SM4500N_{org}$

Date of Analysis: 3/31/11

1st Tier Reviewer: VM Date: 3/31/11

2nd Tier Reviewer: _____ Date: _____

1st Tier Review					2nd Tier Review			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was preservation of samples checked and recorded?	✓							
Were samples analyzed within holding time (28 days)?	✓							
Are all chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Was digestion complete?	✓							
Was a MBLK and LCS digested every 20 samples?	✓							
Duplicates performed on 10 % of the samples?	✓							
Were the RPDs within acceptance limits?	✓							
MS performed on 10 % of the samples?	✓							
If MS recoveries <50% was sample redigested?			✓					
Was dilution factor calculated correctly?	✓							
Was prep entered into LIMS correctly?	✓							
Were distilled samples stored at 4°C until analysis?	✓							

Tier 1 Comments: _____

2nd Tier Comments: _____

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 07:05 Friday 1st April 2011
Tray Number: 1
Tray Name: NTK_110331A

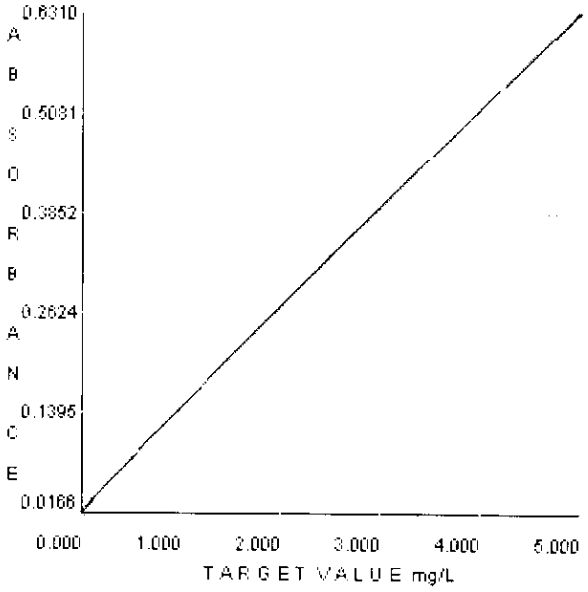
TKN-5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0166	0.0005	0.0000	
S90	0.0284	0.0917	0.1000	-8.2760
S91	0.0811	0.5031	0.5000	0.6220
S92	0.1767	1.2582	1.2500	0.6591
S93	0.3316	2.5069	2.5000	0.2748
S94	0.4799	3.7314	3.7500	-0.4948
S95	0.6310	5.0082	5.0000	0.1631
S0	0.0185	0.0146	0.0000	

Polynomial Order: 2
Correlation Coefficient: 1.0000
Carryover: 0.3
Polynomial Coeffecients: -0.128, 7.731, 0.650,
Date & Time: Wed Mar 16 11:48:36 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NH3 Buffer-5.0	MC11707	VAS	Sat Apr 16 22:00:00 2011
NH3 Phenate-5.0	MC11705	VAS	Sat Apr 16 22:00:00 2011
NH3 Hypoch-5.0	ME02506	VAS	Wed May 25 22:00:00 2011
NH3 Nitropr-5.0	MC11706	VAS	Sat Apr 16 22:00:00 2011
(Blank)			Wed Dec 31 19:00:00 1969

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	0.0643	mg/L			VAS	Thu Mar 31 13:46:24 2011
4	ICV	ICV	2.1087	mg/L			VAS	Thu Mar 31 13:48:28 2011
5	MB	MB	0.0555	mg/L			VAS	Thu Mar 31 13:50:33 2011
6	LCS	LCS	2.1455	mg/L			VAS	Thu Mar 31 13:52:40 2011
7	U1	LOW	0.2554	mg/L			VAS	Thu Mar 31 13:54:47 2011
8	U2	HI	5.7539	mg/L	x10.0000		VAS	Thu Mar 31 16:11:00 2011
9	U3	11C1400-1 NH3	0.2719	mg/L			VAS	Thu Mar 31 13:59:00 2011
10	U4	DUP	0.2765	mg/L			VAS	Thu Mar 31 14:01:05 2011

11	U5	SPK	2.4597	mg/L		VAS	Thu Mar 31 14:03:09 2011
12	U6	11C1511-1	0.4352	mg/L		VAS	Thu Mar 31 14:05:14 2011
	CCV	C C V	2.0385	mg/L		VAS	Thu Mar 31 14:07:18 2011
	CCB	C C B	0.0856	mg/L		VAS	Thu Mar 31 14:09:22 2011
13	U7	11C1514-1	29.0755	mg/L	x50.0000	VAS	Thu Mar 31 14:11:26 2011
14	U8	11C1255-3	2.4899	mg/L		VAS	Thu Mar 31 14:13:30 2011
15	U9	11C1255-4	9.4793	mg/L	x10.0000	VAS	Thu Mar 31 16:12:39 2011
16	U10	11C1255-16	29.8741	mg/L	x10.0000	VAS	Thu Mar 31 16:14:19 2011
17	U11	11C1255-17	3.8654	mg/L		VAS	Thu Mar 31 14:19:48 2011
18	U12	11C1255-44	1.6942	mg/L		VAS	Thu Mar 31 14:21:52 2011
19	U13	11C1582-1	0.1663	mg/L		VAS	Thu Mar 31 14:23:58 2011
20	U14	11C1581-1	0.1149	mg/L		VAS	Thu Mar 31 14:26:05 2011
21	U15	11C1513-1	0.1495	mg/L		VAS	Thu Mar 31 14:28:11 2011
22	U16	DUP	0.1556	mg/L		VAS	Thu Mar 31 14:30:18 2011
	CCV	C C V	2.0493	mg/L		VAS	Thu Mar 31 14:32:24 2011
	CCB	C C B	0.0702	mg/L		VAS	Thu Mar 31 14:34:31 2011
23	U17	SPK	2.2267	mg/L		VAS	Thu Mar 31 14:36:34 2011
24	U18	11C1468-1	2.6091	mg/L	x10.0000	VAS	Thu Mar 31 14:38:38 2011
25	U19	11C1468-2	1.1502	mg/L	x10.0000	VAS	Thu Mar 31 14:40:41 2011
26	U20	11C1468-3	0.9713	mg/L	x10.0000	VAS	Thu Mar 31 14:42:45 2011
27	U21	11C1468-4	0.8067	mg/L	x10.0000	VAS	Thu Mar 31 14:44:48 2011
28	U22	11C1468-5	1.1755	mg/L	x10.0000	VAS	Thu Mar 31 14:46:56 2011
29	U23	11C1468-6	0.9636	mg/L	x10.0000	VAS	Thu Mar 31 14:49:03 2011
30	U24	11C1560-1	0.1734	mg/L		VAS	Thu Mar 31 14:51:07 2011
31	U25	11C1642-1	0.2089	mg/L		VAS	Thu Mar 31 14:53:10 2011
32	U26	11C1598-1	0.1966	mg/L		VAS	Thu Mar 31 14:55:14 2011
33	MB	MB	0.0740	mg/L		VAS	Thu Mar 31 14:57:18 2011
34	LCS	LCS	2.0798	mg/L		VAS	Thu Mar 31 14:59:22 2011
	CCV	C C V	2.0636	mg/L		VAS	Thu Mar 31 15:01:29 2011
	CCB	C C B	0.0685	mg/L		VAS	Thu Mar 31 15:03:36 2011
35	U27	11C1520-4 TKN	0.9588	mg/L		VAS	Thu Mar 31 15:05:43 2011
36	U28	DUP	0.5248	mg/L		VAS	Thu Mar 31 15:07:50 2011
37	[redacted]					VAS	Thu Mar 31 15:09:57 2011
38	U30	11C1513-1	0.9377	mg/L		VAS	Thu Mar 31 15:12:04 2011
39	U31	11C1469-1	0.1552	mg/L		VAS	Thu Mar 31 15:14:12 2011
40	U32	11C1520-1	27.6075	mg/L	x10.0000	VAS	Thu Mar 31 15:16:19 2011
41	U33	11C1520-3	28.0694	mg/L	x10.0000	VAS	Thu Mar 31 15:18:26 2011
42	U34	11C1520-5	24.5046	mg/L	x10.0000	VAS	Thu Mar 31 15:20:33 2011
43	U35	11C1468-1	3.6057	mg/L	x10.0000	VAS	Thu Mar 31 15:22:37 2011
44	U36	11C1468-2	1.7827	mg/L	x10.0000	VAS	Thu Mar 31 15:24:41 2011
	CCV	C C V	2.0530	mg/L		VAS	Thu Mar 31 15:26:46 2011
	CCB	C C B	0.0658	mg/L		VAS	Thu Mar 31 15:28:51 2011
45	U37	11C1468-3	1.6514	mg/L	x10.0000	VAS	Thu Mar 31 15:30:55 2011
46	U38	11C1468-4	1.6543	mg/L	x10.0000	VAS	Thu Mar 31 15:33:03 2011
47	U39	11C1468-5	1.6157	mg/L	x10.0000	VAS	Thu Mar 31 15:35:10 2011
48	U40	11C1520-2	0.4760	mg/L		VAS	Thu Mar 31 15:37:18 2011
49	U41	DUP	0.4597	mg/L		VAS	Thu Mar 31 15:38:59 2011
50	U42	SPK	1.1793	mg/L		VAS	Thu Mar 31 15:40:38 2011
51	U43	11C1461-1	1.2084	mg/L		VAS	Thu Mar 31 15:42:18 2011
52	U44	11C1520-6	0.4142	mg/L		VAS	Thu Mar 31 15:43:57 2011
53	U45	11C1468-6	1.6107	mg/L	x10.0000	VAS	Thu Mar 31 15:45:37 2011
	CCV	C C V	2.0951	mg/L		VAS	Thu Mar 31 15:47:16 2011
	CCB	C C B	0.0624	mg/L		VAS	Thu Mar 31 15:48:56 2011
	CCB	CONTROL 12	0.0701	mg/L			Thu Mar 31 16:07:40 2011
	CCV	CONTROL 11	2.0703	mg/L			Thu Mar 31 16:09:20 2011
	CCB	CONTROL 12	0.0644	mg/L			Thu Mar 31 16:15:58 2011
	CCV	CONTROL 11	2.0738	mg/L			Thu Mar 31 16:17:38 2011

VB 3/31/11

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 09:29 Friday 1st April 2011
Tray Number: 1
Tray Name: NTK_110331B

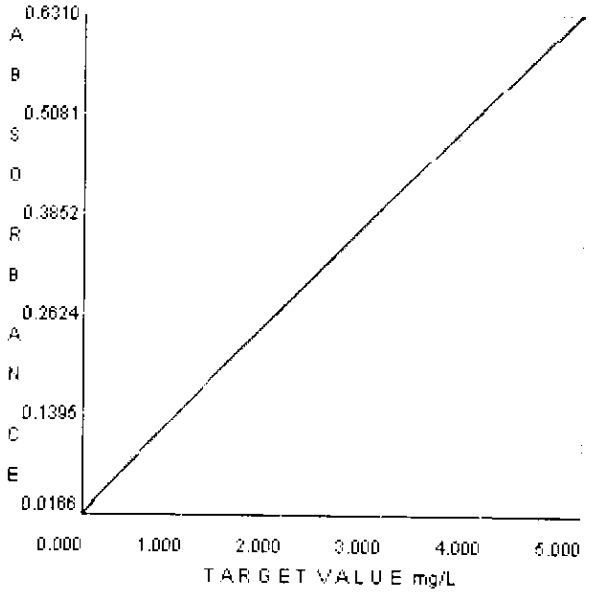
TKN-5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0166	0.0005	0.0000	
S90	0.0284	0.0917	0.1000	-8.2760
S91	0.0811	0.5031	0.5000	0.6220
S92	0.1767	1.2582	1.2500	0.6591
S93	0.3316	2.5069	2.5000	0.2748
S94	0.4799	3.7314	3.7500	-0.4948
S95	0.6310	5.0082	5.0000	0.1631
S0	0.0185	0.0146	0.0000	

Polynomial Order: 2
Correlation Coefficient: 1.0000
Carryover: 0.3
Polynomial Coeffecients: -0.128, 7.731, 0.650,
Date & Time: Wed Mar 16 11:48:36 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NH3 Buffer-5.0	MC11707	VAS	Sat Apr 16 22:00:00 2011
NH3 Phenate-5.0	MC11705	VAS	Sat Apr 16 22:00:00 2011
NH3 Hypoch-5.0	ME02506	VAS	Wed May 25 22:00:00 2011
NH3 Nitropr-5.0	MC11706	VAS	Sat Apr 16 22:00:00 2011
(Blank)			Wed Dec 31 19:00:00 1969

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	MB	MB	0.0694	mg/L			VAS	Fri Apr 01 08:47:27 2011
4	LCS	LCS	2.1559	mg/L			VAS	Fri Apr 01 08:49:07 2011
5	U1	11C1469-1 NH3	0.0641	mg/L			VAS	Fri Apr 01 08:50:46 2011
	CCV	C C V	2.1752	mg/L			VAS	Fri Apr 01 09:14:11 2011
	CCB	C C B	0.0594	mg/L			VAS	Fri Apr 01 09:15:51 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114223 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/31/2011 11:45 1114223

Prepared by: LCR

Prepared using: WetChem - WetCem_SO4_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114223-BLK1	Blank	25	25		|	
1114223-BS1	LCS	25	25		500 |	
1114223-DUP1	Duplicate [11C1255-31]	25	25		|	
1114223-MS1	Matrix Spike [11C1255-31]	25	25		5000 |	
11C1255-07	GL-09 (-2)	25	25	04/04/20		
11C1255-08	GL-09 (-20)	25	25	04/04/20		
11C1255-09	GL-11 (-33)	25	25	04/04/20		
11C1255-16	GL-18 (-3)	25	25	04/04/20		
11C1255-17	GL-18 (-33)	25	25	04/04/20		
11C1255-31	GL-12 (-17)	25	25	04/04/20		
11C1255-35	GL-14 (-33)	25	25	04/04/20		
11C1255-38	GL-13 (-26)	25	25	04/04/20		
11C1255-40	GL-08 (-36)	25	25	04/04/20		
11C1454-01	Influent	25	25	04/04/20		

! /*%d*.1234		
MA02203	Sulfate Stock Standard 1000ppm	500uL or ug
MF02303		5000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 03/31/2011 11:45 1114223

Prepared by: LCR

Prepared using: WetChem - WetCem_SO4_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
! "#$%&#' "#( )						

+. /012 3045(+789: ; <	>8;	(4	($	(43B; (? @ /0B2; (+ 4B B 853 <
Calibration Coeficient Acceptable for all needed analytes?				
ICV recoveries acceptable?				
ICB concentrations < 1/2 MRL?				
HCV check recoveries acceptable?				
LCV recoveries acceptable?				
$5. /=; Q <				
Bracketing CCV recoveries acceptable?				
Bracketing CCB concentrations < 1/2 MRL?				
Method Blank concentrations < 1/2 MRL?				
LCS (BS) recoveries acceptable?				
Sample Duplicate RPDs acceptable?				
MS/MSD recoveries acceptable?				
MS/MSD RPDs acceptable?				

Analyst 4-1-11 Date

Reviewed By 4/4/11 Date

Sulfate

EPA 375.4/SW846 9038

Checklist: Dept. 50-158
Effective Date: 9/27/2010
Page: 1 of 2

Date: 12/31/2011 Analyst:

Standard/Spike Stock Solution: Chemical #: MF02303 Expiration Date: 3-12-12

Calibration Standards: Solution #: MC12104 Expiration Date: 4-21-11

LCS Stock Solution: Chemical #: MA02203 Expiration Date: 9-18-11

Conditioning Reagent: Solution #: MC12105 Expiration Date: ~~12/31/20~~ 4/21/11 w 3/31/11

Barium Chloride: Chemical #: MA11206

Spectrophotometer: Cecil CE 2041; SN 125-733

Printout #	Sample ID	Dilution g Sample	Dilution mL DI Water	Dilution Factor	Notes
1	Method Blank	25		1	
2	Low Check Std (5ppm)	25		1	
3	High Check Std (40ppm)	25		1	
4	LCS (20ppm)	25		1	
5	11C1855-B1	5	45	x10	
6	Dup	5	45	x10	
7	Matrix Spike	5	45	x10	
8	38	1	49	x50	
9	07	2	48	x25	
10	35	10	40	x5	
11	16	1	49	x50	
12	09			x1	
13	17	10	40	x5	
14	08	10	40	x5	
15	40	5	45	x10	
16	11C1454-01	1	49	x50	
17	CCV (20 ppm)	25		1	
18	CCB	25		1	
19					
20	Dup				
21	Matrix Spike				
22					
23					
24					
25					
26					
27					

Sulfate

EPA 375.4/SW846 9038

Printout #	Sample ID	Dilution g Sample	Dilution mL DI Water	Dilution Factor	Notes
28					
29					
30					
31	Method Blank	25		1	
32	LCS (20ppm)	25		1	
33					
34	Dup				
35	Matrix Spike				
36					
37					
38					
39					
40					
41					
42					
43					
44					
45	CCV (20 ppm)	25		1	
46	CCB	25		1	

Tier 1 Review					Tier 2 Review			
Analyst/Date:					Analyst/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Calibration:								
Does curve span from 1 to 40ppm at 5ppm increments?	✓							
Was curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 90-110%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical/solution # documented?	✓							
Were all reagents within expiration dates?	✓							
Was method blank <0.5ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates analyzed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Were 10% of the samples matrix spiked?	✓							
Were matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after ever 10 samples?	✓							
Was ABS measured on 1 sample every 30 sec for 4 min?	✓							
Was a check standard analyzed after last sample?	✓							
Were all IDS and absorbencies transcribed correctly?	✓							

INITIAL CALIBRATION WORKSHEET

Import Spec: - WC_Water

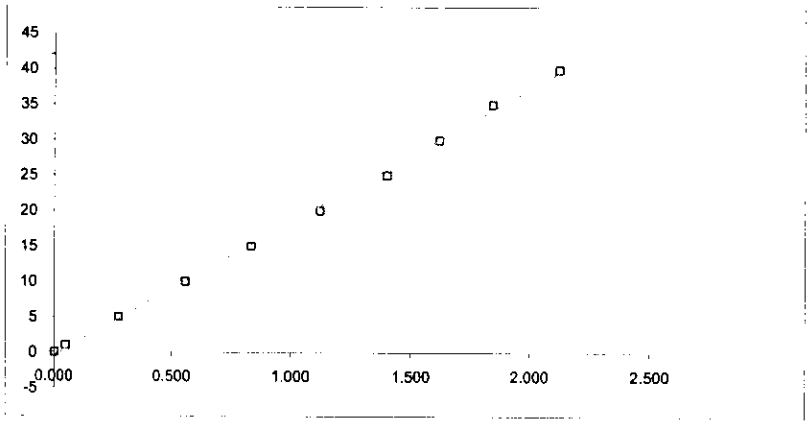
Initial Calibration Date: 3/21/2011 **Test Code:** SO4_WW
Analyst: LCR **Prep Date/Time:** 3/31/2011 11:45
Analysis Date/Time: 3/31/2011 12:20
Analyte: Sulfate **Units:** mg/L
by EPA 375.4/SW846 9038

0.003	0	-0.305	
0.050	1	0.577	57.73
0.274	5	4.784	95.68
0.558	10	10.118	101.18
0.834	15	15.302	102.01
1.122	20	20.711	103.55
1.400	25	25.932	103.73
1.620	30	30.064	100.21
1.844	35	34.270	97.92
2.125	40	39.548	98.87

Omega Batch ID:_____

LINEAR EQUATION
y=a+bx

a=	0.0192635
b=	0.0532451
r=	0.9993056



INITIAL CALIBRATION WORKSHEET

Initial Calibration Date: 3/21/2011 **Test Code:** SO4_WW
Analyst: LCR **Prep Date/Time:** 3/31/2011 11:45
Analysis Date/Time: 3/31/2011 12:20
Analyte: Sulfate **Units:** mg/l
by EPA 375.4/SW846 9038

A	B	C	E	F	G	H	I	J	K	L	M	N	O	P	Q
	Import Spec. - WC_Water														
	Printout #	SampID	SampType	Response (abs)	DF	PrepDate	AnalDate	Units	TestCode	Analyte	Spike (ppm)	RawVal	Final Conc.	Conc. (ppm)	Recovery or RPD
61	1	Method Blank	MBLK	0.002	1	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		-0.324	-0.324	ND	
62	2	Low Chk (5 ppm)	LCS1	0.268	1	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate	5	4.672	4.672	4.672	93.43%
63	3	High Chk (40 ppm)	LCS2	1.944	1	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate	40	36.149	36.149	36.149	90.37%
64	4	LCS (20 ppm)	LCS	1.122	1	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate	20	20.711	20.711	20.711	103.55%
65	5	11C1255-31	SAMP	0.941	10	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		17.311	173.112	173.112	
66	6	DUP	DUP	0.913	10	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		16.785	167.853	167.853	3.08%
67	7	MS	MS	1.898	10	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate	200	35.285	352.847	352.847	89.87%
68	8	11C1255-38	SAMP	1.594	50	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		29.575	1478.762	#######	
69	9	11C1255-07	SAMP	1.588	25	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		29.463	736.564	736.564	
70	10	11C1255-35	SAMP	0.470	5	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		8.465	42.327	42.327	
71	11	11C1255-16	SAMP	0.979	50	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		18.025	901.244	901.244	
72	12	11C1255-09	SAMP	0.193	1	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		3.263	3.263	3.263	
73	13	11C1255-17	SAMP	0.493	5	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		8.897	44.486	44.486	
74	14	11C1255-08	SAMP	1.128	5	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		20.823	104.116	104.116	
75	15	11C1255-40	SAMP	0.771	10	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		14.118	141.184	141.184	
76	16	11C1454-01	SAMP	1.600	50	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		29.688	1484.396	#######	
77	17	CCV #1(20ppm)	CCV	1.012	1	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate	20	18.645	18.645	18.645	93.22%
78	18	CCB #1	CCB	0.000	1	3/31/2011 11:45	3/31/2011 12:20	mg/L	SO4_WW	Sulfate		-0.362	-0.362	ND	

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114240 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 07:33 1114240

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114240-BLK1	Blank	1	1		|	
1114240-BS1	LCS	1	1		1000 |	
1114240-DUP1	Duplicate [11C1255-14]	1	1		|	
1114240-MS1	Matrix Spike [11C1255-14]	1	1		50 |	
11C1255-14	GL-17 (-1)	1	1	03/30/20		
11C1255-15	GL-17 (-31)	1	1	03/30/20		
11C1255-20	TS-01 (-7)	1	1	03/30/20		

VAS 4/1/11

Standard(s):

MC10804	NO2 Matrix Spike. 5ppm	50uL or ug
MC10805	NO2. LCS/CCV. 0.5ppm	1000uL or ug

Reagent ID#	Description	Lot Number

wrong due date Needs to be changed were sampled after due date

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 07:33 1114240

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By 4/4/11 Date

Control #: 50-467
Effective Date: 8/19/2010
Page: 1 of 1

SEAL: Nitrite # 1114240

EPA 353.2

Date/time Started: 4/1/11 Analyst VAS

Reagent/Standard	Chemical #	Expiration Date	Reagent Position
Calibration Std (1mg-N/L)	MC 10803	4/8/11	
Matrix Spike (5mg-N/L)	MC10804	4/8/11	
ICV/CCV/LCS (0.5mg-N/L)	MC 10805	4/8/11	9
CCB (DI Water)			1
Low Check Std (0.05mg-N/L)	MC10806	4/8/11	
Sulfanilamide Color Reagent	see attached		10
Ammonium Chloride Buffer			11

Tier 1 Review:					Tier 2 Review:			
Analyst/Date: VAS 4/1/11					Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <0.005 ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Cup dilution preparation documented?	✓							

Comments:

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 08:22 Friday 1st April 2011
Tray Number: 1
Tray Name: NO2_110401A

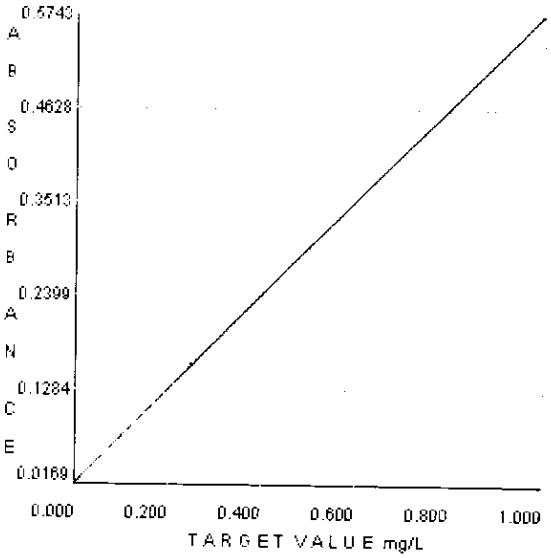
Nitrite 1.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0169	-0.0017	0.0000	
S90	0.0235	0.0102	0.0125	-18.5723
S91	0.0453	0.0493	0.0500	-1.4372
S92	0.0742	0.1012	0.1000	1.2128
S93	0.1591	0.2536	0.2500	1.4368
S94	0.2979	0.5029	0.5000	0.5718
S95	0.4344	0.7480	0.7500	-0.2687
S96	0.5743	0.9991	1.0000	-0.0872
S0	0.0202	0.0042	0.0000	

Polynomial Order: 1
Correlation Coefficient: 1.0000
Carryover: 0.6
Date & Time: Tue Mar 29 07:41:46 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	-0.0011	mg/L			VAS	Fri Apr 01 07:33:33 2011
4	ICV	ICV	0.5280	mg/L			VAS	Fri Apr 01 07:34:31 2011
5	MB	MB	0.0031	mg/L			VAS	Fri Apr 01 07:35:33 2011
6	LCS	LCS	0.5343	mg/L			VAS	Fri Apr 01 07:36:26 2011
7	U1	LOW	0.0548	mg/L			VAS	Fri Apr 01 07:37:20 2011
8	U2	HI	0.9874	mg/L			VAS	Fri Apr 01 07:38:13 2011
9	U3	11C1255-14	0.0003	mg/L			VAS	Fri Apr 01 07:39:07 2011
10	DUP	DUP	-0.0000	mg/L			VAS	Fri Apr 01 07:40:00 2011
11	SPK	SPK	0.2493	mg/L			VAS	Fri Apr 01 07:40:53 2011
12	U4	11C1255-15	0.0019	mg/L			VAS	Fri Apr 01 07:41:47 2011
	CCV	C C V	0.4841	mg/L			VAS	Fri Apr 01 07:42:40 2011
	CCB	C C B	-0.0020	mg/L			VAS	Fri Apr 01 07:43:34 2011
13	U5	11C1255-20	0.0001	mg/L			VAS	Fri Apr 01 07:44:27 2011
	CCV	C C V	0.4845	mg/L			VAS	Fri Apr 01 07:45:21 2011
	CCB	C C B	-0.0020	mg/L			VAS	Fri Apr 01 07:46:14 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114258 **Matrix:** Water **Department:** Metals

PREPARATION BENCH SHEET

1114258

Sequence: MID0507

Prepared: 04/01/2011 14:14
Prepared by: EDP

Microbac Laboratories, Inc., Baltimore Division

Calibration:

Matrix: Water

Prepared using: Metals - Metals_Hg_Prep

Printed: 4/5/2011 8:50:30AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1114258-BLK1		20	20				
1114258-BS1		20	20	MD10105		400	
1114258-DUP1		20	20		11C1727-02		
1114258-MS1		20	20	MD10105	11C1727-02	400	
1114258-MSD1		20	20	MD10105	11C1727-02	400	
11C1255-03	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-03 (-3)				
Hg_Total							
11C1255-04	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-03 (-16)				
Hg_Total							
11C1255-16	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-18 (-3)				
Hg_Total							
11C1255-17	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-18 (-33)				
Hg_Total							
11C1255-42	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-12 (-17) Dissolved				
Hg_Dissolved							
11C1255-43	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-12 (-3) Dissolved				
Hg_Dissolved							
11C1255-44	04/18/2011 15:00	20	20				
Severstal Sparrows Point			Duplicate				
Hg_Total							
11C1448-01	04/06/2011 16:00	20	20				
Earth Tech			MH-S-21N				
Hg_Total							

13

5-20

PREPARATION BENCH SHEET

1114258

Sequence:

Calibration:

Prepared: 04/01/2011 14:14
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Printed: 4/5/2011 8:50:30AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
11C1646-01	04/08/2011 15:00	2	20				
Draper Aden Assoc, - Blacksburg			Leachate - MH-02				
Hg_Total							
11C1646-02	04/08/2011 15:00	2	20				
Draper Aden Assoc, - Blacksburg			Leachate - MH-C-09				
Hg_Total							
11C1648-04	04/08/2011 15:00	20	20				
PEPCO-Benning Rd			S3145				
Hg_Total							
11C1654-01	04/08/2011 15:00	1.0243	20				
Richmond, City of WWTP			Goochland Sanitary Company				
Hg_Total							
11C1658-01	04/08/2011 15:00	2	20				
Richmond, City of WWTP			Atlas/ Manchester				
Hg_Total							
11C1700-01	04/11/2011 15:00	2	20				
Diversified Converters			55 Gallon Drum				
Hg_Total							
11C1700-02	04/11/2011 15:00	2	20				
Diversified Converters			Sump Tank				
Hg_Total							
11C1726-01	04/07/2011 15:00	20	20				
Public Health Command			22610001 00004ANX				
Hg_Total							
11C1727-01	04/06/2011 16:00	20	20				
Public Health Command			22510001 000048YK				
Hg_Total							
11C1727-02	04/06/2011 16:00	20	20				
Public Health Command			22510002 000048YR				
Hg_Total	*Hg_Dissolved*						

PREPARATION BENCH SHEET

1114258

Sequence: MID0507

Prepared: 04/01/2011 14:14
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Calibration:

Printed: 4/5/2011 8:50:30AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?			✓	
LCV recoveries acceptable?			✓	
Analysis:				
Bracketing CCV recoveries acceptable?	✓	✓		CCV4 high Sample ND
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable? AB	✓		✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓			

Exhold holdtimes

AES 4/5/11
Analyst Date

BJ 4/5/11
Reviewed By Date

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114260 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 13:00 1114260

Prepared by: LCR

Prepared using: WetChem - COD_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (ml)	Due Date	Spike Amount uL 1 | 2	Comments
1114260-BLK1	Blank	50	50		|	
1114260-BLK2	Blank	50	50		|	
1114260-BS1	LCS	50	50		2000 |	
1114260-BS2	LCS	50	50		2000 |	
1114260-CCB1	Calibration Blank	50	50		|	
1114260-CCB2	Calibration Blank	50	50		|	
1114260-CCV1	Calibration Check	50	50		200 |	
1114260-CCV2	Calibration Check	50	50		200 |	
1114260-DUP1	Duplicate [11C1580-01]	50	50		|	
1114260-DUP2	Duplicate [11C1583-01]	50	50		|	
1114260-MS1	Matrix Spike [11C1580-01]	50	50		250 |	
1114260-MS2	Matrix Spike [11C1583-01]	50	50		250 |	
11C1255-03	GL-03 (-3)	50	50	04/04/20		
11C1255-04	GL-03 (-16)	50	50	04/04/20		
11C1255-14	GL-17 (-1)	50	50	04/04/20		
11C1255-15	GL-17 (-31)	50	50	04/04/20		
11C1255-16	GL-18 (-3)	50	50	04/04/20		
11C1255-17	GL-18 (-33)	50	50	04/04/20		
11C1255-20	TS-01 (-7)	50	50	04/04/20		
11C1255-44	Duplicate	50	50	04/04/20		
11C1580-01	22330001 000049JN	50	50	04/11/20		
11C1583-01	22340001 000049L3	50	50	04/06/20		
11C1646-01	Leachate - MH-02	50	50	04/08/20		
11C1646-02	Leachate - MH-C-09	50	50	04/08/20		
11C1728-01	22630001 00004ANX	50	50	04/14/20		
11C1729-01	22530001 000048YK	50	50	04/14/20		
11C1729-02	22530002 000048YR	50	50	04/14/20		

! /*%d*.1234		
MC10215	COD MS Stock, 10,000ppm	250uL or ug
MC12308	COD LCS, 40mg/L	200uL or ug
		2000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 13:00 1114260
Prepared by: LCR

Prepared using: WetChem - COD_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (ml)	Due Date	Spike Amount uL 1 | 2	Comments
! "#$%&#" "#( )						

+. /012 3045(+789: ; <	>8;	(4	($	(43B; ?@ /0B2; (+4B B 853 <
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
$5. /=; Q <	✓			
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓			
	✓			

CWA holdtimes

Analyst 4-4-11 Date

Reviewed By BJ 4/4/11 Date

COD by EPA410.4/HACH8000

Initial Calibration Date:			
Analyst:	LCR	Prep Date/Time:	4/1/2011 13:00
		Analysis Date/Time:	4/4/2011 11:24
Analyte: COD, Total		mg/L	
Method: EPA 410.4			

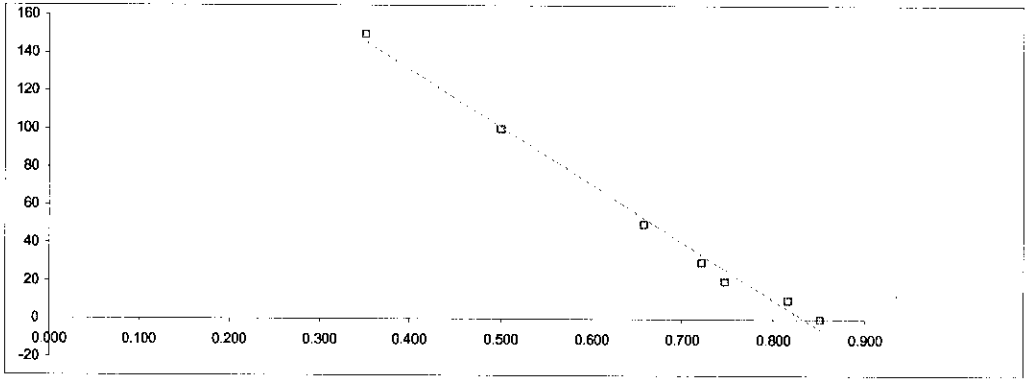
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.851		0	-5.802
0.816		10	4.885
0.747		20	25.954
0.722		30	33.588
0.658		50	53.130
0.500		100	101.374
0.351		150	146.870

Batch ID: 1114260

LINEAR EQUATION

y=a+bx

a=	0.8320000
b=	-0.0032750
r=	-0.9963960



Calculation: COD mg/L = (Raw value from curve) * DF
Calculation: COD mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Sample #	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Aliquot (mls)	Extraction Volume (mls)	Final Volume (ml)	Analyte	Net DF	RawVal	Final Conc. mg/L	Final Conc. mg/kg	Comments
1	1114260-BLK1	-	Blank	0.829	4/4/11 11:24		50		1	COD	1	0.916036963	0.916036963	0	
2	1114260-BLK2	-	Blank	0.826	4/4/11 11:26		50		1	COD	1	1.832073927	1.832073927	0	
3	1114260-BS1	-	LCS	0.698	4/4/11 11:28		50		1	COD	1	40.91603088	40.91603088	0	
4	1114260-BS2	-	LCS	0.701	4/4/11 11:30		50		1	COD	1	40.00001144	40.00001144	0	
5	1114260-CCB1	-	Calibration Blank	0.83	4/4/11 11:32		50		1	COD	1	0.610697329	0.610697329	0	
6	1114260-CCB2	-	Calibration Blank	0.831	4/4/11 11:34		50		1	COD	1	0.305357784	0.305357784	0	
7	1114260-CCV1	-	Calibration Check	0.699	4/4/11 11:36		50		1	COD	1	40.61069107	40.61069107	0	
8	1114260-CCV2	-	Calibration Check	0.704	4/4/11 11:38		50		1	COD	1	39.08397675	39.08397675	0	
9	1114260-DUP1	11C1580-01	Duplicate	0.833	4/4/11 11:40		50		1	COD	1	-0.305339575	-0.305339575	0	
10	1114260-DUP2	11C1583-01	Duplicate	0.825	4/4/11 11:42		50		1	COD	1	2.137413502	2.137413502	0	
11	1114260-MS1	11C1580-01	Matrix Spike	0.672	4/4/11 11:44		50		1	COD	1	48.85496902	48.85496902	0	
12	1114260-MS2	11C1583-01	Matrix Spike	0.669	4/4/11 11:46		50		1	COD	1	49.77098846	49.77098846	0	
13	11C1255-03	GL-03 (-3)	Sample	0.821	4/4/11 11:48		50		1	COD	1	3.358789921	3.358789921	0	
14	11C1255-04	GL-03 (-16)	Sample	0.534	4/4/11 11:50		25		1	COD	2	90.99237823	181.9847565	0	
15	11C1255-14	GL-17 (-1)	Sample	0.545	4/4/11 11:52		25		1	COD	2	87.6335907	175.2671814	0	
16	11C1255-15	GL-17 (-31)	Sample	0.562	4/4/11 11:54		25		1	COD	2	82.44275665	164.8855133	0	
17	11C1255-16	GL-18 (-3)	Sample	0.573	4/4/11 11:56		25		1	COD	2	79.08396912	158.1679382	0	
18	11C1255-17	GL-18 (-33)	Sample	0.665	4/4/11 11:58		50		1	COD	1	50.99236298	50.99236298	0	
19	11C1255-20	TS-01 (-7)	Sample	0.44	4/4/11 12:00		50		1	COD	1	119.694664	119.694664	0	
20	11C1255-44	Duplicate	Sample	0.816	4/4/11 12:02		50		1	COD	1	4.885506153	4.885506153	0	
21	11C1580-01	22330001 000049JN	Sample	0.834	4/4/11 12:04		50		1	COD	1	-0.61067915	-0.61067915	0	
22	11C1583-01	22340001 000049L3	Sample	0.825	4/4/11 12:06		50		1	COD	1	2.137413502	2.137413502	0	
23	11C1646-01	Leachate - MH-02	Sample	0.523	4/4/11 12:08		5		1	COD	10	94.35115051	943.5114746	0	
24	11C1646-02	Leachate - MH-C-09	Sample	0.821	4/4/11 12:10		50		1	COD	1	3.358789921	3.358789921	0	
25	11C1728-01	22630001 00004ANX	Sample	0.834	4/4/11 12:12		50		1	COD	1	-0.61067915	-0.61067915	0	
26	11C1729-01	22530001 000048YK	Sample	0.837	4/4/11 12:14		50		1	COD	1	-1.526716113	-1.526716113	0	
27	11C1729-02	22530002 000048YR	Sample	0.822	4/4/11 12:16		50		1	COD	1	3.053432226	3.053432226	0	

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114261 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 15:27 1114261
Prepared by: LCR

Prepared using: WetChem - WetChem_TDS_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114261-BLK1	Blank	1	1		|	
1114261-BS1	LCS	1	1		1000 |	
1114261-DUP1	Duplicate [11C1726-01]	1	1		|	
11C1255-14	GL-17 (-1)	1	1	04/04/20		
11C1255-15	GL-17 (-31)	1	1	04/04/20		
11C1255-20	TS-01 (-7)	1	1	04/04/20		
11C1726-01	22610001 00004ANX	1	1	04/07/20		
11C1727-01	22510001 000048YK	1	1	04/06/20		
11C1727-02	22510002 000048YR	1	1	04/06/20		
11D0077-01	2&. %'U%# &, 0'&'V L<'U, 0&'<. +0 PWSID#6107024	1	1	04/12/20		

! /*%d*.1234			Reagent ID#	Description	Lot Number
MC12215	%SOLIDS/TDS LCS, 2%	1000uL or ug			

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 15:27 1114261

Prepared by: LCR

Prepared using: WetChem - WetChem_TDS_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
! '#$%&#' '#( )						

+. /012 3045(+789: ; <	>8;	(4	($	(43B; ?@ /0B2; (+4B B 853 <
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?			✓	
HCV check recoveries acceptable?			✓	
LCV recoveries acceptable?			✓	
$5. /=; 0 <				
Bracketing CCV recoveries acceptable?			✓	
Bracketing CCB concentrations < 1/2 MRL?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?			✓	

Hold times

Analyst Date

Reviewed By 4/4/11 Date

Total Dissolved Solids (TDS) by SM2540C

Analyst: LCR

Analyte: Total Dissolved Solids Units: mg/L

Batch ID: 1114261

Calculation: TDS (mg/L) = (Weight of Dry sample *1000000)/Volume of Sample (ml Note: Final weight is the lesser of the 2nd and 3rd weighing
Note: Where samples are dried >16 hours, the first weighing is used for all weight values to calculate final result

Volume

INST

Oven	Date/Time IN	Date/ Time OUT
Dry Cycle #1:	4/1/2011 15:27	4/4/2011 7:00
Dry Cycle #2:	4/4/2011 7:00	4/4/2011 9:00
Dry Cycle #3:	4/4/2011 10:30	4/4/2011 11:30

B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Beaker #	SampID	Client ID	SampType	Beaker Tare Weight (g)	Sample Volume (ml)	Initial Time of Filtration	Dry Beaker &Sample 1st Weighing (gms)	Dry Beaker &Sample 2nd Weighing (gms)	Dry Beaker & Sample 3rd Weighing (gms)	Dry Residue Weight CK >10 & <200 mg	Value mg/L TDS	Unadj. mg/L TDS	Dil Factor	Comments
A	1114261-BLK1	-	Blank	111.8996	100	4/1/2011 15:27	111.8998	111.8998		0.000205994	2.059936523	205.9936523	0.01	
B	1114261-BS1	-	LCS	111.7704	10	4/1/2011 15:27	111.9714	111.9714		0.200996399	20099.64063	200996.3906	0.100000001	
C	1114261-DUP1	11C1726-01	Duplicate	113.7587	50	4/1/2011 15:27	113.8439	113.8439		0.085205078	1704.101563	85205.07813	0.02	3960
D	11C1255-14	GL-17 (-1)	Sample	112.1072	50	4/1/2011 15:27	112.2063	112.2063		0.099098206	1981.964111	99098.21094	0.02	3001
E	11C1255-15	GL-17 (-31)	Sample	113.964	25	4/1/2011 15:28	114.0552	114.0552		0.091201782	3648.071289	91201.78125	0.039999999	7160
F	11C1255-20	TS-01 (-7)	Sample	112.7256	10	4/1/2011 15:28	112.7844	112.7844		0.058799744	5879.974609	58799.74219	0.100000001	11770
G	11C1726-01	22510001 000004ANX	Sample	112.1976	50	4/1/2011 15:28	112.2856	112.2856		0.087997437	1759.94873	87997.4375	0.02	3960
H	11C1727-01	22510001 000048YK	Sample	112.4521	100	4/1/2011 15:28	112.458	112.458		0.005897522	58.97521973	5897.521973	0.01	80.5
I	11C1727-02	22510002 000048YR	Sample	112.7488	100	4/1/2011 15:29	112.7517	112.7517		0.00289917	28.99169922	2899.169922	0.01	116
J	11D0077-01	Arcola Elementary WTP En	Sample	108.9956	100	4/1/2011 15:29	109.0279	109.0279		0.032302856	323.0285645	32302.85742	0.01	739
	REWEIGH							109.0279	109.0279					

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1114263 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 14:45 1114263

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1114263-BLK1	Blank	1	1		|	
1114263-BLK2	Blank	1	1		|	
1114263-BS1	LCS	1	1		1 |	
1114263-BS2	LCS	1	1		1 |	
1114263-DUP1	Duplicate [11C1726-01]	1	1		|	
1114263-DUP2	Duplicate [11C1255-01]	1	1		|	
11C1255-01	GL-02 (-5)	1	1	04/04/20		
11C1255-02	GL-02 (-29)	1	1	04/04/20		
11C1255-05	GL-05 (-7)	1	1	04/04/20		
11C1255-12	GL-16 (-6)	1	1	04/04/20		
11C1255-13	GL-16 (-32)	1	1	04/04/20		
11C1255-14	GL-17 (-1)	1	1	04/04/20		
11C1255-15	GL-17 (-31)	1	1	04/04/20		
11C1255-20	TS-01 (-7)	1	1	04/04/20		
11C1255-48	Duplicate	1	1	04/04/20		
11C1726-01	22610001 00004ANX	1	1	04/07/20		
11C1727-01	22510001 000048YK	1	1	04/06/20		
11C1727-02	22510002 000048YR	1	1	04/06/20		

Standard(s):
ML00205 Turbidity Std 10.0 1uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 14:45 1114263

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?		✓		
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?			✓	

Bernadette Summers 4/4/11
Analyst Date

Reviewed By 4/4/11 Date

p1 of 2

Turbidity

EPA 180.1

Control #: 434
Effective Date: 10/04/2010

Date: 4/1/11 Time: 1445 Analyst: DMC

40 NTU Standard	Chemical #:	MF02819	Expiration Date: 6/30/11
10 NTU Calibration Standard	Chemical #:	ML00205	Expiration Date: 11/30/11
1.0 NTU Standard	Chemical #:	ML00206	Expiration Date: 11/1/11
0.2 NTU Standard	Chemical #:	MF02818	Expiration Date: 6/30/11
1000 NTU Standard	Chemical #:	MG00913	Expiration Date: 7/31/11

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00		
10 Cal. Check (ICV)	10.17		
40 NTU	40.6		
1 NTU	1.00		
0.2 NTU	0.19		
1000 NTU	666		
11C726-01	26.2		10X NTU greater than 40 std
Dup	26.3		10X
11C727-01	8.42		
02	7.21		
11C255-14	1.15		
-15	1.81		
-20	0.21		
CCB	0.00		
CCV (10 NTU)	10.28		
DUP			
CCB			
CCV (10 NTU)			

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

p 262

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010
Page: 1 of 2

Date: 4/1/11 Time: 1710 Analyst: Brice

40 NTU Standard Chemical #: _____ Expiration Date: _____

10 NTU Calibration Standard Chemical #: 1st page Expiration Date: _____

1.0 NTU Standard Chemical #: _____ Expiration Date: _____

0.2 NTU Standard Chemical #: _____ Expiration Date: _____

1000 NTU Standard Chemical #: _____ Expiration Date: _____

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00		
10 Cal. Check (ICV)	10.35		
40 NTU	39.9		
1 NTU	1.00		
0.2 NTU	0.20		
1000 NTU	1062		
11C125-01	5.29		X10
Dup	5.30		X10
-02	3.57		
-05	0.67		
-12	0.89		
-13	18.25		X10
-48	2.70		
CCB	0.02		
CCV (10 NTU)	10.45		
DUP			
CCB			
CCV (10 NTU)			

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010
Page: 2 of 2

1st Tier					2nd Tier			
Initials/Date: BMC 4/1/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was standard verified and documented?	✓							
Was method blank ≤ 0.05 NTU?	✓							
If no, was blank reanalyzed with fresh sample?			✓					
Were all samples analyzed within holding time (48 hours)?	✓	✓						
If no, were results footnoted in notebook and LIMS?	✓							
Are all Chemical and solution # documented?	✓							
Were all standards within expiration date?	✓							
Was 10 NTU Calibration Check recovery within 95-105%	✓							
If not, was instrument recalibrated?			✓					
Was 40 NTU LCS within acceptance limits?	✓							
Was 1.0 NTU LCS within acceptance limits?	✓							
Was low check within acceptance limits?	✓							
Was a duplicate performed every 10 samples?	✓							
Was RPD within acceptance limits?	✓							
Was a CCB and CCV analyzed after every 10 samples?	✓							
Was a CCB and CCV analyzed after the last sample?	✓							
Were all CCBs and CCVs acceptable?	✓							
Was all QC data charted?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments/ Tier 1: _____

Comments/ Tier 2: _____

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115006 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 16:34 1115006

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep NO2

add to worklist

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115006-BLK1	Blank	1	1		|	
1115006-BS1	LCS	1	1		1000 |	
11C1255-01	GL-02 (-5)	1	1	03/30/20		
11C1255-02	GL-02 (-29)	1	1	03/30/20		
11C1255-05	GL-05 (-7)	1	1	03/30/20		
11C1255-12	GL-16 (-6)	1	1	03/30/20		
11C1255-13	GL-16 (-32)	1	1	03/30/20		
11C1255-48	Duplicate	1	1	03/30/20		

Standard(s):
MC10805 NO2, LCS/CCV, 0.5ppm 1000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 16:34 1115006

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?				see prior day batch
MS/MSD recoveries acceptable?				
MS/MSD RPDs acceptable?				

Analyst Date

Reviewed By BF 4/4/11 Date

AQ2 Tray Report

1115-006

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 08:24 Monday 4th April 2011
Tray Number: 1
Tray Name: NO2_110401B

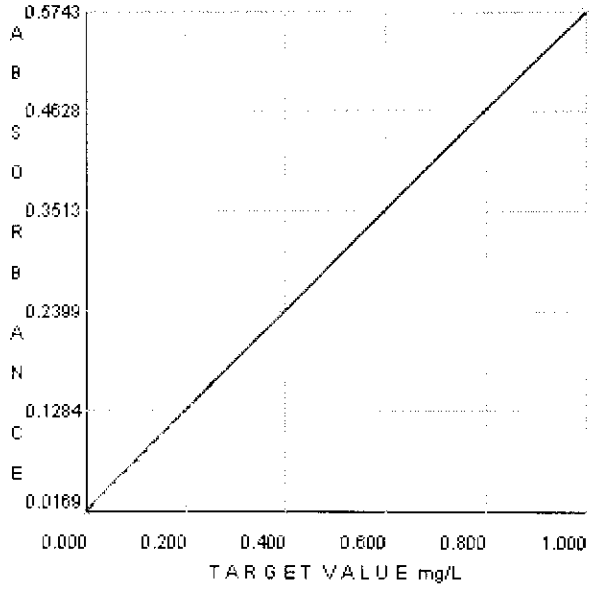
Nitrite 1.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0169	-0.0017	0.0000	
S90	0.0235	0.0102	0.0125	-18.5723
S91	0.0453	0.0493	0.0500	-1.4372
S92	0.0742	0.1012	0.1000	1.2128
S93	0.1591	0.2536	0.2500	1.4368
S94	0.2979	0.5029	0.5000	0.5718
S95	0.4344	0.7480	0.7500	-0.2687
S96	0.5743	0.9991	1.0000	-0.0872
S0	0.0202	0.0042	0.0000	

Polynomial Order: 1
Correlation Coefficient: 1.0000
Carryover: 0.6
Date & Time: Tue Mar 29 07:41:46 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	MB	MB	-0.0041	mg/L			VAS	Fri Apr 01 16:34:12 2011
4	LCS	LCS	0.4767	mg/L			VAS	Fri Apr 01 16:35:06 2011
5	U1	11c1255-5	-0.0006	mg/L			VAS	Fri Apr 01 16:35:59 2011
6	U2	11c1255-12	-0.0021ELL	mg/L			VAS	Fri Apr 01 16:36:53 2011
7	U3	11C1255-1	0.0074	mg/L			VAS	Fri Apr 01 16:37:46 2011
8	U4	11C1255-48	-0.0026ELL	mg/L			VAS	Fri Apr 01 16:38:39 2011
9	U5	11C1255-13	0.0104	mg/L			VAS	Fri Apr 01 16:39:33 2011
10	U6	11C1255-2	-0.0029ELL	mg/L			VAS	Fri Apr 01 16:40:26 2011
	CCV	C C V	0.4835	mg/L			VAS	Fri Apr 01 16:41:20 2011
	CCB	C C B	-0.0023	mg/L			VAS	Fri Apr 01 16:42:13 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115009 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/04/2011 10:45 1115009

Prepared by: BMC

Prepared using: WetChem - Cl_Titration_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115009-BLK1	Blank	50	50		|	
1115009-BS1	LCS	50	50		2000 |	
1115009-DUP1	Duplicate [11C1255-31]	50	50		|	
1115009-MS1	Matrix Spike [11C1255-31]	50	50		1000 |	
11C0753-01	Stormwater	50	50	03/21/20		
11C1255-31	GL-12 (-17)	50	50	04/04/20		
11C1255-32	GL-12 (-3)	50	50	04/04/20		
11C1255-33	GL-10 (-1)	50	50	04/04/20		
11C1255-34	GL-10 (-31)	50	50	04/04/20		
11C1255-35	GL-14 (-33)	50	50	04/04/20		
11C1255-36	GL-14 (+1)	50	50	04/04/20		
11C1255-37	GL-13 (+1)	50	50	04/04/20		
11C1255-38	GL-13 (-26)	50	50	04/04/20		

! /*%d*.1234

MC10107 CL Standard 1250 ppm 1000uL or ug
2000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/04/2011 10:45 1115009

Prepared by: BMC

Prepared using: WetChem - Cl_Titration_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
! "#$%&#" "#( )						

+. /012 3045(+789: ; <	>8;	(4	($	(43B; ?@ /0B2; (+4B B 853; <
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?			✓	
HCV check recoveries acceptable?			✓	
LCV recoveries acceptable?			✓	
$5. /=; Q <				
Bracketing CCV recoveries acceptable?			✓	
Bracketing CCB concentrations < 1/2 MRL?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Bernadette Cummings 4/4/11
Analyst Date

BJ 4/4/11
Reviewed By Date

Chloride (Titrimetric, Mercuric Nitrate)
SM4500Cl-C/SM4500Cl-C(M)

Date/Time: 4/4/11 1210 Analyst: BMC

Chloride Standards:
1250ppm Stock Chemical #: MC10107 Expiration Date: 9/1/11
LCS/ICV/CCV: Solution #: same as above Expiration Date: "

Reagents:
Mixed Indicator Solution # MA11403 HNO_3, 0.3% Solution #: MA11402
NaOH, 0.25N Solution # Mercuric Nitrate Solution #: M200120 N: 0.0141

1st Tier Review					2nd Tier Review			
Initials/Date: BMC 4/4/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Sample Analysis:								
Were all samples analyzed within 28 days?	✓							
Were all chemicals and solutions within expiration date?	✓							
Were all chemical and solution numbers documented?	✓							
Was a LCS and MBLK analyzed every 20 samples?	✓							
Was a CCB and CCV analyzed every 10 samples and after last sample?			✓					
Were all QC recoveries acceptable?	✓							
Were sample duplicates performed every 10 samples?	✓							
Were RPDs within acceptance limits?	✓							
Were matrix spikes performed every 10 samples?	✓							
Were spike recoveries within acceptance limits?	✓							
Are all LIMS sample numbers documented?	✓							
Was data and detection limits accurately entered in the LIMS?	✓							

Chloride by Titration

EPA 325.3/SW846 9253M

Analyst: BMC **Date/Time:** 4/4/2011 10:45 **Titrant Normality:** 0.0141 Omega Batch ID:_____

Calculation: (ml titrant * N of titrant * 35450)/ml sample = mg Cl/L

A	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Import Spec. - WC Titration													
	SampID	Client ID	SampType	Sample (ml)	Titrant (ml)	DF	AnalDate	units	TestCode	Analyte	Spike (mg/L)	RawVal	FinalVal	Recovery or RPD
11	Method Blank	Method Blank	MBLK	50	0.05	1.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		0.50	0.50	
12	LCS	LCS	LCS	50	5.05	1.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride	50	50.48	50.48	100.97%
13	11C1255-31		SAMP	10	3.95	5.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		39.49	197.44	
14		DUP	DUP	10	3.90	5.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		38.99	194.94	1.27%
15		MS	MS	10	4.45	5.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride	25	44.49	222.43	99.97%
16	11C1255-32		SAMP	25	3.05	2.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		30.49	60.98	
17	11C1255-33		SAMP	50	1.75	1.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		17.49	17.49	
18	11C1255-34		SAMP	50	1.25	1.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		12.50	12.50	
19	11C1255-35		SAMP	50	2.05	1.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		20.49	20.49	
20	11C1255-36		SAMP	50	0.80	1.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		8.00	8.00	
21	11C1255-37		SAMP	50	1.75	1.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		17.49	17.49	
22	11C1255-38		SAMP	10	2.75	5.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		27.49	137.46	
23	11C0753-01		SAMP	10	8.40	5.0	4/4/2011 10:45	mg/L	CL_TIT_WW	Chloride		83.97	419.87	

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115011 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/04/2011 12:13 1115011

Prepared by: BMC

Prepared using: WetChem - Alkalinity_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115011-BLK1	Blank	100	100		|	
1115011-BS1	LCS	100	100		5000 |	
1115011-DUP1	Duplicate [11C1255-32]	100	100		|	
1115011-MS1	Matrix Spike [11C1255-32]	100	100		2000 |	
11C1255-20	TS-01 (-7)	100	100	04/18/20		
11C1255-31	GL-12 (-17)	100	100	04/18/20		
11C1255-32	GL-12 (-3)	100	100	04/18/20		
11C1255-33	GL-10 (-1)	100	100	04/18/20		
11C1255-34	GL-10 (-31)	100	100	04/18/20		
11C1255-35	GL-14 (-33)	100	100	04/18/20		
11C1255-36	GL-14 (+1)	100	100	04/18/20		
11C1255-37	GL-13 (+1)	100	100	04/18/20		
11C1255-38	GL-13 (-26)	100	100	04/18/20		
11C1255-39	GL-11 (-1)	100	100	04/18/20		

Standard(s):

MB12421	Alkalinity Lcs 1000ppm	2000uL or ug
		5000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/04/2011 12:13 1115011

Prepared by: BMC

Prepared using: WetChem - Alkalinity_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?			✓	
HCV check recoveries acceptable?			✓	
LCV recoveries acceptable?			✓	
Analysis:				
Bracketing CCV recoveries acceptable?			✓	
Bracketing CCB concentrations < 1/2 MRL?	✓		✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst 4/4/11 Date

Reviewed By 4/4/11 Date

Alkalinity

SM 2320 B

Date: 4/4/11 @ 1250 Analyst: BMC

1000 ppm Standard: Solution #: MB12421 Expiration Date: 5/26/11

Peroxide (if applicable) Chemical #: _____ Expiration Date: _____

Titrant: Chemical #: MC10301 Expiration Date: 6/30/11 Normality: 0.02N

Calculation:

Total Alkalinity, ppm $CaCO_3$ = (ml titrant * N of titrant * 50000)/ ml sample

Sample ID	Head Space (+/-)	Initial pH	Sample (ml)	Titrant (ml) (total ml to endpoint) To pH 8.3	To pH 4.5	-0.3 pH units	Concentration (ppm) Total	P	~~Carbonate~~ DF	~~Bicarbonate~~ Notes
Blank	-	5.0	100		0.05		0.5		1	
LCS	-	9.5	100		4.95		49.5		1	
IIC1255-20	-	11.5	25	6.15	8.95		358		4	89.5
-31	-	3.1	100		0		0		1	
31 dup	-	4.4	100		0		0		1	
31 MS	-	5.4	100		2.05		20.5		1	
-32	-	4.3	100		0		0		1	
-33	-	3.8	100		0		0		1	
-34	-	6.2	50		2.80		56		2	28
-35	-	6.1	100		3.20		32		1	
-36	-	6.1	100		1.25	1.30	12		1	
-37	-	6.7	25		6.25		250		4	62.5
-38	-	3.8	100		0		0		1	
-39	-	4.9	100		0.55	0.70	4		1	

Notes:

1.) pH Meter: Orion 920A S/N 001638.

2.) Sample titrated to pH 4.5 unless otherwise noted.

Alkalinity
SM 2320 B

Date Test Completed: 4/4/11 Analyst: BMC

1st Tier					2nd Tier			
Initials/Date: 4/4/11 BMC					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was titrant standardized?	✓							
Were all samples free of head space?	✓							
If no, were results footnoted?			✓					
Was method blank ≤0.5 ppm?	✓							
Were all samples analyzed within 14 day holding time?	✓							
If no, were results footnoted in notebook and LIMS?			✓					
Are all Chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Was LCS within acceptance limits?	✓							
Were 10% of the samples performed in duplicate?	✓							
Were RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were spike recoveries within acceptance limits?	✓							
If titrant was < 2.0 ml was pH lowered 0.3 pH units more and correct calculation applied?								
If carbonate or bicarbonate alkalinity is required was titrant to pH 8.3 and 4.5 recorded ?	BMC 4/4/11		✓					
Was correct calculation used to determine bicarbonate and carbonate alkalinity?			✓					
Were samples peroxide digested?		✓						
If yes, was a method blank and LCS also digested?			✓					
If yes, were results footnoted in notebook and LIMS?	✓		✓					
Were the samples titrated to pH 4.5?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments:

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115016 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/04/2011 11:40 1115016, 1115002

Prepared by: VAS

Prepared using: WetChem - NH3_Prep

Matrix: Water Multiple batch

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115016-BLK1	Blank	100	100		|	
1115016-BS1	LCS	100	100		200 |	
1115016-DUP1	Duplicate [11C1675-01]	100	100		|	
1115016-DUP2	Duplicate [11C1635-01]	100	100		|	
1115016-MS1	Matrix Spike [11C1675-01]	100	100		200 |	
1115016-MS2	Matrix Spike [11C1635-01]	100	100		200 |	
11C1255-01	GL-02 (-5)	100	100	04/18/20		
11C1255-02	GL-02 (-29)	100	100	04/18/20		
11C1255-05	GL-05 (-7)	100	100	04/18/20		
11C1255-12	GL-16 (-6)	100	100	04/18/20		
11C1255-13	GL-16 (-32)	100	100	04/18/20		
11C1255-14	GL-17 (-1)	100	100	04/18/20		
11C1255-15	GL-17 (-31)	100	100	04/18/20		
11C1255-20	TS-01 (-7)	100	100	04/18/20		
11C1255-48	Duplicate	100	100	04/18/20		
11C1635-01	001 Outfall	100	100	04/12/20		
11C1675-01	Outfall 001	100	100	04/11/20		
11C1680-01	001 Outfall	100	100	04/13/20		
11C1689-01	WWTP Final Eff	100	100	04/11/20		
11C1689-02	WWTP Final Eff	100	100	04/11/20		
11C1689-03	WWTP Final Eff	100	100	04/11/20		
11C1726-01	22610001 00004ANX	100	100	04/07/20		
11C1727-01	22510001 000048YK	100	100	04/06/20		
11C1727-02	22510002 000048YR	100	100	04/06/20		

Standard(s):

MB12218	NH3 Standard 1000ppm (LCS)	200uL or ug
MF80902	NH3 Standard 1000ppm (SPK)	200uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/04/2011 11:40 1115016

Prepared by: VAS

Prepared using: WetChem - NH3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:	✓			
Bracketing CCV recoveries acceptable?				
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Std holdtimes

Analyst Date

Reviewed by BJ 4/5/11 Date

SEAL: Ammonia and TKN Analysis

SM4500 NH_3-G

Date/time Started: 4/4/11 Analyst VKS

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5.0mg/L)	MC11708	4/16/11
ICV/CCV (2.0mg/L)	MC11705	4/16/11
CCB (0.036N H_2SO_4)		
Low Check Std (0.2mg/L)	MC11710	4/16/11
High Check Std (5.0mg/L)	MC11708	4/16/11
EDTA Buffer	See attachments	
Sodium Phenate Reagent		
Sodium Hypochlorite		
Sodium Nitroprusside Reagent		

Tier 1 Review:					Tier 2 Review:			
Analyst/Date: VKS 4/4/11					Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <1/2 PQL?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Was the ICV recovery 90-110%?	✓							
Were results entered into LIMS correctly?	✓							
Was digestion +/or distillation tier completed and attached to run?	✓							

Comments:

1727-1, 2 were re

Notes:
1) SEAL AQ2 Discrete Analyzer.

SEAL: Ammonia Distillation

SM4500-NH_3 B

#111516

Control #: 50-478_2009
Effective Date: 10/9/2009
Page: 1 of 2

Analyst: VAS Date/Time Started: 4/4/11 @ 1140 Date/Time Completed: _____

Balance #: _____

	Chemical #	Expiration Date
1N NaOH	MC13104	
Borate Buffer	MC13103	
0.36N H_2SO_4	MC11703	
Thiosulfate		

Sample ID	Residual Chlorine (+/-)	Initial pH <2 (+/-)	A Sample Volume (ml or g)	pH After Buffer-9.5 (+/-)	B Distillation Volume (ml)	C Dilution Factor C=(B/A)	Comments
Blk	-	+	100	+	100		
LCS	-	+	100	+	100		
DC16475-1	-	+	100	+	100		
dup	-	+	100	+	100		
MS	-	+	100	+	100		
1255-1	-	+	100	+	100		
1255-14	-	+	100	+	100		
1255-13	-	+	100	+	100		
1255-48	-	+	100	+	100		
1255-20	-	+	100	+	100		
1255-2	-	+	100	+	100		
1255-12	-	+	100	+	100		
1255-5	-	+	100	+	100		
1255-15	-	+	100	+	100		
1635-1	-	+	100	+	100		
dup	-	+	100	+	100		
MS	-	+	100	+	100		
1727-2	-	+	100	+	100		
1726-1	-	+	100	+	100		
1727-1	-	+	100	+	100		
~~1701-2~~	-	+	100	+	100		
1680-1	-	+	100	+	100		
~~1701-3~~	-	+	100	+	100		
~~1701-4~~	-	+	100	+	100		
1689-3	-	+	100	+	100		
1689-2	-	+	100	+	100		
1689-1	-	+	100	+	100		

were not used

Notes:

1.) Distillation apparatus: Labconco Model 65200 or Westco EasyDist (circle one).

SEAL: Ammonia Distillation

SM4500-NH_3 B

Date of Analysis: 4/4/11

1st Tier Reviewer: WD Date: 4/4/11

2nd Tier Reviewer: _____ Date: _____

1st Tier Review					2nd Tier Review			
	Yes	No	NA	Note	Yes	No	NA	Note
Was preservation of samples checked and recorded?	✓							
Was residual chlorine checked and recorded on all samples?	✓							
If residual chlorine was present was it neutralized?	✓							
Were samples analyzed within holding time (28 days)?	✓							
Are all chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Were Method Blanks and LCSs distilled every 20 samples?	✓							
Duplicates distilled on 10% of the samples?	✓							
Matrix spikes performed on 10% of the samples?	✓							
Were distillates stored at 4°C until analysis?	✓							
Was preparation entered into the LIMS with the correct dilution factors?	✓							

Comments: _____

2nd Tier Comments: _____

SEAL: TKN Digestion Log

SM4500N$_{org}$ # 111502

Digestion: Analyst: VAS Date/Time: 4/3/11 @ 1120

Distillation/Titration: Analyst: VAS Date Time: 4/4/11 @ 1000

LCS: Chemical #: MC12573 Exp. Date: 9/25/11

Spike: Chemical #: 50 ea9-4 Exp. Date: 1/14

Digestion Reagent	Chemical #
	MC13111

Sample ID	Tube #	Initial pH <2 (+/-)	A Sample Volume (ml)	B Final Volume (ml)	C Dilution Factor C = (B/A)	Comments
Method Blank	1	+	1W	1W		
LCS	2	+	1W	1W		
MC1558-1	3	+	1W	1W		
Dup	4	+	1W	1W		
MS	5	+	1W	1W		
1642-1	6	+	1W	1W		
1589-1	7	+	1W	1W		
1598-1	8	+	1W	1W		
1560-1	9	+	1W	1W		
1689-1	10	+	1W	1W		
1689-3	11	+	1W	1W		
1680-1	12	+	1W	1W		
1685-2	13	+	1W	1W		
1635-1	14	+	1W	1W		
	15					
	16					
Dup	17					
MS	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28			VAS 4/3/11		

Notes:

1.) Digester Block: A.I. Scientific AIM600 S/N 4826A13426/4833A14770.

SEAL: TKN Digestion Log

$SM4500N_{org}$

Date of Analysis: 4/4/11

1st Tier Reviewer: MB Date: 4/4/11

2nd Tier Reviewer: _____ Date: _____

1st Tier Review					2nd Tier Review			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was preservation of samples checked and recorded?	✓							
Were samples analyzed within holding time (28 days)?	✓							
Are all chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Was digestion complete?	✓							
Was a MBLK and LCS digested every 20 samples?	✓							
Duplicates performed on 10 % of the samples?	✓							
Were the RPDs within acceptance limits?	✓							
MS performed on 10 % of the samples?	✓							
If MS recoveries <50% was sample redigested?			✓					
Was dilution factor calculated correctly?	✓							
Was prep entered into LIMS correctly?	✓							
Were distilled samples stored at 4°C until analysis?	✓							

Tier 1 Comments: _____

2nd Tier Comments: _____

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 07:14 Tuesday 5th April 2011
Tray Number: 2
Tray Name: NTK_110404A

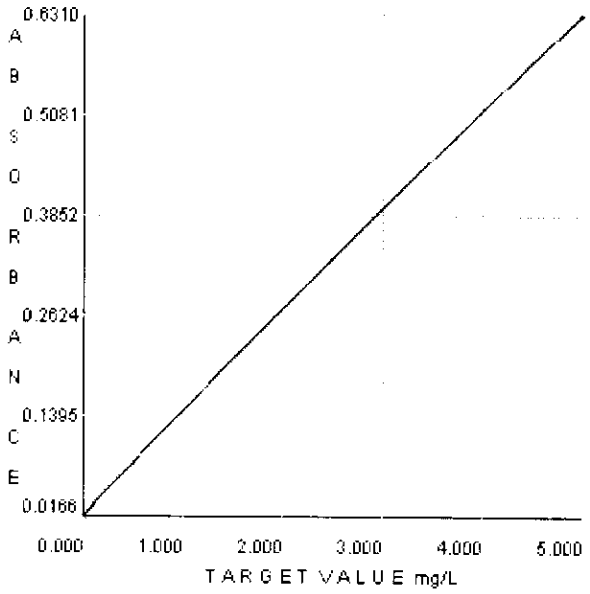
TKN-5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0166	0.0005	0.0000	
S90	0.0284	0.0917	0.1000	-8.2760
S91	0.0811	0.5031	0.5000	0.6220
S92	0.1767	1.2582	1.2500	0.6591
S93	0.3316	2.5069	2.5000	0.2748
S94	0.4799	3.7314	3.7500	-0.4948
S95	0.6310	5.0082	5.0000	0.1631
S0	0.0185	0.0146	0.0000	

Polynomial Order: 2
Correlation Coefficient: 1.0000
Carryover: 0.3
Polynomial Coeffecients: -0.128, 7.731, 0.650,
Date & Time: Wed Mar 16 11:48:36 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NH3 Buffer-5.0	MC11707	VAS	Sat Apr 16 22:00:00 2011
NH3 Phenate-5.0	MC11705	VAS	Sat Apr 16 22:00:00 2011
NH3 Hypoch-5.0	ME02506	VAS	Wed May 25 22:00:00 2011
NH3 Nitropr-5.0	MC11706	VAS	Sat Apr 16 22:00:00 2011
(Blank)			Wed Dec 31 19:00:00 1969

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	0.0683	mg/L			VAS	Mon Apr 04 14:29:19 2011
4	ICV	ICV	2.1412	mg/L			VAS	Mon Apr 04 14:31:23 2011
5	MB	MB	0.0733	mg/L			VAS	Mon Apr 04 14:33:28 2011
6	LCS	LCS	2.1660	mg/L			VAS	Mon Apr 04 14:35:35 2011
7	U1	LOW	0.2753	mg/L			VAS	Mon Apr 04 14:37:43 2011
8	U2	HI	5.8738	mg/L	x10.0000		VAS	Mon Apr 04 15:24:26 2011
9	U3	11C1675-1 NH3	0.1945	mg/L			VAS	Mon Apr 04 14:41:52 2011
10	U4	DUP	0.1989	mg/L			VAS	Mon Apr 04 14:43:56 2011

11	U5	SPK	2.0889	mg/L		VAS	Mon Apr 04 14:46:01 2011
12	U6	11C1255-1	0.2161	mg/L		VAS	Mon Apr 04 14:48:05 2011
	CCV	C C V	2.0442	mg/L		VAS	Mon Apr 04 15:26:30 2011
	CCB	C C B	0.0947	mg/L		VAS	Mon Apr 04 15:28:34 2011
13	U7	11C1255-14	62.3905	mg/L	x50.0000	VAS	Mon Apr 04 17:40:42 2011
14	U8	11C1255-13	3.9849	mg/L		VAS	Mon Apr 04 15:32:42 2011
15	U9	11C1255-48	1.1307	mg/L		VAS	Mon Apr 04 15:34:46 2011
16	U10	11C1255-20	23.1688	mg/L	x10.0000	VAS	Mon Apr 04 17:12:55 2011
17	U11	11C1255-2	2.8731	mg/L		VAS	Mon Apr 04 15:39:01 2011
18	U12	11C1255-12	32.3938	mg/L	x10.0000	VAS	Mon Apr 04 17:14:35 2011
19	U13	11C1255-5	1.1232	mg/L		VAS	Mon Apr 04 15:43:08 2011
20	U14	11C1255-15	17.0024	mg/L	x10.0000	VAS	Mon Apr 04 17:16:14 2011
21	U15	11C1635-1	0.3728	mg/L		VAS	Mon Apr 04 15:47:15 2011
22	U16	DUP	0.3699	mg/L		VAS	Mon Apr 04 15:49:19 2011
	CCV	C C V	1.9669	mg/L		VAS	Mon Apr 04 15:51:22 2011
	CCB	C C B	0.0697	mg/L		VAS	Mon Apr 04 15:53:26 2011
23	U17	SPK	2.1739	mg/L		VAS	Mon Apr 04 15:55:30 2011
24	U18	11C1727-2	0.1454	mg/L		VAS	Mon Apr 04 15:57:33 2011
25	U19	11C1726-1	0.4821	mg/L		VAS	Mon Apr 04 15:59:36 2011
26	U20	11C1727-1	0.1116	mg/L		VAS	Mon Apr 04 16:01:44 2011
27	U21	11C1680-1	0.1972	mg/L		VAS	Mon Apr 04 16:03:51 2011
28	U22	11C1689-3	0.1969	mg/L		VAS	Mon Apr 04 16:05:54 2011
29	U23	11C1689-2	0.1585	mg/L		VAS	Mon Apr 04 16:07:57 2011
30	U24	11C1689-1	0.2842	mg/L		VAS	Mon Apr 04 16:10:01 2011
31	MB	MB	0.0860	mg/L		VAS	Mon Apr 04 16:12:04 2011
32	LCS	LCS	2.1752	mg/L		VAS	Mon Apr 04 16:14:08 2011
	CCV	C C V	2.0086	mg/L		VAS	Mon Apr 04 16:16:12 2011
	CCB	C C B	0.0799	mg/L		VAS	Mon Apr 04 16:18:16 2011
33	U25	11C1558-1 TKN	1.3774	mg/L		VAS	Mon Apr 04 16:20:20 2011
34	U26	DUP	1.3681	mg/L		VAS	Mon Apr 04 16:22:24 2011
35	U27	SPK	3.1264	mg/L		VAS	Mon Apr 04 16:24:27 2011
36	U28	11C1642-1	0.2507	mg/L		VAS	Mon Apr 04 16:26:35 2011
37	U29	11C1589-1	3.4437	mg/L		VAS	Mon Apr 04 16:28:42 2011
38	U30	11C1698-1	1.5443	mg/L		VAS	Mon Apr 04 16:30:46 2011
39	U31	11C1560-1	1.2518	mg/L		VAS	Mon Apr 04 16:32:50 2011
40	U32	11C1689-1	1.0676	mg/L		VAS	Mon Apr 04 16:34:57 2011
41	U33	11C1689-3	0.9047	mg/L		VAS	Mon Apr 04 16:37:05 2011
42	U34	11C1680-1	1.2666	mg/L		VAS	Mon Apr 04 16:38:46 2011
	CCV	C C V	1.9794	mg/L		VAS	Mon Apr 04 16:40:25 2011
	CCB	C C B	0.0588	mg/L		VAS	Mon Apr 04 16:42:05 2011
43	U35	11C1689-2	0.0667	mg/L		VAS	Mon Apr 04 16:43:45 2011
44	U36	11C1635-1	0.0669	mg/L		VAS	Mon Apr 04 16:45:24 2011
	CCV	C C V	1.9543	mg/L		VAS	Mon Apr 04 16:47:03 2011
	CCB	C C B	0.0608	mg/L		VAS	Mon Apr 04 16:48:43 2011
	CCB	CONTROL 12	0.0813	mg/L			Mon Apr 04 17:07:55 2011
	CCV	CONTROL 11	2.0309	mg/L			Mon Apr 04 17:09:36 2011
	CCB	CONTROL 12	0.0572	mg/L			Mon Apr 04 17:17:54 2011
	CCV	CONTROL 11	1.9866	mg/L			Mon Apr 04 17:19:34 2011
	CCB	CONTROL 12	0.0649	mg/L			Mon Apr 04 17:37:22 2011
	CCV	CONTROL 11	1.9947	mg/L			Mon Apr 04 17:39:02 2011
	CCB	CONTROL 12	0.0678	mg/L			Mon Apr 04 17:42:21 2011
	CCV	CONTROL 11	1.9999	mg/L			Mon Apr 04 17:44:01 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115024 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/04/2011 10:15 1115024, 5025

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Multiple batch

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115024-BLK1	Blank	1	1		|	
1115024-BS1	LCS	1	1		2.5 |	
1115024-DUP1	Duplicate [11C1727-01]	1	1		|	
1115024-DUP2	Duplicate [11C1727-02]	1	1		|	
1115024-MS1	Matrix Spike [11C1727-01]	1	1		20 |	
1115024-MS2	Matrix Spike [11C1727-02]	1	1		20 |	
11C1255-01	GL-02 (-5)	1	1	04/13/20		
11C1255-02	GL-02 (-29)	1	1	04/13/20		
11C1255-05	GL-05 (-7)	1	1	04/13/20		
11C1255-12	GL-16 (-6)	1	1	04/13/20		
11C1255-13	GL-16 (-32)	1	1	04/13/20		
11C1255-14	GL-17 (-1)	1	1	04/13/20		
11C1255-15	GL-17 (-31)	1	1	04/13/20		
11C1255-20	TS-01 (-7)	1	1	04/13/20		
11C1255-48	Duplicate	1	1	04/13/20		
11C1635-01	001 Outfall	1	1	04/08/20		
11C1679-01	Ashmore	1	1	04/11/20		
11C1680-01	001 Outfall	1	1	04/11/20		
11C1701-01	Influent	1	1	04/11/20		
11C1701-02	Effluent	1	1	04/11/20		
11C1701-03	Clarifier Eff	1	1	04/11/20		
11C1726-01	22610001 00004ANX	1	1	04/07/20		
11C1727-01	22510001 000048YK	1	1	04/06/20		
11C1727-02	22510002 000048YR	1	1	04/06/20		

Standard(s):

MC10837	NO3 Matrix Spike, 100ppm	20uL or ug
MC10843	NO3 LCS /ICV/CCV, 2.5ppm	2.5uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/04/2011 10:15 1115024

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	/			
ICV recoveries acceptable?	/			
ICB concentrations < 1/2 MRL?	/			
HCV check recoveries acceptable?	/			
LCV recoveries acceptable?	/			
Analysis:				
Bracketing CCV recoveries acceptable?	/			
Bracketing CCB concentrations < 1/2 MRL?	/			
Method Blank concentrations < 1/2 MRL?	/			
LCS (BS) recoveries acceptable?	/			
Sample Duplicate RPDs acceptable?	/			
MS/MSD recoveries acceptable?	/			
MS/MSD RPDs acceptable?			/	

Analyst Date

Reviewed By BY 4/4/11 Date

SEAL: Nitrate
EPA 353.2

Date: 4/4/11 Analyst: MS #1115024 (A) #1115025 (B)

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5mg/L)	MC 10836	4/8/11
Matrix Spike Std (100mg/L)	MC 10837	4/8/11
NO_2 Std (1mg/L)	MC 10841	4/8/11
ICV/CCV (2.5mg/L)	MC 10843	4/8/11
CCB (DI Water)		
LCS (2.5mg-N/L)	MC 10843	4/8/11
Low Check (0.1mg-N/L)	MC 10838	4/8/11
Sulfanilamide Color Reagent	See attachments	
Ammonium Chloride Buffer		
Copper Sulfate Reagent		
Conc. HCl (if applicable)		

Cadmium Column Regenerated Before Run? ☒

	1st Tier Review				2nd Tier Review			
Initials/Date:					**Initials/Date:**			
	Yes	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Calibration Curve:								
Was the correlation coefficient ≥0.995?								
Was the ICV acceptable?								
Was the method blank ≤ 0.025ppm?								
Was the column efficiency between 90-110%? (see calculation below)								
Was the Low check standard acceptable?								
Was the LCS recovery acceptable?								
Was the LCS and standards preserved?								
Are any reagents or standards expired?								
Are all standard and reagent solution #s documented?								
Sample Analysis:								
Was preservation of all samples checked?								
Were all preserved samples analyzed within 28 days?								
Were all unpreserved samples analyzed within 48 hours?								
Were duplicates performed every 10 samples?								
Were RPDs within acceptance limits?								
Were matrix spikes performed every 10 samples?								
Were spike recoveries within acceptance limits?								
CCVs run every 10 samples?								
Were all CCVs acceptable? comment if recalibrated.								
If CCV failed were samples up to the last acceptable CCVreanalyzed?								
Was a check standard analyzed after the last sample in batch?								
Were dilutions entered correctly?								
Are all LIMS sample numbers documented?								
Was data and detection limits accurately entered in the LIMS?								

Column Efficiency (reduction efficiency): $\frac{NO_3abs - Blankabs}{NO_2abs - Blankabs} \times 100$ = 93.7%

Comments:
1727, 1727-2 were received past hold time

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 12:56 Monday 4th April 2011
Tray Number: 1
Tray Name: NO3_110404A

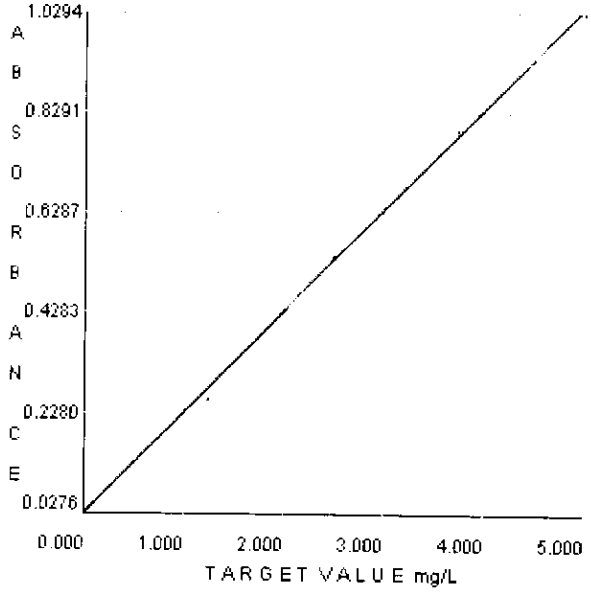
Nitrate 5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0276	0.0149	0.0000	
S90	1.0294	4.9744	5.0000	-0.5111
S91	0.7897	3.7876	3.7500	1.0030
S92	0.5389	2.5463	2.5000	1.8533
S93	0.2561	1.1460	1.2500	-8.3187
S94	0.1243	0.4937	0.5000	-1.2595
S95	0.0768	0.2583	0.2500	3.3174
S96	0.0469	0.1105	0.1000	10.4675
S97	0.0384	0.0682	0.0500	36.4409
S0	0.0258	0.0062	0.0000	

Polynomial Order: 1
Correlation Coefficient: 0.9997
Carryover: -16.4
Date & Time: Mon Apr 04 10:35:30 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
	S1	STANDARD 1	0.0276				VAS	Mon Apr 04 10:15:21 2011
	S90	STANDARD 90	1.0294				VAS	Mon Apr 04 10:17:32 2011
	S91	STANDARD 91	0.7897				VAS	Mon Apr 04 10:19:47 2011
	S92	STANDARD 92	0.5389				VAS	Mon Apr 04 10:22:02 2011
	S93	STANDARD 93	0.2561				VAS	Mon Apr 04 10:24:16 2011
	S94	STANDARD 94	0.1243				VAS	Mon Apr 04 10:26:31 2011
	S95	STANDARD 95	0.0768				VAS	Mon Apr 04 10:28:46 2011
	S96	STANDARD 96	0.0469				VAS	Mon Apr 04 10:31:00 2011
	S97	STANDARD 97	0.0384				VAS	Mon Apr 04 10:33:15 2011
	S0	STANDARD 0	0.0258				VAS	Mon Apr 04 10:35:30 2011
3	ICB	ICB	0.0077	mg/L			VAS	Mon Apr 04 11:01:54 2011

4	ICV	ICV	2.6245	mg/L	VAS	Mon Apr 04 10:40:05 2011
5	MB	MB	-0.0296	mg/L	VAS	Mon Apr 04 12:29:01 2011
6	U1	NO2	2.7112	mg/L	VAS	Mon Apr 04 11:06:31 2011
7	LCS	LCS	2.5426	mg/L	VAS	Mon Apr 04 11:08:45 2011
8	U2	LOW	0.1474	mg/L	VAS	Mon Apr 04 11:11:00 2011
9	U3	HI	4.6270	mg/L	VAS	Mon Apr 04 11:13:15 2011
10	U4	11C1727-1	0.1836	mg/L	VAS	Mon Apr 04 11:15:30 2011
11	DUP	DUP	0.1582	mg/L	VAS	Mon Apr 04 11:17:45 2011
12	SPK	SPK	1.7859	mg/L	VAS	Mon Apr 04 12:30:02 2011
	CCV	C C V	2.6619	mg/L	VAS	Mon Apr 04 12:31:02 2011
	CCB	C C B	-0.0286	mg/L	VAS	Mon Apr 04 12:32:03 2011
13	U5	11C1255-12	0.0068ELL	mg/L	VAS	Mon Apr 04 11:26:46 2011
14	U6	11C1255-14	0.0062ELL	mg/L	VAS	Mon Apr 04 11:29:02 2011
15	U7	11C1255-13	0.0430	mg/L	VAS	Mon Apr 04 11:31:17 2011
16	U8	11C1255-48	0.0063ELL	mg/L	VAS	Mon Apr 04 11:33:36 2011
17	U9	11C1255-20	0.0060ELL	mg/L	VAS	Mon Apr 04 11:35:54 2011
18	U10	11C1255-2	0.0061ELL	mg/L	VAS	Mon Apr 04 11:38:13 2011
19	U11	11C1255-1	0.0054ELL	mg/L	VAS	Mon Apr 04 11:40:28 2011
20	U12	11C1255-5	0.0043ELL	mg/L	VAS	Mon Apr 04 11:42:44 2011
21	U13	11C1255-15	0.0060ELL	mg/L	VAS	Mon Apr 04 11:44:59 2011
22	U14	11C1727-2	0.1879	mg/L	VAS	Mon Apr 04 11:47:15 2011
23	DUP	DUP	0.2260	mg/L	VAS	Mon Apr 04 11:49:30 2011
24	SPK	SPK	2.0739	mg/L	VAS	Mon Apr 04 12:33:03 2011
	CCV	C C V	2.3975	mg/L	VAS	Mon Apr 04 12:34:04 2011
	CCB	C C B	-0.0303	mg/L	VAS	Mon Apr 04 12:35:05 2011
25	U15	11C1726-1	0.0187	mg/L	VAS	Mon Apr 04 11:58:39 2011
26	U16	11C1635-1	4.3292	mg/L	VAS	Mon Apr 04 11:59:39 2011
27	U17	11C1679-1	0.0198	mg/L	VAS	Mon Apr 04 12:00:40 2011
28	U18	11C1701-2	-0.0059ELL	mg/L	VAS	Mon Apr 04 12:01:40 2011
29	U19	11C1680-1	4.4929	mg/L	VAS	Mon Apr 04 12:02:41 2011
30	U20	11C1701-3	-0.0019ELL	mg/L	VAS	Mon Apr 04 12:03:41 2011
31	U21	11C1701-1	-0.0012ELL	mg/L	VAS	Mon Apr 04 12:04:41 2011
	CCV	C C V	2.2986	mg/L	VAS	Mon Apr 04 12:05:42 2011
	CCB	C C B	-0.0020	mg/L	VAS	Mon Apr 04 12:06:43 2011

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 14:05 Monday 4th April 2011
Tray Number: 1
Tray Name: NO3_110404B

(b)

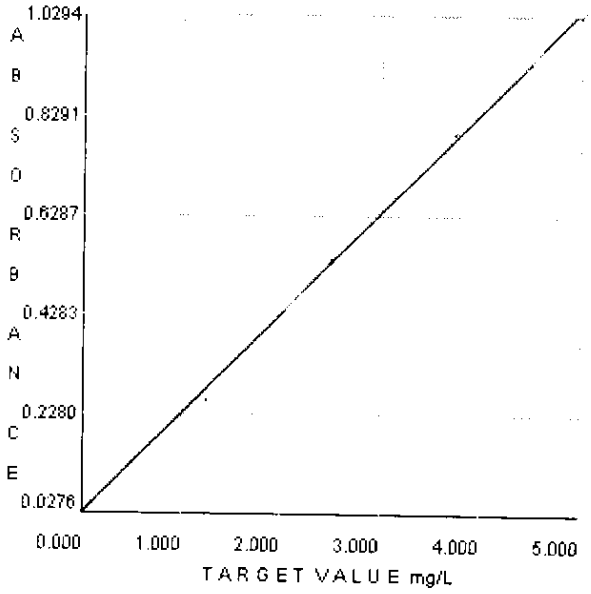
Nitrate 5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0276	0.0149	0.0000	
S90	1.0294	4.9744	5.0000	-0.5111
S91	0.7897	3.7876	3.7500	1.0030
S92	0.5389	2.5463	2.5000	1.8533
S93	0.2561	1.1460	1.2500	-8.3187
S94	0.1243	0.4937	0.5000	-1.2595
S95	0.0768	0.2583	0.2500	3.3174
S96	0.0469	0.1105	0.1000	10.4675
S97	0.0384	0.0682	0.0500	36.4409
S0	0.0258	0.0062	0.0000	

Polynomial Order: 1
Correlation Coefficient: 0.9997
Carryover: -16.4
Date & Time: Mon Apr 04 10:35:30 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	MB	MB	-0.0165	mg/L			VAS	Mon Apr 04 13:33:49 2011
4	LCS	LCS	2.5813	mg/L			VAS	Mon Apr 04 13:55:50 2011
5	U1	11D0068-1	-0.0213ELL	mg/L			VAS	Mon Apr 04 13:35:50 2011
6	U2	11D0077-1	2.4870	mg/L	x2.0000		VAS	Mon Apr 04 13:56:50 2011
7	U3	11C1255-11	2.0582	mg/L			VAS	Mon Apr 04 13:57:51 2011
8	U4	11C1255-06	-0.0145ELL	mg/L			VAS	Mon Apr 04 13:58:51 2011
9	U5	11C1255-10	0.0576	mg/L			VAS	Mon Apr 04 13:59:52 2011
	CCV	C C V	2.4554	mg/L			VAS	Mon Apr 04 14:00:52 2011
	CCB	C C B	-0.0414	mg/L			VAS	Mon Apr 04 14:01:53 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115025 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/04/2011 13:33 1115025

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115025-BLK1	Blank	1	1		|	
1115025-BS1	LCS	1	1		2.5 |	
11C1255-06	GL-05 (-25)	1	1	04/13/20		
11C1255-10	GL-15 (-6)	1	1	04/13/20		
11C1255-11	GL-15 (-36)	1	1	04/13/20		
11D0068-01	Well Water	1	1	04/12/20		
11D0077-01	Arcola Elementary WTP Entry Point PWSID#6107024	1	1	04/12/20		

Standard(s):
MC10843 NO3 LCS/ICV/CCV, 2.5ppm 2.5uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/04/2011 13:33 1115025

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			see 115024
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By 4/4/11 Date

SEAL: Nitrate
EPA 353.2

Date: 4/4/11 Analyst: MS #1115024 (A) #1115025 (B)

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5mg/L)	MC 10836	4/8/11
Matrix Spike Std (100mg/L)	MC 10837	4/8/11
NO_2 Std (1mg/L)	MC 10841	4/8/11
ICV/CCV (2.5mg/L)	MC 10843	4/8/11
CCB (DI Water)		
LCS (2.5mg-N/L)	MC 10843	4/8/11
Low Check (0.1mg-N/L)	MC 10838	4/8/11
Sulfanilamide Color Reagent	See attachments	
Ammonium Chloride Buffer		
Copper Sulfate Reagent		
Conc. HCl (if applicable)		

Cadmium Column Regenerated Before Run? ☑

	1st Tier Review				2nd Tier Review			
Initials/Date:					**Initials/Date:**			
	Yes	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Calibration Curve:								
Was the correlation coefficient ≥0.995?								
Was the ICV acceptable?								
Was the method blank ≤ 0.025ppm?								
Was the column efficiency between 90-110%? (see calculation below)								
Was the Low check standard acceptable?								
Was the LCS recovery acceptable?								
Was the LCS and standards preserved?								
Are any reagents or standards expired?								
Are all standard and reagent solution #s documented?								
Sample Analysis:								
Was preservation of all samples checked?								
Were all preserved samples analyzed within 28 days?								
Were all unpreserved samples analyzed within 48 hours?								
Were duplicates performed every 10 samples?								
Were RPDs within acceptance limits?								
Were matrix spikes performed every 10 samples?								
Were spike recoveries within acceptance limits?								
CCVs run every 10 samples?								
Were all CCVs acceptable? comment if recalibrated.								
If CCV failed were samples up to the last acceptable CCVreanalyzed?								
Was a check standard analyzed after the last sample in batch?								
Were dilutions entered correctly?								
Are all LIMS sample numbers documented?								
Was data and detection limits accurately entered in the LIMS?								

Column Efficiency (reduction efficiency): $\frac{NO_3abs - Blankabs}{NO_2abs - Blankabs} \times 100$ = 93.7%

Comments:
1727, 1727-2 were rerun past hold time

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 12:56 Monday 4th April 2011
Tray Number: 1
Tray Name: NO3_110404A

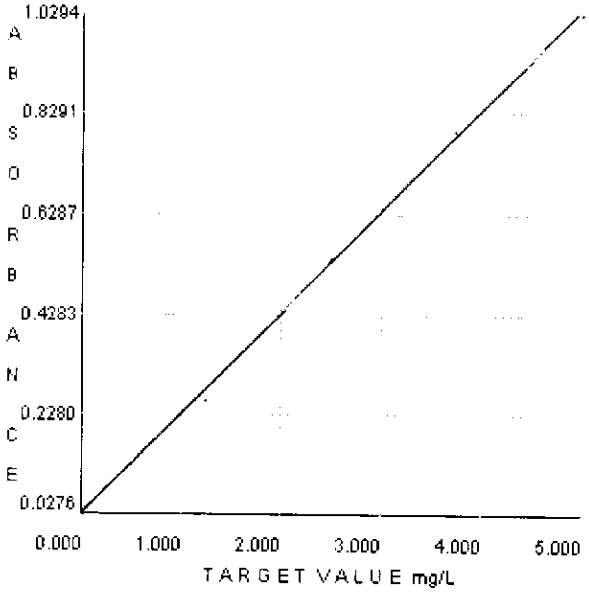
Nitrate 5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0276	0.0149	0.0000	
S90	1.0294	4.9744	5.0000	-0.5111
S91	0.7897	3.7876	3.7500	1.0030
S92	0.5389	2.5463	2.5000	1.8533
S93	0.2561	1.1460	1.2500	-8.3187
S94	0.1243	0.4937	0.5000	-1.2595
S95	0.0768	0.2583	0.2500	3.3174
S96	0.0469	0.1105	0.1000	10.4675
S97	0.0384	0.0682	0.0500	36.4409
S0	0.0258	0.0062	0.0000	

Polynomial Order: 1
Correlation Coefficient: 0.9997
Carryover: -16.4
Date & Time: Mon Apr 04 10:35:30 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
	S1	STANDARD 1	0.0276				VAS	Mon Apr 04 10:15:21 2011
	S90	STANDARD 90	1.0294				VAS	Mon Apr 04 10:17:32 2011
	S91	STANDARD 91	0.7897				VAS	Mon Apr 04 10:19:47 2011
	S92	STANDARD 92	0.5389				VAS	Mon Apr 04 10:22:02 2011
	S93	STANDARD 93	0.2561				VAS	Mon Apr 04 10:24:16 2011
	S94	STANDARD 94	0.1243				VAS	Mon Apr 04 10:26:31 2011
	S95	STANDARD 95	0.0768				VAS	Mon Apr 04 10:28:46 2011
	S96	STANDARD 96	0.0469				VAS	Mon Apr 04 10:31:00 2011
	S97	STANDARD 97	0.0384				VAS	Mon Apr 04 10:33:15 2011
	S0	STANDARD 0	0.0258				VAS	Mon Apr 04 10:35:30 2011
3	ICB	ICB	0.0077	mg/L			VAS	Mon Apr 04 11:01:54 2011

4	ICV	ICV	2.6245	mg/L	VAS	Mon Apr 04 10:40:05 2011
5	MB	MB	-0.0296	mg/L	VAS	Mon Apr 04 12:29:01 2011
6	U1	NO2	2.7112	mg/L	VAS	Mon Apr 04 11:06:31 2011
7	LCS	LCS	2.5426	mg/L	VAS	Mon Apr 04 11:08:45 2011
8	U2	LOW	0.1474	mg/L	VAS	Mon Apr 04 11:11:00 2011
9	U3	HI	4.6270	mg/L	VAS	Mon Apr 04 11:13:15 2011
10	U4	11C1727-1	0.1836	mg/L	VAS	Mon Apr 04 11:15:30 2011
11	DUP	DUP	0.1582	mg/L	VAS	Mon Apr 04 11:17:45 2011
12	SPK	SPK	1.7859	mg/L	VAS	Mon Apr 04 12:30:02 2011
	CCV	C C V	2.6619	mg/L	VAS	Mon Apr 04 12:31:02 2011
	CCB	C C B	-0.0286	mg/L	VAS	Mon Apr 04 12:32:03 2011
13	U5	11C1255-12	0.0068ELL	mg/L	VAS	Mon Apr 04 11:26:46 2011
14	U6	11C1255-14	0.0062ELL	mg/L	VAS	Mon Apr 04 11:29:02 2011
15	U7	11C1255-13	0.0430	mg/L	VAS	Mon Apr 04 11:31:17 2011
16	U8	11C1255-48	0.0063ELL	mg/L	VAS	Mon Apr 04 11:33:36 2011
17	U9	11C1255-20	0.0060ELL	mg/L	VAS	Mon Apr 04 11:35:54 2011
18	U10	11C1255-2	0.0061ELL	mg/L	VAS	Mon Apr 04 11:38:13 2011
19	U11	11C1255-1	0.0054ELL	mg/L	VAS	Mon Apr 04 11:40:28 2011
20	U12	11C1255-5	0.0043ELL	mg/L	VAS	Mon Apr 04 11:42:44 2011
21	U13	11C1255-15	0.0060ELL	mg/L	VAS	Mon Apr 04 11:44:59 2011
22	U14	11C1727-2	0.1879	mg/L	VAS	Mon Apr 04 11:47:15 2011
23	DUP	DUP	0.2260	mg/L	VAS	Mon Apr 04 11:49:30 2011
24	SPK	SPK	2.0739	mg/L	VAS	Mon Apr 04 12:33:03 2011
	CCV	C C V	2.3975	mg/L	VAS	Mon Apr 04 12:34:04 2011
	CCB	C C B	-0.0303	mg/L	VAS	Mon Apr 04 12:35:05 2011
25	U15	11C1726-1	0.0187	mg/L	VAS	Mon Apr 04 11:58:39 2011
26	U16	11C1635-1	4.3292	mg/L	VAS	Mon Apr 04 11:59:39 2011
27	U17	11C1679-1	0.0198	mg/L	VAS	Mon Apr 04 12:00:40 2011
28	U18	11C1701-2	-0.0059ELL	mg/L	VAS	Mon Apr 04 12:01:40 2011
29	U19	11C1680-1	4.4929	mg/L	VAS	Mon Apr 04 12:02:41 2011
30	U20	11C1701-3	-0.0019ELL	mg/L	VAS	Mon Apr 04 12:03:41 2011
31	U21	11C1701-1	-0.0012ELL	mg/L	VAS	Mon Apr 04 12:04:41 2011
	CCV	C C V	2.2986	mg/L	VAS	Mon Apr 04 12:05:42 2011
	CCB	C C B	-0.0020	mg/L	VAS	Mon Apr 04 12:06:43 2011

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 14:05 Monday 4th April 2011
Tray Number: 1
Tray Name: NO3_110404B

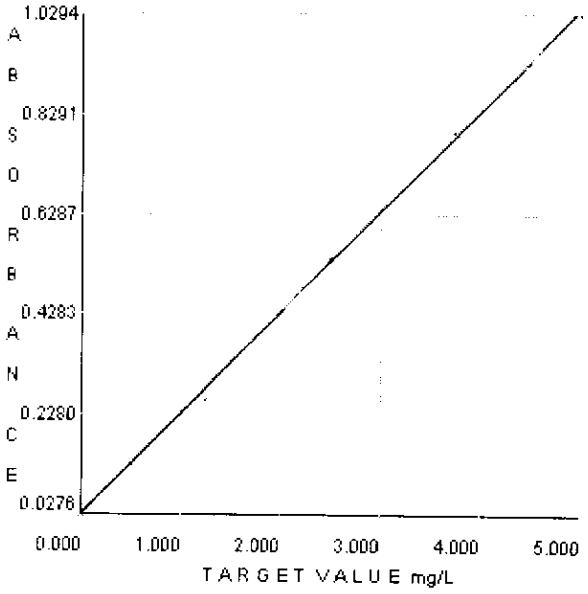
Nitrate 5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0276	0.0149	0.0000	
S90	1.0294	4.9744	5.0000	-0.5111
S91	0.7897	3.7876	3.7500	1.0030
S92	0.5389	2.5463	2.5000	1.8533
S93	0.2561	1.1460	1.2500	-8.3187
S94	0.1243	0.4937	0.5000	-1.2595
S95	0.0768	0.2583	0.2500	3.3174
S96	0.0469	0.1105	0.1000	10.4675
S97	0.0384	0.0682	0.0500	36.4409
S0	0.0258	0.0062	0.0000	

Polynomial Order: 1
Correlation Coefficient: 0.9997
Carryover: -16.4
Date & Time: Mon Apr 04 10:35:30 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	MB	MB	-0.0165	mg/L			VAS	Mon Apr 04 13:33:49 2011
4	LCS	LCS	2.5813	mg/L			VAS	Mon Apr 04 13:55:50 2011
5	U1	11D0068-1	-0.0213ELL	mg/L			VAS	Mon Apr 04 13:35:50 2011
6	U2	11D0077-1	2.4870	mg/L	x2.0000		VAS	Mon Apr 04 13:56:50 2011
7	U3	11C1255-11	2.0582	mg/L			VAS	Mon Apr 04 13:57:51 2011
8	U4	11C1255-06	-0.0145ELL	mg/L			VAS	Mon Apr 04 13:58:51 2011
9	U5	11C1255-10	0.0576	mg/L			VAS	Mon Apr 04 13:59:52 2011
	CCV	C C V	2.4554	mg/L			VAS	Mon Apr 04 14:00:52 2011
	CCB	C C B	-0.0414	mg/L			VAS	Mon Apr 04 14:01:53 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115045 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/05/2011 07:54 1115045 5046

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep NO2 Multiple Batches

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115045-BLK1	Blank	1	1		|	
1115045-BS1	LCS	1	1		1000 |	
1115045-DUP1	Duplicate [11D0094-01]	1	1		|	
1115045-DUP2	Duplicate [11D0093-03]	1	1		|	
1115045-MS1	Matrix Spike [11D0094-01]	1	1		50 |	
1115045-MS2	Matrix Spike [11D0093-03]	1	1		50 |	
11C1255-06	GL-05 (-25)	1	1	04/13/20		
11C1255-10	GL-15 (-6)	1	1	04/13/20		
11C1255-11	GL-15 (-36)	1	1	04/13/20		
11D0093-01	AA-1	1	1	04/13/20		
11D0093-02	AA-2	1	1	04/13/20		
11D0093-03	AA-3	1	1	04/13/20		
11D0093-04	AA-4	1	1	04/13/20		
11D0094-01	CL-1	1	1	04/13/20		
11D0094-02	CL-2	1	1	04/13/20		
11D0094-03	CL-3	1	1	04/13/20		
11D0094-04	Upstream	1	1	04/13/20		
11D0094-05	Downstream	1	1	04/13/20		

Standard(s):

MC10804	NO2 Matrix Spike, 5ppm	50uL or ug
MC10805	NO2, LCS/CCV, 0.5ppm	1000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/05/2011 07:54 1115045

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By BJ 4/5/11 Date

SEAL: Nitrite
EPA 353.2

#1115045-A
#1115046-B

Control #: 50-467
Effective Date: 8/19/2010
Page: 1 of 1

Date/time Started: 4/5/11

Analyst VAS

Reagent/Standard	Chemical #	Expiration Date	Reagent Position
Calibration Std (1mg-N/L)	MC 10803	4/8/11	
Matrix Spike (5mg-N/L)	MC 10804	4/8/11	
ICV/CCV/LCS (0.5mg-N/L)	MC 10801	4/8/11	9
CCB (DI Water)			1
Low Check Std (0.05mg-N/L)	MC 10806	4/8/11	
Sulfanilamide Color Reagent	See attachments		10
Ammonium Chloride Buffer			11

Tier 1 Review:					Tier 2 Review:			
Analyst/Date: VAS 4/5/11					Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <0.005 ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Cup dilution preparation documented?	✓							

Comments:

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 09:02 Tuesday 5th April 2011
Tray Number: 1
Tray Name: NO2_110405A

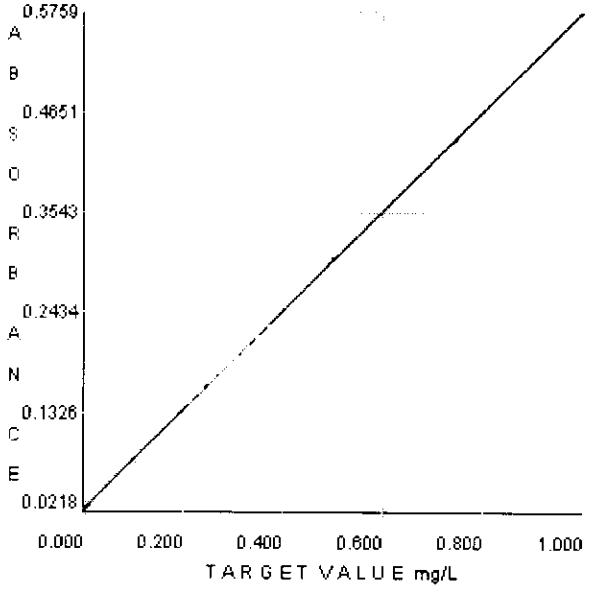
Nitrite 1.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0218	-0.0013	0.0000	
S90	0.0287	0.0113	0.0125	-9.6891
S91	0.0495	0.0489	0.0500	-2.2066
S92	0.0783	0.1010	0.1000	0.9514
S93	0.1616	0.2514	0.2500	0.5795
S94	0.3022	0.5059	0.5000	1.1711
S95	0.4343	0.7446	0.7500	-0.7208
S96	0.5759	1.0007	1.0000	0.0740
S0	0.0245	0.0035	0.0000	

Polynomial Order: 1
Correlation Coefficient: 1.0000
Carryover: 0.5
Date & Time: Tue Apr 05 08:04:51 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
	S1	STANDARD 1	0.0218				VAS	Tue Apr 05 07:54:06 2011
	S90	STANDARD 90	0.0287				VAS	Tue Apr 05 07:55:25 2011
	S91	STANDARD 91	0.0495				VAS	Tue Apr 05 07:56:44 2011
	S92	STANDARD 92	0.0783				VAS	Tue Apr 05 07:58:09 2011
	S93	STANDARD 93	0.1616				VAS	Tue Apr 05 07:59:28 2011
	S94	STANDARD 94	0.3022				VAS	Tue Apr 05 08:00:49 2011
	S95	STANDARD 95	0.4343				VAS	Tue Apr 05 08:02:12 2011
	S96	STANDARD 96	0.5759				VAS	Tue Apr 05 08:03:31 2011
	S0	STANDARD 0	0.0245				VAS	Tue Apr 05 08:04:51 2011
3	ICB	ICB	0.0002	mg/L			VAS	Tue Apr 05 08:06:10 2011
4	ICV	ICV	0.5402	mg/L			VAS	Tue Apr 05 08:07:30 2011

5	MB	MB	-0.0006	mg/L			VAS	Tue Apr 05 08:08:49 2011
6	LCS	LCS	0.5435	mg/L			VAS	Tue Apr 05 08:10:08 2011
7	U1	LOW	0.0500	mg/L			VAS	Tue Apr 05 08:11:27 2011
8	U2	HI	1.0044	mg/L	x10.0000		VAS	Tue Apr 05 08:52:25 2011
9	U3	11D0094-1	0.0019	mg/L			VAS	Tue Apr 05 08:14:05 2011
10	DUP	DUP	0.0031	mg/L			VAS	Tue Apr 05 08:15:23 2011
11	SPK	SPK	0.2232	mg/L			VAS	Tue Apr 05 08:16:46 2011
12	U4	11D0094-2	0.0004	mg/L			VAS	Tue Apr 05 08:18:07 2011
	CCV	C C V	0.4652	mg/L			VAS	Tue Apr 05 08:19:30 2011
	CCB	C C B	-0.0011	mg/L			VAS	Tue Apr 05 08:20:48 2011
13	U5	11D0094-3	0.0082	mg/L			VAS	Tue Apr 05 08:22:10 2011
14	U6	11D0094-4	0.0033	mg/L			VAS	Tue Apr 05 08:23:32 2011
15	U7	11D0094-5	0.0037	mg/L			VAS	Tue Apr 05 08:24:30 2011
16	U8	11C1255-6	0.0012	mg/L			VAS	Tue Apr 05 08:25:32 2011
17	U9	11C1255-11	0.0737	mg/L			VAS	Tue Apr 05 08:26:26 2011
18	U10	11C1255-10	0.0953	mg/L			VAS	Tue Apr 05 08:27:19 2011
19	U11	11D0093-4	0.0054	mg/L			VAS	Tue Apr 05 08:28:12 2011
20	U12	11D0093-2	0.0014	mg/L			VAS	Tue Apr 05 08:29:06 2011
21	U13	11D0093-3	0.0025	mg/L			VAS	Tue Apr 05 08:29:59 2011
22	DUP	DUP	0.0048	mg/L			VAS	Tue Apr 05 08:30:53 2011
23	SPK	SPK	0.2594	mg/L			VAS	Tue Apr 05 08:31:46 2011
	CCV	C C V	0.4595	mg/L			VAS	Tue Apr 05 08:32:40 2011
	CCB	C C B	-0.0008	mg/L			VAS	Tue Apr 05 08:33:34 2011
24	U14	11D0093-1	0.0027	mg/L			VAS	Tue Apr 05 08:34:27 2011
	CCV	C C V	0.4614	mg/L			VAS	Tue Apr 05 08:35:21 2011
	CCB	C C B	-0.0031	mg/L			VAS	Tue Apr 05 08:36:15 2011
	CCB	CONTROL 12	-0.0008	mg/L				Tue Apr 05 08:50:37 2011
	CCV	CONTROL 11	0.4672	mg/L				Tue Apr 05 08:51:31 2011
	CCB	CONTROL 12	-0.0035	mg/L				Tue Apr 05 08:53:18 2011
	CCV	CONTROL 11	0.4543	mg/L				Tue Apr 05 08:54:12 2011

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 10:08 Tuesday 5th April 2011
Tray Number: 1
Tray Name: NO2_110405B

(3)

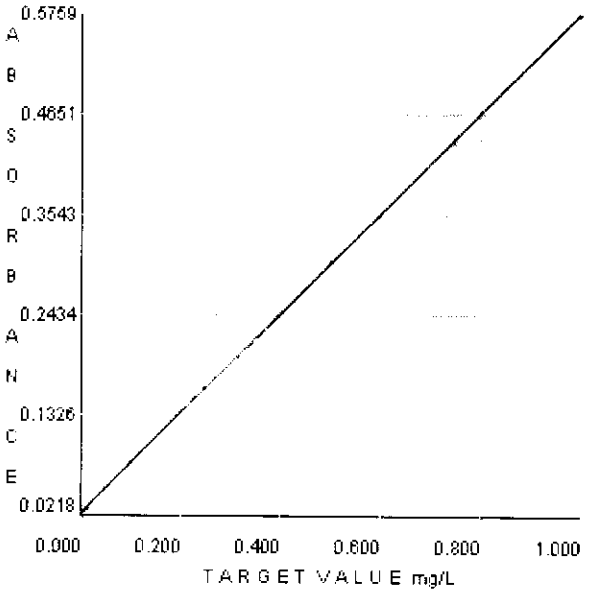
Nitrite 1.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0218	-0.0013	0.0000	
S90	0.0287	0.0113	0.0125	-9.6891
S91	0.0495	0.0489	0.0500	-2.2066
S92	0.0783	0.1010	0.1000	0.9514
S93	0.1616	0.2514	0.2500	0.5795
S94	0.3022	0.5059	0.5000	1.1711
S95	0.4343	0.7446	0.7500	-0.7208
S96	0.5759	1.0007	1.0000	0.0740
S0	0.0245	0.0035	0.0000	

Polynomial Order: 1
Correlation Coefficient: 1.0000
Carryover: 0.5
Date & Time: Tue Apr 05 08:04:51 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	MB	MB	0.0138	mg/L			VAS	Tue Apr 05 09:19:37 2011
4	LCS	LCS	0.5483	mg/L			VAS	Tue Apr 05 09:20:31 2011
5	U1	11C1474-1	5.5636	mg/L	x10.0000		VAS	Tue Apr 05 09:39:21 2011
	CCV	C C V	0.4611	mg/L			VAS	Tue Apr 05 09:22:17 2011
	CCB	C C B	0.0080	mg/L			VAS	Tue Apr 05 09:23:11 2011
	CCB	CONTROL 12	0.0047	mg/L				Tue Apr 05 09:37:34 2011
	CCV	CONTROL 11	0.4671	mg/L				Tue Apr 05 09:38:27 2011
	CCB	CONTROL 12	-0.0033	mg/L				Tue Apr 05 09:40:14 2011
	CCV	CONTROL 11	0.4595	mg/L				Tue Apr 05 09:41:07 2011

needed NO_2 # just for NO_3 only results was ran past hold time and shelved in closet.

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115047 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/05/2011 10:36 1115047

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep TWB

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115047-BLK1	Blank	1	1		|	
1115047-BS1	LCS	1	1		1 |	
1115047-DUP1	Duplicate [11C1255-06]	1	1		|	
11C1255-06	GL-05 (-25)	1	1	04/18/20		
11C1255-10	GL-15 (-6)	1	1	04/18/20		
11C1255-11	GL-15 (-36)	1	1	04/18/20		
11D0094-01	CL-1	1	1	04/13/20		
11D0094-02	CL-2	1	1	04/13/20		
11D0094-03	CL-3	1	1	04/13/20		
11D0094-04	Upstream	1	1	04/13/20		
11D0094-05	Downstream	1	1	04/13/20		

Standard(s):
ML00205 Turbidity Std 10.0 1uL or ug

Reagent ID# Description Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/05/2011 10:36 1115047
Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?			✓	

Bernadette Hemmig 4/5/11
Analyst Date

BJ 4/5/11
Reviewed By Date

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010
Page: 1 of 2

Date: 4/5/11 Time: 1037 Analyst: BMC

40 NTU Standard	Chemical #:	MF02819	Expiration Date: 6/30/11
10 NTU Calibration Standard	Chemical #:	ML00205	Expiration Date: 11/30/11
1.0 NTU Standard	Chemical #:	ML00206	Expiration Date: 11/1/11
0.2 NTU Standard	Chemical #:	MF02818	Expiration Date: 6/30/11
1000 NTU Standard	Chemical #:	MG00913	Expiration Date: 7/31/11

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00		
10 Cal. Check (ICV)	10.03		
40 NTU	39.1		
1 NTU	1.05		
0.2 NTU	0.20		
1000 NTU	640		
11C1255-06	28.7		x20
Dup	28.6		x20
-10	0.34		
-11	0.20		
11D0094-01	32.0		
-02	1.14		
-03	15.82		X10
-04	~~2.85~~ BC 4/5/11	2.85	
-05	5.93		
CCB	0.00		
CCV (10 NTU)	10.01		
DUP			
CCB			
CCV (10 NTU)			

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04 2010

1st Tier					2nd Tier			
Initials/Date: BMC 4/5/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was standard verified and documented?	✓							
Was method blank ≤ 0.05 NTU?	✓							
If no, was blank reanalyzed with fresh sample?			✓					
Were all samples analyzed within holding time (48 hours)?	✓							
If no, were results footnoted in notebook and LIMS?			✓					
Are all Chemical and solution # documented?	✓							
Were all standards within expiration date?	✓							
Was 10 NTU Calibration Check recovery within 95-105%	✓							
If not, was instrument recalibrated?			✓					
Was 40 NTU LCS within acceptance limits?	✓							
Was 1.0 NTU LCS within acceptance limits?	✓							
Was low check within acceptance limits?	✓							
Was a duplicate performed every 10 samples?	✓							
Was RPD within acceptance limits?	✓							
Was a CCB and CCV analyzed after every 10 samples?	✓							
Was a CCB and CCV analyzed after the last sample?	✓							
Were all CCBs and CCVs acceptable?	✓							
Was all QC data charted?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments/ Tier 1: _____

_____

_____

_____

Comments/ Tier 2: _____

_____

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115064 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/05/2011 13:00 1115064

Prepared by: LCR

Prepared using: WetChem - COD_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (ml)	Due Date	Spike Amount uL 1 | 2	Comments
1115064-BLK1	Blank	50	50		|	
1115064-BLK2	Blank	50	50		|	
1115064-BLK3	Blank	50	50		|	
1115064-BS1	LCS	50	50		2000 |	
1115064-BS2	LCS	50	50		2000 |	
1115064-BS3	LCS	50	50		2000 |	
1115064-CCB1	Calibration Blank	50	50		|	
1115064-CCB2	Calibration Blank	50	50		|	
1115064-CCB3	Calibration Blank	50	50		|	
1115064-CCV1	Calibration Check	50	50		200 |	
1115064-CCV2	Calibration Check	50	50		200 |	
1115064-CCV3	Calibration Check	50	50		200 |	
1115064-DUP1	Duplicate [11C0963-01]	50	50		|	
1115064-DUP2	Duplicate [11C1643-01]	50	50		|	
1115064-DUP3	Duplicate [11D0094-01]	50	50		|	
1115064-MS1	Matrix Spike [11C0963-01]	50	50		250 |	
1115064-MS2	Matrix Spike [11C1643-01]	50	50		250 |	
1115064-MS3	Matrix Spike [11D0094-01]	50	50		250 |	
11C0963-01	Site 9	50	50	04/14/20		
11C1255-01	GL-02 (-5)	50	50	04/18/20		
11C1255-02	GL-02 (-29)	50	50	04/18/20		
11C1255-05	GL-05 (-7)	50	50	04/18/20		
11C1255-06	GL-05 (-25)	50	50	04/18/20		
11C1255-10	GL-15 (-6)	50	50	04/18/20		
11C1255-11	GL-15 (-36)	50	50	04/18/20		
11C1255-12	GL-16 (-6)	50	50	04/18/20		
11C1255-13	GL-16 (-32)	50	50	04/18/20		
11C1255-48	Duplicate	50	50	04/18/20		
11C1643-01	Site 26	50	50	04/14/20		
11C1644-01	Site 25	50	50	04/14/20		
11C1645-01	Site 20	50	50	04/14/20		
11D0094-01	CL-1	50	50	04/13/20		
11D0094-02	CL-2	50	50	04/13/20		
11D0094-03	CL-3	50	50	04/13/20		
11D0094-04	Upstream	50	50	04/13/20		
11D0094-05	Downstream	50	50	04/13/20		
11D0107-01	T1 Scrubber Condensate	50	50	04/06/20		

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/05/2011 13:00 1115064

Prepared by: LCR

Prepared using: WetChem - COD_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (ml)	Due Date	Spike Amount uL 1 | 2	Comments
11D0107-02	Process Water	50	50	04/06/20		
11D0195-01	Site 3 (Dry Weather)	50	50	04/13/20		

! /*%*.1234		
MC10215	COD MS Stock, 10.000ppm	250uL or ug
MC12308	COD LCS, 40mg/L	200uL or ug
		2000uL or ug

Reagent ID#	Description	Lot Number
MC12230	COD Vials	

! '#$%&#' '#( )

+. /012 3045(+789: ; <	>8;	(4	($	(438; (? @ /0482; (+ 4B B 853 <
Calibration Coeficient Acceptable for all needed analytes?	—			
ICV recoveries acceptable?	—			
ICB concentrations < 1/2 MRL?	—			
HCV check recoveries acceptable?	—			
LCV recoveries acceptable?	+		✓	
$5. /=; 0 <				
Bracketing CCV recoveries acceptable?	—			
Bracketing CCB concentrations < 1/2 MRL?	—			
Method Blank concentrations < 1/2 MRL?	—			
LCS (BS) recoveries acceptable?	—			
Sample Duplicate RPDs acceptable?	—	✓		Site #3
MS/MSD recoveries acceptable?	—			
MS/MSD RPDs acceptable?	—			
	—			

Analyst Date 4-6-11

Reviewed By BJ Date 4/6/11

COD by EPA410.4/HACH8000

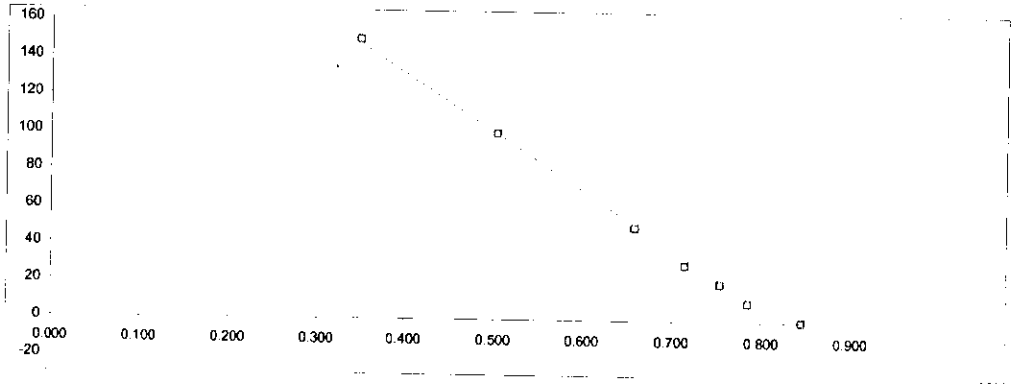
Initial Calibration Date:
Analyst: LCR
Prep Date/Time: 4/5/2011 13:00
Analysis Date/Time: 4/6/2011 7:00
Analyte: COD, Total
Method: EPA 410.4
mg/L

Response	Standard ID	Actual Concentration	Calculated Value (mg/L)
0.845		0	-6.962
0.785		10	11.831
0.754		20	21.540
0.715		30	33.755
0.659		50	51.294
0.503		100	100.154
0.349		150	148.387

Batch ID: 1115064

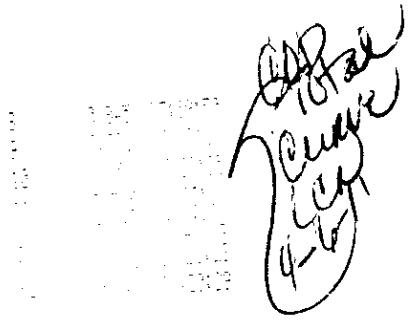
LINEAR EQUATION
y=a+bx

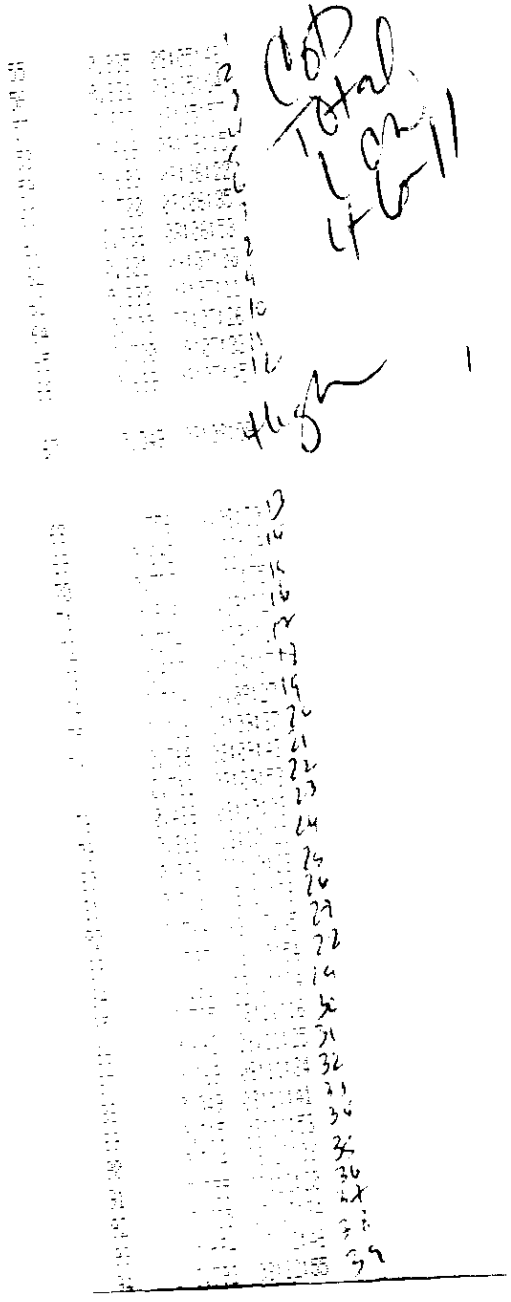
a=	0.8227732
b=	-0.0031928
r=	-0.9979770



Calculation: COD mg/L = (Raw value from curve) * DF
Calculation: COD mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Sample #	50	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Aliquot (mls)	Extraction Volume (mls)	Final Volume (ml)	Analyte	Net DF	RawVal	Final Conc. mg/L	Final Conc. mg/kg	Comments
1	1115064-BLK1	-	Blank	0.835	4/6/11 7:00		50		1	COD	1	-3.829483747	-3.829483747	0	
2	1115064-BLK2	-	Blank	0.831	4/6/11 7:02		50		1	COD	1	-2.576666832	-2.576666832	0	
3	1115064-BLK3	-	Blank	0.835	4/6/11 7:04		50		1	COD	1	-3.829483747	-3.829483747	0	
4	1115064-BS1	-	LCS	0.689	4/6/11 7:06		50		1	COD	1	41.89822769	41.89822769	0	
5	1115064-BS2	-	LCS	0.689	4/6/11 7:08		50		1	COD	1	41.89822769	41.89822769	0	
6	1115064-BS3	-	LCS	0.7	4/6/11 7:10		50		1	COD	1	38.4529953	38.4529953	0	
7	1115064-CCB1	-	Calibration Blank	0.836	4/6/11 7:12		50		1	COD	1	-4.142702103	-4.142702103	0	
8	1115064-CCB2	-	Calibration Blank	0.831	4/6/11 7:14		50		1	COD	1	-2.576666832	-2.576666832	0	
9	1115064-CCB3	-	Calibration Blank	0.833	4/6/11 7:16		50		1	COD	1	-3.203084707	-3.203084707	0	
10	1115064-CCV1	-	Calibration Check	0.7	4/6/11 7:18		50		1	COD	1	38.4529953	38.4529953	0	
11	1115064-CCV2	-	Calibration Check	0.7	4/6/11 7:20		50		1	COD	1	38.4529953	38.4529953	0	
12	1115064-CCV3	-	Calibration Check	0.689	4/6/11 7:22		50		1	COD	1	41.89822769	41.89822769	0	
13	1115064-DUP1	11C0963-01	Duplicate	0.756	4/6/11 7:24		50		1	COD	1	20.91359711	20.91359711	0	
14	1115064-DUP2	11C1643-01	Duplicate	0.692	4/6/11 7:26		50		1	COD	1	40.95862961	40.95862961	0	
15	1115064-DUP3	11D0094-01	Duplicate	0.777	4/6/11 7:28		50		1	COD	1	14.3363142	14.3363142	0	
16	1115064-MS1	11C0963-01	Matrix Spike	0.614	4/6/11 7:30		50		1	COD	1	65.3884964	65.3884964	0	
17	1115064-MS2	11C1643-01	Matrix Spike	0.534	4/6/11 7:32		50		1	COD	1	90.4447937	90.4447937	0	
18	1115064-MS3	11D0094-01	Matrix Spike	0.637	4/6/11 7:34		50		1	COD	1	58.18481064	58.18481064	0	
19	11C0963-01	Site 9	Sample	0.759	4/6/11 7:36		50		1	COD	1	19.97397995	19.97397995	0	
20	11C1255-01	GL-02 (-5)	Sample	0.525	4/6/11 7:38		25		1	COD	2	93.2636261	186.5272522	0	
21	11C1255-02	GL-02 (-29)	Sample	0.766	4/6/11 7:40		50		1	COD	1	17.78156471	17.78156471	0	
22	11C1255-05	GL-05 (-7)	Sample	0.711	4/6/11 7:42		50		1	COD	1	35.00774384	35.00774384	0	
23	11C1255-06	GL-05 (-25)	Sample	0.486	4/6/11 7:44		50		1	COD	1	105.4785614	105.4785614	0	
24	11C1255-10	GL-15 (-6)	Sample	0.818	4/6/11 7:46		50		1	COD	1	1.49496448	1.49496448	0	
25	11C1255-11	GL-15 (-36)	Sample	0.806	4/6/11 7:48		50		1	COD	1	5.253415108	5.253415108	0	
26	11C1255-12	GL-16 (-6)	Sample	0.716	4/6/11 7:50		50		1	COD	1	33.4417305	33.4417305	0	
27	11C1255-13	GL-16 (-32)	Sample	0.789	4/6/11 7:52		50		1	COD	1	10.57788181	10.57788181	0	
28	11C1255-48	Duplicate	Sample	0.737	4/6/11 7:54		50		1	COD	1	26.86446381	26.86446381	0	
29	11C1643-01	Site 26	Sample	0.693	4/6/11 7:56		50		1	COD	1	40.64541245	40.64541245	0	
30	11C1644-01	Site 25	Sample	0.705	4/6/11 7:58		50		1	COD	1	36.88698196	36.88698196	0	
31	11C1645-01	Site 20	Sample	0.693	4/6/11 8:00		50		1	COD	1	40.64541245	40.64541245	0	
32	11D0094-01	CL-1	Sample	0.769	4/6/11 8:02		50		1	COD	1	16.84194756	16.84194756	0	
33	11D0094-02	CL-2	Sample	0.849	4/6/11 8:04		50		1	COD	1	-8.214333534	-8.214333534	0	
34	11D0094-03	CL-3	Sample	0.815	4/6/11 8:06		50		1	COD	1	2.434581757	2.434581757	0	
35	11D0094-04	Upstream	Sample	0.784	4/6/11 8:08		50		1	COD	1	12.14389896	12.14389896	0	
36	11D0094-05	Downstream	Sample	0.755	4/6/11 8:10		50		1	COD	1	21.2267971	21.2267971	0	
37	11D0107-01	T1 Scrubber Condensate	Sample	0.535	4/6/11 8:12		25		1	COD	2	90.13157654	180.2631531	0	
38	11D0107-02	Process Water	Sample	0.684	4/6/11 8:14		50		1	COD	1	43.46424484	43.46424484	0	
39	11D0195-01	Site 3 (Dry Weather)	Sample	0.792	4/6/11 8:16		50		1	COD	1	9.638264656	9.638264656	0	





Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115076 **Matrix:** Water **Department:** Metals

PREPARATION BENCH SHEET

1115076

Sequence: MIDO815

Prepared: 04/05/2011 14:57
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division
Prepared using: Metals - EPA 200.2 ICP

Calibration:

Printed: 4/7/2011 9:22:19AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1115076-BLK1		50	50				
1115076-BS1		50	50	MK00811		500	
1115076-DUP1		50	50		11C1255-02		Dup LPS 10x
1115076-MS1		50	50	MK00811	11C1255-02	500	
1115076-MSD1		50	50	MK00811	11C1255-02	500	
11C1255-01	04/13/2011 15:00	50	50				10x 5x
Severstal Sparrows Point			GL-02 (-5)				
M_Ca_ICP	*M_Fe_ICP*		*M_K_ICP*	*M_Mg_ICP*		*M_Na_ICP*	
11C1255-02		50	50	Added for BatchQC in: 1115076			BatchQC 10x
Severstal Sparrows Point			GL-02 (-29)				
D_Ca_ICP	*M_Na_ICP*		*M_Mg_ICP*	*M_K_ICP*	*M_Fe_ICP*	*M_Ca_ICP*	*D_Na_ICP* *D_Mg_ICP*
D_Fe_ICP	*D_K_ICP*						
11C1255-05	04/18/2011 15:00	50	50				5x all 10
Severstal Sparrows Point			GL-05 (-7)				
M_Na_ICP	*M_Fe_ICP*		*M_Ca_ICP*	*M_Mg_ICP*		*M_K_ICP*	
11C1255-06	04/13/2011 15:00	50	50				10x
Severstal Sparrows Point			GL-05 (-25)				
M_Ca_ICP	*M_Fe_ICP*		*M_K_ICP*	*M_Mg_ICP*		*M_Na_ICP*	
11C1255-10	04/18/2011 15:00	50	50				10x
Severstal Sparrows Point			GL-15 (-6)				
M_K_ICP	*M_Mg_ICP*		*M_Fe_ICP*	*M_Ca_ICP*		*M_Na_ICP*	
~~**11C1255-11**~~	~~04/13/2011 15:00~~	~~50~~	50				5x 10x
Severstal Sparrows Point			GL-15 (-36)				
M_Ca_ICP	*M_Fe_ICP*		*M_K_ICP*	*M_Mg_ICP*		*M_Na_ICP*	
11C1255-12	04/18/2011 15:00	50	50				10x
Severstal Sparrows Point			GL-16 (-6)				
M_Na_ICP	*M_Ca_ICP*		*M_Fe_ICP*	*M_K_ICP*		*M_Mg_ICP*	
11C1255-13	04/18/2011 15:00	50	50				10x
Severstal Sparrows Point			GL-16 (-32)				

11 1,10,13,14,15,20,1

11C1255-11 Na

05,06 Fe 47,49,48

K 2, Dup, PS1, 14, 20

4/5 14:03

1-51, 142-261, 263-264
1-51, 176-188, 190-191

PREPARATION BENCH SHEET

1115076

Sequence:

Calibration:

Prepared: 04/05/2011 14:57
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 4/7/2011 9:22:19AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
M_Fe_ICP	*M_K_ICP*		*M_Mg_ICP*	*M_Na_ICP* 100		*M_Ca_ICP*	
11C1255-14	04/13/2011 15:00	50	50				
Severstal Sparrows Point			GL-17 (-1)				10 f
M_Ca_ICP	*M_Fe_ICP*		*M_K_ICP*	*M_Mg_ICP*		*M_Na_ICP*	
11C1255-15	04/13/2011 15:00	50	50				
Severstal Sparrows Point			GL-17 (-31)				10 f
M_Ca_ICP	*M_Na_ICP* 100 f		*M_Mg_ICP*	*M_Fe_ICP*		*M_K_ICP*	
11C1255-20	04/13/2011 15:00	50	50				
Severstal Sparrows Point			TS-01 (-7)				10 f
M_Ca_ICP	*M_Fe_ICP*		*M_K_ICP*	*M_Mg_ICP*		*M_Na_ICP* 100 f	
11C1255-45	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-02 (-5) Dissolved				10 x
D_Fe_ICP	*D_Na_ICP*		*D_Mg_ICP*	*D_Ca_ICP*		*D_K_ICP*	
11C1255-46	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-02 (-29) Dissolved				10x
D_Ca_ICP	*D_Fe_ICP*		*D_K_ICP*	*D_Mg_ICP*		*D_Na_ICP*	
11C1255-47	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-05 (-7) Dissolved				10 x
D_K_ICP	*D_Mg_ICP*		*D_Fe_ICP*	*D_Ca_ICP*		*D_Na_ICP*	
11C1255-48	04/13/2011 15:00	50	50				
Severstal Sparrows Point			Duplicate				10 f
M_Ca_ICP	*M_Fe_ICP*		*M_K_ICP*	*M_Mg_ICP*		*M_Na_ICP*	
11C1255-49	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-05 (-25) Dissolved				10 x
D_Na_ICP	*D_Ca_ICP*		*D_Fe_ICP*	*D_K_ICP*		*D_Mg_ICP*	

PREPARATION BENCH SHEET

1115076

Sequence: M1D081S

Calibration:

Prepared: 04/05/2011 14:57
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 4/7/2011 9:22:19AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?	✓			
LCV recoveries acceptable?	✓		✓	
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓	✓		CCB7 out for Fe footnoted and CCBs and MSDs
Interferent Checks acceptable?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓	✓		See FS for K & Na. MSD 125% for Mg MS OK
MS/MSD RPDs acceptable?	✓			

AB 4/11/11
Analyst Date

BJ 4/12/11
Reviewed By Date

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115077 **Matrix:** Water **Department:** Metals

PREPARATION BENCH SHEET

1115077

Sequence: MID0803

Calibration: MD1001

Prepared: 04/05/2011 15:02
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division
Prepared using: Metals - EPA 200.2 ICPMS

Printed: 4/7/2011 8:51:13AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1115077-BLK1		50	50				
1115077-BS1		50	50	MK00811		100	Mn Re SEQ: MID0808
1115077-DUP1		50	50		11C1255-05		
1115077-MS1		50	50	MK00811	11C1255-05	100	Be Tl V Se SEQ: MID0810
1115077-MSD1		50	50	MK00811	11C1255-05	100	
1115077-PS1		~~50~~ 10	~~50~~ 10	MC12822	11C1255-05	100	Be Tl V Se SEQ: MID1303
11C1255-01	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-02 (-5)				
M_Mn_ICPMS	M_Zn_ICPMS	M_V_ICPMS	M_Tl_ICPMS	M_Se_ICPMS	M_Sb_ICPMS	M_Ni_ICPMS	M_Ba_ICPMS
M_Pb_ICPMS	M_As_ICPMS	M_Cu_ICPMS	M_Be_ICPMS	M_Cd_ICPMS	M_Co_ICPMS	M_Cr_ICPMS	M_Ag_ICPMS
11C1255-02	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-02 (-29)				
M_Ni_ICPMS	M_Be_ICPMS	M_Zn_ICPMS	M_V_ICPMS	M_Tl_ICPMS	M_Se_ICPMS	M_Sb_ICPMS	M_Pb_ICPMS
M_Cu_ICPMS	M_Cr_ICPMS	M_Cd_ICPMS	M_Ba_ICPMS	M_As_ICPMS	M_Ag_ICPMS	M_Mn_ICPMS	M_Co_ICPMS
11C1255-05	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-05 (-7)				
M_Tl_ICPMS	M_Ba_ICPMS	M_Be_ICPMS	M_Cd_ICPMS	M_Co_ICPMS	M_Cr_ICPMS	M_Cu_ICPMS	M_Mn_ICPMS
M_Ni_ICPMS	M_Pb_ICPMS	M_Se_ICPMS	M_Zn_ICPMS	M_V_ICPMS	M_As_ICPMS	M_Sb_ICPMS	D_Cd_ICPMS
M_Ag_ICPMS	D_Ag_ICPMS	D_As_ICPMS	D_Be_ICPMS	D_Cr_ICPMS	D_Cu_ICPMS	D_Mn_ICPMS	D_Tl_ICPMS
D_Zn_ICPMS	D_Ba_ICPMS	D_V_ICPMS	D_Ni_ICPMS	D_Se_ICPMS	D_Sb_ICPMS	D_Pb_ICPMS	
11C1255-06	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-05 (-25)				
~~M_Ni_ICPMS~~	~~M_Ag_ICPMS~~	~~M_Ba_ICPMS~~	~~M_V_ICPMS~~	~~M_Tl_ICPMS~~	~~M_Se_ICPMS~~	~~M_Sb_ICPMS~~	~~M_Pb_ICPMS~~
M_Zn_ICPMS	M_Mn_ICPMS	M_Cu_ICPMS	M_Cr_ICPMS	M_Co_ICPMS	M_Be_ICPMS	M_As_ICPMS	M_Cd_ICPMS
11C1255-10	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-15 (-6)				
M_Mn_ICPMS	M_V_ICPMS	M_Tl_ICPMS	M_Se_ICPMS	M_Sb_ICPMS	M_Zn_ICPMS	M_Ni_ICPMS	M_Ag_ICPMS
M_Cu_ICPMS	M_Pb_ICPMS	M_As_ICPMS	M_Ba_ICPMS	M_Be_ICPMS	M_Cd_ICPMS	M_Co_ICPMS	M_Cr_ICPMS
11C1255-11	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-15 (-36)				

PREPARATION BENCH SHEET

1115077

Sequence:

Calibration:

Prepared: 04/05/2011 15:02
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICPMS

Printed: 4/7/2011 8:51:13AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments	
M_Se_ICPMS	*M_Mn_ICPMS*		*M_Tl_ICPMS*	*M_Sb_ICPMS*	*M_Pb_ICPMS*	*M_Ni_ICPMS*	*M_Zn_ICPMS*	*M_Ag_ICPMS*
M_Cr_ICPMS	*M_Co_ICPMS*		*M_Cd_ICPMS*	*M_Be_ICPMS*	*M_Ba_ICPMS*	*M_As_ICPMS*	*M_V_ICPMS*	*M_Cu_ICPMS*
11C1255-12	04/18/2011 15:00	50	50					
Severstal Sparrows Point			GL-16 (-6)					
M_Pb_ICPMS	*M_Sb_ICPMS*		*M_Se_ICPMS*	*M_Tl_ICPMS*	*M_Ni_ICPMS*	*M_Zn_ICPMS*	*M_Cd_ICPMS*	*M_V_ICPMS*
M_Mn_ICPMS	*M_Cu_ICPMS*		*M_Co_ICPMS*	*M_Be_ICPMS*	*M_Ba_ICPMS*	*M_As_ICPMS*	*M_Ag_ICPMS*	*M_Cr_ICPMS*
11C1255-13	04/18/2011 15:00	50	50					
Severstal Sparrows Point			GL-16 (-32)					
M_Cd_ICPMS	*M_Ag_ICPMS*		*M_As_ICPMS*	*M_Se_ICPMS*	*M_Be_ICPMS*	*M_Zn_ICPMS*	*M_Tl_ICPMS*	*M_Sb_ICPMS*
M_Pb_ICPMS	*M_Ni_ICPMS*		*M_Mn_ICPMS*	*M_Cu_ICPMS*	*M_Cr_ICPMS*	*M_Co_ICPMS*	*M_Ba_ICPMS*	*M_V_ICPMS*
11C1255-14	04/18/2011 15:00	50	50					
Severstal Sparrows Point			GL-17 (-1)					
M_Cd_ICPMS	*M_Ni_ICPMS*		*M_Zn_ICPMS*	*M_V_ICPMS*	*M_Tl_ICPMS*	*M_Se_ICPMS*	*M_Sb_ICPMS*	*M_Pb_ICPMS*
M_As_ICPMS	*M_Cu_ICPMS*		*M_Ag_ICPMS*	*M_Co_ICPMS*	*M_Be_ICPMS*	*M_Ba_ICPMS*	*M_Mn_ICPMS*	*M_Cr_ICPMS*
11C1255-15	04/18/2011 15:00	50	50					
Severstal Sparrows Point			GL-17 (-31)					
M_Pb_ICPMS	*M_Sb_ICPMS*		*M_Se_ICPMS*	*M_Tl_ICPMS*	*M_Zn_ICPMS*	*M_Cd_ICPMS*	*M_Ni_ICPMS*	*M_V_ICPMS*
M_Ag_ICPMS	*M_Cu_ICPMS*		*M_Co_ICPMS*	*M_Mn_ICPMS*	*M_Be_ICPMS*	*M_Ba_ICPMS*	*M_As_ICPMS*	*M_Cr_ICPMS*
11C1255-20	04/18/2011 15:00	50	50					
Severstal Sparrows Point			TS-01 (-7)					
M_Ni_ICPMS	*M_Pb_ICPMS*		*M_Sb_ICPMS*	*M_Se_ICPMS*	*M_V_ICPMS*	*M_Cr_ICPMS*	*M_Zn_ICPMS*	*M_Tl_ICPMS*
M_Cu_ICPMS	*M_Co_ICPMS*		*M_Cd_ICPMS*	*M_Be_ICPMS*	*M_Ba_ICPMS*	*M_As_ICPMS*	*M_Ag_ICPMS*	*M_Mn_ICPMS*
11C1255-45	04/18/2011 15:00	50	50					
Severstal Sparrows Point			GL-02 (-5) Dissolved					
D_Cu_ICPMS	*D_V_ICPMS*		*D_Tl_ICPMS*	*D_Se_ICPMS*	*D_Sb_ICPMS*	*D_Pb_ICPMS*	*D_Zn_ICPMS*	*D_Cr_ICPMS*
D_Cd_ICPMS	*D_Be_ICPMS*		*D_Ba_ICPMS*	*D_As_ICPMS*	*D_Ag_ICPMS*	*D_Mn_ICPMS*	*D_Ni_ICPMS*	
11C1255-46	04/18/2011 15:00	50	50					
Severstal Sparrows Point			GL-02 (-29) Dissolved					
D_Cu_ICPMS	*D_Zn_ICPMS*		*D_V_ICPMS*	*D_Tl_ICPMS*	*D_Se_ICPMS*	*D_Sb_ICPMS*	*D_Pb_ICPMS*	*D_Mn_ICPMS*
D_Cr_ICPMS	*D_Cd_ICPMS*		*D_Be_ICPMS*	*D_Ba_ICPMS*	*D_As_ICPMS*	*D_Ag_ICPMS*	*D_Ni_ICPMS*	

PREPARATION BENCH SHEET

1115077

Sequence:

Calibration:

Prepared: 04/05/2011 15:02
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICPMS

Printed: 4/7/2011 8:51:13AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
11C1255-47	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-05 (-7) Dissolved				
D_Mn_ICPMS	*D_Sb_ICPMS*		*D_V_ICPMS*	*D_Se_ICPMS*	*D_Zn_ICPMS*	*D_Pb_ICPMS*	*D_Ni_ICPMS*	*D_Cr_ICPMS*
D_Cd_ICPMS	*D_Be_ICPMS*		*D_Ba_ICPMS*	*D_As_ICPMS*	*D_Ag_ICPMS*	*D_Tl_ICPMS*	*D_Cu_ICPMS*	
11C1255-48	04/18/2011 15:00	50	50				
Severstal Sparrows Point			Duplicate				
M_Pb_ICPMS	*M_Zn_ICPMS*		*M_V_ICPMS*	*M_Tl_ICPMS*	*M_Sb_ICPMS*	*M_Ni_ICPMS*	*M_Mn_ICPMS*	*M_Ag_ICPMS*
M_Cr_ICPMS	*M_Co_ICPMS*		*M_Cd_ICPMS*	*M_Be_ICPMS*	*M_Ba_ICPMS*	*M_As_ICPMS*	*M_Se_ICPMS*	*M_Cu_ICPMS*
11C1255-49	04/18/2011 15:00	50	50				
Severstal Sparrows Point			GL-05 (-25) Dissolved				
D_Pb_ICPMS	*D_Sb_ICPMS*		*D_Se_ICPMS*	*D_Ni_ICPMS*	*D_V_ICPMS*	*D_Ba_ICPMS*	*D_Tl_ICPMS*	*D_Mn_ICPMS*
D_Cu_ICPMS	*D_Cr_ICPMS*		*D_Be_ICPMS*	*D_As_ICPMS*	*D_Ag_ICPMS*	*D_Zn_ICPMS*	*D_Cd_ICPMS*	

PREPARATION BENCH SHEET

1115077

Sequence:

Calibration:

Prepared: 04/05/2011 15:02
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division
Prepared using: Metals - EPA 200.2 ICPMS

Printed: 4/7/2011 8:51:13AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?		✓		Sb↑, Ag↑ U4
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?		✓		Sb↑, Ag U1, ~~Be↑ CCV#4~~ U1
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	-	✓		Sb↑ C2
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓			

Analyst 4/13/11 Date

Reviewed By 4/13/11 Date

SEQ MD0803 CCV ↓ for V, Mn, Be reanalyzed all samples > MRL
CCV#4 ↓ for Tl + Se - reanalyzed all samples
- Samples that were diluted were diluted due to sample matrix

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115125 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/06/2011 11:00 1115125 , 5138

Prepared by: VAS

Prepared using: WetChem - NH3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115125-BLK1	Blank	100	100		|	
1115125-BS1	LCS	100	100		200 |	
1115125-DUP1	Duplicate [11D0073-01]	100	100		|	
1115125-DUP2	Duplicate [11D0094-02]	100	100		|	
1115125-MS1	Matrix Spike [11D0073-01]	100	100		250 |	
1115125-MS2	Matrix Spike [11D0094-02]	100	100		200 |	
11C1255-06	GL-05 (-25)	100	100	04/18/20		
11C1255-10	GL-15 (-6)	100	100	04/18/20		
11C1255-11	GL-15 (-36)	100	100	04/18/20		
11C1255-19	GL-20 (-5)	100	100	04/18/20		
11C1461-01	001 Outfall	100	100	04/06/20		
11D0064-01	6033515	100	100	04/12/20		
11D0065-01	Outfall 907	100	100	04/12/20		
11D0073-01	001	100	100	04/08/20		Sample split and preserved upon receipt
11D0093-01	AA-1	100	100	04/13/20		
11D0093-02	AA-2	100	100	04/13/20		
11D0093-03	AA-3	100	100	04/13/20		
11D0093-04	AA-4	100	100	04/13/20		
11D0094-01	CL-1	100	100	04/13/20		
11D0094-02	CL-2	100	100	04/13/20		
11D0094-03	CL-3	100	100	04/13/20		
11D0094-04	Upstream	100	100	04/13/20		
11D0094-05	Downstream	100	100	04/13/20		
11D0186-01	001 Outfall	100	100	04/15/20		
11D0188-02	106	100	100	04/11/20		
11D0188-04	110	100	100	04/11/20		
11D0222-01	001 Outfall	100	100	04/18/20		
11D0254-01	Outfall 006	100	100	04/14/20		
11D0257-01	002	100	100	04/12/20		
11D0257-02	003	100	100	04/12/20		

SEAL: Ammonia and TKN Analysis

SM4500 NH_3-G

Date/time Started: 4/7/11 Analyst VAS

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5.0mg/L)	MC11709	4/16/11
ICV/CCV (2.0mg/L)	MC11705	4/16/11
CCB (0.036N H_2SO_4)		
Low Check Std (0.2mg/L)	MC11710	4/16/11
High Check Std (5.0mg/L)	MC11709	4/16/11
EDTA Buffer	see attachments	
Sodium Phenate Reagent		
Sodium Hypochlorite		
Sodium Nitroprusside Reagent		

Tier 1 Review:					Tier 2 Review:			
Analyst/Date: VAS 4/8/11					Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <1/2 PQL?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Was the ICV recovery 90-110%?	✓							
Were results entered into LIMS correctly?	✓							
Was digestion +/or distillation tier completed and attached to run?	✓							

Comments:

Notes:
1) SEAL AQ2 Discrete Analyzer.

SEAL: Ammonia Distillation

SM4500-NH_3 B

#111525

Analyst: VAS Date/Time Started: 4/6/11 @ 1100 Date/Time Completed: _____

Balance #: _____

	Chemical #	Expiration Date
1N NaOH	MC13104	
Borate Buffer	MC13103	
0.36N H_2SO_4	MC11703	
Thiosulfate		

Sample ID	Residual Chlorine (+/-)	Initial pH <2 (+/-)	A Sample Volume (ml or g)	pH After Buffer-9.5 (+/-)	B Distillation Volume (ml)	C Dilution Factor C=(B/A)	Comments
DW	-	+	1W	+	1W		
LCS	-	+	1W	+	1W		
1105073-1	-	+	1W	+	1W		
dup	-	+	1W	+	1W		
MS	-	+	1W	+	1W		
188-4	-	+	1W	+	1W		
188-2	-	+	1W	+	1W		
165-1	-	+	1W	+	1W		
64-1	-	+	1W	+	1W		
93-1	-	+	1W	+	1W		
93-2	-	+	1W	+	1W		
93-3	-	+	1W	+	1W		
93-4	-	+	1W	+	1W		
94-1	-	+	1W	+	1W		
94-2	-	+	1W	+	1W		
dup	-	+	1W	+	1W		
MS	-	+	1W	+	1W		
94-3	-	+	1W	+	1W		
94-4	-	+	1W	+	1W		
94-5	-	+	1W	+	1W		
186-1	-	+	1W	+	1W		
1105255-6	-	+	1W	+	1W		
1255-11	-	+	1W	+	1W		
1255-10	-	+	1W	+	1W		
1105461-1	-	+	1W	+	1W		
1105465-2							Received

Notes:

1.) Distillation apparatus: Labconco Model 65200 or Westco EasyDist (circle one).

SEAL: Ammonia Distillation

SM4500-NH_3 B

Analyst: _____ Date/Time Started: _____ Date/Time Completed: _____

Balance #: _____

	Chemical #	Expiration Date
1N NaOH		
Borate Buffer		
0.36N H_2SO_4		
Thiosulfate		

Sample ID	Residual Chlorine (+/-)	Initial pH <2 (+/-)	A Sample Volume (ml or g)	pH After Buffer-9.5 (+/-)	B Distillation Volume (ml)	C Dilution Factor C=(B/A)	Comments
IIC1255-19	-	+	1W	+	1W		
IID257-1	-	+	1W	+	1W		
IID257-2	-	+	1W	+	1W		
IID222-1	-	+	1W	+	1W		
IID254-1	-	+	1W	+	1W		

Notes:

1.) Distillation apparatus: Labconco Model 65200 or Westco EasyDist (circle one).

SEAL: Ammonia Distillation

SM4500-NH_3 B

Date of Analysis: 4/7/11

1st Tier Reviewer: JAS Date: 4/7/11

2nd Tier Reviewer: _____ Date: _____

1st Tier Review					2nd Tier Review			
	Yes	No	NA	Note	Yes	No	NA	Note
Was preservation of samples checked and recorded?	✓							
Was residual chlorine checked and recorded on all samples?	✓							
If residual chlorine was present was it neutralized?			✓					
Were samples analyzed within holding time (28 days)?	✓							
Are all chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Were Method Blanks and LCSs distilled every 20 samples?	✓							
Duplicates distilled on 10% of the samples?	✓							
Matrix spikes performed on 10% of the samples?	✓							
Were distillates stored at 4°C until analysis?	✓							
Was preparation entered into the LIMS with the correct dilution factors?	✓							

Comments: _____

2nd Tier Comments: _____

SEAL: TKN Digestion Log

SM4500N$_{org}$ # 111513B

Digestion: Analyst: VKS Date/Time: 4/6/11 @ 1400

Distillation/Titration: Analyst: VKS Date/Time: 4/7/11 @ 805

LCS: Chemical #: MC12519 Exp. Date: 9/25/11

Spike: Chemical #: SN-0954 Exp. Date: 1/14

Digestion Reagent	Chemical #
	MC13111

Sample ID	Tube #	Initial pH <2 (+/-)	A Sample Volume (ml)	B Final Volume (ml)	C Dilution Factor C = (B/A)	Comments
Method Blank	1	+	100	100		
LCS	2	+	100	100		
11D0066-4	3	+	100	100		pipette 0.05
Dup	4	+	100	100		
MS	5	+	100	100		
66-1	6	+	100	100		
66-4	7	+	100	100		
66-3	8	+	100	100		
66-5	9	+	100	100		
188-2	10	+	100	100		
188-4	11	+	100	100		
188-6	12	+	100	100		
186-1	13	+	100	100		
189-1	14	+	100	100		
189-4	15	+	100	100		
11D0066-2	16	+	100	100		
Dup	17	+	100	100		
MS	18	+	100	100		pipette 0.05
188-5	19	+	100	100		
94-1	20	+	100	100		
94-2	21	+	100	100		
94-3	22	+	100	100		
94-4	23	+	100	100		
94-5	24	+	100	100		
	25	+	100	+00 VKS 4/7/11		
	26					
	27					
	28					

VKS 4/7/11

Notes:

1.) Digester Block: A.I. Scientific AIM600 S/N 4826A13426/4833A14770.

SEAL: TKN Digestion Log

$SM4500N_{org}$

Date of Analysis: 4/7/11

1st Tier Reviewer: VA Date: 4/7/11

2nd Tier Reviewer: _____ Date: _____

1st Tier Review					2nd Tier Review			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was preservation of samples checked and recorded?	✓							
Were samples analyzed within holding time (28 days)?	✓							
Are all chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Was digestion complete?	✓							
Was a MBLK and LCS digested every 20 samples?	✓							
Duplicates performed on 10 % of the samples?	✓							
Were the RPDs within acceptance limits?	✓							
MS performed on 10 % of the samples?	✓							
If MS recoveries <50% was sample redigested?			✓					
Was dilution factor calculated correctly?	✓							
Was prep entered into LIMS correctly?	✓							
Were distilled samples stored at 4°C until analysis?	✓							

Tier 1 Comments: _____

2nd Tier Comments: _____

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 07:54 Friday 8th April 2011
Tray Number: 1
Tray Name: NTK_110407A

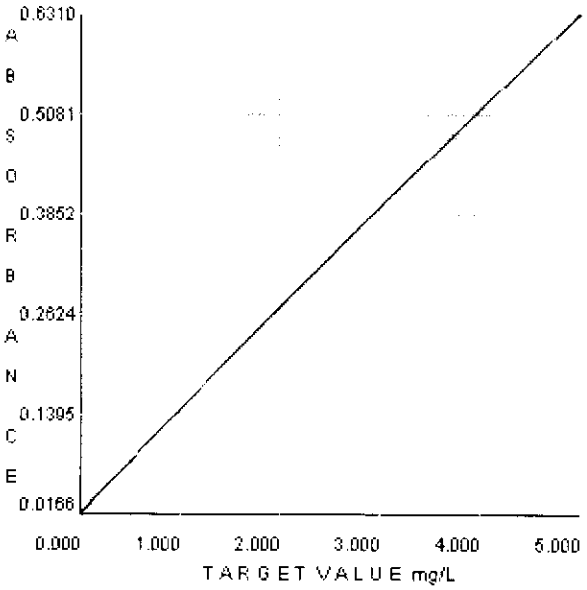
TKN-5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0166	0.0005	0.0000	
S90	0.0284	0.0917	0.1000	-8.2760
S91	0.0811	0.5031	0.5000	0.6220
S92	0.1767	1.2582	1.2500	0.6591
S93	0.3316	2.5069	2.5000	0.2748
S94	0.4799	3.7314	3.7500	-0.4948
S95	0.6310	5.0082	5.0000	0.1631
S0	0.0185	0.0146	0.0000	

Polynomial Order: 2
Correlation Coefficient: 1.0000
Carryover: 0.3
Polynomial Coeffecients: -0.128, 7.731, 0.650,
Date & Time: Wed Mar 16 11:48:36 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NH3 Buffer-5.0	MC11707	VAS	Sat Apr 16 22:00:00 2011
NH3 Phenate-5.0	MC11705	VAS	Sat Apr 16 22:00:00 2011
NH3 Hypoch-5.0	ME02506	VAS	Wed May 25 22:00:00 2011
NH3 Nitropr-5.0	MC11706	VAS	Sat Apr 16 22:00:00 2011
(Blank)			Wed Dec 31 19:00:00 1969

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	0.0826	mg/L			VAS	Thu Apr 07 12:33:19 2011
4	ICV	ICV	2.1106	mg/L			VAS	Thu Apr 07 12:35:24 2011
5	MB	MB	0.0930	mg/L			VAS	Fri Apr 08 06:56:49 2011
6	LCS	LCS	2.1380	mg/L			VAS	Thu Apr 07 12:39:36 2011
7	U1	LOW	0.2838	mg/L			VAS	Thu Apr 07 12:41:43 2011
8	U2	HI	6.0737	mg/L	x10.0000		VAS	Thu Apr 07 15:19:32 2011
9	U3	11D0073-1 NH3	0.1643	mg/L			VAS	Thu Apr 07 12:45:53 2011
10	U4	DUP	0.1695	mg/L			VAS	Thu Apr 07 12:48:00 2011

11	U5	SPK	3.1025	mg/L		VAS	Thu Apr 07 12:50:05 2011
12	U6	11D0188-4	0.3559	mg/L		VAS	Thu Apr 07 12:52:09 2011
	CCV	C C V	2.0959	mg/L		VAS	Thu Apr 07 12:54:13 2011
	CCB	C C B	0.0906	mg/L		VAS	Thu Apr 07 12:56:17 2011
13	U7	11D0188-2	2.7132	mg/L		VAS	Thu Apr 07 12:58:21 2011
14	U8	11D0065-1	0.4019	mg/L		VAS	Thu Apr 07 13:00:24 2011
15	U9	11D0064-1	30.6169	mg/L	x50.0000	VAS	Thu Apr 07 13:02:28 2011
16	U10	11D0093-1	0.5410	mg/L		VAS	Thu Apr 07 13:04:35 2011
17	U11	11D0093-2	0.1998	mg/L		VAS	Thu Apr 07 13:06:43 2011
18	U12	11D0093-3	0.1280	mg/L		VAS	Thu Apr 07 13:08:46 2011
19	U13	11D0093-4	0.1161	mg/L		VAS	Thu Apr 07 13:10:50 2011
20	U14	11D0094-1	0.1914	mg/L		VAS	Thu Apr 07 13:12:53 2011
21	U15	11D0094-2	0.1173	mg/L		VAS	Thu Apr 07 13:14:56 2011
22	U16	DUP	0.1145	mg/L		VAS	Thu Apr 07 13:17:00 2011
	CCV	C C V	2.0337	mg/L		VAS	Thu Apr 07 13:19:03 2011
	CCB	C C B	0.0900	mg/L		VAS	Thu Apr 07 13:21:07 2011
23	U17	SPK	2.0512	mg/L		VAS	Thu Apr 07 13:23:11 2011
24	U18	11D0094-3	0.1217	mg/L		VAS	Thu Apr 07 13:25:14 2011
25	U19	11D0094-4	0.1974	mg/L		VAS	Thu Apr 07 13:27:18 2011
26	U20	11D0094-5	0.1363	mg/L		VAS	Thu Apr 07 13:29:25 2011
27	U21	11D0186-1	0.2265	mg/L		VAS	Thu Apr 07 13:31:32 2011
28	U22	11C1255-6	3.7449	mg/L		VAS	Thu Apr 07 13:33:36 2011
29	U23	11C1255-11	0.3918	mg/L		VAS	Thu Apr 07 13:35:40 2011
30	U24	11C1255-10	2.1424	mg/L		VAS	Thu Apr 07 13:37:43 2011
31	U25	11C1461-1	0.3103	mg/L		VAS	Thu Apr 07 13:39:47 2011
32	U26	11C1689-2 RR	0.0810	mg/L		VAS	Thu Apr 07 13:41:50 2011
	CCV	C C V	2.1000	mg/L		VAS	Thu Apr 07 13:43:54 2011
	CCB	C C B	0.0876	mg/L		VAS	Thu Apr 07 13:45:58 2011
33	U27	11C1255-19	6.9822	mg/L	x10.0000	VAS	Thu Apr 07 15:21:13 2011
34	U28	11D0257-1	0.6866	mg/L		VAS	Thu Apr 07 13:50:07 2011
35	U29	11D0257-2	0.2772	mg/L		VAS	Thu Apr 07 13:52:11 2011
36	U30	11D0222-1	0.2268	mg/L		VAS	Thu Apr 07 13:54:18 2011
37	U31	11D0254-1	1.3818	mg/L		VAS	Thu Apr 07 13:56:25 2011
38	MB	MB	0.0840	mg/L		VAS	Fri Apr 08 06:58:28 2011
39	LCS	LCS	2.0955	mg/L		VAS	Thu Apr 07 14:00:37 2011
40	U32	11D0066-4 TKN	0.9192	mg/L		VAS	Thu Apr 07 14:02:44 2011
41	U33	DUP	0.9261	mg/L		VAS	Thu Apr 07 14:04:52 2011
42	U34	SPK	1.4297	mg/L		VAS	Thu Apr 07 14:06:56 2011
	CCV	C C V	2.0729	mg/L		VAS	Thu Apr 07 14:09:00 2011
	CCB	C C B	0.0993	mg/L		VAS	Thu Apr 07 14:11:05 2011
43	U35	11D0066-1	26.7424	mg/L	x10.0000	VAS	Thu Apr 07 14:13:10 2011
44	U36	11D0066-6	1.2816	mg/L		VAS	Thu Apr 07 16:02:24 2011
45	U37	11D0066-3	27.3319	mg/L	x10.0000	VAS	Thu Apr 07 14:17:19 2011
46	U38	11D0066-5	31.3493	mg/L	x10.0000	VAS	Thu Apr 07 14:19:26 2011
47	U39	11D0188-2	12.6059	mg/L	x10.0000	VAS	Thu Apr 07 15:22:52 2011
48	U40	11D0188-4	0.7856	mg/L		VAS	Thu Apr 07 16:04:29 2011
49	U41	11D0188-6	14.7042	mg/L	x10.0000	VAS	Thu Apr 07 15:24:32 2011
50	U42	11D0186-1	1.5090	mg/L		VAS	Thu Apr 07 16:06:33 2011
51	U43	11D0189-1	2.0896	mg/L		VAS	Thu Apr 07 16:08:38 2011
52	U44	11D0189-4	7.0484	mg/L	x10.0000	VAS	Thu Apr 07 15:26:11 2011
	CCV	C C V	2.0442	mg/L		VAS	Thu Apr 07 14:34:01 2011
	CCB	C C B	0.0770	mg/L		VAS	Fri Apr 08 07:00:08 2011
53	U45	11D0066-2	0.7558	mg/L		VAS	Thu Apr 07 16:10:42 2011
54	U46	DUP	0.7485	mg/L		VAS	Thu Apr 07 16:12:23 2011
55	U47	SPK	1.5023	mg/L		VAS	Thu Apr 07 16:14:03 2011
56	U48	11D0188-5	14.2730	mg/L	x10.0000	VAS	Thu Apr 07 15:27:51 2011
57	U49	11D0094-1	0.5011	mg/L		VAS	Thu Apr 07 16:15:42 2011
58	U50	11D0094-2	0.2999	mg/L		VAS	Thu Apr 07 16:17:22 2011
59	U51	11D0094-3	0.3252	mg/L		VAS	Thu Apr 07 16:19:01 2011
60	U52	11D0094-4	0.4284	mg/L		VAS	Thu Apr 07 16:20:41 2011
61	U53	11D0094-5	0.4733	mg/L		VAS	Thu Apr 07 16:22:20 2011
	CCV	C C V	2.0175	mg/L		VAS	Thu Apr 07 14:54:27 2011
	CCB	C C B	0.0820	mg/L		VAS	Thu Apr 07 14:56:07 2011
	CCB	CONTROL 12	0.0829	mg/L			Fri Apr 08 07:01:48 2011
	CCV	CONTROL 11	2.0946	mg/L			Fri Apr 08 07:03:28 2011

	CCB	CONTROL 12	0.0637	mg/L	Fri Apr 08 07:05:08 2011
	CCV	CONTROL 11	2.0167	mg/L	Fri Apr 08 07:06:48 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115126 **Matrix:** Water **Department:** Metals

PREPARATION BENCH SHEET

1115126

Sequence: MID0710/MID0711

Prepared: 04/06/2011 13:09
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Calibration:

Printed: 4/7/2011 10:46:01AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1115126-BLK1		20	20				
1115126-BLK2		20	20				
1115126-BS1		20	20	MD10105		400	
1115126-BS2		20	20	MD10105		400	
1115126-DUP1		20	20		11C0963-01		
1115126-DUP2		20	20		11D0094-03		
1115126-MS1		20	20	MD10105	11C0963-01	400	
1115126-MS2		20	20	MD10105	11D0094-03	400	
1115126-MSD1		20	20	MD10105	11C0963-01	400	
1115126-MSD2		20	20	MD10105	11D0094-03	400	
11C0963-01	04/14/2011 15:00	20	20				
Apex Companies, LLC			Site 9				
Hg_Total *Hg_Dissolved*							
11C1255-01	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-02 (-5)				
Hg_Total							
11C1255-02	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-02 (-29)				
Hg_Total							
11C1255-05	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-05 (-7)				
Hg_Total							
11C1255-06	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-05 (-25)				
Hg_Total							
11C1255-10	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-15 (-6)				

PREPARATION BENCH SHEET

1115126

Sequence:

Calibration:

Prepared: 04/06/2011 13:09
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Printed: 4/7/2011 10:46:01AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
Hg_Total							
11C1255-11	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-15 (-36)				
Hg_Total							
11C1255-12	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-16 (-6)				
Hg_Total							
11C1255-13	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-16 (-32)				
Hg_Total							
11C1255-14	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-17 (-1)				
Hg_Total							
11C1255-15	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-17 (-31)				
Hg_Total							
11C1255-20	04/18/2011 15:00	20	20				
Severstal Sparrows Point			TS-01 (-7)				
Hg_Total							
11C1255-45	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-02 (-5) Dissolved				
Hg_Dissolved							
11C1255-46	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-02 (-29) Dissolved				
Hg_Dissolved							
11C1255-47	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-05 (-7) Dissolved				
Hg_Dissolved							
11C1255-48	04/18/2011 15:00	20	20				
Severstal Sparrows Point			Duplicate				

PREPARATION BENCH SHEET

1115126

Sequence:

Calibration:

Prepared: 04/06/2011 13:09
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Printed: 4/7/2011 10:46:01AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
Hg_Total							
11C1255-49	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-05 (-25) Dissolved				
Hg_Dissolved							
11C1643-01	04/14/2011 15:00	20	20				
Apex Companies, LLC			Site 26				
Hg_Total							
11C1644-01	04/14/2011 15:00	20	20				
Apex Companies, LLC			Site 25				
Hg_Total							
11C1645-01	04/14/2011 15:00	20	20				
Apex Companies, LLC			Site 20				
Hg_Total							
11D0094-01	04/13/2011 15:00	20	20				
Synagro			CL-1				
Hg_Dissolved							
11D0094-02	04/13/2011 15:00	20	20				
Synagro			CL-2				
Hg_Dissolved							
11D0094-03		20	20	Added for BatchQC in: 1115126			BatchQC
Synagro			CL-3				
Hg_Total	*Hg_Dissolved*						
11D0094-04	04/13/2011 15:00	20	20				
Synagro			Upstream				
Hg_Total							
11D0094-05	04/13/2011 15:00	20	20				
Synagro			Downstream				
Hg_Total							
11D0110-01	04/12/2011 15:00	2	20				
Northrop Grumman-BWI Facility			E22 Tank 21				

PREPARATION BENCH SHEET

1115126

Sequence:

Prepared: 04/06/2011 13:09
Prepared by: EDP

Microbac Laboratories, Inc., Baltimore Division

Calibration:

Matrix: Water

Prepared using: Metals - Metals_Hg_Prep

Printed: 4/7/2011 10:46:01AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
Hg_Total							
11D0110-02	04/12/2011 15:00	20	20				
Northrop Grumman-BWI Facility			E22 Tank 22				
Hg_Total							
11D0188-01	04/11/2011 16:00	20	20				
E.I. DuPont & Co./ CH2M HillI, Inc.			106 - Grab				
Hg_Total							
11D0189-02	04/11/2011 16:00	20	20				
E.I. DuPont & Co./ CH2M HillI, Inc.			001				
Hg_Total							
11D0189-05	04/11/2011 16:00	20	20				
E.I. DuPont & Co./ CH2M HillI, Inc.			101				
Hg_Total							
11D0195-01	04/13/2011 15:00	20	20				
Apex Companies, LLC			Site 3 (Dry Weather)				
Hg_Total							
11D0292-01	04/07/2011 17:00	0.4	20				
Curtis Bay Energy			Gray Tank				
Hg_Total							
11D0293-01	04/07/2011 17:00	0.4	20				
Curtis Bay Energy			Green #1				
Hg_Total							

PREPARATION BENCH SHEET

1115126

Sequence: M100711

Prepared: 04/06/2011 13:09
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Calibration:

Printed: 4/7/2011 10:46:01AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?			✓	
LCV recoveries acceptable?			✓	
Analysis:				
Bracketing CCV recoveries acceptable?	✓	✓		CCV 1, 2, 3 high samples ND, CCV 4 low, recalibrated
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓			

Analyst AKS 4/7/11 Date

Reviewed By BJ 4/7/11 Date

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115150 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/07/2011 08:58 1115150

Prepared by: BMC

Prepared using: WetChem - Alkalinity_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115150-BLK1	Blank	100	100		|	
1115150-BS1	LCS	100	100		5000 |	
1115150-DUP1	Duplicate [11C1255-04]	100	100		|	
1115150-MS1	Matrix Spike [11C1255-04]	100	100		20000 |	
11C1255-03	GL-03 (-3)	100	100	04/18/20		
11C1255-04	GL-03 (-16)	100	100	04/18/20		
11C1255-14	GL-17 (-1)	100	100	04/18/20		
11C1255-15	GL-17 (-31)	100	100	04/18/20		
11C1255-16	GL-18 (-3)	100	100	04/18/20		
11C1255-17	GL-18 (-33)	100	100	04/18/20		
11C1255-44	Duplicate	100	100	04/18/20		
11D0077-01	2 5 6 . % ' Q % # & , 0 ' 5 > ' R S < ' Q , 0 5 > ' < . + 0 PWSID#6107024	100	100	04/12/20		Bicarbonate alkalinity

! /* %d * . 1234		
MB12421	Alkalinity Lcs 1000ppm	20000uL or ug
		5000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/07/2011 08:58 1115150
Prepared by: BMC

Prepared using: WetChem - Alkalinity_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
! "#$%&#' "#( )						

+. /012 3456+789: ; <	>8;	(4	($	(43; <? @/0B2; <+4B B 853; <
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?	BMC 4/8		✓	
HCV check recoveries acceptable?			✓	
LCV recoveries acceptable?			✓	
$5. /=; Q <				
Bracketing CCV recoveries acceptable?			✓	
Bracketing CCB concentrations < 1/2 MRL?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			210 RR's past hold
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Bernadette Summers 4/8/11 Date

Reviewed By [signature] 4/18/11 Date

Alkalinity
SM 2320 B

Control #: 50-181
Effective Date: 6/15/2007
Page: 1 of 2

Date: 4/7/11 @ 900 Analyst: DMC 1115150

1000 ppm Standard: Solution #: MB12421 Expiration Date: 5/26/11

Peroxide (if applicable) Chemical #: Expiration Date:

Titrant: Chemical #: MC1301 Expiration Date: 6/30/11 Normality: 0.02N

*Chem #: MD10129 exp date: 10/7/11 Norm: 0.11N

Calculation:

Total Alkalinity, ppm $CaCO_3$ = (ml titrant * N of titrant * 50000)/ ml sample

	Sample ID	Head Space (+/-)	Initial pH	Sample (ml)	Titrant (ml) (total ml to endpoint) To pH 8.3	To pH 4.5 -0.3 pH units		Total	DF	Concentration (ppm) Carbonate	Bicarbonate
	Blk	-	5.0	100		0.05		0.5	1		
	LCS	-	9.9	100		4.50		45.0	1	90%	
*	11C1255-03	-	11.6	100	4.15	4.75		261.25	1		
	-04 dup	-	7.9	10		6.30		630	10		63.0
	-04 ms	-	8.8	10	0.6	7.95		795	10	85%	79.5
	-04	-	7.8	10		6.25		625	10		62.5
*	-14	-	10.8	100	4.70	5.55		305.25	1		
	-15	-	7.8	10	3.95	3.80		380	10		38.0
	-16	-	10.7	~~25~~ 10 ~~since 4/7/11 Bicarb~~	~~5~~	4.80	192	~~32~~ since	4		48.0
	-17	-	5.8	100		6.05		60.5	1		
	-40	+	5.3	~~100~~		0		N/D	1	out of hold when analyzed; because bicarb	
	-41	+	10.7	50	6.95	9.15		183	2		
*	-44	-	11.4	~~25~~ 50 Re ~~since 4/7/11~~	~~7.70~~ 3.05	3.15		316.5	2	173.25	~~31.5 since~~ 4/7/11
	11D0017-01	+	8.0	25		3.55		142	4		35.5
							x				
*	0.1N H2SO4 STD 1		9.9	100		0.90	0.11				
	2		9.8	100		0.85	0.12				
	3		9.8	100		0.90	0.11				
	4		9.8	100		0.90	0.11				
	5		9.8	100		0.90	0.11				
						ave:	0.11N				
		50 = (ml titrant		* X *	50,000)	/ ml sample					

Notes:
1.) pH Meter: Orion 920A S/N 001638.
2.) Sample titrated to pH 4.5 unless otherwise noted.

Alkalinity
SM 2320 B

Date Test Completed: 1/7/11 Analyst: BMC

1st Tier					2nd Tier			
Initials/Date: BMC 1/7/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was titrant standardized?	✓	✓		Purchased + Verified then COA				
Were all samples free of head space?	✓	✓						
If no, were results footnoted?	✓							
Was method blank ≤0.5 ppm?	✓							
Were all samples analyzed within 14 day holding time?	✓							
If no, were results footnoted in notebook and LIMS?			✓					
Are all Chemical and solution # documented?	✓	✓						
Are any standards or reagents expired?		✓						
Was LCS within acceptance limits?	✓							
Were 10% of the samples performed in duplicate?	✓							
Were RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were spike recoveries within acceptance limits?	✓							
If titrant was < 2.0 ml was pH lowered 0.3 pH units more and correct calculation applied?	✓							
If carbonate or bicarbonate alkalinity is required was titrant to pH 8.3 and 4.5 recorded ?			✓					
Was correct calculation used to determine bicarbonate and carbonate alkalinity?			✓					
Were samples peroxide digested?			✓					
If yes, was a method blank and LCS also digested?			✓					
If yes, were results footnoted in notebook and LIMS?			✓					
Were the samples titrated to pH 4.5?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments:

Alkalinity

SM 2320 B

Control # 50-[illegible]
Effective Date: 6/15/2007
Page 1 of 2

Date: 6/15/11 @ 1400 Analyst: BMC

1000 ppm Standard: Solution #: MD11401 Expiration Date: 7/14/11

Peroxide (if applicable) Chemical #: _____ Expiration Date: _____

Titrant: Chemical #: MC10301 Expiration Date: 6/30/11 Normality: 0.02N

★ MD10729 10/7/11 0.11N

Calculation:

Total Alkalinity, ppm $CaCO_3$ = (ml titrant * N of titrant * 50000) ÷ ml sample

Sample ID	Head Space (+/-)	Initial pH	Sample (ml)	Titrant (ml) (total ml to endpoint) To pH 8.3	Titrant (ml) (total ml to endpoint) To pH 4.5 ±0.3 pH units		Concentration (ppm) Total	DF	Carbonate	Bicarbonate
BLK	~~4.9~~	4.9	100		0.05		0.5	1		
LCS	–	10.0	100		5.05		50.5	1		
★ 11C1255-03	+	11.7	100	4.20	4.70		258.5	1		
-04	+	7.8	10		6.35		635	10		63.5
dup	+	7.8	10		6.30		630	10		63
MS	+	9.0	10		8.30		830	10		83
★ -14	+	10.9	100	4.75	5.60		308	1		
-15	+	8.0	10		3.85		385	10		38.5
-16	+	10.9	25	4.05	4.90		196	4		49
-17	+	5.9	100		6.10		61	1		
★ -44	+	11.5	50	3.10	3.15		346.5	2		173.25
1113007-01	+	8.0	25		3.60		144	4		36
Re-running samples b/c LCS was outz Limits										

Notes:

1.) pH Meter: Orion 920A S/N 001638.

2.) Sample titrated to pH 4.5 unless otherwise noted.

Alkalinity
SM 2320 B

Date Test Completed: 4/15/11 Analyst: BMC

	1st Tier				2nd Tier			
Initials/Date: 4/15/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was titrant standardized?			✓					
Were all samples free of head space?			✓					
If no, were results footnoted?								
Was method blank ≤0.5 ppm?								
Were all samples analyzed within 14 day holding time?								
If no, were results footnoted in notebook and LIMS?								
Are all Chemical and solution # documented?								
Are any standards or reagents expired?								
Was LCS within acceptance limits?								
Were 10% of the samples performed in duplicate?								
Were RPDs within acceptance limits?								
Was a matrix spike performed on 10% of the samples?								
Were spike recoveries within acceptance limits?								
If titrant was < 2.0 ml was pH lowered 0.3 pH units more and correct calculation applied?								
If carbonate or bicarbonate alkalinity is required was titrant to pH 8.3 and 4.5 recorded ?								
Was correct calculation used to determine bicarbonate and carbonate alkalinity?								
Were samples peroxide digested?								
If yes, was a method blank and LCS also digested?								
If yes, were results footnoted in notebook and LIMS?								
Were the samples titrated to pH 4.5?								
Were all calculations checked?								
Were all results and detection limits entered correctly in LIMS?								

Comments: 210: initial analysis w/in hold time, re-analyses performed outside of recommended HT; No sig. diff between initial + re-analysis.

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115167 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/07/2011 09:23 1115167

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115167-BLK1	Blank	1	1		|	
1115167-BS1	LCS	1	1		2.5 |	
1115167-DUP1	Duplicate [11D0223-01]	1	1		|	
1115167-MS1	Matrix Spike [11D0223-01]	1	1		200 |	
11C1255-19	GL-20 (-5)	1	1	04/13/20		
11D0222-01	001 Outfall	1	1	04/14/20		
11D0223-01	001 Outfall	1	1	04/14/20		
11D0228-01	BIPCO 201 Effluent 24HC	1	1	04/14/20		
11D0229-01	FE040111C Effluent	1	1	04/14/20		
11D0229-02	I040111C Influent	1	1	04/14/20		
11D0231-01	FE040411C Effluent	1	1	04/14/20		
11D0231-02	I040411C Influent	1	1	04/14/20		
11D0257-01	002	1	1	04/12/20		
11D0257-02	003	1	1	04/12/20		
11D0286-01	089-032211-WWTP-FGD	1	1	04/07/20		48 hour turn around on our total nitrogen samples
11D0286-02	089-032311-WWTP-FGD	1	1	04/07/20		48 hour turn around on our total nitrogen samples
11D0291-03	Outfall 101 Comp	1	1	04/15/20		
11D0297-01	089-040511-STP-COMP-Mthly	1	1	04/07/20		48 hour turn around on our total nitrogen samples

Standard(s):

MC10837	NO3 Matrix Spike, 100ppm	200uL or ug
MC10843	NO3 LCS /ICV/CCV, 2.5ppm	2.5uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/07/2011 09:23 1115167

Prepared by: VAS

Prepared using: WetChem - NO3_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By: 4/7/11 Date

SEAL: Nitrate
EPA 353.2

Control #: 50-464_2009
Effective Date: 10/9/2009
Page: 1 of 1

Date: 4/7/11 Analyst: VAS # 1115147

Reagent/Standard	Chemical #	Expiration Date
Calibration Std (5mg/L)	MC10834	4/8/11
Matrix Spike Std (100mg/L)	MC10837	4/8/11
NO_2 Std (1mg/L)	MC10841	4/8/11
ICV/CCV (2.5mg/L)	MC10843	4/8/11
CCB (DI Water)		
LCS (2.5mg-N/L)	MC10843	4/8/11
Low Check (0.1mg-N/L)	MC10839	4/8/11
Sulfanilamide Color Reagent	see attachment	
Ammonium Chloride Buffer		
Copper Sulfate Reagent		
Conc. HCl (if applicable)		

Cadmium Column Regenerated Before Run? ☒

1st Tier Review					2nd Tier Review			
Initials/Date: VAS 4/7/11					**Initials/Date:**			
	Yes	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Calibration Curve:								
Was the correlation coefficient ≥0.995?	✓							
Was the ICV acceptable?	✓							
Was the method blank ≤ 0.025ppm?	✓							
Was the column efficiency between 90-110%? (see calculation below)	✓							
Was the Low check standard acceptable?	✓							
Was the LCS recovery acceptable?	✓							
Was the LCS and standards preserved?	✓							
Are any reagents or standards expired?		✓						
Are all standard and reagent solution #s documented?	✓							
Sample Analysis:								
Was preservation of all samples checked?	✓							
Were all preserved samples analyzed within 28 days?	✓							
Were all unpreserved samples analyzed within 48 hours?			✓					
Were duplicates performed every 10 samples?	✓							
Were RPDs within acceptance limits?	✓							
Were matrix spikes performed every 10 samples?	✓							
Were spike recoveries within acceptance limits?	✓							
CCVs run every 10 samples?	✓							
Were all CCVs acceptable? comment if recalibrated.	✓							
If CCV failed were samples up to the last acceptable CCVreanalyzed?			✓					
Was a check standard analyzed after the last sample in batch?	✓							
Were dilutions entered correctly?	✓							
Are all LIMS sample numbers documented?	✓							
Was data and detection limits accurately entered in the LIMS?	✓							

Column Efficiency (reduction efficiency): $\frac{NO_3abs - Blankabs}{NO_2abs - Blankabs} \times 100$ = 91.1%

Comments:

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 11:56 Thursday 7th April 2011
Tray Number: 2
Tray Name: NO3_110407A

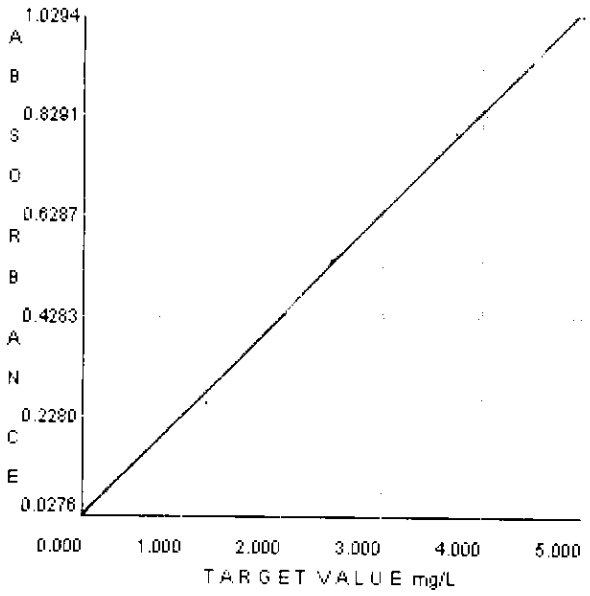
Nitrate 5.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0276	0.0149	0.0000	
S90	1.0294	4.9744	5.0000	-0.5111
S91	0.7897	3.7876	3.7500	1.0030
S92	0.5389	2.5463	2.5000	1.8533
S93	0.2561	1.1460	1.2500	-8.3187
S94	0.1243	0.4937	0.5000	-1.2595
S95	0.0768	0.2583	0.2500	3.3174
S96	0.0469	0.1105	0.1000	10.4675
S97	0.0384	0.0682	0.0500	36.4409
S0	0.0258	0.0062	0.0000	

Polynomial Order: 1
Correlation Coefficient: 0.9997
Carryover: -16.4
Date & Time: Mon Apr 04 10:35:30 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	-0.0309	mg/L			VAS	Thu Apr 07 09:23:03 2011
4	ICV	ICV	2.7029	mg/L			VAS	Thu Apr 07 09:25:24 2011
5	MB	MB	-0.0309	mg/L			VAS	Thu Apr 07 09:27:41 2011
6	U1	NO2	2.8160	mg/L			VAS	Thu Apr 07 09:30:00 2011
7	LCS	LCS	2.5672	mg/L			VAS	Thu Apr 07 09:32:16 2011
8	U2	LOW	0.1230	mg/L			VAS	Thu Apr 07 09:34:31 2011
9	U3	HI	5.8330	mg/L	x10.0000		VAS	Thu Apr 07 10:10:47 2011
10	U4	11D0223-1	2.2703	mg/L			VAS	Thu Apr 07 09:39:03 2011
11	DUP	DUP	2.2067	mg/L			VAS	Thu Apr 07 11:51:58 2011
12	SPK	SPK	24.5693	mg/L	x10.0000		VAS	Thu Apr 07 11:52:58 2011
	CCV	C C V	2.5129	mg/L			VAS	Thu Apr 07 10:34:55 2011

	CCB	C C B	-0.0395	mg/L		VAS	Thu Apr 07 10:37:10 2011
13	U5	11D0257-1	-0.0175ELL	mg/L		VAS	Thu Apr 07 10:39:26 2011
14	U6	11D0257-2	-0.0246ELL	mg/L		VAS	Thu Apr 07 10:41:41 2011
15	U7	11D0222-1	2.3055	mg/L		VAS	Thu Apr 07 10:43:59 2011
16	U8	11D0291-3	0.5907	mg/L		VAS	Thu Apr 07 10:46:18 2011
17	U9	11D0229-2	0.1175	mg/L		VAS	Thu Apr 07 10:48:33 2011
18	U10	11D0229-1	4.8272	mg/L		VAS	Thu Apr 07 10:50:49 2011
19	U11	11D0231-1	3.7529	mg/L		VAS	Thu Apr 07 10:53:04 2011
20	U12	11D0231-2	0.1160	mg/L		VAS	Thu Apr 07 10:55:22 2011
21	U13	11C1255-19	-0.0480ELL	mg/L		VAS	Thu Apr 07 10:57:40 2011
22	U14	11D0297-1	4.8680	mg/L		VAS	Thu Apr 07 10:58:41 2011
	CCV	C C V	2.7207	mg/L		VAS	Thu Apr 07 10:59:41 2011
	CCB	C C B	-0.0520	mg/L		VAS	Thu Apr 07 11:00:42 2011
23	U15	11D0228-1	-0.0139ELL	mg/L		VAS	Thu Apr 07 11:01:42 2011
24	U16	11D0286-2	18.4772	mg/L	x10.0000	VAS	Thu Apr 07 11:27:43 2011
25	U17	11D0286-1	19.5493	mg/L	x10.0000	VAS	Thu Apr 07 11:28:43 2011
	CCV	C C V	2.5725	mg/L		VAS	Thu Apr 07 11:04:44 2011
	CCB	C C B	-0.0588	mg/L		VAS	Thu Apr 07 11:05:44 2011
	CCB	CONTROL 12	-0.0614	mg/L			Thu Apr 07 11:29:44 2011
	CCV	CONTROL 11	2.4126	mg/L			Thu Apr 07 11:30:44 2011
	CCB	CONTROL 12	-0.0522	mg/L			Thu Apr 07 11:31:45 2011
	CCV	CONTROL 11	2.6527	mg/L			Thu Apr 07 11:32:46 2011
	CCB	CONTROL 12	-0.0620	mg/L			Thu Apr 07 11:49:56 2011
	CCV	CONTROL 11	2.3572	mg/L			Thu Apr 07 11:50:57 2011
	CCB	CONTROL 12	-0.0491	mg/L			Thu Apr 07 11:53:59 2011
	CCV	CONTROL 11	2.6166	mg/L			Thu Apr 07 11:55:00 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115170 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/07/2011 05:10 1115170

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep No2

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115170-BLK1	Blank	1	1		|	
1115170-BS1	LCS	1	1		1000 |	
1115170-DUP1	Duplicate [11D0291-03]	1	1		|	
1115170-MS1	Matrix Spike [11D0291-03]	1	1		50 |	
11C1255-19	GL-20 (-5)	1	1	04/13/20		
11D0291-03	Outfall 101 Comp	1	1	04/15/20		

Standard(s):

MC10804	NO2 Matrix Spike, 5ppm	50uL or ug
MC10805	NO2, LCS/CCV, 0.5ppm	1000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/07/2011 05:10 1115170

Prepared by: VAS

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By 4/12/11 Date

SEAL: Nitrite

EPA 353.2

#111572

Date/time Started: 4/7/11 @ 510 Analyst VM

Reagent/Standard	Chemical #	Expiration Date	Reagent Position
Calibration Std (1mg-N/L)	MC10803	4/8/11	
Matrix Spike (5mg-N/L)	MC10804	4/8/11	
ICV/CCV/LCS (0.5mg-N/L)	MC10805	4/8/11	9
CCB (DI Water)			1
Low Check Std (0.05mg-N/L)	MC10806	4/8/11	
Sulfanilamide Color Reagent	see attachment		10
Ammonium Chloride Buffer			11

Tier 1 Review:					Tier 2 Review:			
Analyst/Date: VM 4/7/11					Analyst/Date:			
Calibration:	**Yes**	**No**	**NA**	**Notes**	**Yes**	**No**	**NA**	**Notes**
Was calibration curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 80-120%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical #s documented?	✓							
Were all reagents and standards within expiration dates?	✓							
Was method blank <0.005 ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates performed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were the matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after every 10 samples?	✓							
Was a CCV and CCB analyzed after last sample?	✓							
Cup dilution preparation documented?	✓							

Comments:

AQ2 Tray Report

Serial Number: 090646
Username: Vassiliki Shin
Date & Time: 05:52 Thursday 7th April 2011
Tray Number: 1
Tray Name: NO2_110407A

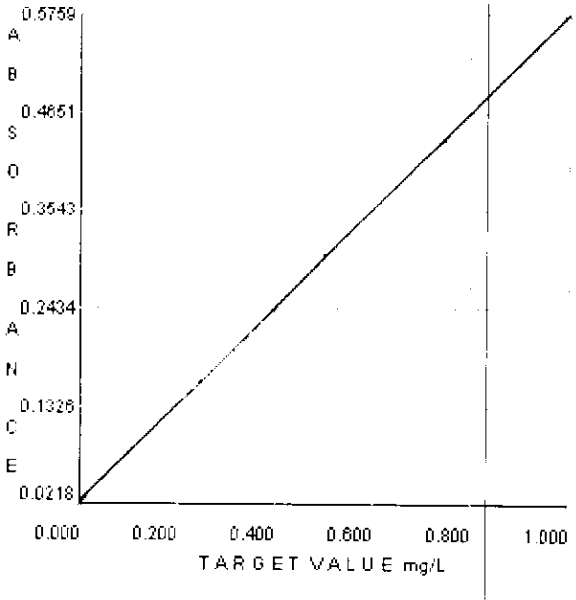
Nitrite 1.0

Calibration Chart

Type	Observed	Calculated	Target	% Error
S1	0.0218	-0.0013	0.0000	
S90	0.0287	0.0113	0.0125	-9.6891
S91	0.0495	0.0489	0.0500	-2.2066
S92	0.0783	0.1010	0.1000	0.9514
S93	0.1616	0.2514	0.2500	0.5795
S94	0.3022	0.5059	0.5000	1.1711
S95	0.4343	0.7446	0.7500	-0.7208
S96	0.5759	1.0007	1.0000	0.0740
S0	0.0245	0.0035	0.0000	

Polynomial Order: 1
Correlation Coefficient: 1.0000
Carryover: 0.5
Date & Time: Tue Apr 05 08:04:51 2011

Calibration Graph



Reagents

Name	Batch	Prepared By	Expiry Date
NOx Sulfanilami	MC10808	VAS	Fri Apr 08 22:00:00 2011
NOx Amm Cl-5.0	MC10807	VAS	Fri Apr 08 22:00:00 2011

Test Results

Cup	Type	ID	Result	Units	Test Dil.	Cup Dil.	User	Time/Date
3	ICB	ICB	-0.0140	mg/L			VAS	Thu Apr 07 05:41:06 2011
4	ICV	ICV	0.5416	mg/L			VAS	Thu Apr 07 05:41:59 2011
5	MB	MB	-0.0141	mg/L			VAS	Thu Apr 07 05:42:53 2011
6	LCS	LCS	0.5268	mg/L			VAS	Thu Apr 07 05:43:46 2011
7	U1	LOW	0.0364	mg/L			VAS	Thu Apr 07 05:44:40 2011
8	U2	HI	0.9834	mg/L			VAS	Thu Apr 07 05:45:33 2011
9	U3	11D0291-3	-0.0024ELL	mg/L			VAS	Thu Apr 07 05:46:27 2011
10	DUP	DUP	-0.0022	mg/L			VAS	Thu Apr 07 05:47:20 2011
11	SPK	SPK	0.2467	mg/L			VAS	Thu Apr 07 05:48:14 2011
12	U4	11C1255-19	-0.0136ELL	mg/L			VAS	Thu Apr 07 05:49:07 2011
	CCV	C C V	0.5084	mg/L			VAS	Thu Apr 07 05:50:01 2011
	CCB	C C B	-0.0136	mg/L			VAS	Thu Apr 07 05:50:54 2011

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115185 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/07/2011 16:24 1115185

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep turb

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115185-BLK1	Blank	1	1		|	
1115185-BS1	LCS	1	1		1 |	
1115185-DUP1	Duplicate [11C1255-19]	1	1		|	
11C1255-19	GL-20 (-5)	1	1	04/18/20		
11D0393-01	Site S3	1	1	04/11/20		NEED ASAP, LET PM KNOW WHEN REVIEWED
11D0394-01	Site S1	1	1	04/11/20		NEED ASAP, LET PM KNOW WHEN REVIEWED

! /*%d*.1234			Reagent ID#	Description	Lot Number
ML00205	Turbidity Std 10.0	1uL or ug			

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/07/2011 16:24 1115185

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
! "#$%&#" "#( )						

+. /012 3045(+789: ; <	>8;	(4	($	(43; (? @ /0482; (+4B B 853 <
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
$5. /=; Q <				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?				

Analyst 9/8/11 Date

Reviewed By 4/11/11 Date

1115185

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010
Page: 1 of 2

Date: 4/7/11 Time: 1641 Analyst: BMC

40 NTU Standard	Chemical #:	MF02819	Expiration Date: 6/30/11
10 NTU Calibration Standard	Chemical #:	ML00205	Expiration Date: 11/30/11
1.0 NTU Standard	Chemical #:	ML00206	Expiration Date: 11/1/11
0.2 NTU Standard	Chemical #:	MF02818	Expiration Date: 6/30/11
1000 NTU Standard	Chemical #:	MG0093	Expiration Date: 7/31/11

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00		
10 Cal. Check (ICV)	10.06		
40 NTU	38.5		
1 NTU	1.05		
0.2 NTU	0.19		
1000 NTU	637		
11C1255-19	0.50		
Dup	0.51		
11D0393-01	2.37		
11D0394-01	1.04		
CCB	0.00		
CCV (10 NTU)	10.04		
DUP			
CCB			
CCV (10 NTU)			

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Turbidity
EPA 180.1

1st Tier					2nd Tier			
Initials/Date: BMC 4/7/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was standard verified and documented?	✓							
Was method blank ≤ 0.05 NTU?	✓							
If no, was blank reanalyzed with fresh sample?			✓					
Were all samples analyzed within holding time (48 hours)?	✓							
If no, were results footnoted in notebook and LIMS?			✓					
Are all Chemical and solution # documented?	✓							
Were all standards within expiration date?	✓							
Was 10 NTU Calibration Check recovery within 95-105%	✓							
If not, was instrument recalibrated?			✓					
Was 40 NTU LCS within acceptance limits?	✓							
Was 1.0 NTU LCS within acceptance limits?	✓							
Was low check within acceptance limits?	✓							
Was a duplicate performed every 10 samples?	✓							
Was RPD within acceptance limits?	✓							
Was a CCB and CCV analyzed after every 10 samples?	✓							
Was a CCB and CCV analyzed after the last sample?	✓							
Were all CCBs and CCVs acceptable?	✓							
Was all QC data charted?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments/ Tier 1: _____

Comments/ Tier 2: _____

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115210 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/08/2011 07:00 1115210

Prepared by: LCR

Prepared using: WetChem - WetChem_TDS_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1115210-BLK1	Blank	1	1		|	
1115210-BLK2	Blank	1	1		|	
1115210-BLK3	Blank	1	1		|	
1115210-BS1	LCS	1	1		1000 |	
1115210-BS2	LCS	1	1		1000 |	
1115210-BS3	LCS	1	1		1000 |	
1115210-DUP1	Duplicate [11D0093-01]	1	1		|	
1115210-DUP2	Duplicate [11D0094-01]	1	1		|	
1115210-DUP3	Duplicate [11C1255-01]	1	1		|	
11C0963-01	Site 9	1	1	04/14/20		
11C1255-01	GL-02 (-5)	1	1	04/18/20		
11C1255-02	GL-02 (-29)	1	1	04/18/20		
11C1255-05	GL-05 (-7)	1	1	04/18/20		
11C1255-06	GL-05 (-25)	1	1	04/18/20		
11C1255-10	GL-15 (-6)	1	1	04/18/20		
11C1255-11	GL-15 (-36)	1	1	04/18/20		
11C1255-12	GL-16 (-6)	1	1	04/18/20		
11C1255-13	GL-16 (-32)	1	1	04/18/20		
11C1255-19	GL-20 (-5)	1	1	04/18/20		
11C1255-48	Duplicate	1	1	04/18/20		
11C1643-01	Site 26	1	1	04/14/20		
11C1644-01	Site 25	1	1	04/14/20		
11C1645-01	Site 20	1	1	04/14/20		
11D0093-01	22-1	1	1	04/13/20		
11D0093-02	22-2	1	1	04/13/20		
11D0093-03	22-3	1	1	04/13/20		
11D0093-04	22-4	1	1	04/13/20		
11D0094-01	CL-1	1	1	04/13/20		
11D0094-02	CL-2	1	1	04/13/20		
11D0094-03	CL-3	1	1	04/13/20		
11D0094-04	Upstream	1	1	04/13/20		
11D0094-05	Downstream	1	1	04/13/20		
11D0195-01	Site 3 (Dry Weather)	1	1	04/13/20		
11D0389-02	Metals & TDS	1	1	04/18/20		
11D0389-04	Metals & TDS	1	1	04/18/20		

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/08/2011 07:00 1115210

Prepared by: LCR

Prepared using: WetChem - WetChem_TDS_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

! /*%d*.1234	Reagent ID#	Description	Lot Number
MC12215 %SOLIDS/TDS LCS, 2% 1000uL or ug			

! "#$%&#' "#( )

+./012 3245(+789:;<	>8;	(4	($	(438;(?@/0B82;(+4BB853<
Calibration Coeficient Acceptable for all needed analytes?				
ICV recoveries acceptable?				
ICB concentrations < 1/2 MRL?				
HCV check recoveries acceptable?				
LCV recoveries acceptable?				
$5./=;0<				
Bracketing CCV recoveries acceptable?				
Bracketing CCB concentrations < 1/2 MRL?				
Method Blank concentrations < 1/2 MRL?				
LCS (BS) recoveries acceptable?				
Sample Duplicate RPDs acceptable?				
MS/MSD recoveries acceptable?				
MS/MSD RPDs acceptable?				

Exceeded hold time

Analyst 4/11/11 Date

Reviewed By BJ 4/12/11 Date

Printed: 4/11/2011 11:33:32AM

Total Dissolved Solids (TDS) by SM2540C

Analyst: LCR

Analyte: Total Dissolved Solid: Units: mg/L

Batch ID: 1115210

Calculation: TDS (mg/L) = (Weight of Dry sample *1000000)/Volume of Sample (ml **Note: Final weight is the lessor of the 2nd and 3rd weighing**
Note: Where samples are dried >16 hours, the first weighing is used for all weight values to calculate final result

Volume

INST

Oven	Date/Time IN	Date/ Time OUT
Dry Cycle #1:	4/8/2011 7:00	4/11/2011 7:00
Dry Cycle #2:	4/11/2011 7:00	4/11/2011 9:00
Dry Cycle #3:		

B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Beaker #	SampID	Client ID	SampType	Beaker Tare Weight (g)	Sample Volume (ml)	Initial Time of Filtration	Dry Beaker &Sample 1st Weighing (gms)	Dry Beaker &Sample 2nd Weighing (gms)	Dry Beaker & Sample 3rd Weighing (gms)	Dry Residue Weight CK >10 & <200 mg	Value mg/L TDS	Unadj. mg/L TDS	Dil Factor	Comments
1	1115210-BLK1	-	Blank	108.8935	100	4/8/2011 7:00	108.8937	108.8937		0.000198364	1.983642578	198.3642578	0.01	
2	1115210-BLK2	-	Blank	108.6873	100	4/8/2011 7:00	108.6873	108.6873		0	0	0	0.01	
3	1115210-BLK3	-	Blank	113.4946	100	4/8/2011 7:00	113.4948	113.4948		0.000198364	1.983642578	198.3642578	0.01	
4	1115210-BS1	-	LCS	113.9689	10	4/8/2011 7:00	114.1889	114.1889		0.200004578	20000.45703	200004.5781	0.100000001	
5	1115210-BS2	-	LCS	113.5652	10	4/8/2011 7:01	113.7599	113.7599		0.194702148	19470.21484	194702.1406	0.100000001	
6	1115210-BS3	-	LCS	109.2961	10	4/8/2011 7:01	109.4958	109.4958		0.199699402	19969.93945	199699.4063	0.100000001	
7	1115210-DUP1	11D0093-01	Duplicate	108.856	100	4/8/2011 7:01	108.8702	108.8702		0.014198303	141.9830322	14196.30371	0.01	152
8	1115210-DUP2	11D0094-01	Duplicate	113.4359	100	4/8/2011 7:01	113.445	113.445		0.009101868	91.01867676	9101.868164	0.01	179
9	1115210-DUP3	11C1255-01	Duplicate	109.2136	100	4/8/2011 7:02	109.3304	109.3304		0.116798401	1167.984009	116798.4063	0.01	1932
10	11C0903-01	Site 9	Sample	113.666	100	4/8/2011 7:02	113.6745	113.6745		0.008500244	85.00244141	8500.244141	0.01	78.2
11	11C1255-01	GL-02 (-5)	Sample	113.5772	100	4/8/2011 7:02	113.6915	113.6915		0.114295959	1142.959595	114295.9609	0.01	1932
12	11C1255-02	GL-02 (-29)	Sample	109.3225	25	4/8/2011 7:02	109.3751	109.3751		0.052597046	2103.881836	52567.04688	0.039999999	5050
13	11C1255-05	GL-05 (-7)	Sample	109.2817	100	4/8/2011 7:03	109.4106	109.4106		0.128898821	1288.988208	128898.625	0.01	1701
14	11C1255-08	GL-05 (-25)	Sample	113.6259	50	4/8/2011 7:03	113.7237	113.7237		0.097801208	1956.02417	97801.21094	0.02	3280
15	11C1255-10	GL-15 (-6)	Sample	108.8566	25	4/8/2011 7:03	108.9271	108.9271		0.070503235	2820.129395	70503.23438	0.039999999	6560
16	11C1255-11	GL-15 (-36)	Sample	113.881	50	4/8/2011 7:03	113.951	113.951		0.069998695	1399.993896	69999.69531	0.02	2290
17	11C1255-12	GL-16 (-6)	Sample	109.4513	100	4/8/2011 7:04	109.5479	109.5479		0.096595784	965.9578416	96595.78563	0.01	1550
18	11C1255-13	GL-16 (-32)	Sample	113.9054	10	4/8/2011 7:04	113.9572	113.9572		0.051795959	5179.595703	51795.95703	0.100000001	9330
19	11C1255-19	GL-20 (-5)	Sample	109.7355	100	4/8/2011 7:04	109.7832	109.7832		0.047706604	477.06604	47706.60547	0.01	1540
20	11C1255-49	Duplicate	Sample	113.5199	100	4/8/2011 7:04	113.6412	113.6412		0.121299744	1212.997437	121299.75	0.01	1810
21	11C1643-01	Site 26	Sample	108.4999	100	4/8/2011 7:05	108.5509	108.5509		0.051002502	510.0250244	51002.50391	0.01	740
22	11C1644-01	Site 25	Sample	108.9565	100	4/8/2011 7:05	108.9799	108.9799		0.023399353	233.9935303	23399.35352	0.01	415
23	11C1645-01	Site 20	Sample	113.8099	100	4/8/2011 7:05	113.859	113.859		0.049102783	491.027832	49102.78516	0.01	710
24	11D0093-01	AA-1	Sample	113.6981	100	4/8/2011 7:05	113.7126	113.7126		0.014503479	145.03479	14503.47949	0.01	152
25	11D0093-02	AA-2	Sample	109.5429	100	4/8/2011 7:06	109.5738	109.5738		0.030899048	308.9904785	30899.04883	0.01	431
26	11D0093-03	AA-3	Sample	113.9143	100	4/8/2011 7:06	113.9272	113.9272		0.012901306	129.0130615	12901.30864	0.01	193
27	11D0093-04	AA-4	Sample	108.7143	100	4/8/2011 7:06	108.7252	108.7252		0.010894775	108.9477539	10894.77539	0.01	122
28	11D0094-01	CL-1	Sample	109.5751	100	4/8/2011 7:06	109.5843	109.5843		0.00919342	91.9342041	9193.420898	0.01	179
29	11D0094-02	CL-2	Sample	109.1167	100	4/8/2011 7:07	109.1309	109.1309		0.012199402	121.9940186	12199.40234	0.01	187
30	11D0094-03	CL-3	Sample	113.677	100	4/8/2011 7:07	113.6869	113.6869		0.009896325	98.95324707	9895.325195	0.01	155
31	11D0094-04	Upstream	Sample	113.9587	100	4/8/2011 7:07	113.9704	113.9704		0.011695862	116.9586182	11695.8623	0.01	123
32	11D0094-05	Downstream	Sample	113.5834	100	4/8/2011 7:07	113.5892	113.5892		0.005805969	58.05969238	5805.969238	0.01	84.3
33	11D0195-01	Site 3 (Dry Weather)	Sample	108.2264	100	4/8/2011 7:08	108.2562	108.2562		0.027801514	278.0151367	27801.51367	0.01	490
34	11D0389-02	Metals & TDS	Sample	109.1341	25	4/8/2011 7:08	109.1983	109.1983		0.064201355	2568.054199	64201.35547	0.039999999	4770
35	11D0389-04	Metals & TDS	Sample	113.6185	25	4/8/2011 7:08	113.6886	113.6886		0.070098877	2803.955078	70098.875	0.039999999	5950
	REWEIGH						113.6886	113.6885						

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1115238 **Matrix:** Water **Department:** Metals

PREPARATION BENCH SHEET

1115238

Sequence: MID1201/MID1202

Prepared: 04/08/2011 14:46
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Calibration:

Printed: 4/11/2011 9:51:26AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1115238-BLK1		20	20				
1115238-BS1		20	20	MD10105		400	
1115238-DUP1		20	20		11D0389-04		
1115238-MS1		20	20	MD10105	11D0389-04	400	
1115238-MSD1		20	20	MD10105	11D0389-04	400	
11C1255-19	04/18/2011 15:00	20	20				
Severstal Sparrows Point			GL-20 (-5)				
Hg_Total							
11D0251-02	04/14/2011 15:00	20	20				
Richmond, City of WWTP			Alloy Polymers, Inc. 001-Manhole				
Hg_Total							
11D0252-02	04/14/2011 15:00	20	20				
Richmond, City of WWTP			Atlantic Corrugated Box Company				
Hg_Total							
11D0255-02	04/14/2011 15:00	20	20				
Richmond, City of WWTP			Veteran Administration Medical Center - 001				
Hg_Total							
11D0256-02	04/14/2011 15:00	20	20				
Richmond, City of WWTP			Upaco Adhesives, Inc. 001 Manhole				
Hg_Total							
11D0259-02	04/14/2011 15:00	20	20				
Richmond, City of WWTP			Dominion Virginia Power - Bellmeade Power Station				
Hg_Total							
11D0260-02	04/14/2011 15:00	20	20				
Richmond, City of WWTP			Sonoco Products Company: 001				
Hg_Total							
11D0328-02	04/15/2011 15:00	20	20				
Richmond, City of WWTP			Atlantic Corrugated Box Company				1-19
Hg_Total							

PREPARATION BENCH SHEET

1115238

Sequence:

Prepared: 04/08/2011 14:46
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Calibration:

Printed: 4/11/2011 9:51:26AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
11D0334-02	04/15/2011 15:00	20	20				
Richmond, City of WWTP					Veteran Administration Medical Center - 001		
Hg_Total							
11D0373-01	04/18/2011 15:00	20	20				
GenOn-Dickerson					W-003		
Hg_Total							
11D0389-02	04/18/2011 15:00	20	20				
Panda Brandywine					Metals & TDS		
Hg_Total							
11D0389-04	04/18/2011 15:00	20	20				
Panda Brandywine					Metals & TDS		
Hg_Total							
11D0449-01	04/19/2011 15:00	20	20				
Walter Reed Army Medical Ctr.					001A (MH 167)		
Hg_Total							

PREPARATION BENCH SHEET

1115238

Sequence: M1D120I / M1D120Z

Prepared: 04/08/2011 14:46
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - Metals_Hg_Prep

Calibration:

Printed: 4/11/2011 9:51:26AM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments

Tier Review:

Calibration/Checks:	Yes	No	NA	Notes/Qualifiers/Comments:
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?			✓	
LCV recoveries acceptable?			✓	
Analysis:				
Bracketing CCV recoveries acceptable?	✓	✓		CCV415 high, samples ND. 11D0255 + 11D0334 reanalyzed >R.L.
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓			

ARB — Analyst — 4/12/11 — Date

Reviewed By — 4/12/11 — Date

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1116042 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/12/2011 09:09 1116042

Prepared by: LCR

Prepared using: WetChem - COD_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (ml)	Due Date	Spike Amount uL 1 | 2	Comments
1116042-BLK1	Blank	50	50		|	
1116042-BLK2	Blank	50	50		|	
1116042-BS1	LCS	50	50		2000 |	
1116042-BS2	LCS	50	50		2000 |	
1116042-CCB1	Calibration Blank	50	50		|	
1116042-CCB2	Calibration Blank	50	50		|	
1116042-CCV1	Calibration Check	50	50		200 |	
1116042-CCV2	Calibration Check	50	50		200 |	
1116042-DUP1	Duplicate [11D0513-01]	50	50		|	
1116042-DUP2	Duplicate [11D0485-02]	50	50		|	
1116042-MS1	Matrix Spike [11D0513-01]	50	50		250 |	
1116042-MS2	Matrix Spike [11D0485-02]	50	50		250 |	
11C1255-19	GL-20 (-5)	50	50	04/18/20		
11D0043-01	Manhole	50	50	04/15/20		
11D0198-01	CP02 PZM007	50	50	04/22/20		
11D0198-02	CP02 PZM026	50	50	04/22/20		
11D0198-05	CP07 PZM006	50	50	04/19/20		
11D0198-06	CP08 PZM008	50	50	04/22/20		
11D0198-07	CP08 PZM034	50	50	04/22/20		
11D0254-01	Outfall 006	50	50	04/14/20		
11D0257-01	002	50	50	04/12/20		
11D0257-02	003	50	50	04/12/20		
11D0485-02	SW23	50	50	04/20/20		
11D0513-01	23220001 00004CQ3	50	50	04/19/20		

! /*%d*.1234		
MC10215	COD MS Stock, 10,000ppm	250uL or ug
MC12308	COD LCS, 40mg/L	200uL or ug
		2000uL or ug

Reagent ID#	Description	Lot Number
MC12230	COD Vials	

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/12/2011 09:09 1116042

Prepared by: LCR

Prepared using: WetChem - COD_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (ml)	Due Date	Spike Amount uL 1 | 2	Comments

! "#$%&#' "#( )

+. /012 3045(+789: ; <	>8;	(4	($	(43B; (? @ /0B2; (+4BB 853; <
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?				
LCV recoveries acceptable?	✓			
$5. /=; 0 <				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?				
MS/MSD RPDs acceptable?				
	✓			

Analyst Date 4/12/2011

Reviewed By 4/12/11 Date

COD by EPA410.4/HACH8000

Initial Calibration Date:			
Analyst:	LCR	Prep Date/Time:	4/12/2011 10:00
		Analysis Date/Time:	4/12/2011 13:46
Analyte: COD, Total		mg/L	
Method: EPA 410.4			

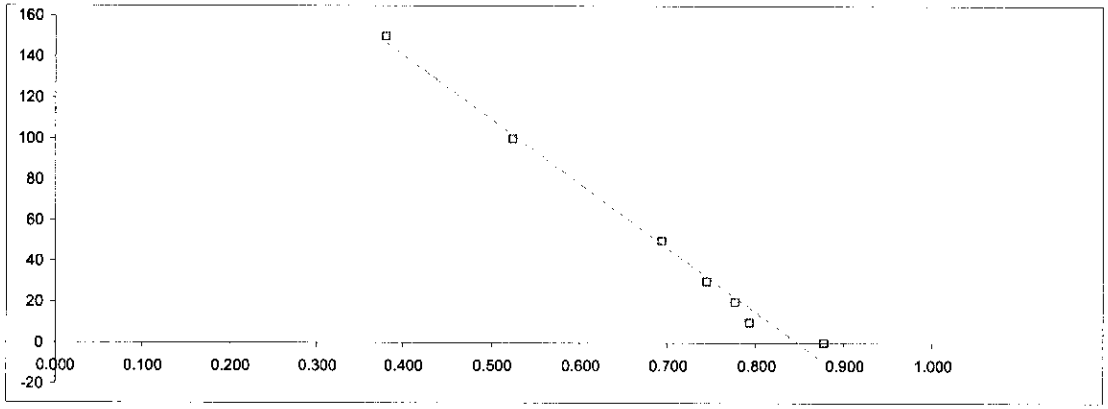
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.878		0	-9.938
0.793		10	17.029
0.777		20	22.105
0.745		30	32.257
0.694		50	48.437
0.524		100	102.371
0.381		150	147.739

Batch ID: 1116042

LINEAR EQUATION

y=a+bx

a=	0.8466741
b=	-0.0031520
r=	-0.9952571



Calculation: COD mg/L = (Raw value from curve) * DF
Calculation: COD mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Sample #	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Aliquot (mls)	Extraction Volume (mls)	Final Volume (ml)	Analyte	Net DF	RawVal	Final Conc. mg/L	Final Conc. mg/kg
1	1116042-BLK1	-	Blank	0.853	4/12/11 13:46		50		1	COD	1	-2.006931305	-2.006931305	0
2	1116042-BLK2	-	Blank	0.861	4/12/11 13:48		50		1	COD	1	-4.54501009	-4.54501009	0
3	1116042-BS1	-	LCS	0.72	4/12/11 13:50		50		1	COD	1	40.18852997	40.18852997	0
4	1116042-BS2	-	LCS	0.718	4/12/11 13:52		50		1	COD	1	40.82305908	40.82305908	0
5	1116042-CCB1	-	Calibration Blank	0.853	4/12/11 13:54		50		1	COD	1	-2.006931305	-2.006931305	0
6	1116042-CCB2	-	Calibration Blank	0.854	4/12/11 13:56		50		1	COD	1	-2.324186325	-2.324186325	0
7	1116042-CCV1	-	Calibration Check	0.722	4/12/11 13:58		50		1	COD	1	39.55401993	39.55401993	0
8	1116042-CCV2	-	Calibration Check	0.715	4/12/11 14:00		50		1	COD	1	41.77484512	41.77484512	0
9	1116042-DUP1	11D0513-01	Duplicate	0.844	4/12/11 14:02		50		1	COD	1	0.848402619	0.848402619	0
10	1116042-DUP2	11D0485-02	Duplicate	0.703	4/12/11 14:04		50		1	COD	1	45.58194351	45.58194351	0
11	1116042-MS1	11D0513-01	Matrix Spike	0.694	4/12/11 14:06		50		1	COD	1	48.43727493	48.43727493	0
12	1116042-MS2	11D0485-02	Matrix Spike	0.554	4/12/11 14:08		50		1	COD	1	92.8535614	92.8535614	0
13	11C1255-19	GL-20 (-5)	Sample	0.654	4/12/11 14:10		50		1	COD	1	61.12765121	61.12765121	0
14	11D0043-01	Manhole	Sample	0.524	4/12/11 14:12		0.25		1	COD	200	102.3713455	20474.26953	0
15	11D0198-01	CP02 PZM007	Sample	0.831	4/12/11 14:14		50		1	COD	1	4.972775936	4.972775936	0
16	11D0198-02	CP02 PZM026	Sample	0.778	4/12/11 14:16		50		1	COD	1	21.7875061	21.7875061	0
17	11D0198-05	CP07 PZM006	Sample	0.772	4/12/11 14:18		50		1	COD	1	23.6910553	23.6910553	0
18	11D0198-06	CP08 PZM008	Sample	0.49	4/12/11 14:20		50		1	COD	1	113.1581573	113.1581573	0
19	11D0198-07	CP08 PZM034	Sample	0.555	4/12/11 14:22		50		1	COD	1	92.53630829	92.53630829	0
20	11D0254-01	Outfall 006	Sample	0.573	4/12/11 14:24		0.25		1	COD	200	86.82563782	17365.12695	0
21	11D0257-01	2	Sample	0.792	4/12/11 14:26		50		1	COD	1	17.34587669	17.34587669	0
22	11D0257-02	3	Sample	0.816	4/12/11 14:28		50		1	COD	1	9.731659889	9.731659889	0
23	11D0485-02	SW23	Sample	0.697	4/12/11 14:30		50		1	COD	1	47.48549271	47.48549271	0
24	11D0513-01	23220001 00004CQ3	Sample	0.848	4/12/11 14:32		50		1	COD	1	-0.420636773	-0.420636773	0

Zeroed at 420.0 cm

Newlength 432.3 cm

Sample	Position	Time
	cm	
21	0.578	10:46:06
22	0.750	10:46:13
23	0.778	10:46:17
24	0.745	10:46:22
25	0.694	10:46:27
26	0.671	10:46:31
27	0.[illegible]	10:46:[illegible]

28	0.353	10:51:19
29	0.361	10:51:25
30	0.709	10:52:01
31	0.[illegible]	10:52:[illegible]
32	0.[illegible]	10:52:[illegible]
33	0.[illegible]	10:52:[illegible]
34	0.[illegible]	10:53:[illegible]
35	0.[illegible]	10:53:[illegible]
36	0.344	10:53:[illegible]
37	0.[illegible]	10:54:[illegible]
38	0.494	10:54:[illegible]
39	0.[illegible]	10:54:[illegible]
40	0.[illegible]	10:55:[illegible]
41	0.[illegible]	10:55:[illegible]
42	0.[illegible]	10:55:[illegible]
43	0.[illegible]	10:56:[illegible]
44	0.772	10:56:[illegible]
45	0.[illegible]	10:56:[illegible]
46	0.555	10:57:[illegible]
47	0.573	10:57:[illegible]
48	0.752	10:58:[illegible]
49	0.816	10:58:[illegible]
50	0.[illegible]	10:59:[illegible]
51	0.[illegible]	10:59:[illegible]
52	0.549	10:59:[illegible]

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1116047 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/12/2011 10:38 1116047

Prepared by: BMC

Prepared using: WetChem - Cl_Titration_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1116047-BLK1	Blank	50	50		|	
1116047-BLK2	Blank	50	50		|	
1116047-BS1	LCS	50	50		2000 |	
1116047-BS2	LCS	50	50		2000 |	
1116047-DUP1	Duplicate [11C1255-39]	50	50		|	
1116047-DUP2	Duplicate [11C1255-19]	50	50		|	
1116047-MS1	Matrix Spike [11C1255-39]	50	50		1000 |	
1116047-MS2	Matrix Spike [11C1255-19]	50	50		1000 |	
11C1255-17	GL-18 (-33)	50	50	04/18/20		
11C1255-19	GL-20 (-5)	50	50	04/18/20		
11C1255-20	TS-01 (-7)	50	50	04/18/20		
11C1255-39	GL-11 (-1)	50	50	04/18/20		
11C1255-40	GL-08 (-36)	50	50	04/18/20		
11C1255-41	GL-08 (-3)	50	50	04/18/20		
11C1255-44	Duplicate	50	50	04/18/20		
11C1255-48	Duplicate	50	50	04/18/20		
11D0050-01	Outfall 001/Wastestream 001 Grab 1	50	50	04/14/20		
11D0050-02	Outfall 001/Wastestream 001 Grab 2	50	50	04/14/20		
11D0050-03	Outfall 001/Wastestream 001 Grab 3	50	50	04/14/20		
11D0050-04	Outfall 001/Wastestream 001 Grab 4	50	50	04/14/20		
11D0051-01	Outfall 001/Wastestream 001 Grab 1	50	50	04/15/20		
11D0051-02	Outfall 001/Wastestream 001 Grab 2	50	50	04/15/20		
11D0051-03	Outfall 001/Wastestream 001 Grab 3	50	50	04/15/20		
11D0051-04	Outfall 001/Wastestream 001 Grab 4	50	50	04/15/20		
11D0052-01	Outfall 001/Wastestream 001 Grab 1	50	50	04/18/20		
11D0052-02	Outfall 001/Wastestream 001 Grab 2	50	50	04/18/20		
11D0052-03	Outfall 001/Wastestream 001 Grab 3	50	50	04/18/20		
11D0052-04	Outfall 001/Wastestream 001 Grab 4	50	50	04/18/20		

! /*%d*.1234		
MC10107	CL Standard 1250 ppm	1000uL or ug 2000uL or ug

Reagent ID#	Description	Lot Number

Printed: 4/13/2011 4:51:00PM

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/12/2011 10:38 1116047

Prepared by: BMC

Prepared using: WetChem - Cl_Titration_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
! "#$%&#" "#( )						

+. /012 3456+789: ; <	>8;	(4	($	(43B; ?@/0B2; +4B B 853 <
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?			✓	
HCV check recoveries acceptable?			✓	
LCV recoveries acceptable?			✓	
$5. /=; Q <				
Bracketing CCV recoveries acceptable?			✓	
Bracketing CCB concentrations < 1/2 MRL?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Analyst Date 4/12/11

Reviewed By Date 4/13/11

Chloride (Titrimetric, Mercuric Nitrate)
SM4500Cl-C/SM4500Cl-C(M)

Microbac Laboratories, Inc., Baltimore Division
Control #: 289
Effective Date: 10/13/2010
Page: 1 of 1

Date/Time: 4/12/11 @ 1130 Analyst: BMC

Chloride Standards:
1250ppm Stock Chemical #: MC10107 Expiration Date: 9/1/11
LCS/ICV/CCV: Solution #: Expiration Date:

Reagents:
Mixed Indicator Solution # MA11403 HNO_3, 0.3% Solution #: MA11402
NaOH, 0.25N Solution # Mercuric Nitrate Solution #: ML00120 N: 0.0141

	1st Tier Review				2nd Tier Review			
Initials/Date: BMC 4/12/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Sample Analysis:								
Were all samples analyzed within 28 days?	✓							
Were all chemicals and solutions within expiration date?	✓							
Were all chemical and solution numbers documented?	✓							
Was a LCS and MBLK analyzed every 20 samples?	✓							
Was a CCB and CCV analyzed every 10 samples and after last sample?			✓					
Were all QC recoveries acceptable?	✓							
Were sample duplicates performed every 10 samples?	✓							
Were RPDs within acceptance limits?	✓							
Were matrix spikes performed every 10 samples?								
Were spike recoveries within acceptance limits?	✓							
Are all LIMS sample numbers documented?	✓							
Was data and detection limits accurately entered in the LIMS?	✓							

Chloride by Titration

EPA 325.3/SW846 9253M

Analyst: BMC **Date/Time:** 4/12/2011 11:30 **Titrant Normality:** 0.0141 Omega Batch ID:_____

Calculation: (ml titrant * N of titrant * 35450)/ml sample = mg Cl/L

A	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Import Spec. - WC_Titration													
	SamplD	Client ID	SampType	Sample (ml)	Titrant (ml)	DF	AnalDate	units	TestCode	Analyte	Spike (mg/L)	RawVal	FinalVal	Recovery or RPD
11	Method Blank	Method Blank	MBLK	50	0.05	1.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		0.50	0.50	
12	LCS	LCS	LCS	50	5.00	1.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride	50	49.98	49.98	99.97%
13	Method Blank	Method Blank	MBLK	50	0.05	1.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		0.50	0.50	
14	LCS	LCS	LCS	50	5.05	1.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride	50	50.48	50.48	100.97%
13	11C1255-39		SAMP	25	4.35	2.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		43.49	86.97	
14		DUP	DUP	25	4.40	2.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		43.99	87.97	1.14%
15		MS	MS	25	5.65	2.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride	25	56.48	112.96	103.97%
16	11C1255-17		SAMP	1	7.05	50.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		70.48	3523.91	
17	11C1255-20		SAMP	1	7.45	50.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		74.48	3723.85	
18	11C1255-40		SAMP	1	4.35	50.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		43.49	2174.33	
19	11C1255-41		SAMP	10	6.30	5.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		62.98	314.90	
20	11C1255-44		SAMP	25	2.00	2.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		19.99	39.99	
21	11C1255-48		SAMP	25	7.45	2.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		74.48	148.95	
22	11D0050-01		SAMP	5	7.65	10.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		76.48	764.76	
23	11D0050-02		SAMP	5	6.55	10.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		65.48	654.80	
24	11C1255-19		SAMP	25	2.25	2.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		22.49	44.99	
25		DUP	DUP	25	2.25	2.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		22.49	44.99	0.00%
26		MS	MS	25	3.50	2.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride	25	34.99	69.98	99.97%
27	11D0050-03		SAMP	5	9.30	10.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		92.97	929.71	
28	11D0050-04		SAMP	5	5.05	10.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		50.48	504.84	
29	11D0051-01		SAMP	1	3.30	50.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		32.99	1649.49	
30	11D0051-02		SAMP	5	4.25	10.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		42.49	424.87	
31	11D0051-03		SAMP	5	4.35	10.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		43.49	434.87	
32	11D0051-04		SAMP	5	2.50	10.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		24.99	249.92	
33	11D0052-01		SAMP	1	4.55	50.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		45.49	2274.29	
34	11D0052-02		SAMP	5	5.00	10.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		49.98	499.85	
35	11D0052-03		SAMP	1	4.15	50.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		41.49	2074.36	
37	11D0052-04		SAMP	5	4.95	10.0	4/12/2011 11:30	mg/L	CL_TIT_WW	Chloride		49.48	494.85	

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1116163 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/14/2011 10:36 1116163

Prepared by: BMC

Prepared using: WetChem - Alkalinity_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1116163-BLK1	Blank	100	100		|	
1116163-BS1	LCS	100	100		5000 |	
1116163-DUP1	Duplicate [11D0629-01]	100	100		|	
1116163-MS1	Matrix Spike [11D0629-01]	100	100		20000 |	
11C1255-01	GL-02 (-5)	100	100	04/18/20		
11C1255-02	GL-02 (-29)	100	100	04/18/20		
11C1255-05	GL-05 (-7)	100	100	04/18/20		
11C1255-06	GL-05 (-25)	100	100	04/18/20		
11C1255-10	GL-15 (-6)	100	100	04/18/20		
11C1255-12	GL-16 (-6)	100	100	04/18/20		
11C1255-13	GL-16 (-32)	100	100	04/18/20		
11C1255-48	Duplicate	100	100	04/18/20		
11D0511-01	23200001 00004CQ3	100	100	04/15/20		
11D0629-01	23340001 00004DSY	100	100	04/19/20		

Standard(s):

MD11401	Alkalinity Lcs 1000ppm	20000uL or ug
		5000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/14/2011 10:36 1116163

Prepared by: BMC

Prepared using: WetChem - Alkalinity_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?			✓	
HCV check recoveries acceptable?			✓	
LCV recoveries acceptable?			✓	
Analysis:				
Bracketing CCV recoveries acceptable?			✓	
Bracketing CCB concentrations < 1/2 MRL?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

N'd holdtime

Bernadette Cummings 4/15/11
Analyst Date

Reviewed By BJ 4/15/11
Date

Alkalinity

SM 2320 B

11/16/23

Control #: 50-181
Effective Date: 6/15/2007
Page: 1 of 2

Date: 4/14/11 @ 1045 Analyst: BMc

1000 ppm Standard: Solution #: MD11401 Expiration Date: 7/14/11

Peroxide (if applicable) Chemical #: Expiration Date:

Titrant: Chemical #: MC10301 Expiration Date: 6/30/11 Normality: 0.02N

MD10729 10/7/11 0.1N

Calculation:

Total Alkalinity, ppm $CaCO_3$ = (ml titrant * N of titrant * 50000)/ ml sample

Sample ID	Head Space (+/-)	Initial pH 4.9	Sample (ml)	Titrant (ml) (total ml to endpoint) To pH 8.3	To pH 4.5 -0.3 pH units		Concentration (ppm) Total	DF	Carbonate	Bicarbonate
Blank	-	~~6.30~~	100		0.05		0.5	1		
LCS	-	9.5	100		5.00		50	1		
11D0629-01	-	7.3	~~25~~ 10		4.20		420	10		42
dup	-	7.5	10		4.25		425	10		42.5
MS	-	8.9	10	0.55	6.05		605	10		60.5
11D0511-01	-	7.8	10		4.30		430	10		43
11C1255-01	-	7.1	25		6.65		266	4		66.5
-02	-	2.9	100		0		0	1		
-05	-	5.7	50		2.80		56	2		28
-06	-	5.9	100		3.75		37.5	1		
-10	-	12.2	25	4.20	4.25		850	4		212.5
-12	-	4.3	~~100~~ 10		~~3.05~~	0	0	1		
-13	-	6.5	100		3.05		30.5	1		
-48	-	5.7	50		2.80		56	2		28

BMc 4/14/11

Notes:

1.) pH Meter: Orion 920A S/N 001638.

2.) Sample titrated to pH 4.5 unless otherwise noted.

Alkalinity
SM 2320 B

Date Test Completed: 4/14/11 Analyst: BMC

1st Tier					2nd Tier			
Initials/Date: BMC 4/14/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was titrant standardized?			✓	bought				
Were all samples free of head space?	✓							
If no, were results footnoted?			✓					
Was method blank ≤0.5 ppm?	✓							
Were all samples analyzed within 14 day holding time?	✓	✓						
If no, were results footnoted in notebook and LIMS?	✓							
Are all Chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Was LCS within acceptance limits?	✓							
Were 10% of the samples performed in duplicate?	✓							
Were RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were spike recoveries within acceptance limits?	✓	BMC 4/14/11						
If titrant was < 2.0 ml was pH lowered 0.3 pH units more and correct calculation applied?			✓					
If carbonate or bicarbonate alkalinity is required was titrant to pH 8.3 and 4.5 recorded ?			✓					
Was correct calculation used to determine bicarbonate and carbonate alkalinity?			✓					
Were samples peroxide digested?		✓						
If yes, was a method blank and LCS also digested?			✓					
If yes, were results footnoted in notebook and LIMS?			✓					
Were the samples titrated to pH 4.5?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments:

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1116182 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/14/2011 09:00 1116182

Prepared by: LCR

Prepared using: WetChem - WetCem_SO4_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1116182-BLK1	Blank	25	25		|	
1116182-BLK2	Blank	25	25		|	
1116182-BS1	LCS	25	25		500 |	
1116182-BS2	LCS	25	25		500 |	
1116182-DUP1	Duplicate [11D0094-01]	25	25		|	
1116182-DUP2	Duplicate [11C1255-11]	25	25		|	
1116182-MS1	Matrix Spike [11D0094-01]	25	25		500 |	
1116182-MS2	Matrix Spike [11C1255-11]	25	25		12500 |	
11C1255-01	GL-02 (-5)	25	25	04/18/20		
11C1255-02	GL-02 (-29)	25	25	04/18/20		
11C1255-05	GL-05 (-7)	25	25	04/18/20		
11C1255-06	GL-05 (-25)	25	25	04/18/20		
11C1255-11	GL-15 (-36)	25	25	04/18/20		
11C1255-13	GL-16 (-32)	25	25	04/18/20		
11C1255-14	GL-17 (-1)	25	25	04/18/20		
11C1255-19	GL-20 (-5)	25	25	04/18/20		
11C1454-02	Effluent	25	25	04/04/20		
11C1693-01	Influent	25	25	04/11/20		
11C1693-02	Effluent	25	25	04/11/20		
11D0094-01	CL-1	25	25	04/13/20		
11D0094-02	CL-2	25	25	04/13/20		
11D0094-03	CL-3	25	25	04/13/20		
11D0094-04	Upstream	25	25	04/13/20		
11D0094-05	Downstream	25	25	04/13/20		
11D0405-01	Influent	25	25	04/18/20		
11D0405-02	Effluent	25	25	04/18/20		
11D0405-03	Final Effluent	25	25	04/18/20		
11D0670-09	WP Minerals (PT-MN-WP)	25	25	05/02/20		

! /*%d*.1234		
MA02203	Sulfate Stock Standard 1000ppm	500uL or ug
MF02303		12500uL or ug
		500uL or ug

Reagent ID#	Description	Lot Number
MC12104	SULFATE CALIBRATION STAND/	
MC12105	SULFATE CONDITIONING REAG	
MD11323	SULFATE PILLOWS	

Printed: 4/14/2011 1:49:18PM

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/14/2011 09:00 1116182

Prepared by: LCR

Prepared using: WetChem - WetCem_SO4_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
! "#$%&#' "#( )						

+. /012 3045(+789: ; <	>8;	(4	($	(43B; (?@/0482; (+4B B 853 <
Calibration Coeficient Acceptable for all needed analytes?				
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?		✓		
$5. /=; 0 <	✓			
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	—			FNd K1 dup i
MS/MSD recoveries acceptable?				
MS/MSD RPDs acceptable?	—			
	✓			

Analyst 4-14-11 Date

Reviewed By 4/14/11 Date

Printed: 4/14/2011 1:49:18PM

Sulfate

EPA 375.4/SW846 9038

Date: April 14, 2011 Analyst: Lisa Ray

Standard/Spike Stock Solution: Chemical #: 1T 023033 Expiration Date: 3-12-12

Calibration Standards: Solution #: 1C12104 Expiration Date: 4-21-11

LCS Stock Solution: Chemical #: 1A 022033 Expiration Date: 9-18-11

Conditioning Reagent: Solution #: 1C12105 Expiration Date: 4-21-11

Barium Chloride: Chemical #: 1D11373

Spectrophotometer: Cecil CE 2041; SN 125-733

Printout #	Sample ID	Dilution g Sample	Dilution mL DI Water	Dilution Factor		Notes
1	Method Blank	25		1		
2	Low Check Std (5ppm)	25		1		
3	High Check Std (40ppm)	25		1		
4	LCS (20ppm)	25		1		
5	11D0094-01			x1		
6	Dup			x1		
7	Matrix Spike			x1		
8	02			x1		
9	03			x1		
10	04			x1		
11	05			x1		
12	11D0476-09	10	40	x5		See excel sheet for additional calculations
13	11C1454-02	1	49	x50		
14	11C1093-01	1	49	x50		Color.
15	02	1	49	x50		Correction.
16	11C1255-19	10	40	x5		
17	CCV (20 ppm)	25		1		
18	CCB	25		1		
19	11C1255-11	2	48	x25		
20	Dup	2	48	x25		
21	Matrix Spike	2	48	x25		
22	13	5	45	x10		
23	02	5	45	x10		
24	06	5	45	x10		
25	01	5	45	x10		
26	05	2	48	x25		
27	14	2	48	x25		x50

1 49 x50

Sulfate

EPA 375.4/SW846 9038

Printout #	Sample ID	Dilution g Sample	Dilution mL DI Water	Dilution Factor	Notes
28	110CX05-01	1	49	X50	
29	02	1	49	X50	CBlank
30	03	1	49	X50	Calculate
31	Method Blank	25		1	
32	LCS (20ppm)	25		1	
33					
34	Dup				
35	Matrix Spike				
36					
37					
38					
39				100	
40				4/14-11	
41					
42					
43					
44					
45	CCV (20 ppm)	25		1	
46	CCB	25		1	

Tier 1 Review Analyst/Date:	Yes	No	NA	Notes	Tier 2 Review Analyst/Date: Yes	No	NA	Notes
Calibration:								
Does curve span from 1 to 40ppm at 5ppm increments?	✓							
Was curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 90-110%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical/solution # documented?	✓							
Were all reagents within expiration dates?	✓							
Was method blank <0.5ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates analyzed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Were 10% of the samples matrix spiked?	✓							
Were matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after ever 10 samples?	✓							
Was ABS measured on 1 sample every 30 sec for 4 min?	✓							
Was a check standard analyzed after last sample?	✓							
Were all IDS and absorbencies transcribed correctly?	✓							

INITIAL CALIBRATION WORKSHEET

Import Spec. - WC_Water

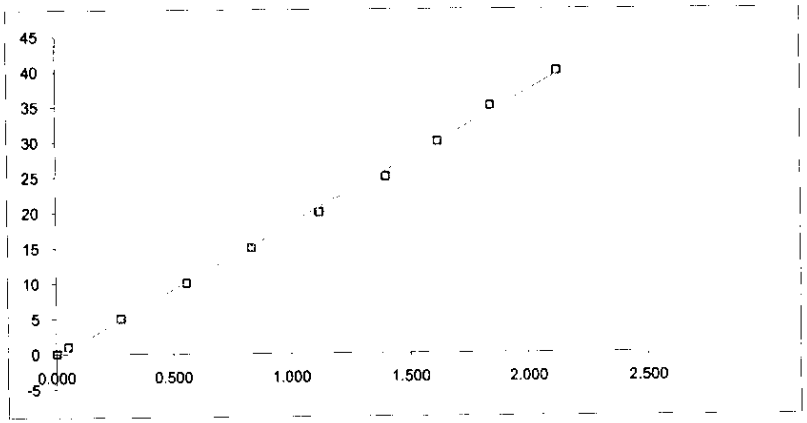
Initial Calibration Date: 3/21/2011 **Test Code:** SO4_WW
Analyst: LCR **Prep Date/Time:** 4/14/2011 9:00
Analysis Date/Time: 4/14/2011 9:21
Analyte: Sulfate **Units:** mg/L
by EPA 375.4/SW846 9038

[redacted]			
0.003	0	-0.305	
0.050	1	0.577	57.73
0.274	5	4.784	95.68
0.558	10	10.118	101.18
0.834	15	15.302	102.01
1.122	20	20.711	103.55
1.400	25	25.932	103.73
1.620	30	30.064	100.21
1.844	35	34.270	97.92
2.125	40	39.548	98.87

Omega Batch ID:_____

LINEAR EQUATION
y=a+bx

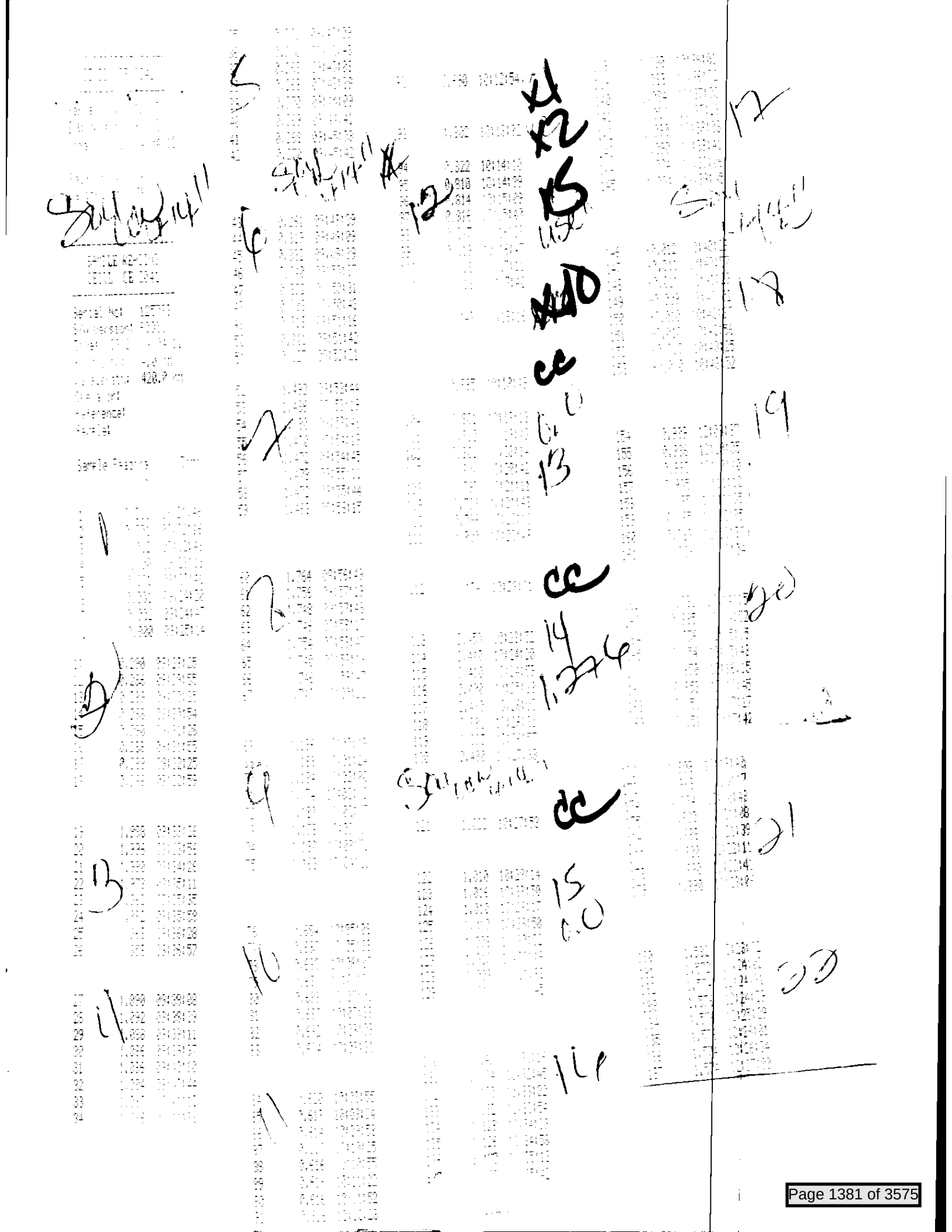
a=	0.0192635
b=	0.0532451
r=	0.9993056



INITIAL CALIBRATION WORKSHEET

Initial Calibration Date: 3/21/2011 **Test Code:** SO4_WW
Analyst: LCR **Prep Date/Time:** 4/14/2011 9:00
Analysis Date/Time: 4/14/2011 9:21
Analyte: Sulfate **Units:** mg/l
by EPA 375.4/SW846 9038

A	B	C	E	F	G	H	I	J	K	L	M	N	O	P	Q
	Import Spec. - WC_Water														
	Printout #	SamplD	SampType	Response (abs)	DF	PrepDate	AnalDate	Units	TestCode	Analyte	Spike (ppm)	RawVal	Final Conc.	Conc. (ppm)	Recovery or RPD
61	1	Method Blank	MBLK	0.001	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		-0.343	-0.343	ND	
62	2	Low Chk (5 ppm)	LCS1	0.290	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate	5	5.085	5.085	5.085	101.69%
63	3	High Chk (40 ppm)	LCS2	1.988	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate	40	36.975	36.975	36.975	92.44%
64	4	LCS (20 ppm)	LCS	1.090	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate	20	20.110	20.110	20.110	100.55%
65	5	11D0094-01	SAMP	0.271	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		4.728	4.728	4.728	
66	6	DUP	DUP	0.340	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		6.024	6.024	6.024	24.11%
67	7	MS	MS	1.492	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate	20	27.660	27.660	27.660	114.66%
68	8	11D0094-02	SAMP	1.764	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		32.768	32.768	32.768	
69	9	11D0094-03	SAMP	1.188	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		21.950	21.950	21.950	
70	10	11D0094-04	SAMP	0.684	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		12.484	12.484	12.484	
71	11	11D0094-05	SAMP	0.620	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		11.282	11.282	11.282	
72	12	11D0670-09	SAMP	2.690	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		50.159	50.159	50.159	
73	13	11D0670-09	SAMP	1.802	2	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		33.482	66.963	66.963	
74	14	11D0670-09	SAMP	0.822	5	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		15.076	75.381	75.381	
75	15	11D0670-09	SAMP	0.443	10	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		7.958	79.582	79.582	
73	13	11C1454-02	SAMP	0.000	50	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		-0.362	-18.089	ND	
74	14	11C1693-01	SAMP	1.276	50	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		23.603	1180.143	########	
75	15	11C1693-02	SAMP	0.000	50	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		-0.362	-18.089	ND	
76	16	11C1255-19	SAMP	1.142	50	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		21.086	1054.309	########	
77	17	CCV #1(20ppm)	CCV	1.094	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate	20	20.185	20.185	20.185	100.92%
78	18	CCB #1	CCB	0.000	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		-0.362	-0.362	ND	
79	19	11C1255-11	SAMP	0.989	25	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		18.213	455.317	455.317	
80	20	DUP	DUP	0.956	25	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		17.593	439.823	439.823	3.46%
81	21	MS	MS	1.968	25	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate	500	36.599	914.984	914.984	91.93%
82	22	11C1255-13	SAMP	1.582	10	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		29.350	293.499	293.499	
83	23	11C1255-02	SAMP	0.594	10	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		10.794	107.942	107.942	
84	24	11C1255-06	SAMP	1.268	10	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		23.453	234.526	234.526	
85	25	11C1255-01	SAMP	1.490	10	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		27.622	276.220	276.220	
86	26	11C1255-05	SAMP	1.292	25	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		23.903	597.584	597.584	
87	27	11C1255-14	SAMP	1.010	50	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		18.607	930.354	930.354	
88	28	11D0405-01	SAMP	0.502	50	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		9.066	453.315	453.315	
89	29	11D0405-02	SAMP	0.000	50	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		-0.362	-18.089	ND	
90	30	11D0405-03	SAMP	1.011	50	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		18.626	931.293	931.293	
91	31	CCV #2(20ppm)	CCV	1.062	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate	20	19.584	19.584	19.584	97.92%
92	32	CCB #2	CCB	0.000	1	4/14/2011 9:00	4/14/2011 9:21	mg/L	SO4_WW	Sulfate		-0.362	-0.362	ND	



Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1117009 **Matrix:** Water **Department:** WetChem

Sequence:

Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/18/2011 10:38 1117009

Prepared by: BMC

Prepared using: WetChem - Alkalinity_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1117009-BLK1	Blank	100	100		|	
1117009-BS1	LCS	100	100		5000 |	
1117009-DUP1	Duplicate [11C1255-19]	100	100		|	
1117009-MS1	Matrix Spike [11C1255-19]	100	100		4000 |	
11C1255-11	GL-15 (-36)	100	100	04/18/20		
11C1255-19	GL-20 (-5)	100	100	04/18/20		
11C1255-50	GL-08S (-3)	100	100	04/18/20		
11C1255-51	GL-08D (-36)	100	100	04/18/20		

Standard(s):

MD11401	Alkalinity Lcs 1000ppm	4000uL or ug
		5000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/18/2011 10:38 1117009

Prepared by: BMC

Prepared using: WetChem - Alkalinity_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?			✓	
ICB concentrations < 1/2 MRL?			✓	
HCV check recoveries acceptable?			✓	
LCV recoveries acceptable?			✓	
Analysis:				
Bracketing CCV recoveries acceptable?			✓	
Bracketing CCB concentrations < 1/2 MRL?			✓	
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?			✓	

Bernadette Gumms 4/18/11
Analyst Date

BJ 4/18/11
Reviewed By Date

Alkalinity

SM 2320 B

1117C09

Control # 50-181
Effective Date 6/5/2007
Page 1 of 2

Date: 4/18/11 @ 1015 Analyst: BMC

1000 ppm Standard: Solution #: M D114d Expiration Date: 7/14/11

Peroxide (if applicable) Chemical #: _____ Expiration Date: _____

Titrant: Chemical #: MC10301 Expiration Date: 6/30/11 Normality: 0.02N

Calculation:

Total Alkalinity, ppm $CaCO_3$ = (ml titrant * N of titrant * 50000)/ ml sample

Sample ID	Head Space (+,-)	Initial pH	Sample (ml)	Titrant (ml) (total ml to endpoint) To pH 8.3	Titrant (ml) To pH 4.5 ±0.3 pH units	Concentration (ppm) Total	DF	Carbonate	Bicarbonate @100mls
Blank	-	4.9	100		0.05	0.5	1		
LCS	-	9.1	100		5.00	50	1		
11D1255-11	-	7.9	10		8.45	845	10		84.5
-19	-	9.8	50	2.00	3.75	75	2		37.5
-50	-	10.2	25	2.45	3.70	148	4		37
-51	-	5.9	50		3.60	72	2		36
-19 dup	-	9.9	50	1.95	3.80	76	2		38
~~-19 MS~~	-	10.1	50	3.35	6.10	122	2		61 BMC 4/18/11
-19MSRR	-	10.0	50	3.25	5.90	118	2		59

BMC 4/18/11

Notes:

1.) pH Meter: Orion 920A S/N 001638.

2.) Sample titrated to pH 4.5 unless otherwise noted.

Alkalinity
SM 2320 B

Date Test Completed: 4/18/11 Analyst: DMC

1st Tier					2nd Tier			
Initials/Date: DMC 4/18/11					Initials/Date			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was titrant standardized?			✓					
Were all samples free of head space?	✓							
If no, were results footnoted?			✓					
Was method blank ≤0.5 ppm?	✓							
Were all samples analyzed within 14 day holding time?	✓							
If no, were results footnoted in notebook and LIMS?			✓					
Are all Chemical and solution # documented?	✓							
Are any standards or reagents expired?		✓						
Was LCS within acceptance limits?	✓							
Were 10% of the samples performed in duplicate?	✓							
Were RPDs within acceptance limits?	✓							
Was a matrix spike performed on 10% of the samples?	✓							
Were spike recoveries within acceptance limits?								
If titrant was < 2.0 ml was pH lowered 0.3 pH units more and correct calculation applied?			✓					
If carbonate or bicarbonate alkalinity is required was titrant to pH 8.3 and 4.5 recorded ?			✓					
Was correct calculation used to determine bicarbonate and carbonate alkalinity?			✓					
Were samples peroxide digested?			✓					
If yes, was a method blank and LCS also digested?			✓					
If yes, were results footnoted in notebook and LIMS?			✓					
Were the samples titrated to pH 4.5?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments:

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1117021 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/18/2011 12:36 1117021

Prepared by: BMC

Prepared using: WetChem - Cl_Titration_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1117021-BLK1	Blank	50	50		|	
1117021-BLK2	Blank	50	50		|	
1117021-BS1	LCS	50	50		2000 |	
1117021-BS2	LCS	50	50		2000 |	
1117021-DUP1	Duplicate [11C1255-03]	50	50		|	
1117021-DUP2	Duplicate [11C1255-09]	50	50		|	
1117021-MS1	Matrix Spike [11C1255-03]	50	50		1000 |	
1117021-MS2	Matrix Spike [11C1255-09]	50	50		1000 |	
11C1255-01	GL-02 (-5)	50	50	04/18/20		
11C1255-02	GL-02 (-29)	50	50	04/18/20		
11C1255-03	GL-03 (-3)	50	50	04/18/20		
11C1255-04	GL-03 (-16)	50	50	04/18/20		
11C1255-05	GL-05 (-7)	50	50	04/18/20		
11C1255-06	GL-05 (-25)	50	50	04/18/20		
11C1255-07	GL-09 (-2)	50	50	04/18/20		
11C1255-08	GL-09 (-20)	50	50	04/18/20		
11C1255-09	GL-11 (-33)	50	50	04/18/20		
11C1255-10	GL-15 (-6)	50	50	04/18/20		
11C1255-11	GL-15 (-36)	50	50	04/18/20		
11C1255-12	GL-16 (-6)	50	50	04/18/20		
11C1255-13	GL-16 (-32)	50	50	04/18/20		
11C1255-14	GL-17 (-1)	50	50	04/18/20		
11C1255-15	GL-17 (-31)	50	50	04/18/20		
11C1255-16	GL-18 (-3)	50	50	04/18/20		

Standard(s):

MC10107	CL Standard 1250 ppm	1000uL or ug
		2000uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/18/2011 12:36 1117021

Prepared by: BMC

Prepared using: WetChem - Cl_Titration_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			/	
ICV recoveries acceptable?			/	
ICB concentrations < 1/2 MRL?			/	
HCV check recoveries acceptable?			/	
LCV recoveries acceptable?			/	
Analysis:				
Bracketing CCV recoveries acceptable?			/	
Bracketing CCB concentrations < 1/2 MRL?			/	
Method Blank concentrations < 1/2 MRL?	/			
LCS (BS) recoveries acceptable?	/			
Sample Duplicate RPDs acceptable?	/			
MS/MSD recoveries acceptable?	/			
MS/MSD RPDs acceptable?			/	

Bernadette Summey 4/19/11
Analyst Date

BJ 4/19/11
Reviewed By Date

Chloride (Titrimetric, Mercuric Nitrate)

SM4500Cl-C/SM4500Cl-C(M)

Microbac Laboratories, Inc., Baltimore Division
Control #: 289
Effective Date: 10/13/2010
Page: 1 of 1

Date/Time: 4/18/11 1800

Analyst: BMC

Chloride Standards:
1250ppm Stock Chemical #: MC10107

Expiration Date: 9/1/11

LCS/ICV/CCV: Solution #:

Expiration Date:

Reagents:
Mixed Indicator Solution # MD11909

HNO_3, 0.3% Solution #: ~~MD11908~~ MD11908 BMC 4/18/11

NaOH, 0.25N Solution #

Mercuric Nitrate Solution #: ML00120 N: 0.0141

	1st Tier Review				2nd Tier Review			
Initials/Date: BMC 4/18/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Sample Analysis:								
Were all samples analyzed within 28 days?	✓							
Were all chemicals and solutions within expiration date?	✓							
Were all chemical and solution numbers documented?	✓							
Was a LCS and MBLK analyzed every 20 samples?	✓							
Was a CCB and CCV analyzed every 10 samples and after last sample?			✓					
Were all QC recoveries acceptable?	✓							
Were sample duplicates performed every 10 samples?	✓							
Were RPDs within acceptance limits?	✓							
Were matrix spikes performed every 10 samples?	✓							
Were spike recoveries within acceptance limits?	✓							
Are all LIMS sample numbers documented?	✓							
Was data and detection limits accurately entered in the LIMS?								

Chloride by Titration

EPA 325.3/SW846 9253M

Analyst: BMC **Date/Time:** 4/18/2011 18:00 **Titrant Normality:** 0.0141 Omega Batch ID:_____

Calculation: (ml titrant * N of titrant * 35450)/ml sample = mg Cl/L

A	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Import Spec. - WC Titration													
	SampID	Client ID	SampType	Sample (ml)	Titrant (ml)	DF	AnalDate	units	TestCode	Analyte	Spike (mg/L)	RawVal	FinalVal	Recovery or RPD
11	Method Blank	Method Blank	MBLK	50	0.05	1.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		0.50	0.50	
12	Method Blank	Method Blank	MBLK	50	0.05	1.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		0.50	0.50	
13	LCS	LCS	LCS	50	5.00	1.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride	50	49.98	49.98	99.97%
14	LCS	LCS	LCS	50	4.95	1.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride	50	49.48	49.48	98.97%
15	11C1255-01		SAMP	20	8.80	2.5	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		87.97	219.93	
16	11C1255-02		SAMP	1	2.95	50.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		29.49	1474.54	
17	11C1255-03		SAMP	25	2.05	2.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		20.49	40.99	
18		DUP	DUP	25	2.10	2.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		20.99	41.99	2.41%
19		MS	MS	25	3.25	2.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride	25	32.49	64.98	95.97%
20	11C1255-04		SAMP	10	5.30	5.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		52.98	264.92	
21	11C1255-05		SAMP	10	3.00	5.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		29.99	149.95	
22	11C1255-06		SAMP	1	2.05	50.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		20.49	1024.68	
23	11C1255-07		SAMP	10	5.90	5.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		58.98	294.91	
24	11C1255-08		SAMP	5	6.75	10.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		67.48	674.79	
25	11C1255-09		SAMP	25	2.90	2.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		28.99	57.98	
26		DUP	DUP	25	2.90	2.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		28.99	57.98	0.00%
27		MS	MS	25	4.15	2.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride	25	41.49	82.97	99.97%
28	11C1255-10		SAMP	1	2.25	50.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		22.49	1124.65	
29	11C1255-11		SAMP	50	3.10	1.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		30.99	30.99	
30	11C1255-12		SAMP	10	3.00	5.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		29.99	149.95	
31	11C1255-13		SAMP	1	6.10	50.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		60.98	3049.05	
32	11C1255-14		SAMP	10	4.75	5.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		47.49	237.43	
33	11C1255-15		SAMP	1	4.45	50.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		44.49	2224.31	
34	11C1255-16		SAMP	10	4.35	5.0	4/18/2011 18:00	mg/L	CL_TIT_WW	Chloride		43.49	217.43	

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1117088 **Matrix:** Water **Department:** WetChem

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/19/2011 15:45 1117088

Prepared by: LCR

Prepared using: WetChem - WetCem_SO4_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1117088-BLK1	Blank	25	25		|	
1117088-BLK2	Blank	25	25		|	
1117088-BLK3	Blank	25	25		|	
1117088-BS1	LCS	25	25		500 |	
1117088-BS2	LCS	25	25		500 |	
1117088-BS3	LCS	25	25		500 |	
1117088-DUP1	Duplicate [11C1255-48]	25	25		|	
1117088-DUP2	Duplicate [11D0198-04]	25	25		|	
1117088-DUP3	Duplicate [11D0198-07]	25	25		|	
1117088-MS1	Matrix Spike [11C1255-48]	25	25		25000 |	
1117088-MS2	Matrix Spike [11D0198-04]	25	25		500 |	
1117088-MS3	Matrix Spike [11D0198-07]	25	25		500 |	
11C1255-10	GL-15 (-6)	25	25	04/18/20		
11C1255-12	GL-16 (-6)	25	25	04/18/20		
11C1255-15	GL-17 (-31)	25	25	04/18/20		
11C1255-20	TS-01 (-7)	25	25	04/18/20		
11C1255-48	Duplicate	25	25	04/18/20		
11D0198-01	CP02 PZM007	25	25	05/03/20		
11D0198-02	CP02 PZM026	25	25	05/03/20		
11D0198-03	CP05 PZM008	25	25	05/03/20		
11D0198-04	CP05 PZM019	25	25	05/03/20		
11D0198-05	CP07 PZM006	25	25	05/03/20		
11D0198-06	CP08 PZM008	25	25	05/03/20		
11D0198-07	CP08 PZM034	25	25	05/03/20		
11D0198-08	CP09 PZM010	25	25	05/03/20		
11D0198-10	CP09 PZM047	25	25	05/03/20		
11D0198-12	CP11 PZM010	25	25	05/03/20		
11D0198-13	CP12 PZM012	25	25	05/03/20		
11D0198-15	CP12 PZM052	25	25	05/03/20		
11D0198-19	CP15 PZM020	25	25	05/03/20		
11D0198-21	CP15 PZM042	25	25	05/03/20		
11D0198-24	CP02 PZM028	25	25	05/03/20		
11D0198-33	Duplicate	25	25	05/03/20		
11D0641-04	WS Anions #1 (PT-AN1-WS)	25	25	05/02/20		
11D0740-01	Influent	25	25	04/25/20		
11D0740-02	Effluent	25	25	04/25/20		

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/19/2011 15:45 1117088

Prepared by: LCR

Prepared using: WetChem - WetCem_SO4_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
11D0740-03	Final Effluent	25	25	04/25/20		
11D0850-01	B-3	25	25	04/26/20		
11D0850-03	B-11	25	25	04/26/20		
11D0850-07	BS-1	25	25	04/26/20		
11D0850-08	BS-2	25	25	04/26/20		
11D0850-09	BS-3	25	25	04/26/20		

Standard(s):

MA02203	Sulfate Stock Standard 1000ppm	500uL or ug
MF02303		25000uL or ug
		500uL or ug

Reagent ID#	Description	Lot Number

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓		✓	
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?				
LCV recoveries acceptable?	✓			
Analysis:	✓			
Bracketing CCV recoveries acceptable?				
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?				
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?				
	✓			

Analyst Date 4-20-11 4-20-11

Reviewed By 4/20/11 Date

Sulfate

EPA 375.4/SW846 9038

Checklist: Dept. 50-158
Effective Date: 9/27/2010
Page: 1 of 2

Date: April 19, 2011 Analyst:

Standard/Spike Stock Solution: Chemical #: MI02303 Expiration Date: 3-12-12

Calibration Standards: Solution #: MC12104 Expiration Date: 4-21-11

LCS Stock Solution: Chemical #: MA02203 Expiration Date: 9-18-11

Conditioning Reagent: Solution #: MC12105 Expiration Date: 4-21-11

Barium Chloride: Chemical #: MD11323

Batch 1117088

Spectrophotometer: Cecil CE 2041; SN 125-733

Printout #	Sample ID	Dilution g Sample	Dilution mL DI Water	Dilution Factor	Notes
1	Method Blank	25		1	
2	Low Check Std (5ppm)	25		1	
3	High Check Std (40ppm)	25		1	
4	LCS (20ppm)	25		1	
5	1104235-48	1	49	x50	
6	Dup	1	49	x50	
7	Matrix Spike MS	1	49	x50	
8	20	0.5	49.5	x100	
9	12	5	45	x10	
10	10	25	25	x2	
11	15	0	48	x25	
12	1104198-19			x1	
13	21			x1	
14	03	10	40	x5	
15	08	5	45	x10	
16	33			x1	
17	CCV (20 ppm)	25		1	
18	CCB	25		1	
19	1104198-24			x1	
20	Dup			x1	
21	Matrix Spike MS			x1	
22	10			x1	
23	15	5	45	x10	
24	13	10	40	x5	
25	12			x1	
26	05	0	48	x25	
27	24			x1	

Sulfate

EPA 375.4/SW846 9038

Printout #	Sample ID	Dilution g Sample	Dilution mL DI Water	Dilution Factor	Notes
28	11D0198-01	1	49	x50	
29	02	0.5	495	x100	
30	11D0198-06	2	48	x25	
31	Method Blank	25		1	
32	LCS (20ppm)	25		1	
33	11D0198-07			x1	
34	Dup			x1	
35	Matrix Spike			x1	
36	11D2740-01	1	49	x50	Color Corrected
37	02	1	49	x50	
38	03	1	49	x50	
39	11D0850-03	1	49	x50	
40	09	12	40	x5	
41	07	10	40	x5	
42	08	10	40	x5	
43	01	1	49	x50	
44	11D0641-04	10	40	x5	See excel for more details
45	CCV (20 ppm)	25		1	
46	CCB	25		1	

Tier 1 Review					Tier 2 Review			
Analyst/Date: Jon Heyer 12/1/11	Yes	No	NA	Notes	Analyst/Date: Yes	No	NA	Notes
Calibration:								
Does curve span from 1 to 40ppm at 5ppm increments?	✓							
Was curve expired (<1 month)?		✓						
Was correlation coefficient >0.995?	✓							
Was low check standard recovery 90-110%?	✓							
Was high check standard recovery 90-110%?	✓							
Analysis:								
Were all chemical/solution # documented?	✓							
Were all reagents within expiration dates?	✓							
Was method blank <0.5ppm?	✓							
Was LCS recovery within acceptance limits?	✓							
Were duplicates analyzed on 10% of the samples?	✓							
Were duplicate RPDs within acceptance limits?	✓							
Were 10% of the samples matrix spiked?	✓							
Were matrix spike recoveries within acceptance limits?	✓							
Was a CCV and CCB analyzed after ever 10 samples?	✓							
Was ABS measured on 1 sample every 30 sec for 4 min?	✓							
Was a check standard analyzed after last sample?	✓							
Were all IDS and absorbencies transcribed correctly?	✓							

INITIAL CALIBRATION WORKSHEET

Import Spec. - WC_Water

Initial Calibration Date: 3/21/2011 **Test Code:** SO4_WW

Analyst: LCR **Prep Date/Time:** 4/19/2011 8:40

Analysis Date/Time: 4/19/2011 9:06

Analyte: Sulfate **Units:** mg/L

by EPA 375.4/SW846 9038

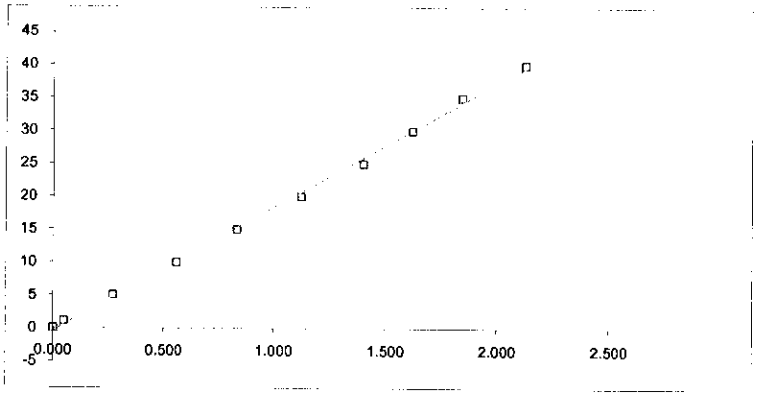
[illegible]	[illegible]	[illegible]	[illegible]
0.003	0	-0.305	
0.050	1	0.577	57.73
0.274	5	4.784	95.68
0.558	10	10.118	101.18
0.834	15	15.302	102.01
1.122	20	20.711	103.55
1.400	25	25.932	103.73
1.620	30	30.064	100.21
1.844	35	34.270	97.92
2.125	40	39.548	98.87

Omega Batch ID:_____

LINEAR EQUATION

y=a+bx

a=	0.0192635
b=	0.0532451
r=	0.9993056

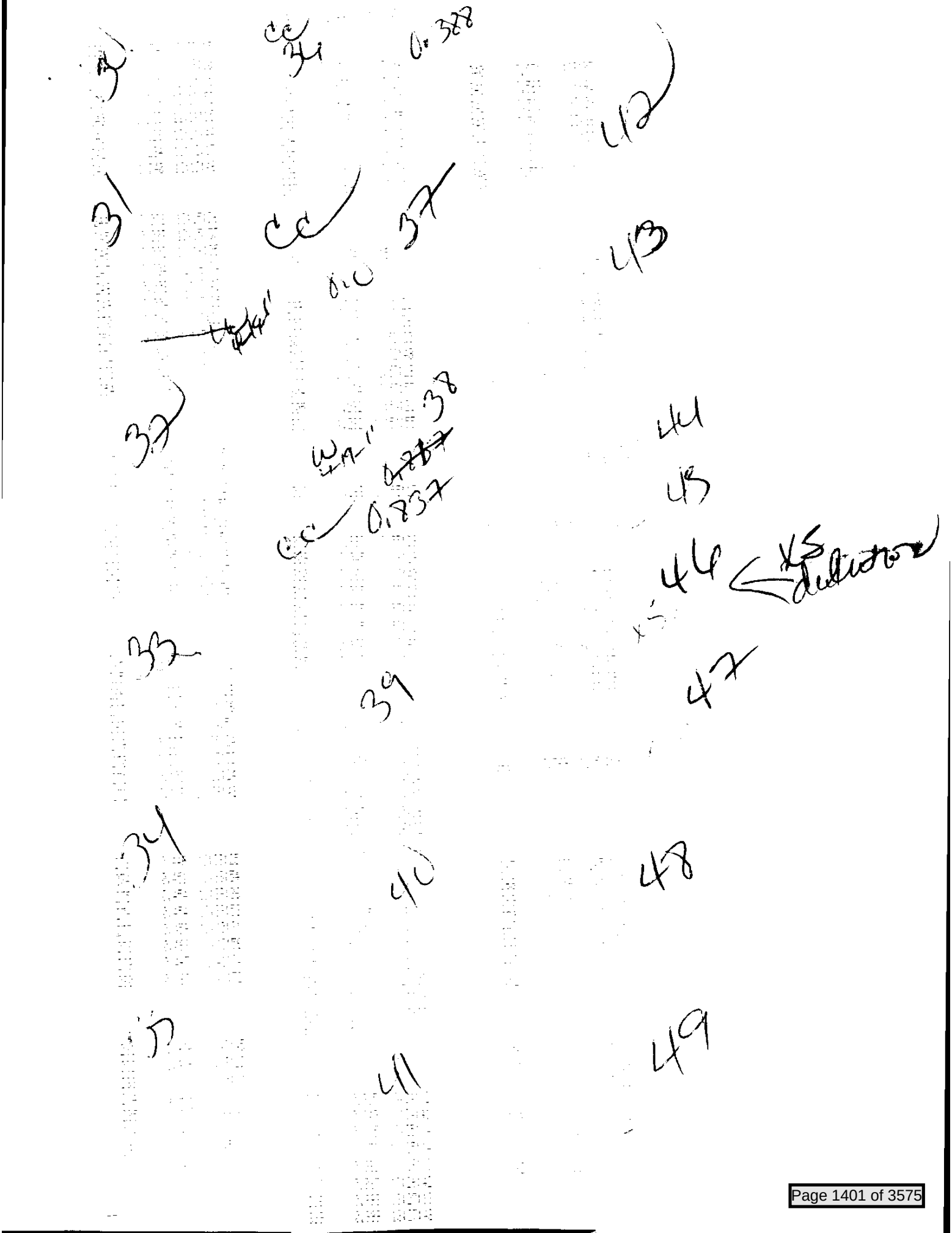


INITIAL CALIBRATION WORKSHEET

Initial Calibration Date: 3/21/2011 **Test Code:** SO4_WW
Analyst: LCR **Prep Date/Time:** 4/19/2011 8:40
Analysis Date/Time: 4/19/2011 9:06
Analyte: Sulfate **Units:** mg/l
by EPA 375.4/SW846 9038

A	B	C	E	F	G	H	I	J	K	L	M	N	O	P	Q
	Import Spec. - WC_Water														
	Printout #	SampID	SampType	Response (abs)	DF	PrepDate	AnalDate	Units	TestCode	Analyte	Spike (ppm)	RawVal	Final Conc.	Conc. (ppm)	Recovery or RPD
61	1	Method Blank	MBLK	0.001	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		-0.343	-0.343	ND	
62	2	Low Chk (5 ppm)	LCS1	0.305	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate	5	5.366	5.366	5.366	107.33%
63	3	High Chk (40 ppm)	LCS2	2.040	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate	40	37.952	37.952	37.952	94.88%
64	4	LCS (20 ppm)	LCS	1.106	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate	20	20.410	20.410	20.410	102.05%
65	5	11C1255-48	SAMP	0.666	50	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		12.146	607.320	607.320	
66	6	DUP	DUP	0.674	50	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		12.297	614.833	614.833	1.23%
67	7	MS	MS	1.754	50	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate	1000	32.580	1629.010	#######	102.17%
68	8	11C1255-20	SAMP	1.578	100	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		29.275	2927.474	#######	
69	9	11C1255-12	SAMP	1.946	10	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		36.186	361.862	361.862	
70	10	11C1255-10	SAMP	1.304	2	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		24.129	48.257	48.257	
71	11	11C1255-15	SAMP	0.783	25	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		14.344	358.595	358.595	
72	12	11D0198-19	SAMP	0.183	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		3.075	3.075	3.075	
73	13	11D0198-21	SAMP	0.096	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		1.441	1.441	1.441	
74	14	11D0198-03	SAMP	0.724	5	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		13.236	66.179	66.179	
75	15	11D0198-08	SAMP	1.674	10	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		31.078	310.777	310.777	
76	16	11D0198-33	SAMP	0.619	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		11.264	11.264	11.264	
77	17	CCV #1(20ppm)	CCV	1.168	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate	20	21.574	21.574	21.574	107.87%
78	18	CCB #1	CCB	0.000	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		-0.362	-0.362	ND	
79	19	11D0198-04	SAMP	0.607	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		11.038	11.038	11.038	
80	20	DUP	DUP	0.607	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		11.038	11.038	11.038	0.00%
81	21	MS	MS	1.668	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate	20	30.965	30.965	30.965	99.63%
82	22	11D0198-10	SAMP	0.338	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		5.986	5.986	5.986	
83	23	11D0198-15	SAMP	1.936	10	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		35.998	359.984	359.984	
84	24	11D0198-13	SAMP	1.298	5	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		24.016	120.080	120.080	
85	25	11D0198-12	SAMP	0.696	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		12.710	12.710	12.710	
86	26	11D0198-05	SAMP	0.665	25	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		12.128	303.191	303.191	
87	27	11D0198-24	SAMP	1.468	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		27.209	27.209	27.209	
88	28	11D0198-01	SAMP	1.412	50	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		26.157	1307.854	#######	
89	29	11D0198-02	SAMP	0.926	100	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		17.029	1702.948	#######	
90	30	11D0198-06	SAMP	1.240	25	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		22.927	573.168	573.168	
91	31	Method Blank	CCB	0.004	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		-0.287	-0.287	ND	
92	32	LCS (20 ppm)	CCV	1.180	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate	20	21.800	21.800	21.800	109.00%
93	33	11D0198-07	SAMP	0.439	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		7.883	7.883	7.883	
94	34	DUP	DUP	0.467	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		8.409	8.409	8.409	6.46%
95	35	MS	MS	1.444	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate	20	26.758	26.758	26.758	94.37%
96	36	11D0740-01	SAMP	0.388	50	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		6.925	346.263	346.263	
97	37	11D0740-02	SAMP	0.000	50	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		-0.362	-18.089	ND	
98	38	11D0740-03	SAMP	0.837	50	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		15.358	767.898	767.898	
99	39	11D0850-03	SAMP	0.681	50	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		12.428	621.406	621.406	
100	40	11D0850-09	SAMP	0.731	5	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		13.367	66.836	66.836	
101	41	11D0850-07	SAMP	0.999	5	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		18.400	92.002	92.002	
102	42	11D0850-08	SAMP	0.575	5	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		10.437	52.187	52.187	
103	43	11D0850-01	SAMP	0.891	50	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		16.372	818.607	818.607	
104	44	11D0641-04	SAMP	OVER	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		-0.362	-0.362	ND	
105	45	11D0641-04	SAMP	2.980	2	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		55.606	111.212	111.212	
106	46	11D0641-04	SAMP	1.508	5	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		27.960	139.800	139.800	

	Printout #	SampID	SampType	Response (abs)	DF	PrepDate	AnalDate	Units	TestCode	Analyte	Spike (ppm)	RawVal	Final Conc.	Conc. (ppm)	Recovery or RPD
107	47	11D0641-04	SAMP	0.769	10	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		14.081	140.809	140.809	
108	48	CCV #3(20ppm)	CCV	1.094	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate	20	20.185	20.185	20.185	100.92%
109	49	CCB #3	CCB	0.000	1	4/19/2011 8:40	4/19/2011 9:06	mg/L	SO4_WW	Sulfate		-0.362	-0.362	ND	


CC
0.388
0.0
0.837
XS duplicate

Batch Data/Preparation Summary:

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Batch: 1117186 **Matrix:** Water **Department:** Field

Sequence:

Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 08:45 1117186

Prepared by: TJH

Prepared using: Field - Field_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
11C1255-01	GL-02 (-5)	1	1	04/18/20		
11C1255-02	GL-02 (-29)	1	1	04/18/20		
11C1255-03	GL-03 (-3)	1	1	04/18/20		
11C1255-04	GL-03 (-16)	1	1	04/18/20		
11C1255-05	GL-05 (-7)	1	1	04/18/20		
11C1255-06	GL-05 (-25)	1	1	04/18/20		
11C1255-07	GL-09 (-2)	1	1	04/18/20		
11C1255-08	GL-09 (-20)	1	1	04/18/20		
11C1255-09	GL-11 (-33)	1	1	04/18/20		
11C1255-10	GL-15 (-6)	1	1	04/18/20		
11C1255-11	GL-15 (-36)	1	1	04/18/20		
11C1255-12	GL-16 (-6)	1	1	04/18/20		
11C1255-13	GL-16 (-32)	1	1	04/18/20		
11C1255-14	GL-17 (-1)	1	1	04/18/20		
11C1255-15	GL-17 (-31)	1	1	04/18/20		
11C1255-16	GL-18 (-3)	1	1	04/18/20		
11C1255-17	GL-18 (-33)	1	1	04/18/20		
11C1255-19	GL-20 (-5)	1	1	04/18/20		
11C1255-20	TS-01 (-7)	1	1	04/18/20		
11C1255-31	GL-12 (-17)	1	1	04/18/20		
11C1255-32	GL-12 (-3)	1	1	04/18/20		
11C1255-33	GL-10 (-1)	1	1	04/18/20		
11C1255-34	GL-10 (-31)	1	1	04/18/20		
11C1255-35	GL-14 (-33)	1	1	04/18/20		
11C1255-36	GL-14 (+1)	1	1	04/18/20		
11C1255-37	GL-13 (+1)	1	1	04/18/20		
11C1255-38	GL-13 (-26)	1	1	04/18/20		
11C1255-39	GL-11 (-1)	1	1	04/18/20		
11C1255-40	GL-08 (-36)	1	1	04/18/20		
11C1255-41	GL-08 (-3)	1	1	04/18/20		
11C1255-42	GL-12 (-17) Dissolved	1	1	04/18/20		
11C1255-43	GL-12 (-3) Dissolved	1	1	04/18/20		
11C1255-44	Duplicate	1	1	04/18/20		
11C1255-45	GL-02 (-5) Dissolved	1	1	04/18/20		

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/01/2011 00:00 1117186

Prepared by: TJH

Prepared using: Field - Field_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
11C1255-46	GL-02 (-29) Dissolved	1	1	04/18/20		
11C1255-47	GL-05 (-7) Dissolved	1	1	04/18/20		
11C1255-48	Duplicate	1	1	04/18/20		
11C1255-49	GL-05 (-25) Dissolved	1	1	04/18/20		
11C1255-50	GL-08S (-3)	1	1	04/18/20		
11C1255-51	GL-08D (-36)	1	1	04/18/20		

Standard(s):

Reagent ID# Description Lot Number

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?				
ICV recoveries acceptable?				
ICB concentrations < 1/2 MRL?				
HCV check recoveries acceptable?				
LCV recoveries acceptable?				
Analysis:				
Bracketing CCV recoveries acceptable?				
Bracketing CCB concentrations < 1/2 MRL?				
Method Blank concentrations < 1/2 MRL?				
LCS (BS) recoveries acceptable?				
Sample Duplicate RPDs acceptable?				
MS/MSD recoveries acceptable?				
MS/MSD RPDs acceptable?				

Field tests

Analyst Date

Reviewed By 4/25/11 Date

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C2203 **Matrix:** Organic Liquid **Department:** Metals **Instrument:** PE ELAN 9000

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Tuesday, March 22, 2011 08:07:33
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.172
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	18283.5	18283.503	228.007	1.2
	Rh	102.9	97452.0	97451.951	1301.639	1.3
	In	114.9	113279.2	113279.232	1955.879	1.7
	Pb	208.0	81141.1	81141.130	769.931	0.9
	U	238.1	151899.3	151899.318	2131.138	1.4
⌈>	Ba	137.9	104932.1	104932.125	1835.051	1.7
⌊	Ba++	69.0	6416.5	0.061	0.005	8.1
⌈>	Ce	139.9	132567.8	132567.753	1537.064	1.2
⌊	CeO	155.9	2914.7	0.022	0.000	1.7
	Bkgd	220.0	40.1	40.100	2.040	5.1

Current Optimization File Data

Current Value	Description
0.78	Nebulizer Gas Flow
9.00	Lens Voltage
1350.00	ICP RF Power
-1900.00	Analog Stage Voltage
900.00	Pulse Stage Voltage
27.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	15	7.8	7190.2
Co	59	15	8.5	170509.5
In	115	15	9.3	436876.7

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	12.028	2760	2018	0.844	
Mg	23.985	24.079	5677	2012	0.850	
Rh	102.905	102.928	24855	2008	0.762	
Ce	139.905	139.929	33860	2007	0.738	
Pb	207.977	208.028	50419	1998	0.734	
U	238.050	238.078	57728	2008	0.686	

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Tuesday, March 22, 2011 08:26:52
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.173
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	25084.5	25084.495	196.551	0.8
	Rh	102.9	120648.4	120648.442	1278.911	1.1
	In	114.9	140481.0	140481.047	584.765	0.4
	Pb	208.0	79370.1	79370.081	977.607	1.2
	U	238.1	145158.0	145158.015	1505.222	1.0
⎡>	Ba	137.9	124120.6	124120.581	976.128	0.8
⎣	Ba++	69.0	8539.5	0.069	0.000	0.6
⎡>	Ce	139.9	154704.9	154704.900	1162.927	0.8
⎣	CeO	155.9	3361.5	0.022	0.000	1.8
	Bkgd	220.0	28.7	28.700	3.876	13.5

Current Optimization File Data

Current Value	Description
0.78	Nebulizer Gas Flow
6.50	Lens Voltage
1350.00	ICP RF Power
-1900.00	Analog Stage Voltage
900.00	Pulse Stage Voltage
27.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.3	3656.4
Co	59	17	5.8	60209.4
In	115	17	6.5	142836.7

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	12.026	2765	2018	0.832	
Mg	23.985	23.879	5651	2012	0.844	
Rh	102.905	102.978	24872	2008	0.751	
Ce	139.905	139.829	33841	2007	0.735	
Pb	207.977	207.929	50407	1998	0.732	
U	238.050	238.077	57734	2008	0.689	

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	11.974	2759	2018	0.842	
Mg	23.985	24.029	5661	2011	0.848	
Rh	102.905	102.829	24853	2009	0.757	
Ce	139.905	139.978	33858	2006	0.738	
Pb	207.977	208.029	50419	1997	0.732	
U	238.050	238.026	57728	2008	0.677	

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	11.977	2753	2018	0.836	
Mg	23.985	23.929	5647	2012	0.853	
Rh	102.905	102.928	24858	2008	0.748	
Ce	139.905	139.879	33851	2007	0.733	
Pb	207.977	207.979	50419	1998	0.729	
U	238.050	238.077	57734	2008	0.682	

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 08:42:55
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\Blank.001
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	62565.55		
	Be	9		mg/L	20.33		
	B	11		mg/L	1083.08		
	Na	23		mg/L	11726.68		
	Mg	24		mg/L	452.35		
	Al	27		mg/L	4405.78		
	Si	28		mg/L	115054.43		
	K	39		mg/L	1514391.18		
	Ca	44		mg/L	219564.61		
>	Sc	45		mg/L	232651.95		
	Ti	47		mg/L	2375.67		
	V	51		mg/L	-12960.80		
	Cr	52		mg/L	8499.06		
	Mn	55		mg/L	1187.09		
	Fe	57		mg/L	11602.52		
	Ni	58		mg/L	2680.76		
	Co	59		mg/L	117.00		
	Ni	60		mg/L	403.35		
	Ni	62		mg/L	137.67		
	Cu	63		mg/L	629.03		
	Cu	65		mg/L	421.01		
	Zn	66		mg/L	658.03		
	Zn	68		mg/L	979.06		
	Ga	69		mg/L	3515.38		
>	Ge	72		mg/L	115376.00		
	As	75		mg/L	8.77		
	Se	77		mg/L	3978.91		
	Se	82		mg/L	-102.82		
	Sr	88		mg/L	216.34		
>	Y	89		mg/L	449549.10		
	Mo	95		mg/L	57.00		
	Mo	98		mg/L	65.33		
>	Rh	103		mg/L	389602.82		
	Ag	107		mg/L	70.67		
	Ag	109		mg/L	58.67		
	Cd	111		mg/L	32.67		
	Cd	114		mg/L	67.26		
>	In	115		mg/L	449367.98		
	Sn	118		mg/L	259.67		
	Sn	120		mg/L	368.33		
	Sb	121		mg/L	90.67		
	Sb	123		mg/L	83.52		
	Ba	135		mg/L	54.33		

	Ba	137	mg/L	72.14
>	Tb	159	mg/L	613970.27
>	Ho	165	mg/L	603878.52
	Hg	202	mg/L	46.33
	Tl	203	mg/L	574.36
	Tl	205	mg/L	1372.12
	Pb	208	mg/L	369.67
	Bi	209	mg/L	101.67
	Th	232	mg/L	772.04
	U	238	mg/L	52.33

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 08:48:00
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\Standard 1.002
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	62758.10	62758.102	6.476
	Be	9		mg/L	84.00	0.001	16.398
	B	11		mg/L	1144.08	0.001	84.139
	Na	23		mg/L	85619.70	0.320	1.660
	Mg	24		mg/L	2105.26	0.007	8.140
	Al	27		mg/L	5353.63	0.004	43.548
	Si	28		mg/L	117003.65	0.013	265.080
	K	39		mg/L	1607008.13	0.454	69.916
	Ca	44		mg/L	219381.79	0.007	639.942
>	Sc	45		mg/L	231085.27	231085.266	4.092
	Ti	47		mg/L	2429.68	0.000	147.992
	V	51		mg/L	-12315.53	0.002	433.744
	Cr	52		mg/L	9346.23	0.004	69.233
	Mn	55		mg/L	2678.76	0.006	5.048
	Fe	57		mg/L	11888.89	0.002	85.684
	Ni	58		mg/L	3182.59	0.005	21.524
	Co	59		mg/L	1277.44	0.010	4.618
	Ni	60		mg/L	594.36	0.002	10.098
	Ni	62		mg/L	166.00	0.000	52.781
	Cu	63		mg/L	1217.43	0.005	11.885
	Cu	65		mg/L	729.37	0.003	5.418
	Zn	66		mg/L	2738.11	0.018	5.953
	Zn	68		mg/L	2486.03	0.013	4.020
	Ga	69		mg/L	4599.54	0.010	24.779
>	Ge	72		mg/L	113631.98	113631.980	1.388
	As	75		mg/L	359.48	0.003	95.003
	Se	77		mg/L	3878.87	-0.000	515.651
	Se	82		mg/L	-88.24	0.000	300.834
	Sr	88		mg/L	2489.37	0.005	2.455
>	Y	89		mg/L	430746.44	430746.437	1.391
	Mo	95		mg/L	344.01	0.001	5.861
	Mo	98		mg/L	572.53	0.001	9.814
>	Rh	103		mg/L	398719.19	398719.190	3.626
	Ag	107		mg/L	853.38	0.002	3.284
	Ag	109		mg/L	850.38	0.002	1.621
	Cd	111		mg/L	275.34	0.001	5.374
	Cd	114		mg/L	614.37	0.001	14.725
>	In	115		mg/L	446058.70	446058.696	0.583
	Sn	118		mg/L	905.05	0.001	3.445
	Sn	120		mg/L	1213.39	0.002	10.396
	Sb	121		mg/L	1050.40	0.002	4.031
	Sb	123		mg/L	791.73	0.002	1.549
	Ba	135		mg/L	280.34	0.000	6.252

	Ba	137	mg/L	453.18	0.001	11.157
>	Tb	159	mg/L	596727.38	596727.385	4.279
>	Ho	165	mg/L	579103.47	579103.474	6.712
	Hg	202	mg/L	45.33	0.000	315.313
	Tl	203	mg/L	1126.08	0.001	17.555
	Tl	205	mg/L	2695.43	0.002	20.756
	Pb	208	mg/L	3380.95	0.005	5.432
	Bi	209	mg/L	2296.98	0.004	3.612
	Th	232	mg/L	2388.67	0.003	11.499
	U	238	mg/L	2652.75	0.005	14.873

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 08:53:06
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\Standard 2.003
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	62022.56	62022.563	2.541
	Be	9	0.001000	mg/L	138.67	0.002	7.743
	B	11	0.001000	mg/L	1156.75	0.001	61.144
	Na	23	0.100000	mg/L	135427.35	0.515	1.046
	Mg	24	0.001000	mg/L	1876.21	0.006	2.371
	Al	27	0.001000	mg/L	4861.68	0.001	87.000
	Si	28	0.001000	mg/L	114192.42	-0.016	215.863
	K	39	0.100000	mg/L	1676396.27	0.513	91.666
	Ca	44	0.100000	mg/L	213791.33	-0.049	97.091
>	Sc	45		mg/L	239316.08	239316.083	5.603
	Ti	47	0.001000	mg/L	2495.37	0.000	241.396
	V	51	0.001000	mg/L	-10463.57	0.012	88.735
	Cr	52	0.001000	mg/L	9902.49	0.005	76.729
	Mn	55	0.001000	mg/L	3707.46	0.010	9.250
	Fe	57	0.001000	mg/L	12021.06	0.000	619.491
	Ni	58	0.001000	mg/L	3755.49	0.010	57.393
	Co	59	0.001000	mg/L	2316.65	0.019	9.672
	Ni	60	0.001000	mg/L	757.71	0.003	9.646
	Ni	62	0.001000	mg/L	193.00	0.001	36.784
	Cu	63	0.001000	mg/L	1646.83	0.009	11.280
	Cu	65	0.001000	mg/L	887.72	0.004	12.539
	Zn	66	0.001000	mg/L	1501.81	0.008	17.882
	Zn	68	0.001000	mg/L	1457.13	0.004	13.092
	Ga	69	0.001000	mg/L	5412.33	0.017	11.150
>	Ge	72		mg/L	113672.56	113672.563	5.684
	As	75	0.001000	mg/L	657.29	0.006	38.873
	Se	77	0.001000	mg/L	3922.22	0.000	2447.844
	Se	82	0.001000	mg/L	-74.94	0.000	128.165
	Sr	88	0.001000	mg/L	3961.57	0.009	3.917
>	Y	89		mg/L	423205.68	423205.677	2.537
	Mo	95	0.001000	mg/L	700.37	0.002	0.589
	Mo	98	0.001000	mg/L	1094.88	0.002	8.528
>	Rh	103		mg/L	402125.39	402125.389	2.836
	Ag	107	0.001000	mg/L	1694.51	0.004	7.632
	Ag	109	0.001000	mg/L	1603.16	0.004	10.351
	Cd	111	0.001000	mg/L	468.35	0.001	5.979
	Cd	114	0.001000	mg/L	1097.73	0.003	2.822
>	In	115		mg/L	455563.11	455563.111	5.775
	Sn	118	0.001000	mg/L	1383.12	0.002	3.316
	Sn	120	0.001000	mg/L	1918.92	0.003	11.726
	Sb	121	0.001000	mg/L	1962.90	0.004	9.628
	Sb	123	0.001000	mg/L	1496.12	0.003	6.292
	Ba	135	0.001000	mg/L	457.02	0.001	17.097

	Ba	137	0.001000	mg/L	790.90	0.001	17.041
>	Tb	159		mg/L	598246.73	598246.730	3.157
>	Ho	165		mg/L	593889.70	593889.702	2.884
	Hg	202	0.000020	mg/L	44.33	-0.000	417.404
	Tl	203	0.001000	mg/L	1706.84	0.002	2.084
	Tl	205	0.001000	mg/L	3983.58	0.004	7.327
	Pb	208	0.001000	mg/L	5515.39	0.009	3.589
	Bi	209	0.001000	mg/L	4480.15	0.007	3.253
	Th	232	0.001000	mg/L	4498.16	0.006	2.835
	U	238	0.001000	mg/L	4871.35	0.008	5.421

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 08:58:13
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\Standard 3.004
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	62872.31	62872.311	1.244
	Be	9	0.005002	mg/L	624.03	0.010	4.840
	B	11	0.005013	mg/L	1572.49	0.008	23.536
	Na	23	0.500649	mg/L	603885.34	2.551	3.384
	Mg	24	0.005053	mg/L	5150.18	0.020	7.041
	Al	27	0.005067	mg/L	9535.77	0.022	14.601
	Si	28	0.007128	mg/L	115772.14	0.004	513.599
	K	39	0.502566	mg/L	2546612.09	4.456	4.627
	Ca	44	0.520521	mg/L	233836.94	0.064	54.676
>	Sc	45		mg/L	232313.31	232313.310	3.606
	Ti	47	0.005039	mg/L	3027.53	0.003	30.148
	V	51	0.004951	mg/L	-4026.77	0.038	15.293
	Cr	52	0.005021	mg/L	16903.88	0.036	12.583
	Mn	55	0.005007	mg/L	13389.34	0.053	2.614
	Fe	57	0.005261	mg/L	12132.88	0.002	63.588
	Ni	58	0.004998	mg/L	8121.71	0.049	7.425
	Co	59	0.005000	mg/L	10740.81	0.094	9.406
	Ni	60	0.005009	mg/L	2669.09	0.020	2.139
	Ni	62	0.005006	mg/L	469.68	0.003	10.945
	Cu	63	0.005007	mg/L	6134.13	0.049	5.682
	Cu	65	0.005012	mg/L	3092.22	0.024	8.753
	Zn	66	0.005385	mg/L	3082.22	0.022	10.586
	Zn	68	0.005430	mg/L	2689.43	0.015	13.106
	Ga	69	0.005005	mg/L	13446.74	0.089	7.090
>	Ge	72		mg/L	112954.19	112954.190	3.831
	As	75	0.004989	mg/L	2278.34	0.020	14.442
	Se	77	0.004991	mg/L	4199.68	0.003	51.627
	Se	82	0.005004	mg/L	36.77	0.000	20.711
	Sr	88	0.005005	mg/L	18902.83	0.044	3.940
>	Y	89		mg/L	427362.13	427362.132	1.876
	Mo	95	0.004994	mg/L	3089.89	0.007	2.467
	Mo	98	0.004998	mg/L	5113.15	0.012	0.458
>	Rh	103		mg/L	395786.63	395786.635	4.731
	Ag	107	0.005000	mg/L	8228.81	0.021	3.127
	Ag	109	0.005002	mg/L	7876.49	0.020	6.306
	Cd	111	0.005002	mg/L	2090.93	0.005	10.330
	Cd	114	0.004999	mg/L	4738.59	0.012	9.405
>	In	115		mg/L	448678.59	448678.586	3.520
	Sn	118	0.005007	mg/L	6096.11	0.013	1.354
	Sn	120	0.005004	mg/L	8346.86	0.018	2.565
	Sb	121	0.005001	mg/L	9331.55	0.021	6.349
	Sb	123	0.005001	mg/L	7039.99	0.016	9.209
	Ba	135	0.005003	mg/L	2021.58	0.003	7.380

	Ba	137	0.005000	mg/L	3398.48	0.006	12.047
>	Tb	159		mg/L	591584.82	591584.816	5.389
>	Ho	165		mg/L	578628.76	578628.764	3.603
	Hg	202	0.000505	mg/L	46.00	0.000	635.890
	Tl	203	0.005008	mg/L	7644.63	0.012	10.109
	Tl	205	0.005010	mg/L	18204.74	0.029	7.413
	Pb	208	0.005005	mg/L	25035.16	0.043	1.624
	Bi	209	0.005001	mg/L	21446.49	0.037	5.078
	Th	232	0.005003	mg/L	22357.41	0.037	9.453
	U	238	0.005004	mg/L	24136.30	0.042	8.556

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 09:03:20
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\Standard 4.005
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	61357.44	61357.444	3.144
	Be	9	0.010045	mg/L	1230.76	0.020	3.347
	B	11	0.010129	mg/L	2088.26	0.017	8.538
	Na	23	1.001464	mg/L	1213135.03	5.099	3.431
	Mg	24	0.010169	mg/L	9824.41	0.040	2.218
	Al	27	0.010140	mg/L	15851.97	0.048	7.837
	Si	28	0.011389	mg/L	133606.20	0.074	102.960
	K	39	0.987674	mg/L	3504984.70	8.389	8.401
	Ca	44	1.009085	mg/L	260703.91	0.164	20.073
>	Sc	45		mg/L	235486.20	235486.196	3.126
	Ti	47	0.010073	mg/L	3839.18	0.006	4.673
	V	51	0.010107	mg/L	5916.08	0.081	15.191
	Cr	52	0.009942	mg/L	25217.58	0.071	12.015
	Mn	55	0.010043	mg/L	26406.90	0.107	1.222
	Fe	57	0.009687	mg/L	12517.07	0.003	7.796
	Ni	58	0.009987	mg/L	13401.35	0.097	11.105
	Co	59	0.009975	mg/L	20798.64	0.185	3.839
	Ni	60	0.009964	mg/L	4864.35	0.040	0.827
	Ni	62	0.010022	mg/L	813.04	0.006	5.714
	Cu	63	0.010123	mg/L	12481.69	0.106	5.848
	Cu	65	0.010144	mg/L	6256.22	0.052	11.052
	Zn	66	0.010760	mg/L	5877.29	0.047	10.951
	Zn	68	0.010699	mg/L	4550.85	0.032	7.533
	Ga	69	0.009973	mg/L	22901.09	0.174	1.634
>	Ge	72		mg/L	112142.17	112142.173	5.344
	As	75	0.010169	mg/L	4876.28	0.043	7.050
	Se	77	0.009655	mg/L	4401.11	0.005	69.140
	Se	82	0.010240	mg/L	224.14	0.001	23.393
	Sr	88	0.009923	mg/L	35874.83	0.083	1.331
>	Y	89		mg/L	430786.83	430786.829	5.092
	Mo	95	0.010032	mg/L	6281.23	0.014	5.886
	Mo	98	0.010002	mg/L	10209.54	0.024	9.261
>	Rh	103		mg/L	387211.51	387211.515	2.292
	Ag	107	0.010010	mg/L	16176.56	0.042	5.890
	Ag	109	0.009982	mg/L	15212.55	0.039	5.704
	Cd	111	0.010045	mg/L	4156.66	0.011	2.427
	Cd	114	0.010098	mg/L	9754.87	0.025	5.464
>	In	115		mg/L	455447.81	455447.805	5.480
	Sn	118	0.010023	mg/L	12239.02	0.026	5.708
	Sn	120	0.009996	mg/L	16454.76	0.035	10.941
	Sb	121	0.009938	mg/L	18073.82	0.040	10.526
	Sb	123	0.009980	mg/L	14015.21	0.031	5.627
	Ba	135	0.009961	mg/L	3884.87	0.006	3.432

	Ba	137	0.010012	mg/L	6755.02	0.011	2.536
>	Tb	159		mg/L	591896.91	591896.908	1.570
>	Ho	165		mg/L	595164.76	595164.759	4.930
	Hg	202	0.003119	mg/L	44.67	-0.000	541.154
	Tl	203	0.009931	mg/L	14780.16	0.024	2.241
	Tl	205	0.009927	mg/L	35007.52	0.057	12.662
	Pb	208	0.010005	mg/L	50765.41	0.085	5.126
	Bi	209	0.009968	mg/L	43174.62	0.072	1.030
	Th	232	0.010015	mg/L	46409.97	0.077	4.421
	U	238	0.009908	mg/L	46742.05	0.079	7.916

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 09:08:28
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\Standard 5.006
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	60294.58	60294.580	5.209
	Be	9	0.099986	mg/L	11631.90	0.193	1.481
	B	11	0.100070	mg/L	12380.88	0.188	6.686
	Na	23	10.006052	mg/L	13339110.91	55.998	2.695
	Mg	24	0.100007	mg/L	86910.29	0.364	0.608
	Al	27	0.100001	mg/L	120329.48	0.488	5.635
	Si	28	0.098595	mg/L	173338.84	0.236	23.894
	K	39	9.994406	mg/L	20241041.19	78.737	7.376
	Ca	44	10.008632	mg/L	759339.78	2.252	5.588
>	Sc	45		mg/L	237852.29	237852.293	3.814
	Ti	47	0.100011	mg/L	17555.79	0.064	0.951
	V	51	0.100019	mg/L	181287.18	0.819	5.227
	Cr	52	0.099992	mg/L	176535.32	0.707	9.004
	Mn	55	0.100002	mg/L	254890.80	1.068	3.607
	Fe	57	0.099969	mg/L	17580.17	0.024	4.071
	Ni	58	0.100029	mg/L	115799.88	1.013	10.215
	Co	59	0.100015	mg/L	210935.89	1.883	5.818
	Ni	60	0.100007	mg/L	46274.73	0.409	3.512
	Ni	62	0.100005	mg/L	7055.82	0.062	3.920
	Cu	63	0.099980	mg/L	115862.16	1.029	3.944
	Cu	65	0.099978	mg/L	56978.45	0.506	8.511
	Zn	66	0.100008	mg/L	41394.88	0.364	8.561
	Zn	68	0.100028	mg/L	29956.91	0.259	3.669
	Ga	69	0.100004	mg/L	199250.92	1.746	1.876
>	Ge	72		mg/L	112114.76	112114.764	4.422
	As	75	0.100015	mg/L	48119.20	0.430	5.266
	Se	77	0.098973	mg/L	6227.86	0.021	10.946
	Se	82	0.100022	mg/L	3200.15	0.008	9.644
	Sr	88	0.100028	mg/L	360053.93	0.861	3.446
>	Y	89		mg/L	418084.98	418084.978	5.371
	Mo	95	0.100019	mg/L	62238.35	0.149	3.461
	Mo	98	0.100020	mg/L	101567.00	0.244	8.801
>	Rh	103		mg/L	393282.84	393282.841	1.261
	Ag	107	0.099996	mg/L	163116.45	0.415	4.525
	Ag	109	0.099997	mg/L	153469.62	0.390	6.390
	Cd	111	0.099986	mg/L	40734.81	0.104	2.338
	Cd	114	0.099993	mg/L	96511.76	0.245	4.620
>	In	115		mg/L	446639.14	446639.140	6.509
	Sn	118	0.099993	mg/L	116274.74	0.260	5.727
	Sn	120	0.100014	mg/L	161626.32	0.363	11.016
	Sb	121	0.099925	mg/L	157247.49	0.354	13.222
	Sb	123	0.099923	mg/L	121610.91	0.273	8.430
	Ba	135	0.100015	mg/L	38466.68	0.066	10.469

	Ba	137	0.100001	mg/L	65446.40	0.112	3.596
>	Tb	159		mg/L	582261.49	582261.486	1.775
>	Ho	165		mg/L	588166.03	588166.032	4.047
	Hg	202	0.010080	mg/L	71.00	0.000	55.102
	Tl	203	0.100014	mg/L	146616.92	0.248	3.481
	Tl	205	0.100015	mg/L	348707.25	0.592	8.594
	Pb	208	0.099999	mg/L	494295.77	0.841	3.841
	Bi	209	0.100002	mg/L	426577.84	0.725	5.423
	Th	232	0.100017	mg/L	471605.72	0.801	2.803
	U	238	0.100008	mg/L	467686.40	0.797	7.042

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 09:13:34
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-ICV1.007
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	61535.19	61535.190	1.135
	Be	9	0.038959	mg/L	4644.57	0.075	3.688
	B	11	0.039091	mg/L	5555.42	0.073	6.183
	Na	23	0.405452	mg/L	509220.13	2.090	1.037
	Mg	24	0.391888	mg/L	336748.54	1.414	5.204
	Al	27	0.194239	mg/L	229920.92	0.948	5.959
	Si	28	0.024857	mg/L	133244.36	0.066	14.420
	K	39	0.446864	mg/L	2431320.35	3.712	3.405
	Ca	44	0.441172	mg/L	237188.57	0.054	18.369
>	Sc	45		mg/L	237862.27	237862.271	1.770
	Ti	47	0.039686	mg/L	8392.96	0.025	5.521
	V	51	0.042485	mg/L	69410.39	0.348	3.511
	Cr	52	0.040098	mg/L	76103.00	0.284	3.192
	Mn	55	0.040410	mg/L	103877.74	0.431	5.089
	Fe	57	0.179706	mg/L	21960.38	0.042	1.449
	Ni	58	0.038301	mg/L	47975.90	0.387	8.489
	Co	59	0.037907	mg/L	83626.04	0.714	8.572
	Ni	60	0.038778	mg/L	18953.60	0.158	5.787
	Ni	62	0.041283	mg/L	3119.90	0.025	2.304
	Cu	63	0.038846	mg/L	47542.46	0.400	2.929
	Cu	65	0.037994	mg/L	22946.49	0.192	2.083
	Zn	66	0.034819	mg/L	16002.24	0.131	7.518
	Zn	68	0.033653	mg/L	11476.71	0.090	10.903
	Ga	69	0.039152	mg/L	83656.69	0.684	5.022
>	Ge	72		mg/L	117254.08	117254.083	3.467
	As	75	0.040410	mg/L	20405.57	0.174	2.205
	Se	77	0.020163	mg/L	4634.23	0.005	24.672
	Se	82	0.037843	mg/L	1183.14	0.003	12.509
	Sr	88	0.040019	mg/L	149125.19	0.344	5.582
>	Y	89		mg/L	432954.56	432954.560	3.240
	Mo	95	0.040647	mg/L	26225.48	0.060	3.441
	Mo	98	0.040250	mg/L	42418.52	0.098	0.880
>	Rh	103		mg/L	383415.50	383415.495	3.438
	Ag	107	0.021902	mg/L	34872.80	0.091	1.224
	Ag	109	0.022471	mg/L	33668.59	0.088	5.825
	Cd	111	0.042128	mg/L	16753.27	0.044	7.158
	Cd	114	0.041683	mg/L	39215.94	0.102	5.843
>	In	115		mg/L	444715.49	444715.486	3.200
	Sn	118	0.040146	mg/L	46794.19	0.105	2.697
	Sn	120	0.040512	mg/L	65606.28	0.147	1.754
	Sb	121	0.047539	mg/L	75324.07	0.169	6.262
	Sb	123	0.046959	mg/L	57360.12	0.129	8.862
	Ba	135	0.038322	mg/L	15115.71	0.025	6.871

	Ba	137	0.039188	mg/L	26264.05	0.044	10.599
>	Tb	159		mg/L	596328.19	596328.191	4.418
>	Ho	165		mg/L	583607.79	583607.785	3.810
	Hg	202	0.003521	mg/L	53.33	0.000	10.755
	Tl	203	0.040070	mg/L	58332.02	0.099	10.800
	Tl	205	0.040787	mg/L	141523.34	0.241	7.455
	Pb	208	0.040665	mg/L	200131.81	0.342	0.716
	Bi	209	0.040167	mg/L	169911.30	0.291	4.665
	Th	232	0.041156	mg/L	191955.92	0.328	7.790
	U	238	0.040331	mg/L	187356.82	0.321	6.789

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 09:24:58
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-ICV2.008
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	66507.44	66507.438	4.889
	Be	9	0.038815	mg/L	4999.43	0.075	3.083
	B	11	0.039077	mg/L	5987.37	0.073	9.834
	Na	23	0.403056	mg/L	518975.23	2.077	2.338
	Mg	24	0.398800	mg/L	351423.83	1.439	0.741
	Al	27	0.210675	mg/L	255081.49	1.029	5.303
	Si	28	0.038606	mg/L	144087.27	0.097	43.534
	K	39	0.472466	mg/L	2538234.21	3.913	14.593
	Ca	44	0.158012	mg/L	227108.40	-0.012	286.534
>	Sc	45		mg/L	243843.79	243843.795	3.813
	Ti	47	0.039114	mg/L	8512.40	0.025	3.262
	V	51	0.045509	mg/L	77069.95	0.372	6.719
	Cr	52	0.042621	mg/L	82225.46	0.301	9.032
	Mn	55	0.040464	mg/L	106490.17	0.432	3.683
	Fe	57	0.191646	mg/L	23187.46	0.045	0.609
	Ni	58	0.039537	mg/L	50694.59	0.399	9.982
	Co	59	0.039611	mg/L	89771.61	0.746	5.196
	Ni	60	0.041355	mg/L	20762.95	0.169	2.655
	Ni	62	0.041765	mg/L	3237.61	0.026	3.286
	Cu	63	0.039851	mg/L	49977.91	0.410	3.954
	Cu	65	0.038341	mg/L	23711.51	0.194	10.039
	Zn	66	0.035176	mg/L	16563.93	0.132	9.631
	Zn	68	0.035697	mg/L	12423.61	0.095	5.178
	Ga	69	0.040021	mg/L	87795.68	0.699	2.126
>	Ge	72		mg/L	120427.62	120427.618	5.680
	As	75	0.040118	mg/L	20760.87	0.173	5.729
	Se	77	0.000878	mg/L	4270.72	0.001	401.530
	Se	82	0.038414	mg/L	1274.53	0.003	12.359
	Sr	88	0.040045	mg/L	158400.33	0.345	1.677
>	Y	89		mg/L	458930.43	458930.432	2.780
	Mo	95	0.038721	mg/L	26452.70	0.058	2.032
	Mo	98	0.037732	mg/L	42117.28	0.092	5.719
>	Rh	103		mg/L	405806.93	405806.932	1.886
	Ag	107	0.021660	mg/L	36484.58	0.090	6.962
	Ag	109	0.022216	mg/L	35250.70	0.087	7.178
	Cd	111	0.041351	mg/L	17423.87	0.043	5.112
	Cd	114	0.039243	mg/L	39136.72	0.096	4.677
>	In	115		mg/L	463932.73	463932.733	6.264
	Sn	118	0.040376	mg/L	48956.63	0.105	5.541
	Sn	120	0.041449	mg/L	69783.31	0.150	9.044
	Sb	121	0.043119	mg/L	71154.55	0.154	11.475
	Sb	123	0.042330	mg/L	53987.28	0.116	5.778
	Ba	135	0.037799	mg/L	15610.89	0.025	4.518

	Ba	137	0.039810	mg/L	27975.25	0.045	1.205
>	Tb	159		mg/L	623434.39	623434.386	1.650
>	Ho	165		mg/L	601649.29	601649.293	4.896
	Hg	202	0.000168	mg/L	45.67	-0.000	1338.891
	Tl	203	0.041671	mg/L	62623.02	0.103	4.449
	Tl	205	0.042204	mg/L	150897.31	0.249	6.891
	Pb	208	0.040772	mg/L	206502.99	0.343	5.080
	Bi	209	0.039587	mg/L	172873.98	0.287	2.132
	Th	232	0.041204	mg/L	198301.59	0.329	4.086
	U	238	0.041597	mg/L	198994.10	0.332	8.522

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 09:33:06
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-ICB1.009
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	65340.50	65340.500	3.657
	Be	9	-0.000110	mg/L	15.00	-0.000	71.235
	B	11	-0.001500	mg/L	873.05	-0.004	19.708
	Na	23	0.034461	mg/L	13922.13	0.007	35.328
	Mg	24	-0.000943	mg/L	479.35	0.000	513.363
	Al	27	-0.000186	mg/L	4107.30	-0.002	61.301
	Si	28	-0.023289	mg/L	108858.81	-0.045	52.285
	K	39	-0.012961	mg/L	1601006.26	0.098	347.479
	Ca	44	-0.306564	mg/L	200013.77	-0.118	29.941
>	Sc	45		mg/L	242550.02	242550.017	3.502
	Ti	47	-0.001123	mg/L	2237.63	-0.001	26.495
	V	51	0.002637	mg/L	-8337.01	0.021	20.295
	Cr	52	-0.000699	mg/L	7610.26	-0.005	24.091
	Mn	55	-0.000176	mg/L	804.38	-0.002	6.678
	Fe	57	-0.004257	mg/L	12085.48	0.000	62995.590
	Ni	58	-0.000280	mg/L	2286.64	-0.005	23.744
	Co	59	0.000022	mg/L	114.67	-0.000	112.389
	Ni	60	-0.000384	mg/L	152.34	-0.002	4.651
	Ni	62	-0.000460	mg/L	99.33	-0.000	18.950
	Cu	63	-0.000178	mg/L	418.35	-0.002	5.779
	Cu	65	-0.000129	mg/L	350.34	-0.001	18.910
	Zn	66	-0.001762	mg/L	672.70	-0.000	170.551
	Zn	68	-0.002130	mg/L	810.38	-0.002	45.322
	Ga	69	-0.000434	mg/L	2855.81	-0.007	46.452
>	Ge	72		mg/L	122534.40	122534.397	3.242
	As	75	0.000045	mg/L	76.41	0.001	121.302
	Se	77	-0.036780	mg/L	3419.35	-0.007	37.986
	Se	82	0.000379	mg/L	-109.28	-0.000	299.395
	Sr	88	0.000037	mg/L	238.01	0.000	19.535
>	Y	89		mg/L	456880.97	456880.965	2.436
	Mo	95	0.000343	mg/L	202.00	0.000	28.558
	Mo	98	0.000311	mg/L	287.12	0.000	13.212
>	Rh	103		mg/L	425644.39	425644.390	6.513
	Ag	107	0.000027	mg/L	102.00	0.000	92.937
	Ag	109	-0.000015	mg/L	80.00	0.000	110.148
	Cd	111	-0.000122	mg/L	33.67	-0.000	265.066
	Cd	114	-0.000031	mg/L	73.55	0.000	2290.726
>	In	115		mg/L	476210.86	476210.861	1.973
	Sn	118	-0.000059	mg/L	236.67	-0.000	45.767
	Sn	120	0.000061	mg/L	339.30	-0.000	3.804
	Sb	121	0.000799	mg/L	2406.01	0.005	13.746
	Sb	123	0.000872	mg/L	1910.20	0.004	12.179
	Ba	135	0.000014	mg/L	58.00	0.000	136.472

	Ba	137	-0.000044	mg/L	85.18	0.000	66.061
>	Tb	159		mg/L	617298.36	617298.356	5.420
>	Ho	165		mg/L	598058.55	598058.551	4.151
	Hg	202	0.001096	mg/L	48.00	0.000	150.495
	Tl	203	-0.000116	mg/L	107.34	-0.001	1.031
	Tl	205	-0.000117	mg/L	210.67	-0.002	1.573
	Pb	208	-0.000085	mg/L	357.67	-0.000	159.844
	Bi	209	0.000017	mg/L	310.01	0.000	31.499
	Th	232	0.000614	mg/L	2370.00	0.003	3.645
	U	238	-0.000053	mg/L	59.00	0.000	92.880

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 09:38:10
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-LCV1.010
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	63666.64	63666.641	3.481
	Be	9	0.001036	mg/L	155.00	0.002	6.718
	B	11	0.000180	mg/L	1053.40	-0.001	136.832
	Na	23	0.127359	mg/L	144010.06	0.529	2.611
	Mg	24	0.000787	mg/L	2040.25	0.006	6.756
	Al	27	0.000325	mg/L	4838.01	0.001	263.908
	Si	28	-0.025974	mg/L	110033.07	-0.051	64.159
	K	39	0.046042	mg/L	1757037.68	0.562	62.225
	Ca	44	-0.318860	mg/L	204415.05	-0.121	31.337
>	Sc	45		mg/L	248842.96	248842.957	4.658
	Ti	47	0.000157	mg/L	2495.03	-0.000	426.863
	V	51	0.002295	mg/L	-9230.97	0.019	18.209
	Cr	52	0.000437	mg/L	9783.70	0.003	121.248
	Mn	55	0.000873	mg/L	3610.42	0.009	1.922
	Fe	57	-0.007329	mg/L	12224.67	-0.001	210.244
	Ni	58	0.000788	mg/L	3475.03	0.006	9.887
	Co	59	0.001026	mg/L	2339.99	0.019	5.215
	Ni	60	0.000648	mg/L	645.36	0.002	9.843
	Ni	62	0.000699	mg/L	180.00	0.000	44.677
	Cu	63	0.000880	mg/L	1685.51	0.009	1.585
	Cu	65	0.000854	mg/L	923.06	0.004	1.669
	Zn	66	0.000322	mg/L	1528.48	0.007	8.319
	Zn	68	0.000096	mg/L	1451.80	0.004	13.211
	Ga	69	0.000846	mg/L	5382.65	0.015	16.969
>	Ge	72		mg/L	117804.60	117804.599	1.059
	As	75	0.000857	mg/L	484.37	0.004	68.607
	Se	77	-0.013302	mg/L	3854.19	-0.002	53.176
	Se	82	0.001650	mg/L	-61.48	0.000	8.233
	Sr	88	0.001052	mg/L	4112.97	0.009	3.734
>	Y	89		mg/L	444040.53	444040.532	1.697
	Mo	95	0.001226	mg/L	779.71	0.002	10.241
	Mo	98	0.001196	mg/L	1236.58	0.003	8.194
>	Rh	103		mg/L	411105.47	411105.471	3.277
	Ag	107	0.001017	mg/L	1785.53	0.004	8.289
	Ag	109	0.000990	mg/L	1690.17	0.004	0.921
	Cd	111	0.000952	mg/L	488.35	0.001	3.786
	Cd	114	0.000995	mg/L	1103.45	0.003	7.132
>	In	115		mg/L	472509.37	472509.366	3.516
	Sn	118	0.001549	mg/L	2237.36	0.004	60.637
	Sn	120	0.001043	mg/L	2016.57	0.003	12.764
	Sb	121	0.001197	mg/L	3046.88	0.006	8.738
	Sb	123	0.001238	mg/L	2363.64	0.005	6.665
	Ba	135	0.001061	mg/L	485.02	0.001	3.172

	Ba	137	0.001008	mg/L	813.88	0.001	3.775
>	Tb	159		mg/L	617119.49	617119.494	2.014
>	Ho	165		mg/L	615989.01	615989.007	6.720
	Hg	202	-0.000564	mg/L	44.67	-0.000	177.917
	Tl	203	0.000891	mg/L	1649.17	0.002	14.065
	Tl	205	0.000864	mg/L	3778.16	0.004	21.525
	Pb	208	0.000937	mg/L	5651.42	0.009	2.610
	Bi	209	0.000974	mg/L	4587.20	0.007	2.344
	Th	232	0.001228	mg/L	5468.37	0.008	10.148
	U	238	0.000967	mg/L	5028.44	0.008	13.571

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 09:43:17
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-LCV2.011
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	63203.85	63203.853	6.474
	Be	9	0.004882	mg/L	621.69	0.010	1.944
	B	11	0.003967	mg/L	1490.47	0.006	55.036
	Na	23	0.485256	mg/L	641501.15	2.538	0.894
	Mg	24	0.004364	mg/L	5217.55	0.019	6.661
	Al	27	0.004167	mg/L	9466.37	0.019	12.793
	Si	28	-0.009235	mg/L	118716.02	-0.013	722.445
	K	39	0.498184	mg/L	2628395.48	4.115	14.437
	Ca	44	0.090134	mg/L	226855.19	-0.027	141.316
>	Sc	45		mg/L	247789.31	247789.310	4.280
	Ti	47	0.004559	mg/L	3184.26	0.003	14.504
	V	51	0.005770	mg/L	-2238.09	0.047	26.726
	Cr	52	0.004655	mg/L	17122.30	0.033	18.534
	Mn	55	0.004785	mg/L	13937.83	0.051	3.394
	Fe	57	-0.006305	mg/L	12236.02	-0.000	182.014
	Ni	58	0.004776	mg/L	8300.54	0.047	9.717
	Co	59	0.004991	mg/L	11231.05	0.094	1.621
	Ni	60	0.004539	mg/L	2548.38	0.018	6.686
	Ni	62	0.004349	mg/L	449.68	0.003	5.512
	Cu	63	0.004723	mg/L	6397.65	0.048	5.472
	Cu	65	0.004692	mg/L	3233.61	0.024	11.282
	Zn	66	0.004326	mg/L	3244.28	0.022	6.976
	Zn	68	0.004130	mg/L	2688.09	0.014	3.062
	Ga	69	0.004817	mg/L	13667.08	0.085	2.822
>	Ge	72		mg/L	118817.98	118817.984	2.702
	As	75	0.005357	mg/L	2781.52	0.023	11.333
	Se	77	-0.004200	mg/L	4108.64	0.000	765.779
	Se	82	0.005366	mg/L	68.55	0.000	32.291
	Sr	88	0.004952	mg/L	19084.23	0.042	1.443
>	Y	89		mg/L	445307.45	445307.452	3.596
	Mo	95	0.005127	mg/L	3367.99	0.007	5.821
	Mo	98	0.005123	mg/L	5494.44	0.012	7.545
>	Rh	103		mg/L	412459.57	412459.568	1.998
	Ag	107	0.004970	mg/L	8553.11	0.021	4.819
	Ag	109	0.005011	mg/L	8164.41	0.020	3.418
	Cd	111	0.005022	mg/L	2225.96	0.005	2.900
	Cd	114	0.005065	mg/L	5222.35	0.012	4.918
>	In	115		mg/L	469982.61	469982.614	5.478
	Sn	118	0.005006	mg/L	6421.00	0.013	4.529
	Sn	120	0.004870	mg/L	8506.03	0.017	11.814
	Sb	121	0.005491	mg/L	10100.72	0.021	10.965
	Sb	123	0.005620	mg/L	7933.81	0.017	5.990
	Ba	135	0.004945	mg/L	2065.26	0.003	6.027

	Ba	137	0.004978	mg/L	3560.56	0.006	5.032
>	Tb	159		mg/L	616607.52	616607.515	1.320
>	Ho	165		mg/L	615702.61	615702.613	5.347
	Hg	202	-0.002189	mg/L	40.33	-0.000	83.502
	Tl	203	0.004928	mg/L	7830.45	0.012	5.227
	Tl	205	0.004773	mg/L	18002.36	0.027	12.087
	Pb	208	0.004940	mg/L	26315.67	0.042	4.561
	Bi	209	0.004873	mg/L	21996.21	0.036	1.812
	Th	232	0.004925	mg/L	23734.52	0.037	3.456
	U	238	0.004965	mg/L	24561.77	0.040	10.543

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 09:48:23
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-SCV1.012
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	72326.44	72326.438	2.776
	Be	9	0.433338	mg/L	60323.97	0.835	6.229
	B	11	0.430813	mg/L	60084.25	0.815	10.188
	Na	23	4.995630	mg/L	6782831.80	27.864	0.626
	Mg	24	4.946419	mg/L	4324373.23	17.813	5.319
	Al	27	2.512541	mg/L	2984339.59	12.278	6.706
	Si	28	0.560218	mg/L	435515.09	1.299	5.963
	K	39	5.070965	mg/L	11311066.03	40.048	0.612
	Ca	44	4.961842	mg/L	494642.80	1.092	1.032
>	Sc	45		mg/L	242968.69	242968.689	2.758
	Ti	47	0.505044	mg/L	80714.01	0.322	5.423
	V	51	0.505715	mg/L	990258.49	4.140	11.788
	Cr	52	0.517783	mg/L	897996.36	3.663	5.876
	Mn	55	0.494426	mg/L	1284149.40	5.278	3.112
	Fe	57	2.430718	mg/L	148716.02	0.562	2.530
	Ni	58	0.486993	mg/L	590145.15	4.937	3.499
	Co	59	0.468219	mg/L	1048956.90	8.819	6.925
	Ni	60	0.500154	mg/L	244327.93	2.050	5.163
	Ni	62	0.514732	mg/L	38006.38	0.318	1.377
	Cu	63	0.486827	mg/L	597580.54	5.012	4.561
	Cu	65	0.472282	mg/L	284935.31	2.390	1.975
	Zn	66	0.459996	mg/L	197694.59	1.656	3.929
	Zn	68	0.450924	mg/L	138518.38	1.156	7.477
	Ga	69	0.480580	mg/L	1001401.80	8.388	5.322
>	Ge	72		mg/L	119033.26	119033.263	1.941
	As	75	0.507121	mg/L	259330.30	2.178	3.308
	Se	77	0.536000	mg/L	17228.83	0.110	2.873
	Se	82	0.472098	mg/L	16874.81	0.037	4.216
	Sr	88	0.473709	mg/L	1848120.21	4.079	3.975
>	Y	89		mg/L	453197.09	453197.087	2.206
	Mo	95	0.497827	mg/L	336400.98	0.742	2.389
	Mo	98	0.483671	mg/L	534115.41	1.179	2.524
>	Rh	103		mg/L	399550.19	399550.187	6.868
	Ag	107	0.265968	mg/L	440096.28	1.103	3.664
	Ag	109	0.279471	mg/L	434345.68	1.091	7.737
	Cd	111	0.534479	mg/L	219597.47	0.553	13.010
	Cd	114	0.513505	mg/L	500275.80	1.259	11.674
>	In	115		mg/L	462060.82	462060.815	3.108
	Sn	118	0.493202	mg/L	594234.21	1.284	5.312
	Sn	120	0.488464	mg/L	819942.27	1.773	1.999
	Sb	121	0.574230	mg/L	934249.72	2.023	4.696
	Sb	123	0.573131	mg/L	718960.49	1.559	8.618
	Ba	135	0.476066	mg/L	195566.70	0.314	5.869

	Ba	137	0.479005	mg/L	333726.97	0.538	12.745
>	Tb	159		mg/L	622822.64	622822.636	5.140
>	Ho	165		mg/L	614762.54	614762.545	4.384
	Hg	202	0.017765	mg/L	95.33	0.000	40.594
	Tl	203	0.487576	mg/L	744606.64	1.213	8.657
	Tl	205	0.479850	mg/L	1746054.84	2.845	8.239
	Pb	208	0.485177	mg/L	2504632.17	4.076	2.125
	Bi	209	0.557436	mg/L	2479026.42	4.040	6.559
	Th	232	0.547021	mg/L	2691562.52	4.391	10.847
	U	238	0.535716	mg/L	2615614.97	4.265	8.519

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 09:53:28
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-HCV1.013
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	81572.34	81572.344	4.682
	Be	9	0.745473	mg/L	116920.72	1.436	5.947
	B	11	0.752337	mg/L	117247.10	1.424	8.886
	Na	23	9.721739	mg/L	13646752.76	54.402	2.704
	Mg	24	9.814598	mg/L	8850301.49	35.340	2.945
	Al	27	4.896454	mg/L	5993909.98	23.929	6.759
	Si	28	1.123968	mg/L	774118.51	2.598	8.026
	K	39	9.859361	mg/L	21084996.99	77.676	2.411
	Ca	44	10.009575	mg/L	800798.46	2.252	2.117
>	Sc	45		mg/L	250534.67	250534.669	2.364
	Ti	47	0.999958	mg/L	162430.13	0.638	3.306
	V	51	1.026011	mg/L	2088086.70	8.400	8.766
	Cr	52	0.983489	mg/L	1750809.68	6.958	6.583
	Mn	55	1.048704	mg/L	2807060.17	11.194	3.103
	Fe	57	4.777710	mg/L	289136.47	1.104	3.724
	Ni	58	0.987459	mg/L	1196456.33	10.012	2.551
	Co	59	0.991304	mg/L	2225294.75	18.672	10.839
	Ni	60	0.964340	mg/L	471908.24	3.954	4.025
	Ni	62	1.012701	mg/L	74774.73	0.626	0.547
	Cu	63	0.957322	mg/L	1175957.49	9.856	7.640
	Cu	65	0.947888	mg/L	572395.97	4.797	7.089
	Zn	66	0.922857	mg/L	396071.73	3.316	3.036
	Zn	68	0.912830	mg/L	279636.45	2.337	5.722
	Ga	69	0.991062	mg/L	2065951.30	17.298	11.895
>	Ge	72		mg/L	119250.30	119250.302	1.241
	As	75	1.006721	mg/L	515433.71	4.323	5.322
	Se	77	1.090870	mg/L	30740.38	0.223	8.921
	Se	82	0.978182	mg/L	34558.43	0.078	5.290
	Sr	88	1.064803	mg/L	4091990.10	9.169	4.025
>	Y	89		mg/L	446333.26	446333.263	2.225
	Mo	95	1.030898	mg/L	685781.31	1.537	6.442
	Mo	98	1.015623	mg/L	1104472.02	2.475	5.039
>	Rh	103		mg/L	403367.29	403367.290	5.537
	Ag	107	0.283799	mg/L	475062.07	1.177	1.675
	Ag	109	0.285280	mg/L	448492.81	1.113	3.733
	Cd	111	1.044263	mg/L	433960.53	1.080	10.547
	Cd	114	1.013624	mg/L	997769.64	2.484	11.994
>	In	115		mg/L	463910.38	463910.383	1.970
	Sn	118	0.987260	mg/L	1191635.07	2.570	7.179
	Sn	120	0.961067	mg/L	1617418.84	3.489	7.848
	Sb	121	1.119656	mg/L	1828671.21	3.944	4.421
	Sb	123	1.152039	mg/L	1452848.66	3.131	3.378
	Ba	135	0.958700	mg/L	392757.32	0.633	3.481

	Ba	137	0.958338	mg/L	666184.99	1.076	8.003
>	Tb	159		mg/L	620874.06	620874.055	5.439
>	Ho	165		mg/L	613353.86	613353.859	7.060
	Hg	202	0.043346	mg/L	166.67	0.000	7.893
	Tl	203	0.953456	mg/L	1448926.59	2.373	10.623
	Tl	205	1.113289	mg/L	4024445.52	6.602	13.937
	Pb	208	1.039239	mg/L	5345210.13	8.730	3.881
	Bi	209	1.108178	mg/L	4916302.32	8.031	4.297
	Th	232	1.129080	mg/L	5538900.90	9.065	8.606
	U	238	1.082572	mg/L	5255093.42	8.619	12.758

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 09:58:33
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-IFA1.014
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	60375.13	60375.132	1.804
	Be	9	-0.000002	mg/L	26.33	0.000	56.586
	B	11	0.005901	mg/L	1651.84	0.010	42.028
	Na	23	23.205501	mg/L	33004121.48	130.114	2.046
	Mg	24	9.594843	mg/L	8756570.08	34.549	7.615
	Al	27	9.383014	mg/L	11628936.49	45.855	5.105
	Si	28	-0.022326	mg/L	114496.65	-0.043	20.353
	K	39	9.911373	mg/L	21455612.43	78.085	2.914
	Ca	44	28.988379	mg/L	1916563.76	6.613	1.957
>	Sc	45		mg/L	253617.68	253617.684	1.894
	Ti	47	0.216261	mg/L	37536.55	0.138	7.235
	V	51	0.001787	mg/L	-10470.34	0.014	69.687
	Cr	52	-0.000193	mg/L	8867.41	-0.002	49.782
	Mn	55	0.001101	mg/L	4298.39	0.012	1.441
	Fe	57	22.702355	mg/L	1341727.88	5.240	0.637
	Ni	58	0.147115	mg/L	189085.96	1.490	6.634
	Co	59	0.000499	mg/L	1237.76	0.009	18.092
	Ni	60	0.000348	mg/L	530.35	0.001	35.560
	Ni	62	0.001498	mg/L	253.01	0.001	8.556
	Cu	63	0.001134	mg/L	2118.60	0.011	5.115
	Cu	65	0.001194	mg/L	1194.09	0.006	7.399
	Zn	66	-0.001096	mg/L	984.40	0.002	39.415
	Zn	68	-0.001210	mg/L	1122.75	0.000	114.216
	Ga	69	-0.000024	mg/L	3814.51	0.000	4740.398
>	Ge	72		mg/L	125127.48	125127.480	3.427
	As	75	0.001252	mg/L	730.44	0.006	23.920
	Se	77	-0.021917	mg/L	3871.53	-0.004	43.298
	Se	82	0.002816	mg/L	-20.20	0.000	27.515
	Sr	88	0.000402	mg/L	1673.84	0.003	9.958
>	Y	89		mg/L	459461.68	459461.684	6.197
	Mo	95	0.208815	mg/L	143054.52	0.311	3.890
	Mo	98	0.203291	mg/L	227402.16	0.495	3.285
>	Rh	103		mg/L	403167.71	403167.705	7.387
	Ag	107	0.000130	mg/L	266.01	0.000	48.994
	Ag	109	0.000096	mg/L	248.01	0.000	47.368
	Cd	111	0.000424	mg/L	258.34	0.001	6.558
	Cd	114	0.000444	mg/L	536.93	0.001	13.010
>	In	115		mg/L	461765.97	461765.968	1.890
	Sn	118	0.000839	mg/L	1312.44	0.002	25.474
	Sn	120	0.000967	mg/L	1849.86	0.003	17.644
	Sb	121	0.012549	mg/L	21448.41	0.046	11.814
	Sb	123	0.012850	mg/L	16886.24	0.036	12.491
	Ba	135	0.000161	mg/L	121.34	0.000	23.134

	Ba	137	0.000099	mg/L	189.25	0.000	25.244
>	Tb	159		mg/L	636868.52	636868.517	4.850
>	Ho	165		mg/L	627324.43	627324.427	3.210
	Hg	202	0.000474	mg/L	48.67	0.000	585.740
	Tl	203	0.001005	mg/L	1859.55	0.002	27.259
	Tl	205	0.000982	mg/L	4299.75	0.005	29.116
	Pb	208	0.000067	mg/L	1175.71	0.001	15.888
	Bi	209	0.000644	mg/L	3170.96	0.005	34.862
	Th	232	0.002066	mg/L	9771.22	0.014	28.371
	U	238	0.000049	mg/L	569.02	0.001	26.511

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:03:39
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-IFB1.015
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	63204.43	63204.433	5.973
	Be	9	-0.000091	mg/L	16.67	-0.000	58.147
	B	11	0.001046	mg/L	1147.42	0.001	189.950
	Na	23	24.007964	mg/L	32893735.70	134.620	2.142
	Mg	24	10.239948	mg/L	8993531.93	36.871	6.207
	Al	27	10.411685	mg/L	12398757.76	50.883	9.859
	Si	28	-0.016177	mg/L	113474.68	-0.029	146.580
	K	39	10.245222	mg/L	21267283.39	80.708	7.395
	Ca	44	29.305039	mg/L	1864368.69	6.686	1.069
>	Sc	45		mg/L	244440.54	244440.541	5.374
	Ti	47	0.233576	mg/L	38869.36	0.149	2.226
	V	51	0.218374	mg/L	421798.13	1.788	10.263
	Cr	52	0.217143	mg/L	383016.92	1.536	10.704
	Mn	55	0.203059	mg/L	530312.05	2.168	5.352
	Fe	57	23.483204	mg/L	1336874.72	5.420	3.357
	Ni	58	0.326311	mg/L	422130.95	3.307	5.446
	Co	59	0.185781	mg/L	444266.65	3.499	1.501
	Ni	60	0.195377	mg/L	102183.80	0.801	6.106
	Ni	62	0.195701	mg/L	15496.38	0.121	2.120
	Cu	63	0.184878	mg/L	241845.01	1.903	6.890
	Cu	65	0.183309	mg/L	117944.90	0.928	8.851
	Zn	66	0.088066	mg/L	41531.42	0.322	5.437
	Zn	68	0.087743	mg/L	29996.41	0.228	0.984
	Ga	69	-0.000114	mg/L	3669.78	-0.002	131.016
>	Ge	72		mg/L	126903.59	126903.594	3.539
	As	75	0.096735	mg/L	52717.21	0.416	3.699
	Se	77	0.078911	mg/L	6526.08	0.017	24.008
	Se	82	0.098774	mg/L	3417.89	0.008	9.515
	Sr	88	0.000374	mg/L	1547.15	0.003	2.221
>	Y	89		mg/L	451997.19	451997.190	4.110
	Mo	95	0.206132	mg/L	138628.12	0.307	6.522
	Mo	98	0.201481	mg/L	221227.61	0.491	11.697
>	Rh	103		mg/L	406335.47	406335.474	3.174
	Ag	107	0.055812	mg/L	94145.36	0.231	2.513
	Ag	109	0.056029	mg/L	88886.77	0.219	3.225
	Cd	111	0.104897	mg/L	44099.89	0.109	6.352
	Cd	114	0.104739	mg/L	104221.77	0.257	9.229
>	In	115		mg/L	466974.50	466974.497	3.187
	Sn	118	0.000233	mg/L	587.69	0.001	11.499
	Sn	120	0.000314	mg/L	762.05	0.001	9.431
	Sb	121	0.003140	mg/L	6209.85	0.013	2.471
	Sb	123	0.003140	mg/L	4756.11	0.010	3.309
	Ba	135	0.000108	mg/L	97.00	0.000	24.885

	Ba	137	0.000055	mg/L	155.24	0.000	26.287
>	Tb	159		mg/L	622444.59	622444.585	1.660
>	Ho	165		mg/L	595756.67	595756.665	5.470
	Hg	202	-0.000273	mg/L	44.00	-0.000	661.461
	Tl	203	0.000236	mg/L	628.36	0.000	72.582
	Tl	205	0.000231	mg/L	1437.13	0.000	111.247
	Pb	208	0.000009	mg/L	828.69	0.001	6.132
	Bi	209	0.000103	mg/L	683.37	0.001	15.951
	Th	232	0.000884	mg/L	3656.78	0.005	4.737
	U	238	-0.000038	mg/L	129.67	0.000	8.905

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:08:45
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-ICV2.016
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	64485.51	64485.506	4.415
	Be	9	0.038201	mg/L	4765.96	0.074	4.497
	B	11	0.039098	mg/L	5809.91	0.073	8.358
	Na	23	0.405337	mg/L	511893.27	2.090	3.289
	Mg	24	0.403122	mg/L	348178.36	1.455	5.516
	Al	27	0.212443	mg/L	252074.46	1.037	9.533
	Si	28	0.042375	mg/L	143311.85	0.106	58.120
	K	39	0.460270	mg/L	2466635.19	3.817	19.418
	Ca	44	0.202389	mg/L	225261.79	-0.001	3729.399
>	Sc	45		mg/L	239489.00	239489.002	5.505
	Ti	47	0.042026	mg/L	8801.68	0.027	4.506
	V	51	0.044198	mg/L	73012.31	0.362	8.437
	Cr	52	0.042528	mg/L	80506.71	0.301	9.933
	Mn	55	0.041151	mg/L	106382.57	0.439	1.576
	Fe	57	0.194863	mg/L	22929.80	0.046	5.061
	Ni	58	0.038968	mg/L	50447.77	0.393	5.040
	Co	59	0.038997	mg/L	89068.51	0.734	3.482
	Ni	60	0.040017	mg/L	20239.42	0.163	3.286
	Ni	62	0.040305	mg/L	3150.24	0.025	2.512
	Cu	63	0.038848	mg/L	49047.53	0.400	6.259
	Cu	65	0.038206	mg/L	23802.49	0.193	11.425
	Zn	66	0.034146	mg/L	16253.02	0.129	6.460
	Zn	68	0.035181	mg/L	12361.53	0.094	1.449
	Ga	69	0.039391	mg/L	87084.77	0.688	1.174
>	Ge	72		mg/L	121199.02	121199.024	3.363
	As	75	0.038823	mg/L	20232.41	0.167	5.326
	Se	77	0.019082	mg/L	4758.29	0.005	60.511
	Se	82	0.037694	mg/L	1241.71	0.003	8.374
	Sr	88	0.040535	mg/L	159431.26	0.349	1.846
>	Y	89		mg/L	456275.46	456275.456	3.432
	Mo	95	0.041077	mg/L	27859.29	0.061	7.981
	Mo	98	0.039436	mg/L	43710.25	0.096	9.362
>	Rh	103		mg/L	405018.92	405018.917	2.775
	Ag	107	0.021898	mg/L	36872.36	0.091	6.520
	Ag	109	0.022405	mg/L	35519.72	0.088	2.690
	Cd	111	0.040802	mg/L	17160.69	0.042	4.036
	Cd	114	0.039441	mg/L	39204.69	0.097	6.711
>	In	115		mg/L	459098.10	459098.102	1.820
	Sn	118	0.041766	mg/L	50194.13	0.109	4.891
	Sn	120	0.042398	mg/L	70846.25	0.154	5.754
	Sb	121	0.044332	mg/L	72653.05	0.158	5.837
	Sb	123	0.043488	mg/L	54999.92	0.120	1.858
	Ba	135	0.039567	mg/L	16042.32	0.026	4.945

	Ba	137	0.041275	mg/L	28461.74	0.046	2.885
>	Tb	159		mg/L	611993.49	611993.487	1.840
>	Ho	165		mg/L	602652.89	602652.895	3.837
	Hg	202	0.000796	mg/L	47.33	0.000	875.596
	Tl	203	0.041348	mg/L	62230.28	0.102	5.602
	Tl	205	0.042775	mg/L	153209.25	0.252	9.952
	Pb	208	0.040554	mg/L	205977.46	0.341	1.999
	Bi	209	0.039565	mg/L	172992.48	0.287	1.894
	Th	232	0.040922	mg/L	197374.89	0.326	2.389
	U	238	0.041037	mg/L	196851.40	0.327	7.150

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:13:51
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\RINSE.017
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	56423.91	56423.907	3.205
	Be	9	-0.000054	mg/L	19.00	0.000	173.168
	B	11	0.000080	mg/L	921.39	-0.001	207.814
	Na	23	0.036259	mg/L	16810.31	0.017	55.915
	Mg	24	-0.000991	mg/L	453.02	-0.000	109.231
	Al	27	-0.001122	mg/L	3089.89	-0.007	10.197
	Si	28	-0.030739	mg/L	107744.60	-0.062	54.913
	K	39	-0.111986	mg/L	1454939.02	-0.680	44.768
	Ca	44	-0.491126	mg/L	195410.13	-0.161	30.106
>	Sc	45		mg/L	250128.16	250128.160	6.285
	Ti	47	-0.002986	mg/L	2010.58	-0.002	11.687
	V	51	0.004501	mg/L	-4740.50	0.037	10.379
	Cr	52	-0.002463	mg/L	4719.27	-0.018	8.059
	Mn	55	-0.000252	mg/L	628.36	-0.003	5.295
	Fe	57	-0.040827	mg/L	10346.99	-0.008	19.641
	Ni	58	-0.000360	mg/L	2153.28	-0.005	13.531
	Co	59	0.000018	mg/L	104.67	-0.000	42.071
	Ni	60	-0.000469	mg/L	108.34	-0.003	4.028
	Ni	62	-0.000496	mg/L	95.00	-0.000	10.541
	Cu	63	-0.000207	mg/L	376.68	-0.002	14.257
	Cu	65	-0.000210	mg/L	295.67	-0.001	8.963
	Zn	66	-0.001706	mg/L	686.70	-0.000	6181.293
	Zn	68	-0.002471	mg/L	694.37	-0.003	11.246
	Ga	69	-0.000705	mg/L	2247.64	-0.012	18.454
>	Ge	72		mg/L	120580.65	120580.647	0.815
	As	75	0.000688	mg/L	410.20	0.003	10.380
	Se	77	-0.131907	mg/L	1031.07	-0.026	4.867
	Se	82	0.001711	mg/L	-59.03	0.000	48.904
	Sr	88	0.000028	mg/L	196.34	-0.000	44.005
>	Y	89		mg/L	442801.21	442801.209	1.547
	Mo	95	0.001329	mg/L	847.38	0.002	10.379
	Mo	98	0.001310	mg/L	1357.58	0.003	2.811
>	Rh	103		mg/L	412278.79	412278.789	2.874
	Ag	107	0.000024	mg/L	95.00	0.000	52.560
	Ag	109	-0.000013	mg/L	82.00	0.000	29.162
	Cd	111	-0.000114	mg/L	35.67	0.000	377.744
	Cd	114	-0.000038	mg/L	64.40	-0.000	117.649
>	In	115		mg/L	462082.36	462082.360	1.442
	Sn	118	0.000053	mg/L	364.68	0.000	42.583
	Sn	120	0.000153	mg/L	483.97	0.000	64.965
	Sb	121	0.002078	mg/L	4417.46	0.009	11.376
	Sb	123	0.002168	mg/L	3483.60	0.007	8.421
	Ba	135	0.000013	mg/L	57.33	0.000	263.339

	Ba	137	-0.000052	mg/L	79.49	0.000	99.610
>	Tb	159		mg/L	613980.18	613980.183	3.393
>	Ho	165		mg/L	606819.30	606819.296	4.230
	Hg	202	-0.002943	mg/L	37.67	-0.000	29.883
	Tl	203	0.000027	mg/L	323.68	-0.000	18.363
	Tl	205	0.000015	mg/L	687.37	-0.001	10.315
	Pb	208	-0.000061	mg/L	488.34	0.000	11.335
	Bi	209	0.000025	mg/L	352.01	0.000	17.092
	Th	232	0.000562	mg/L	2147.28	0.002	26.148
	U	238	-0.000048	mg/L	83.00	0.000	47.571

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:18:55
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-CCV1.018
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	62849.49	62849.491	1.353
	Be	9	0.038539	mg/L	4689.93	0.074	6.287
	B	11	0.039235	mg/L	5688.50	0.073	5.395
	Na	23	0.403106	mg/L	513693.77	2.077	3.505
	Mg	24	0.395036	mg/L	344539.21	1.426	6.273
	Al	27	0.207429	mg/L	248960.78	1.013	6.786
	Si	28	0.031618	mg/L	139039.16	0.081	32.608
	K	39	0.448575	mg/L	2472252.96	3.725	4.454
	Ca	44	-0.036129	mg/L	214332.45	-0.056	49.752
>	Sc	45		mg/L	241608.46	241608.461	2.767
	Ti	47	0.040301	mg/L	8613.83	0.025	7.527
	V	51	0.045465	mg/L	76272.83	0.372	9.649
	Cr	52	0.042021	mg/L	80576.66	0.297	2.814
	Mn	55	0.039010	mg/L	101888.57	0.416	1.955
	Fe	57	0.191775	mg/L	22967.87	0.045	6.348
	Ni	58	0.040499	mg/L	50694.32	0.409	10.145
	Co	59	0.040499	mg/L	89477.99	0.762	11.548
	Ni	60	0.040521	mg/L	19844.17	0.166	6.585
	Ni	62	0.041466	mg/L	3143.91	0.026	1.571
	Cu	63	0.038829	mg/L	47661.31	0.400	1.716
	Cu	65	0.039011	mg/L	23609.86	0.197	4.794
	Zn	66	0.036071	mg/L	16573.26	0.135	7.748
	Zn	68	0.035315	mg/L	12006.72	0.094	9.996
	Ga	69	0.040179	mg/L	85939.65	0.702	8.008
>	Ge	72		mg/L	117695.60	117695.600	5.409
	As	75	0.039545	mg/L	20037.39	0.170	6.016
	Se	77	0.010368	mg/L	4410.45	0.003	95.451
	Se	82	0.039572	mg/L	1260.11	0.003	7.718
	Sr	88	0.040368	mg/L	152443.49	0.347	6.226
>	Y	89		mg/L	438992.54	438992.542	3.998
	Mo	95	0.039122	mg/L	25595.04	0.058	3.646
	Mo	98	0.039570	mg/L	42267.74	0.096	2.890
>	Rh	103		mg/L	415926.30	415926.295	6.660
	Ag	107	0.021067	mg/L	36333.20	0.087	4.060
	Ag	109	0.020972	mg/L	33984.12	0.082	10.251
	Cd	111	0.039256	mg/L	16857.84	0.041	14.753
	Cd	114	0.038007	mg/L	38672.18	0.093	10.249
>	In	115		mg/L	465057.01	465057.009	3.250
	Sn	118	0.040577	mg/L	49449.51	0.106	2.178
	Sn	120	0.039640	mg/L	67149.86	0.144	1.420
	Sb	121	0.041925	mg/L	69580.74	0.150	7.661
	Sb	123	0.041346	mg/L	52885.76	0.114	10.715
	Ba	135	0.039606	mg/L	15898.07	0.026	8.266

	Ba	137	0.041360	mg/L	28214.53	0.047	11.638
>	Tb	159		mg/L	606925.69	606925.688	3.638
>	Ho	165		mg/L	607334.32	607334.315	4.442
	Hg	202	0.001164	mg/L	49.00	0.000	350.366
	Tl	203	0.041474	mg/L	62808.30	0.103	10.959
	Tl	205	0.042220	mg/L	152326.12	0.249	8.766
	Pb	208	0.040607	mg/L	207907.75	0.342	1.588
	Bi	209	0.040868	mg/L	179889.40	0.296	4.283
	Th	232	0.041642	mg/L	202094.27	0.332	7.342
	U	238	0.040855	mg/L	197373.85	0.326	8.155

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:24:00
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-CCB1.019
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	62491.02	62491.024	1.231
	Be	9	-0.000082	mg/L	17.67	-0.000	113.879
	B	11	-0.001271	mg/L	863.05	-0.003	25.998
	Na	23	0.034830	mg/L	14688.34	0.009	12.940
	Mg	24	-0.000947	mg/L	485.02	0.000	579.252
	Al	27	-0.000274	mg/L	4077.96	-0.002	56.121
	Si	28	-0.016127	mg/L	114947.75	-0.029	162.645
	K	39	-0.032522	mg/L	1592308.60	-0.055	201.042
	Ca	44	-0.493322	mg/L	193069.90	-0.161	2.085
>	Sc	45		mg/L	246722.25	246722.246	0.268
	Ti	47	-0.000998	mg/L	2296.98	-0.001	21.491
	V	51	-0.000598	mg/L	-15002.89	-0.005	144.227
	Cr	52	-0.000391	mg/L	8281.52	-0.003	42.646
	Mn	55	-0.000163	mg/L	852.72	-0.002	7.682
	Fe	57	-0.005821	mg/L	12215.99	-0.000	161.884
	Ni	58	-0.000285	mg/L	2226.30	-0.005	46.957
	Co	59	0.000023	mg/L	114.34	-0.000	186.240
	Ni	60	-0.000407	mg/L	137.34	-0.002	7.270
	Ni	62	-0.000427	mg/L	99.33	-0.000	35.498
	Cu	63	-0.000162	mg/L	430.35	-0.002	9.017
	Cu	65	-0.000122	mg/L	346.68	-0.001	29.422
	Zn	66	-0.001799	mg/L	643.03	-0.000	100.326
	Zn	68	-0.002055	mg/L	816.38	-0.002	46.141
	Ga	69	-0.000225	mg/L	3234.61	-0.003	91.853
>	Ge	72		mg/L	120161.13	120161.129	6.239
	As	75	0.000416	mg/L	290.42	0.002	207.245
	Se	77	-0.015266	mg/L	3869.86	-0.002	146.336
	Se	82	0.001160	mg/L	-79.85	0.000	98.686
	Sr	88	0.000036	mg/L	230.67	0.000	226.184
>	Y	89		mg/L	454211.47	454211.466	6.118
	Mo	95	0.000892	mg/L	570.02	0.001	10.221
	Mo	98	0.000856	mg/L	883.63	0.002	18.151
>	Rh	103		mg/L	411111.90	411111.896	6.121
	Ag	107	0.000034	mg/L	111.00	0.000	70.351
	Ag	109	-0.000007	mg/L	89.67	0.000	57.415
	Cd	111	-0.000119	mg/L	33.67	-0.000	538.348
	Cd	114	-0.000036	mg/L	66.56	-0.000	128.604
>	In	115		mg/L	461300.76	461300.764	3.971
	Sn	118	0.000048	mg/L	358.68	0.000	36.078
	Sn	120	0.000200	mg/L	563.70	0.000	53.828
	Sb	121	0.002654	mg/L	5344.64	0.011	11.267
	Sb	123	0.002683	mg/L	4115.75	0.009	10.459
	Ba	135	0.000016	mg/L	60.33	0.000	203.525

	Ba	137	-0.000039	mg/L	90.16	0.000	13.854
>	Tb	159		mg/L	628635.91	628635.914	5.005
>	Ho	165		mg/L	616689.76	616689.760	4.581
	Hg	202	0.002332	mg/L	53.00	0.000	51.983
	Tl	203	-0.000054	mg/L	205.67	-0.001	6.818
	Tl	205	-0.000045	mg/L	476.68	-0.001	5.063
	Pb	208	-0.000080	mg/L	393.67	0.000	195.437
	Bi	209	0.000045	mg/L	442.35	0.001	31.230
	Th	232	0.000713	mg/L	2930.51	0.003	23.227
	U	238	-0.000048	mg/L	84.33	0.000	19.868

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113046-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:29:05
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\1113046-BLK1.020
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 21

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	58760.71	58760.708	6.285
	Be	9	-0.000069	mg/L	18.00	-0.000	232.142
	B	11	-0.000273	mg/L	916.39	-0.002	175.960
	Na	23	0.039026	mg/L	20860.13	0.033	10.696
	Mg	24	0.001158	mg/L	2394.01	0.008	9.891
	Al	27	0.005023	mg/L	10639.33	0.023	11.244
	Si	28	-0.032294	mg/L	107407.44	-0.066	53.580
	K	39	-0.128772	mg/L	1428338.42	-0.812	53.064
	Ca	44	-0.496461	mg/L	196094.03	-0.162	30.572
>	Sc	45		mg/L	251488.01	251488.013	6.516
	Ti	47	-0.002524	mg/L	2090.93	-0.002	27.887
	V	51	0.004774	mg/L	-4316.39	0.039	20.579
	Cr	52	-0.001634	mg/L	6208.52	-0.012	23.764
	Mn	55	-0.000044	mg/L	1185.76	-0.000	98.614
	Fe	57	-0.032252	mg/L	10887.29	-0.006	45.638
	Ni	58	-0.000161	mg/L	2452.02	-0.003	61.801
	Co	59	0.000025	mg/L	123.67	-0.000	435.489
	Ni	60	-0.000359	mg/L	166.67	-0.002	3.460
	Ni	62	-0.000331	mg/L	110.00	-0.000	37.752
	Cu	63	-0.000175	mg/L	426.01	-0.002	13.593
	Cu	65	-0.000123	mg/L	356.68	-0.001	23.939
	Zn	66	-0.001666	mg/L	721.37	0.000	307.051
	Zn	68	-0.002386	mg/L	736.70	-0.003	24.649
	Ga	69	-0.000770	mg/L	2161.61	-0.013	18.467
>	Ge	72		mg/L	123768.07	123768.074	5.538
	As	75	0.000662	mg/L	407.45	0.003	9.740
	Se	77	-0.133399	mg/L	1019.07	-0.026	3.640
	Se	82	0.000425	mg/L	-108.12	-0.000	462.002
	Sr	88	0.000122	mg/L	570.02	0.001	8.145
>	Y	89		mg/L	457391.29	457391.289	5.740
	Mo	95	0.000968	mg/L	626.03	0.001	9.492
	Mo	98	0.000934	mg/L	975.01	0.002	21.826
>	Rh	103		mg/L	419538.09	419538.092	1.819
	Ag	107	0.000006	mg/L	64.00	-0.000	33.674
	Ag	109	-0.000035	mg/L	47.33	-0.000	31.480
	Cd	111	-0.000116	mg/L	35.33	0.000	4406.112
	Cd	114	-0.000034	mg/L	69.47	-0.000	285.243
>	In	115		mg/L	463111.38	463111.382	7.564
	Sn	118	0.000192	mg/L	533.35	0.001	7.839
	Sn	120	0.000290	mg/L	714.34	0.001	8.729
	Sb	121	0.001744	mg/L	3871.54	0.008	13.934
	Sb	123	0.001769	mg/L	2985.25	0.006	11.773
	Ba	135	0.000123	mg/L	104.67	0.000	24.918

	Ba	137	0.000045	mg/L	150.42	0.000	8.851
>	Tb	159		mg/L	632704.47	632704.468	5.457
>	Ho	165		mg/L	609222.91	609222.911	2.816
	Hg	202	-0.000743	mg/L	43.67	-0.000	359.439
	Tl	203	0.000065	mg/L	385.01	-0.000	3.287
	Tl	205	0.000079	mg/L	922.06	-0.001	5.263
	Pb	208	-0.000060	mg/L	493.01	0.000	10.464
	Bi	209	0.000002	mg/L	250.01	0.000	17.641
	Th	232	0.001567	mg/L	7100.91	0.010	19.274
	U	238	-0.000049	mg/L	79.33	0.000	71.983

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113046BS1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:34:10
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\1113046BS1.021
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 22

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	72696.39	72696.394	2.934
	Be	9	0.019237	mg/L	2724.10	0.037	1.637
	B	11	0.804612	mg/L	111809.40	1.523	7.353
	Na	23	22.572732	mg/L	32223898.74	126.561	0.845
	Mg	24	4.532069	mg/L	4149476.63	16.321	3.868
	Al	27	4.366877	mg/L	5418370.64	21.341	10.218
	Si	28	2.624105	mg/L	1661228.08	6.055	11.285
	K	39	22.204030	mg/L	46033055.64	174.682	5.769
	Ca	44	4.254006	mg/L	476473.58	0.930	5.341
>	Sc	45		mg/L	254542.82	254542.822	5.251
	Ti	47	0.458529	mg/L	76977.69	0.293	3.859
	V	51	0.463568	mg/L	948984.32	3.795	8.610
	Cr	52	0.231870	mg/L	425592.97	1.640	9.326
	Mn	55	0.217952	mg/L	593342.07	2.326	1.248
	Fe	57	1.732064	mg/L	114699.77	0.401	2.404
	Ni	58	0.230565	mg/L	286612.59	2.336	4.794
	Co	59	0.088767	mg/L	203304.45	1.672	2.291
	Ni	60	0.222133	mg/L	111115.27	0.910	2.181
	Ni	62	0.226384	mg/L	17145.68	0.140	1.980
	Cu	63	0.220020	mg/L	275785.28	2.265	5.404
	Cu	65	0.214584	mg/L	132290.80	1.086	7.128
	Zn	66	0.410279	mg/L	180195.39	1.478	4.081
	Zn	68	0.402392	mg/L	126489.26	1.032	2.717
	Ga	69	0.009235	mg/L	23377.36	0.162	4.858
>	Ge	72		mg/L	121583.80	121583.804	3.414
	As	75	0.178138	mg/L	92972.93	0.765	3.960
	Se	77	0.295255	mg/L	11618.22	0.061	10.381
	Se	82	0.175712	mg/L	6293.54	0.014	4.933
	Sr	88	0.430456	mg/L	1704079.48	3.707	5.162
>	Y	89		mg/L	459564.76	459564.756	2.721
	Mo	95	0.472682	mg/L	323605.29	0.704	4.739
	Mo	98	0.476509	mg/L	533208.31	1.161	7.566
>	Rh	103		mg/L	420578.54	420578.540	4.804
	Ag	107	0.193858	mg/L	338190.35	0.804	3.264
	Ag	109	0.196266	mg/L	321994.88	0.766	5.860
	Cd	111	0.023049	mg/L	10084.70	0.024	8.158
	Cd	114	0.022451	mg/L	23118.70	0.055	17.650
>	In	115		mg/L	484111.19	484111.189	4.226
	Sn	118	0.468578	mg/L	590142.01	1.220	4.541
	Sn	120	0.455309	mg/L	798349.40	1.653	9.635
	Sb	121	0.603769	mg/L	1027767.75	2.127	7.825
	Sb	123	0.612606	mg/L	805882.19	1.666	3.085
	Ba	135	0.434310	mg/L	188586.42	0.287	3.055

	Ba	137	0.441985	mg/L	326020.95	0.496	1.927
>	Tb	159		mg/L	657005.94	657005.936	2.129
>	Ho	165		mg/L	648466.86	648466.863	6.684
	Hg	202	0.000986	mg/L	51.67	0.000	148.920
	Tl	203	0.224402	mg/L	361524.09	0.558	6.653
	Tl	205	0.222860	mg/L	852987.23	1.321	12.962
	Pb	208	0.218361	mg/L	1188323.70	1.835	4.191
	Bi	209	0.000028	mg/L	384.35	0.000	35.678
	Th	232	0.001219	mg/L	5682.52	0.008	20.890
	U	238	-0.000052	mg/L	64.67	0.000	133.466

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113046-BSD1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:39:17
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\1113046-BSD1.022
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 23

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	79941.71	79941.710	3.595
	Be	9	0.019542	mg/L	3045.21	0.038	2.444
	B	11	0.782220	mg/L	119745.50	1.480	0.771
	Na	23	22.417992	mg/L	33409102.56	125.693	2.210
	Mg	24	4.559729	mg/L	4366379.93	16.420	2.696
	Al	27	4.492010	mg/L	5840269.55	21.952	1.721
	Si	28	2.727259	mg/L	1802477.36	6.293	4.095
	K	39	23.171383	mg/L	50097538.73	182.284	8.230
	Ca	44	4.326181	mg/L	501843.80	0.946	9.085
>	Sc	45		mg/L	265756.12	265756.119	2.849
	Ti	47	0.459737	mg/L	80718.24	0.293	4.521
	V	51	0.472506	mg/L	1013471.90	3.868	2.350
	Cr	52	0.240965	mg/L	462495.38	1.705	3.074
	Mn	55	0.226689	mg/L	643632.22	2.420	6.535
	Fe	57	1.753159	mg/L	120993.21	0.406	2.887
	Ni	58	0.228476	mg/L	299112.39	2.315	8.317
	Co	59	0.090528	mg/L	218141.51	1.705	9.219
	Ni	60	0.230051	mg/L	121150.15	0.943	2.689
	Ni	62	0.237176	mg/L	18931.28	0.146	4.860
	Cu	63	0.227353	mg/L	300577.61	2.341	2.448
	Cu	65	0.217529	mg/L	141347.01	1.101	4.434
	Zn	66	0.404992	mg/L	187367.79	1.459	6.580
	Zn	68	0.408273	mg/L	135120.15	1.047	6.308
	Ga	69	0.010536	mg/L	27502.83	0.184	3.688
>	Ge	72		mg/L	128086.01	128086.014	2.571
	As	75	0.180408	mg/L	99271.09	0.775	0.697
	Se	77	0.309214	mg/L	12605.86	0.064	6.254
	Se	82	0.176393	mg/L	6795.85	0.014	9.421
	Sr	88	0.434726	mg/L	1852339.32	3.743	5.303
>	Y	89		mg/L	495469.77	495469.769	4.272
	Mo	95	0.481745	mg/L	355833.75	0.718	1.924
	Mo	98	0.470284	mg/L	567076.47	1.146	5.538
>	Rh	103		mg/L	439859.43	439859.427	6.509
	Ag	107	0.206835	mg/L	376549.50	0.858	5.327
	Ag	109	0.211485	mg/L	361526.32	0.825	9.900
	Cd	111	0.024884	mg/L	11346.88	0.026	12.648
	Cd	114	0.024375	mg/L	26283.39	0.060	10.353
>	In	115		mg/L	497825.33	497825.328	4.680
	Sn	118	0.468952	mg/L	608104.07	1.221	0.864
	Sn	120	0.473600	mg/L	855145.22	1.719	4.144
	Sb	121	0.646998	mg/L	1132504.14	2.280	7.131
	Sb	123	0.650535	mg/L	878132.64	1.769	9.235
	Ba	135	0.421687	mg/L	197659.23	0.279	4.615

	Ba	137	0.432234	mg/L	344335.97	0.485	5.449
>	Tb	159		mg/L	709792.77	709792.768	1.691
>	Ho	165		mg/L	677049.03	677049.033	1.673
	Hg	202	0.002064	mg/L	57.33	0.000	109.265
	Tl	203	0.230930	mg/L	389510.60	0.574	5.807
	Tl	205	0.231953	mg/L	931658.67	1.375	5.465
	Pb	208	0.225675	mg/L	1283915.72	1.896	4.077
	Bi	209	-0.000016	mg/L	187.67	0.000	12.558
	Th	232	0.000675	mg/L	3014.87	0.003	15.000
	U	238	-0.000055	mg/L	53.00	-0.000	186.035

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0917-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:44:23
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\11C0917-01.023
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 24

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	70739.90	70739.900	1.382
	Be	9	-0.000111	mg/L	16.00	-0.000	45.839
	B	11	0.050708	mg/L	7937.56	0.095	10.125
	Na	23	0.064758	mg/L	64522.32	0.177	3.520
	Mg	24	0.845119	mg/L	864495.63	3.046	2.333
	Al	27	0.194092	mg/L	274059.98	0.947	1.970
	Si	28	1.091238	mg/L	856945.06	2.523	7.137
	K	39	-0.136587	mg/L	1596139.73	-0.873	36.627
	Ca	44	7.796051	mg/L	761076.97	1.744	9.740
>	Sc	45		mg/L	283687.76	283687.762	4.731
	Ti	47	0.016806	mg/L	5870.29	0.010	3.579
	V	51	0.008368	mg/L	3498.35	0.068	16.299
	Cr	52	0.014872	mg/L	40091.64	0.105	7.635
	Mn	55	0.003605	mg/L	12361.55	0.039	10.490
	Fe	57	0.203272	mg/L	27704.77	0.048	7.980
	Ni	58	0.002200	mg/L	6177.50	0.021	21.162
	Co	59	0.000110	mg/L	366.34	0.002	17.388
	Ni	60	0.000771	mg/L	844.38	0.002	10.369
	Ni	62	0.000746	mg/L	219.34	0.000	48.648
	Cu	63	0.159389	mg/L	232551.55	1.641	1.645
	Cu	65	0.155405	mg/L	111516.14	0.786	3.578
	Zn	66	3.909221	mg/L	1975871.89	14.027	16.867
	Zn	68	3.745228	mg/L	1351459.67	9.578	8.787
	Ga	69	-0.000496	mg/L	3150.92	-0.008	31.018
>	Ge	72		mg/L	141226.18	141226.184	3.625
	As	75	0.001097	mg/L	728.07	0.005	27.369
	Se	77	-0.111351	mg/L	1801.20	-0.022	6.596
	Se	82	0.002099	mg/L	-56.37	0.000	39.026
	Sr	88	0.003116	mg/L	14576.82	0.027	6.444
>	Y	89		mg/L	540292.65	540292.649	4.738
	Mo	95	0.045259	mg/L	36433.40	0.067	1.343
	Mo	98	0.044330	mg/L	58233.80	0.108	5.654
>	Rh	103		mg/L	485115.24	485115.241	7.547
	Ag	107	0.000286	mg/L	636.70	0.001	10.603
	Ag	109	0.000204	mg/L	502.35	0.001	17.982
	Cd	111	0.000126	mg/L	162.00	0.000	11.396
	Cd	114	0.000144	mg/L	292.92	0.000	4.432
>	In	115		mg/L	537922.64	537922.641	4.593
	Sn	118	0.005533	mg/L	8101.36	0.014	1.315
	Sn	120	0.005864	mg/L	11697.28	0.021	6.000
	Sb	121	-0.000036	mg/L	1140.08	0.002	17.048
	Sb	123	0.000017	mg/L	909.16	0.002	15.452
	Ba	135	0.003553	mg/L	1811.20	0.002	7.867

	Ba	137	0.003471	mg/L	3038.81	0.004	10.246
>	Tb	159		mg/L	746438.75	746438.754	4.621
>	Ho	165		mg/L	727613.94	727613.939	2.866
	Hg	202	-0.001774	mg/L	49.00	-0.000	29.741
	Tl	203	0.000666	mg/L	1551.82	0.001	39.668
	Tl	205	0.000668	mg/L	3657.14	0.003	46.006
	Pb	208	0.025651	mg/L	157706.48	0.216	1.695
	Bi	209	0.000025	mg/L	416.35	0.000	21.039
	Th	232	0.000808	mg/L	4018.60	0.004	9.826
	U	238	-0.000039	mg/L	152.34	0.000	24.381

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113046-PS1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:49:31
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\1113046-PS1.024
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 25

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	73390.24	73390.239	4.866
	Be	9	0.044666	mg/L	6332.27	0.086	6.197
	B	11	0.093112	mg/L	14082.40	0.175	12.250
	Na	23	0.487646	mg/L	756669.40	2.552	2.598
	Mg	24	1.254596	mg/L	1312590.44	4.520	6.702
	Al	27	0.416355	mg/L	595168.77	2.034	9.906
	Si	28	0.972352	mg/L	795607.64	2.249	11.204
	K	39	0.394935	mg/L	2849011.75	3.304	15.185
	Ca	44	7.672418	mg/L	772530.27	1.715	3.930
>	Sc	45		mg/L	290759.98	290759.978	4.324
	Ti	47	0.062677	mg/L	14528.42	0.040	1.176
	V	51	0.055867	mg/L	116404.75	0.457	8.715
	Cr	52	0.060270	mg/L	134201.46	0.426	10.047
	Mn	55	0.050759	mg/L	159053.81	0.542	0.722
	Fe	57	0.422167	mg/L	43117.92	0.098	1.629
	Ni	58	0.050816	mg/L	73873.35	0.514	3.002
	Co	59	0.047099	mg/L	122228.65	0.887	0.765
	Ni	60	0.048767	mg/L	27935.22	0.199	2.892
	Ni	62	0.050447	mg/L	4443.13	0.031	2.581
	Cu	63	0.206372	mg/L	292957.95	2.125	5.928
	Cu	65	0.207483	mg/L	144795.66	1.050	10.595
	Zn	66	4.107271	mg/L	2027168.16	14.738	11.956
	Zn	68	3.746697	mg/L	1320304.95	9.582	0.660
	Ga	69	0.045273	mg/L	113087.34	0.791	2.676
>	Ge	72		mg/L	137672.40	137672.399	2.467
	As	75	0.049722	mg/L	29435.85	0.214	3.204
	Se	77	-0.072839	mg/L	2830.47	-0.014	14.050
	Se	82	0.052247	mg/L	2054.16	0.004	4.693
	Sr	88	0.049713	mg/L	226995.89	0.428	4.902
>	Y	89		mg/L	529485.53	529485.530	3.288
	Mo	95	0.092997	mg/L	73290.15	0.138	5.596
	Mo	98	0.094344	mg/L	121475.21	0.230	9.690
>	Rh	103		mg/L	481941.65	481941.652	3.867
	Ag	107	0.024548	mg/L	49174.25	0.102	3.411
	Ag	109	0.024694	mg/L	46576.04	0.096	1.668
	Cd	111	0.046629	mg/L	23305.42	0.048	5.699
	Cd	114	0.047297	mg/L	55864.50	0.116	9.058
>	In	115		mg/L	544271.26	544271.257	5.020
	Sn	118	0.052555	mg/L	74601.20	0.137	8.958
	Sn	120	0.051914	mg/L	102452.94	0.188	11.693
	Sb	121	0.052652	mg/L	101768.69	0.187	9.927
	Sb	123	0.052644	mg/L	78627.75	0.144	4.999
	Ba	135	0.048549	mg/L	23343.17	0.032	1.314

	Ba	137	0.050240	mg/L	41032.29	0.056	7.091
>	Tb	159		mg/L	726241.59	726241.595	3.265
>	Ho	165		mg/L	728642.24	728642.242	4.853
	Hg	202	-0.000947	mg/L	52.00	-0.000	222.717
	Tl	203	0.048853	mg/L	88738.40	0.121	7.652
	Tl	205	0.047753	mg/L	206444.84	0.282	10.355
	Pb	208	0.072319	mg/L	443075.88	0.608	3.472
	Bi	209	0.046442	mg/L	245344.62	0.337	2.168
	Th	232	0.046860	mg/L	272905.60	0.374	6.967
	U	238	0.046546	mg/L	269302.52	0.371	12.274

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113046-PS2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:54:37
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\1113046-PS2.025
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 26

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	76592.60	76592.596	5.011
	Be	9	0.045327	mg/L	6725.90	0.087	3.130
	B	11	0.092494	mg/L	14658.99	0.174	4.636
	Na	23	0.495535	mg/L	759650.10	2.596	2.128
	Mg	24	1.273820	mg/L	1318758.83	4.590	1.776
	Al	27	0.430656	mg/L	609456.42	2.104	2.037
	Si	28	1.108755	mg/L	878966.86	2.563	7.325
	K	39	0.470531	mg/L	2984700.56	3.898	16.164
	Ca	44	7.813731	mg/L	772079.33	1.748	8.131
>	Sc	45		mg/L	287185.23	287185.229	3.463
	Ti	47	0.064339	mg/L	14667.67	0.041	3.637
	V	51	0.059914	mg/L	124724.07	0.490	3.945
	Cr	52	0.066677	mg/L	145725.24	0.472	6.277
	Mn	55	0.054358	mg/L	167824.70	0.580	7.701
	Fe	57	0.451104	mg/L	44464.28	0.105	6.259
	Ni	58	0.049314	mg/L	74120.72	0.498	9.950
	Co	59	0.045971	mg/L	123198.78	0.865	7.828
	Ni	60	0.050302	mg/L	29797.44	0.206	1.673
	Ni	62	0.051577	mg/L	4700.60	0.032	0.592
	Cu	63	0.202863	mg/L	298196.93	2.088	3.122
	Cu	65	0.196426	mg/L	141929.85	0.994	5.958
	Zn	66	3.738902	mg/L	1907607.47	13.416	9.125
	Zn	68	3.726267	mg/L	1356413.74	9.529	7.257
	Ga	69	0.046352	mg/L	119504.33	0.809	6.096
>	Ge	72		mg/L	142551.49	142551.492	4.955
	As	75	0.050975	mg/L	31260.91	0.219	1.373
	Se	77	-0.082717	mg/L	2641.41	-0.016	8.232
	Se	82	0.053545	mg/L	2165.59	0.004	12.350
	Sr	88	0.050156	mg/L	235477.42	0.432	4.499
>	Y	89		mg/L	545773.41	545773.413	5.547
	Mo	95	0.094112	mg/L	76510.23	0.140	1.920
	Mo	98	0.091528	mg/L	121476.07	0.223	4.991
>	Rh	103		mg/L	482705.37	482705.369	6.219
	Ag	107	0.026790	mg/L	53605.15	0.111	4.392
	Ag	109	0.027434	mg/L	51569.92	0.107	10.500
	Cd	111	0.050213	mg/L	25049.77	0.052	10.829
	Cd	114	0.048144	mg/L	56928.40	0.118	6.738
>	In	115		mg/L	542148.68	542148.682	5.600
	Sn	118	0.054124	mg/L	76716.92	0.141	1.691
	Sn	120	0.054388	mg/L	107087.11	0.197	5.916
	Sb	121	0.057136	mg/L	109922.30	0.203	9.012
	Sb	123	0.057159	mg/L	84871.75	0.157	7.109
	Ba	135	0.047486	mg/L	23883.92	0.031	8.850

	Ba	137	0.049019	mg/L	41877.30	0.055	11.932
>	Tb	159		mg/L	762297.56	762297.563	6.414
>	Ho	165		mg/L	747773.64	747773.635	2.895
	Hg	202	-0.002871	mg/L	46.67	-0.000	59.560
	Tl	203	0.048934	mg/L	91278.84	0.121	9.581
	Tl	205	0.049565	mg/L	220410.09	0.293	4.738
	Pb	208	0.072556	mg/L	456688.38	0.610	0.794
	Bi	209	0.045491	mg/L	246546.54	0.330	6.041
	Th	232	0.048104	mg/L	287778.36	0.384	7.834
	U	238	0.047365	mg/L	282092.53	0.378	4.757

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113046-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 10:59:41
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\1113046-DUP1.026
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 27

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	72580.99	72580.988	0.754
	Be	9	-0.000297	mg/L	23.67	0.000	4322.935
	B	11	2.056263	mg/L	57689.69	0.778	8.274
	Na	23	0.717638	mg/L	182976.51	0.619	4.751
	Mg	24	1.374552	mg/L	271560.08	0.993	7.374
	Al	27	9.284686	mg/L	2481662.20	9.074	7.072
	Si	28	1.320523	mg/L	303291.74	0.617	25.004
	K	39	0.215265	mg/L	1927952.35	0.539	26.954
	Ca	44	23.864659	mg/L	544749.07	1.049	2.624
>	Sc	45		mg/L	273434.92	273434.916	4.212
	Ti	47	0.009845	mg/L	3057.55	0.001	83.641
	V	51	0.025777	mg/L	-3761.90	0.042	13.339
	Cr	52	0.015542	mg/L	15924.10	0.022	15.324
	Mn	55	0.006005	mg/L	4926.05	0.013	2.857
	Fe	57	0.337282	mg/L	18151.62	0.017	8.746
	Ni	58	0.002765	mg/L	3660.11	0.004	18.335
	Co	59	0.000262	mg/L	204.67	0.001	19.123
	Ni	60	-0.000508	mg/L	324.34	-0.001	1.320
	Ni	62	-0.001198	mg/L	128.00	-0.000	35.604
	Cu	63	0.169799	mg/L	47915.60	0.349	2.661
	Cu	65	0.170123	mg/L	23710.45	0.172	1.610
	Zn	66	4.179477	mg/L	406009.99	3.004	5.208
	Zn	68	4.170549	mg/L	289177.51	2.136	6.582
	Ga	69	-0.002560	mg/L	2964.18	-0.008	27.105
>	Ge	72		mg/L	134983.20	134983.202	2.639
	As	75	0.001033	mg/L	179.80	0.001	59.621
	Se	77	-0.414090	mg/L	2502.04	-0.016	7.597
	Se	82	0.012593	mg/L	-35.46	0.000	8.729
	Sr	88	0.153268	mg/L	134342.13	0.264	4.500
>	Y	89		mg/L	508918.81	508918.814	3.054
	Mo	95	0.047910	mg/L	7236.62	0.014	1.693
	Mo	98	0.048476	mg/L	11957.36	0.023	2.244
>	Rh	103		mg/L	479310.57	479310.573	3.300
	Ag	107	0.001377	mg/L	610.36	0.001	43.376
	Ag	109	0.001247	mg/L	586.69	0.001	45.453
	Cd	111	-0.000366	mg/L	61.33	0.000	65.942
	Cd	114	-0.000019	mg/L	114.85	0.000	62.916
>	In	115		mg/L	534143.55	534143.553	1.702
	Sn	118	0.006593	mg/L	2182.95	0.004	10.028
	Sn	120	0.007819	mg/L	3301.64	0.005	21.899
	Sb	121	0.005084	mg/L	3114.57	0.006	15.291
	Sb	123	0.004897	mg/L	2300.92	0.004	16.549
	Ba	135	0.032647	mg/L	3098.89	0.004	10.676

	Ba	137	0.032590	mg/L	5291.89	0.007	9.285
>	Tb	159		mg/L	707574.42	707574.417	5.802
>	Ho	165		mg/L	702531.89	702531.893	4.613
	Hg	202	-0.002106	mg/L	51.67	-0.000	246.677
	Tl	203	-0.000317	mg/L	218.34	-0.001	1.783
	Tl	205	0.004968	mg/L	5108.15	0.005	231.978
	Pb	208	0.033179	mg/L	40077.07	0.056	0.283
	Bi	209	0.000027	mg/L	304.01	0.000	42.960
	Th	232	0.003893	mg/L	3705.14	0.004	21.937
	U	238	-0.000098	mg/L	253.67	0.000	8.919

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0917-02
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 11:04:47
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\11C0917-02.027
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 28

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	80279.87	80279.866	2.603
	Be	9	-0.000092	mg/L	21.00	-0.000	115.615
	B	11	0.014191	mg/L	3458.36	0.026	9.603
	Na	23	0.095664	mg/L	125275.42	0.351	1.138
	Mg	24	0.343659	mg/L	388236.04	1.241	1.706
	Al	27	0.212974	mg/L	330687.91	1.040	2.187
	Si	28	1.566278	mg/L	1284367.40	3.618	13.320
	K	39	-0.111228	mg/L	1822047.93	-0.674	19.384
	Ca	44	2.963152	mg/L	492309.87	0.633	9.035
>	Sc	45		mg/L	312335.03	312335.025	2.308
	Ti	47	0.008267	mg/L	4758.63	0.005	11.286
	V	51	0.012413	mg/L	14252.26	0.101	7.376
	Cr	52	0.023382	mg/L	63022.13	0.165	2.465
	Mn	55	0.002340	mg/L	9416.31	0.025	7.075
	Fe	57	0.067720	mg/L	20765.57	0.017	0.296
	Ni	58	0.002402	mg/L	6646.17	0.023	17.918
	Co	59	0.000098	mg/L	344.34	0.001	19.844
	Ni	60	0.001497	mg/L	1298.77	0.005	15.918
	Ni	62	0.001606	mg/L	303.01	0.001	3.063
	Cu	63	0.030891	mg/L	46931.35	0.318	1.230
	Cu	65	0.031401	mg/L	23549.72	0.159	6.455
	Zn	66	2.552433	mg/L	1328289.18	9.161	8.503
	Zn	68	2.498791	mg/L	927816.96	6.391	6.887
	Ga	69	-0.000960	mg/L	2058.25	-0.016	6.557
>	Ge	72		mg/L	145208.32	145208.316	3.695
	As	75	0.000576	mg/L	422.63	0.003	27.347
	Se	77	-0.126623	mg/L	1394.79	-0.025	4.743
	Se	82	0.002347	mg/L	-46.48	0.000	17.099
	Sr	88	0.001996	mg/L	9694.60	0.017	4.942
>	Y	89		mg/L	558117.00	558116.997	3.569
	Mo	95	0.061992	mg/L	51538.64	0.092	0.938
	Mo	98	0.062215	mg/L	84511.56	0.151	3.009
>	Rh	103		mg/L	521192.50	521192.497	4.844
	Ag	107	0.000094	mg/L	270.01	0.000	7.954
	Ag	109	0.000026	mg/L	183.00	0.000	7.989
	Cd	111	0.000341	mg/L	289.34	0.000	12.416
	Cd	114	0.000391	mg/L	629.30	0.001	1.004
>	In	115		mg/L	594639.48	594639.476	6.586
	Sn	118	0.001026	mg/L	1971.90	0.003	5.640
	Sn	120	0.001139	mg/L	2741.38	0.004	11.516
	Sb	121	0.000269	mg/L	1889.22	0.003	14.677
	Sb	123	0.000272	mg/L	1409.85	0.002	18.072
	Ba	135	0.001971	mg/L	1099.74	0.001	5.018

	Ba	137	0.001986	mg/L	1915.58	0.002	7.770
>	Tb	159		mg/L	793975.61	793975.607	3.567
>	Ho	165		mg/L	787282.83	787282.830	2.646
	Hg	202	-0.005828	mg/L	38.33	-0.000	46.339
	Tl	203	0.000031	mg/L	429.35	-0.000	4.283
	Tl	205	0.000040	mg/L	1007.40	-0.001	2.158
	Pb	208	0.009183	mg/L	61719.04	0.078	3.939
	Bi	209	-0.000005	mg/L	283.34	0.000	6.213
	Th	232	0.000959	mg/L	5297.27	0.005	12.727
	U	238	-0.000039	mg/L	163.34	0.000	24.132

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0917-03
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 11:09:52
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\11C0917-03.028
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 29

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	79319.76	79319.758	2.080
	Be	9	-0.000027	mg/L	30.67	0.000	194.768
	B	11	0.022710	mg/L	4695.26	0.042	8.331
	Na	23	0.090113	mg/L	115924.91	0.320	3.668
	Mg	24	1.037053	mg/L	1170557.04	3.737	3.359
	Al	27	0.886079	mg/L	1358707.24	4.329	8.200
	Si	28	4.517925	mg/L	3411258.61	10.419	7.866
	K	39	0.047271	mg/L	2214380.02	0.572	73.644
	Ca	44	9.067119	mg/L	932723.22	2.036	4.799
>	Sc	45		mg/L	313473.35	313473.352	6.068
	Ti	47	0.015890	mg/L	6292.91	0.010	5.494
	V	51	0.013888	mg/L	18058.19	0.113	5.934
	Cr	52	0.026596	mg/L	70199.68	0.188	9.234
	Mn	55	0.035972	mg/L	121885.96	0.384	3.237
	Fe	57	1.760297	mg/L	143242.35	0.407	3.378
	Ni	58	0.014343	mg/L	24413.32	0.144	2.532
	Co	59	0.000500	mg/L	1454.13	0.009	7.253
	Ni	60	0.002145	mg/L	1700.18	0.008	4.247
	Ni	62	0.002301	mg/L	368.68	0.001	13.408
	Cu	63	0.043050	mg/L	65544.47	0.443	4.461
	Cu	65	0.043324	mg/L	32554.91	0.219	5.886
	Zn	66	4.780895	mg/L	2508399.55	17.154	3.496
	Zn	68	4.106292	mg/L	1536620.56	10.501	2.437
	Ga	69	0.000436	mg/L	5638.14	0.008	8.876
>	Ge	72		mg/L	146275.95	146275.946	3.104
	As	75	0.001050	mg/L	723.80	0.005	16.335
	Se	77	-0.133119	mg/L	1213.76	-0.026	1.064
	Se	82	0.002794	mg/L	-26.70	0.000	1.502
	Sr	88	0.005379	mg/L	26133.52	0.046	5.183
>	Y	89		mg/L	561653.58	561653.576	0.574
	Mo	95	0.040044	mg/L	33485.62	0.060	4.355
	Mo	98	0.039613	mg/L	54148.75	0.096	7.068
>	Rh	103		mg/L	516073.33	516073.333	2.290
	Ag	107	0.000114	mg/L	311.68	0.000	5.497
	Ag	109	0.000029	mg/L	187.00	0.000	8.024
	Cd	111	0.000129	mg/L	174.34	0.000	5.194
	Cd	114	0.000193	mg/L	373.47	0.001	4.765
>	In	115		mg/L	593885.84	593885.836	2.824
	Sn	118	0.003562	mg/L	5891.63	0.009	3.005
	Sn	120	0.003608	mg/L	8062.36	0.013	6.542
	Sb	121	-0.000178	mg/L	960.73	0.001	19.076
	Sb	123	-0.000153	mg/L	730.81	0.001	9.149
	Ba	135	0.057102	mg/L	29696.08	0.038	2.025

	Ba	137	0.057799	mg/L	51111.57	0.065	1.414
>	Tb	159		mg/L	785609.48	785609.482	2.151
>	Ho	165		mg/L	796307.23	796307.234	5.771
	Hg	202	-0.001598	mg/L	54.33	-0.000	36.689
	Tl	203	0.000004	mg/L	380.01	-0.000	14.492
	Tl	205	0.000007	mg/L	861.38	-0.001	11.602
	Pb	208	0.011354	mg/L	76825.45	0.096	5.497
	Bi	209	0.000038	mg/L	535.35	0.001	2.868
	Th	232	0.001372	mg/L	7983.25	0.009	8.865
	U	238	0.000023	mg/L	557.69	0.001	10.614

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0917-04
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 11:14:58
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\11C0917-04.029
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 30

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	76012.35	76012.350	4.719
	Be	9	-0.000058	mg/L	25.00	0.000	1669.835
	B	11	0.008717	mg/L	2483.37	0.015	18.398
	Na	23	0.076363	mg/L	87227.32	0.242	2.907
	Mg	24	0.418506	mg/L	449790.08	1.510	5.332
	Al	27	0.156396	mg/L	232124.13	0.763	10.823
	Si	28	1.439910	mg/L	1136221.82	3.326	12.171
	K	39	-0.100257	mg/L	1760298.38	-0.588	56.708
	Ca	44	8.451447	mg/L	845121.57	1.894	2.289
>	Sc	45		mg/L	297965.06	297965.061	6.337
	Ti	47	0.015551	mg/L	5920.99	0.010	6.695
	V	51	0.012743	mg/L	14370.47	0.104	4.379
	Cr	52	0.028971	mg/L	71671.21	0.205	9.392
	Mn	55	0.002667	mg/L	10025.64	0.029	1.005
	Fe	57	0.129756	mg/L	24041.00	0.031	9.051
	Ni	58	0.002991	mg/L	7119.53	0.029	8.218
	Co	59	0.000086	mg/L	294.34	0.001	5.684
	Ni	60	0.001638	mg/L	1309.77	0.006	13.703
	Ni	62	0.001756	mg/L	299.67	0.001	12.932
	Cu	63	0.031962	mg/L	45927.76	0.329	6.223
	Cu	65	0.031344	mg/L	22273.54	0.158	6.714
	Zn	66	3.339620	mg/L	1647035.42	11.984	2.631
	Zn	68	3.272398	mg/L	1150749.90	8.369	5.877
	Ga	69	-0.001109	mg/L	1589.15	-0.019	2.570
>	Ge	72		mg/L	137412.67	137412.667	1.870
	As	75	0.000543	mg/L	382.20	0.003	40.740
	Se	77	-0.129177	mg/L	1249.77	-0.025	2.653
	Se	82	0.002698	mg/L	-29.60	0.000	13.240
	Sr	88	0.003074	mg/L	14371.86	0.026	4.720
>	Y	89		mg/L	538677.95	538677.946	2.558
	Mo	95	0.007209	mg/L	5748.88	0.011	5.289
	Mo	98	0.006909	mg/L	8997.15	0.017	7.510
>	Rh	103		mg/L	477802.40	477802.402	4.958
	Ag	107	0.000952	mg/L	1950.90	0.004	4.942
	Ag	109	0.000928	mg/L	1846.54	0.004	5.059
	Cd	111	0.000701	mg/L	443.35	0.001	5.906
	Cd	114	0.000708	mg/L	944.56	0.002	13.682
>	In	115		mg/L	561487.01	561487.009	1.906
	Sn	118	0.004750	mg/L	7309.68	0.012	4.520
	Sn	120	0.004783	mg/L	10026.21	0.017	5.973
	Sb	121	-0.000125	mg/L	1015.07	0.002	7.041
	Sb	123	-0.000093	mg/L	782.76	0.001	7.317
	Ba	135	0.001262	mg/L	698.37	0.001	5.962

	Ba	137	0.001125	mg/L	1104.32	0.001	4.607
>	Tb	159		mg/L	761867.94	761867.940	4.384
>	Ho	165		mg/L	761257.75	761257.751	7.601
	Hg	202	-0.003429	mg/L	45.67	-0.000	75.816
	Tl	203	-0.000049	mg/L	262.67	-0.001	5.056
	Tl	205	-0.000036	mg/L	626.69	-0.001	10.351
	Pb	208	0.011065	mg/L	71590.06	0.094	4.655
	Bi	209	-0.000014	mg/L	225.34	0.000	6.498
	Th	232	0.001066	mg/L	5756.21	0.006	12.784
	U	238	-0.000035	mg/L	181.67	0.000	30.383

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 11:20:03
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\RINSE.030
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	62934.64	62934.640	4.216
	Be	9	-0.000057	mg/L	20.67	0.000	1410.818
	B	11	-0.002045	mg/L	775.04	-0.005	22.846
	Na	23	0.034733	mg/L	14844.61	0.009	16.803
	Mg	24	-0.000837	mg/L	596.03	0.000	135.371
	Al	27	-0.000835	mg/L	3478.97	-0.005	66.740
	Si	28	0.017904	mg/L	136613.37	0.050	109.147
	K	39	-0.028681	mg/L	1629160.70	-0.025	1529.534
	Ca	44	-1.069360	mg/L	163392.30	-0.294	12.758
>	Sc	45		mg/L	251747.74	251747.739	5.242
	Ti	47	-0.005890	mg/L	1556.15	-0.004	12.493
	V	51	0.006594	mg/L	-505.89	0.054	5.544
	Cr	52	-0.001197	mg/L	6996.11	-0.009	34.676
	Mn	55	-0.000269	mg/L	585.36	-0.003	8.940
	Fe	57	-0.009673	mg/L	12223.67	-0.001	185.900
	Ni	58	-0.000060	mg/L	2529.04	-0.002	49.051
	Co	59	0.000019	mg/L	107.00	-0.000	43.958
	Ni	60	-0.000447	mg/L	119.67	-0.003	2.205
	Ni	62	-0.000365	mg/L	105.33	-0.000	8.057
	Cu	63	-0.000232	mg/L	347.34	-0.003	16.763
	Cu	65	-0.000230	mg/L	284.01	-0.001	35.539
	Zn	66	-0.000527	mg/L	1200.76	0.004	61.260
	Zn	68	-0.001754	mg/L	919.39	-0.001	234.989
	Ga	69	-0.001260	mg/L	1081.41	-0.022	1.543
>	Ge	72		mg/L	121114.23	121114.228	3.338
	As	75	0.000614	mg/L	373.01	0.003	3.696
	Se	77	-0.152714	mg/L	520.35	-0.030	1.532
	Se	82	0.001661	mg/L	-62.21	0.000	43.189
	Sr	88	0.000035	mg/L	227.01	0.000	129.792
>	Y	89		mg/L	452661.19	452661.192	3.507
	Mo	95	0.000253	mg/L	139.34	0.000	19.285
	Mo	98	0.000242	mg/L	208.21	0.000	17.933
>	Rh	103		mg/L	423242.59	423242.586	3.263
	Ag	107	0.000024	mg/L	96.33	0.000	6.806
	Ag	109	-0.000017	mg/L	77.33	0.000	77.782
	Cd	111	-0.000109	mg/L	39.00	0.000	132.073
	Cd	114	-0.000019	mg/L	85.68	0.000	41.498
>	In	115		mg/L	483303.44	483303.440	5.264
	Sn	118	-0.000076	mg/L	219.67	-0.000	90.349
	Sn	120	0.000032	mg/L	289.00	-0.000	112.369
	Sb	121	-0.000527	mg/L	188.34	0.000	22.124
	Sb	123	-0.000497	mg/L	142.94	0.000	24.095
	Ba	135	0.000030	mg/L	67.00	0.000	46.678

	Ba	137	-0.000051	mg/L	83.83	0.000	198.187
>	Tb	159		mg/L	641068.33	641068.335	1.791
>	Ho	165		mg/L	643387.03	643387.027	5.551
	Hg	202	-0.003277	mg/L	39.00	-0.000	39.668
	Tl	203	-0.000122	mg/L	106.00	-0.001	1.036
	Tl	205	-0.000118	mg/L	220.34	-0.002	1.244
	Pb	208	-0.000043	mg/L	611.01	0.000	4.393
	Bi	209	-0.000036	mg/L	87.33	-0.000	98.822
	Th	232	0.000149	mg/L	151.34	-0.001	4.020
	U	238	-0.000055	mg/L	50.00	-0.000	77.871

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 11:25:07
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-CCV2.031
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	68212.62	68212.621	4.344
	Be	9	0.037251	mg/L	4918.71	0.072	3.474
	B	11	0.035969	mg/L	5741.87	0.067	8.800
	Na	23	0.395063	mg/L	510078.63	2.032	2.061
	Mg	24	0.387732	mg/L	343060.44	1.399	1.911
	Al	27	0.209932	mg/L	255033.05	1.025	8.060
	Si	28	0.062025	mg/L	157759.75	0.151	38.516
	K	39	0.513689	mg/L	2626913.15	4.237	16.003
	Ca	44	-0.379096	mg/L	197854.61	-0.135	29.317
>	Sc	45		mg/L	244953.74	244953.740	4.896
	Ti	47	0.037840	mg/L	8346.58	0.024	5.573
	V	51	0.046494	mg/L	79305.82	0.380	8.032
	Cr	52	0.043771	mg/L	84469.07	0.310	11.882
	Mn	55	0.041135	mg/L	108682.76	0.439	4.635
	Fe	57	0.204410	mg/L	24000.57	0.048	3.412
	Ni	58	0.039743	mg/L	51778.65	0.401	8.663
	Co	59	0.039183	mg/L	90230.22	0.738	3.217
	Ni	60	0.040894	mg/L	20852.13	0.167	1.649
	Ni	62	0.040752	mg/L	3213.93	0.025	2.338
	Cu	63	0.038840	mg/L	49485.51	0.400	3.929
	Cu	65	0.038031	mg/L	23882.33	0.192	11.568
	Zn	66	0.034045	mg/L	16344.18	0.128	6.563
	Zn	68	0.033712	mg/L	12007.72	0.090	3.334
	Ga	69	0.038873	mg/L	86748.52	0.679	2.079
>	Ge	72		mg/L	122290.87	122290.868	4.895
	As	75	0.039313	mg/L	20679.89	0.169	6.136
	Se	77	-0.010379	mg/L	4060.62	-0.001	356.375
	Se	82	0.038124	mg/L	1313.93	0.003	6.686
	Sr	88	0.039525	mg/L	162540.04	0.340	1.323
>	Y	89		mg/L	477542.19	477542.191	7.095
	Mo	95	0.038813	mg/L	27523.56	0.058	6.147
	Mo	98	0.037258	mg/L	43092.73	0.091	10.720
>	Rh	103		mg/L	418555.57	418555.566	5.094
	Ag	107	0.021714	mg/L	37780.66	0.090	2.303
	Ag	109	0.022175	mg/L	36334.69	0.087	1.310
	Cd	111	0.040665	mg/L	17652.63	0.042	5.539
	Cd	114	0.039851	mg/L	40816.52	0.098	12.182
>	In	115		mg/L	464125.02	464125.015	3.658
	Sn	118	0.041585	mg/L	50502.40	0.108	3.990
	Sn	120	0.045057	mg/L	76013.98	0.163	15.138
	Sb	121	0.041953	mg/L	69521.18	0.150	8.423
	Sb	123	0.041181	mg/L	52692.48	0.113	2.356
	Ba	135	0.036692	mg/L	16417.35	0.024	6.054

	Ba	137	0.037946	mg/L	28880.06	0.043	0.762
>	Tb	159		mg/L	675007.90	675007.903	0.879
>	Ho	165		mg/L	635467.93	635467.931	3.682
	Hg	202	-0.001002	mg/L	45.00	-0.000	59.195
	Tl	203	0.041127	mg/L	65332.63	0.102	1.730
	Tl	205	0.041939	mg/L	158471.43	0.248	6.746
	Pb	208	0.040533	mg/L	217122.54	0.341	1.682
	Bi	209	0.039428	mg/L	181947.54	0.286	3.136
	Th	232	0.039203	mg/L	199391.90	0.313	4.030
	U	238	0.041163	mg/L	208230.65	0.328	6.626

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 11:30:12
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-CCB2.032
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	65240.06	65240.058	3.122
	Be	9	-0.000103	mg/L	15.67	-0.000	82.607
	B	11	-0.002514	mg/L	746.04	-0.006	20.309
	Na	23	0.033682	mg/L	13405.68	0.003	23.648
	Mg	24	-0.000933	mg/L	509.69	0.000	68.622
	Al	27	-0.000485	mg/L	3907.55	-0.003	34.755
	Si	28	-0.022880	mg/L	113662.95	-0.044	23.743
	K	39	0.003356	mg/L	1700622.53	0.227	39.320
	Ca	44	-0.786652	mg/L	180496.79	-0.229	9.880
>	Sc	45		mg/L	252517.48	252517.484	2.396
	Ti	47	-0.002525	mg/L	2103.26	-0.002	19.249
	V	51	0.002196	mg/L	-9610.11	0.018	71.547
	Cr	52	-0.000447	mg/L	8370.60	-0.003	50.089
	Mn	55	-0.000185	mg/L	814.71	-0.002	8.409
	Fe	57	0.002275	mg/L	12970.04	0.002	80.520
	Ni	58	-0.000309	mg/L	2318.32	-0.005	29.427
	Co	59	0.000021	mg/L	116.34	-0.000	162.451
	Ni	60	-0.000376	mg/L	161.00	-0.002	10.077
	Ni	62	-0.000585	mg/L	92.67	-0.000	9.005
	Cu	63	-0.000250	mg/L	338.01	-0.003	2.554
	Cu	65	-0.000242	mg/L	289.01	-0.001	2.851
	Zn	66	-0.001836	mg/L	660.36	-0.000	59.086
	Zn	68	-0.002261	mg/L	794.71	-0.002	20.477
	Ga	69	-0.000538	mg/L	2720.10	-0.009	19.069
>	Ge	72		mg/L	126292.37	126292.366	2.128
	As	75	-0.000022	mg/L	44.92	0.000	877.457
	Se	77	-0.034257	mg/L	3593.08	-0.006	4.959
	Se	82	0.001564	mg/L	-67.99	0.000	89.892
	Sr	88	0.000042	mg/L	264.67	0.000	62.038
>	Y	89		mg/L	469782.69	469782.687	1.593
	Mo	95	0.000571	mg/L	366.68	0.001	8.833
	Mo	98	0.000538	mg/L	554.85	0.001	15.013
>	Rh	103		mg/L	417839.32	417839.317	6.620
	Ag	107	0.000037	mg/L	118.00	0.000	75.783
	Ag	109	-0.000000	mg/L	103.00	0.000	57.466
	Cd	111	-0.000115	mg/L	35.67	0.000	287.859
	Cd	114	-0.000022	mg/L	81.59	0.000	166.414
>	In	115		mg/L	487205.36	487205.362	3.576
	Sn	118	0.000041	mg/L	370.01	0.000	70.806
	Sn	120	0.000092	mg/L	402.01	0.000	1563.828
	Sb	121	0.002298	mg/L	5045.13	0.010	8.023
	Sb	123	0.002294	mg/L	3847.21	0.008	9.417
	Ba	135	0.000014	mg/L	63.67	0.000	141.965

	Ba	137	-0.000053	mg/L	86.81	0.000	82.874
>	Tb	159		mg/L	677497.65	677497.646	5.650
>	Ho	165		mg/L	652169.90	652169.900	4.170
	Hg	202	-0.001470	mg/L	44.67	-0.000	174.176
	Tl	203	-0.000114	mg/L	120.00	-0.001	4.208
	Tl	205	-0.000120	mg/L	216.34	-0.002	2.782
	Pb	208	-0.000081	mg/L	411.01	0.000	88.820
	Bi	209	0.000019	mg/L	349.34	0.000	47.143
	Th	232	0.000987	mg/L	4532.19	0.006	18.082
	U	238	-0.000049	mg/L	84.00	0.000	52.748

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0917-05
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 11:35:16
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\11C0917-05.033
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 31

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	76242.50	76242.496	1.163
	Be	9	-0.000024	mg/L	30.00	0.000	71.542
	B	11	0.033453	mg/L	6067.42	0.062	2.332
	Na	23	0.072703	mg/L	80082.78	0.222	4.252
	Mg	24	1.210501	mg/L	1283885.16	4.362	4.798
	Al	27	0.746101	mg/L	1078036.59	3.645	3.864
	Si	28	1.243539	mg/L	989704.65	2.874	19.733
	K	39	-0.029355	mg/L	1905466.56	-0.030	397.069
	Ca	44	0.324917	mg/L	285457.02	0.027	85.279
>	Sc	45		mg/L	294143.75	294143.752	1.028
	Ti	47	0.009494	mg/L	4710.61	0.006	20.873
	V	51	0.013441	mg/L	15912.27	0.110	8.560
	Cr	52	0.027566	mg/L	68053.31	0.195	4.190
	Mn	55	0.017245	mg/L	55654.96	0.184	5.542
	Fe	57	1.116653	mg/L	90758.74	0.259	1.116
	Ni	58	0.010353	mg/L	17264.92	0.103	14.228
	Co	59	0.000406	mg/L	1115.75	0.007	14.072
	Ni	60	0.002028	mg/L	1527.14	0.008	1.276
	Ni	62	0.002074	mg/L	326.01	0.001	2.506
	Cu	63	0.109863	mg/L	155601.64	1.131	4.257
	Cu	65	0.109301	mg/L	76110.07	0.553	7.502
	Zn	66	1.635558	mg/L	801974.29	5.872	12.400
	Zn	68	1.610983	mg/L	563862.66	4.122	11.075
	Ga	69	-0.000511	mg/L	3013.53	-0.008	18.945
>	Ge	72		mg/L	137166.29	137166.292	6.531
	As	75	0.000629	mg/L	424.80	0.003	35.931
	Se	77	-0.113926	mg/L	1671.84	-0.022	5.308
	Se	82	0.002316	mg/L	-46.07	0.000	23.779
	Sr	88	0.002845	mg/L	13063.85	0.024	6.669
>	Y	89		mg/L	530197.87	530197.866	6.124
	Mo	95	0.003275	mg/L	2551.38	0.005	1.713
	Mo	98	0.003223	mg/L	4090.14	0.008	4.289
>	Rh	103		mg/L	509102.38	509102.383	4.074
	Ag	107	0.004909	mg/L	10417.74	0.020	5.150
	Ag	109	0.004901	mg/L	9828.44	0.019	13.092
	Cd	111	0.006730	mg/L	3637.43	0.007	9.841
	Cd	114	0.006688	mg/L	8459.00	0.016	5.639
>	In	115		mg/L	568286.56	568286.556	3.966
	Sn	118	0.000578	mg/L	1225.09	0.002	2.792
	Sn	120	0.000679	mg/L	1681.79	0.002	6.149
	Sb	121	0.000629	mg/L	2525.72	0.004	20.880
	Sb	123	0.000647	mg/L	1926.41	0.003	22.716
	Ba	135	0.006636	mg/L	3376.00	0.004	11.734

	Ba	137	0.006754	mg/L	5869.50	0.008	12.263
>	Tb	159		mg/L	759051.74	759051.737	5.972
>	Ho	165		mg/L	751758.69	751758.685	2.679
	Hg	202	0.004803	mg/L	73.00	0.000	54.051
	Tl	203	-0.000051	mg/L	256.67	-0.001	3.464
	Tl	205	-0.000050	mg/L	562.02	-0.002	0.540
	Pb	208	0.017254	mg/L	109940.99	0.146	2.053
	Bi	209	0.000368	mg/L	2299.31	0.003	3.713
	Th	232	0.001567	mg/L	8708.01	0.010	22.630
	U	238	-0.000022	mg/L	258.01	0.000	3.407

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 11:40:21
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\RINSE.034
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	65576.44	65576.436	5.378
	Be	9	-0.000066	mg/L	20.33	-0.000	878.330
	B	11	-0.002845	mg/L	709.37	-0.006	10.614
	Na	23	0.034134	mg/L	14094.75	0.005	25.957
	Mg	24	-0.000833	mg/L	604.03	0.000	97.612
	Al	27	-0.001034	mg/L	3242.61	-0.006	6.765
	Si	28	0.004933	mg/L	130184.58	0.020	141.646
	K	39	0.002585	mg/L	1702697.66	0.221	131.849
	Ca	44	-1.078690	mg/L	164020.04	-0.296	6.546
>	Sc	45		mg/L	253266.74	253266.736	3.717
	Ti	47	-0.005517	mg/L	1626.16	-0.004	10.611
	V	51	0.006891	mg/L	102.24	0.056	9.076
	Cr	52	-0.001411	mg/L	6672.52	-0.010	16.243
	Mn	55	-0.000277	mg/L	565.69	-0.003	2.703
	Fe	57	-0.003237	mg/L	12684.30	0.000	481.595
	Ni	58	-0.000292	mg/L	2332.66	-0.005	32.870
	Co	59	0.000025	mg/L	124.34	-0.000	840.538
	Ni	60	-0.000424	mg/L	136.34	-0.002	1.850
	Ni	62	-0.000402	mg/L	107.00	-0.000	27.265
	Cu	63	-0.000276	mg/L	304.01	-0.003	7.379
	Cu	65	-0.000246	mg/L	285.01	-0.001	17.512
	Zn	66	-0.001492	mg/L	812.38	0.001	89.036
	Zn	68	-0.002502	mg/L	713.70	-0.003	26.455
	Ga	69	-0.001171	mg/L	1318.78	-0.020	5.788
>	Ge	72		mg/L	126105.04	126105.037	5.675
	As	75	0.000310	mg/L	223.28	0.002	28.313
	Se	77	-0.149007	mg/L	635.70	-0.029	2.492
	Se	82	0.001381	mg/L	-78.32	0.000	98.269
	Sr	88	0.000033	mg/L	231.34	-0.000	33.163
>	Y	89		mg/L	481891.87	481891.868	6.087
	Mo	95	0.000229	mg/L	130.67	0.000	28.675
	Mo	98	0.000217	mg/L	191.58	0.000	34.997
>	Rh	103		mg/L	435644.81	435644.815	1.552
	Ag	107	0.000044	mg/L	135.34	0.000	70.655
	Ag	109	0.000006	mg/L	117.67	0.000	55.342
	Cd	111	-0.000118	mg/L	36.00	-0.000	348.831
	Cd	114	-0.000024	mg/L	83.68	0.000	133.706
>	In	115		mg/L	479881.77	479881.771	4.546
	Sn	118	-0.000065	mg/L	232.01	-0.000	105.556
	Sn	120	0.000018	mg/L	265.98	-0.000	24.121
	Sb	121	-0.000416	mg/L	376.01	0.001	14.056
	Sb	123	-0.000366	mg/L	312.82	0.000	23.126
	Ba	135	-0.000002	mg/L	55.67	-0.000	202.318

	Ba	137	-0.000047	mg/L	89.81	0.000	169.621
>	Tb	159		mg/L	669477.82	669477.818	2.576
>	Ho	165		mg/L	644979.32	644979.316	3.379
	Hg	202	-0.002157	mg/L	42.33	-0.000	25.983
	Tl	203	-0.000122	mg/L	107.00	-0.001	1.822
	Tl	205	-0.000121	mg/L	211.67	-0.002	1.706
	Pb	208	-0.000056	mg/L	543.01	0.000	6.956
	Bi	209	-0.000038	mg/L	75.67	-0.000	11.417
	Th	232	0.000163	mg/L	225.34	-0.001	1.792
	U	238	-0.000054	mg/L	55.67	-0.000	8389.181

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 11:45:26
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-CCV3.035
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	67650.72	67650.715	5.982
	Be	9	0.038386	mg/L	5018.44	0.074	6.149
	B	11	0.036323	mg/L	5728.53	0.068	13.158
	Na	23	0.389832	mg/L	521668.34	2.002	1.658
	Mg	24	0.383590	mg/L	351399.52	1.385	5.388
	Al	27	0.200770	mg/L	252775.45	0.980	9.547
	Si	28	0.037046	mg/L	148803.60	0.094	64.500
	K	39	0.513800	mg/L	2722720.51	4.238	15.375
	Ca	44	-0.491382	mg/L	198328.30	-0.161	33.238
>	Sc	45		mg/L	253971.71	253971.714	6.117
	Ti	47	0.036803	mg/L	8470.36	0.023	10.852
	V	51	0.044689	mg/L	78312.05	0.366	11.986
	Cr	52	0.041226	mg/L	82863.42	0.291	15.148
	Mn	55	0.040518	mg/L	111097.87	0.433	1.359
	Fe	57	0.215341	mg/L	25513.37	0.051	4.632
	Ni	58	0.039940	mg/L	52903.12	0.403	5.643
	Co	59	0.039065	mg/L	91425.50	0.735	2.116
	Ni	60	0.039944	mg/L	20685.74	0.163	2.444
	Ni	62	0.040821	mg/L	3266.95	0.025	2.854
	Cu	63	0.039399	mg/L	50944.71	0.405	7.068
	Cu	65	0.039285	mg/L	25075.23	0.199	9.592
	Zn	66	0.035062	mg/L	17068.85	0.132	4.141
	Zn	68	0.032927	mg/L	11950.98	0.088	2.772
	Ga	69	0.037912	mg/L	86004.43	0.662	4.675
>	Ge	72		mg/L	124131.30	124131.301	2.489
	As	75	0.040130	mg/L	21425.76	0.173	4.829
	Se	77	0.002666	mg/L	4458.81	0.001	243.082
	Se	82	0.040562	mg/L	1375.92	0.003	8.193
	Sr	88	0.039527	mg/L	158931.08	0.340	1.321
>	Y	89		mg/L	466744.14	466744.142	3.979
	Mo	95	0.040322	mg/L	27971.96	0.060	7.538
	Mo	98	0.039580	mg/L	44857.49	0.096	10.532
>	Rh	103		mg/L	418373.85	418373.846	2.088
	Ag	107	0.021052	mg/L	36591.24	0.087	1.056
	Ag	109	0.021893	mg/L	35840.22	0.086	1.906
	Cd	111	0.041574	mg/L	18058.11	0.043	5.508
	Cd	114	0.041800	mg/L	42912.44	0.103	9.260
>	In	115		mg/L	488037.01	488037.010	4.092
	Sn	118	0.040208	mg/L	51305.65	0.105	7.353
	Sn	120	0.039896	mg/L	70728.45	0.145	10.488
	Sb	121	0.039602	mg/L	68956.04	0.141	10.405
	Sb	123	0.040986	mg/L	55131.77	0.113	4.283
	Ba	135	0.039011	mg/L	16998.40	0.026	5.684

	Ba	137	0.039301	mg/L	29139.25	0.044	1.644
>	Tb	159		mg/L	657787.58	657787.576	1.635
>	Ho	165		mg/L	656751.52	656751.520	5.131
	Hg	202	0.001066	mg/L	52.33	0.000	472.923
	Tl	203	0.040291	mg/L	66067.87	0.100	5.094
	Tl	205	0.039931	mg/L	155643.00	0.236	11.115
	Pb	208	0.040127	mg/L	221856.97	0.338	4.946
	Bi	209	0.040284	mg/L	192008.72	0.292	3.035
	Th	232	0.038978	mg/L	204634.27	0.311	4.552
	U	238	0.039532	mg/L	206321.09	0.315	10.058

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 11:50:31
Sample File: C:\Elandata\Sample\110322A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322A_PBK\SEQ-CCB3.036
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	67588.68	67588.684	1.147
	Be	9	-0.000057	mg/L	22.33	0.000	823.822
	B	11	-0.003102	mg/L	698.70	-0.007	11.530
	Na	23	0.034210	mg/L	13940.21	0.006	102.607
	Mg	24	-0.000921	mg/L	513.02	0.000	35.665
	Al	27	-0.000383	mg/L	3975.58	-0.003	44.422
	Si	28	-0.023093	mg/L	111894.47	-0.045	52.063
	K	39	0.049750	mg/L	1766825.25	0.591	48.578
	Ca	44	-0.761251	mg/L	179401.34	-0.223	11.626
>	Sc	45		mg/L	249031.81	249031.813	3.396
	Ti	47	-0.002095	mg/L	2142.61	-0.002	14.966
	V	51	0.001265	mg/L	-11409.90	0.010	146.251
	Cr	52	-0.000117	mg/L	8832.38	-0.001	170.338
	Mn	55	-0.000157	mg/L	876.38	-0.002	12.284
	Fe	57	0.015378	mg/L	13538.21	0.005	42.805
	Ni	58	-0.000184	mg/L	2400.01	-0.004	23.602
	Co	59	0.000027	mg/L	127.00	0.000	215.121
	Ni	60	-0.000418	mg/L	134.67	-0.002	6.282
	Ni	62	-0.000496	mg/L	96.33	-0.000	6.930
	Cu	63	-0.000258	mg/L	317.01	-0.003	7.993
	Cu	65	-0.000232	mg/L	285.67	-0.001	8.060
	Zn	66	-0.001782	mg/L	662.36	-0.000	141.988
	Zn	68	-0.002152	mg/L	802.38	-0.002	26.674
	Ga	69	-0.000507	mg/L	2697.10	-0.008	28.103
>	Ge	72		mg/L	122267.82	122267.818	3.182
	As	75	-0.000549	mg/L	-231.00	-0.002	57.689
	Se	77	-0.017013	mg/L	3907.88	-0.003	68.693
	Se	82	0.001408	mg/L	-74.39	0.000	46.981
	Sr	88	0.000048	mg/L	287.67	0.000	24.525
>	Y	89		mg/L	471732.31	471732.306	2.203
	Mo	95	0.000506	mg/L	323.68	0.001	20.350
	Mo	98	0.000507	mg/L	523.00	0.001	10.786
>	Rh	103		mg/L	438572.89	438572.886	6.135
	Ag	107	0.000031	mg/L	112.67	0.000	37.482
	Ag	109	-0.000001	mg/L	107.34	0.000	7.054
	Cd	111	-0.000120	mg/L	35.00	-0.000	313.826
	Cd	114	-0.000036	mg/L	71.13	-0.000	115.553
>	In	115		mg/L	487420.72	487420.716	1.970
	Sn	118	-0.000023	mg/L	288.67	0.000	188.766
	Sn	120	0.000104	mg/L	425.00	0.000	254.297
	Sb	121	0.002194	mg/L	4867.70	0.010	12.947
	Sb	123	0.002204	mg/L	3724.08	0.007	12.405
	Ba	135	0.000011	mg/L	61.67	0.000	112.975

	Ba	137	-0.000042	mg/L	94.13	0.000	92.422
>	Tb	159		mg/L	669374.87	669374.873	5.014
>	Ho	165		mg/L	654761.28	654761.276	4.069
	Hg	202	-0.001482	mg/L	45.00	-0.000	182.319
	Tl	203	-0.000123	mg/L	106.34	-0.001	0.490
	Tl	205	-0.000125	mg/L	200.00	-0.002	1.096
	Pb	208	-0.000086	mg/L	386.01	-0.000	147.309
	Bi	209	0.000027	mg/L	382.68	0.000	40.239
	Th	232	0.001012	mg/L	4680.60	0.006	19.526
	U	238	-0.000047	mg/L	92.33	0.000	56.596

Dataset Report

User Name: Elan 9000
Computer Name: D4463YH1
Dataset File Path: C:\Elandata\Dataset\110322A_PBK\
Report Date/Time: Tuesday, March 22, 2011 12:16:28

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	Blank	08:42:55 Tue 22-Mar-11	Blank	C:\Elandata\Dataset\110322A_PBK\Blank.001	
	Standard 1	08:48:00 Tue 22-Mar-11	Standard #1	C:\Elandata\Dataset\110322A_PBK\Standard 1.002	
	Standard 2	08:53:06 Tue 22-Mar-11	Standard #2	C:\Elandata\Dataset\110322A_PBK\Standard 2.003	
	Standard 3	08:58:13 Tue 22-Mar-11	Standard #3	C:\Elandata\Dataset\110322A_PBK\Standard 3.004	
	Standard 4	09:03:20 Tue 22-Mar-11	Standard #4	C:\Elandata\Dataset\110322A_PBK\Standard 4.005	
	Standard 5	09:08:28 Tue 22-Mar-11	Standard #5	C:\Elandata\Dataset\110322A_PBK\Standard 5.006	
	SEQ-ICV1	09:13:34 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-ICV1.007	
	SEQ-ICV2	09:24:58 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-ICV2.008	
	SEQ-ICB1	09:33:06 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-ICB1.009	
	SEQ-LCV1	09:38:10 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-LCV1.010	
	SEQ-LCV2	09:43:17 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-LCV2.011	
	SEQ-SCV1	09:48:23 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-SCV1.012	
	SEQ-HCV1	09:53:28 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-HCV1.013	
	SEQ-IFA1	09:58:33 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-IFA1.014	
	SEQ-IFB1	10:03:39 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-IFB1.015	
	SEQ-ICV2	10:08:45 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-ICV2.016	
	RINSE	10:13:51 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\RINSE.017	
	SEQ-CCV1	10:18:55 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-CCV1.018	
	SEQ-CCB1	10:24:00 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-CCB1.019	
	1113046-BLK1	10:29:05 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\1113046-BLK1.020	
	1113046BS1	10:34:10 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\1113046BS1.021	
	1113046-BSD1	10:39:17 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\1113046-BSD1.022	
	11C0917-01	10:44:23 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\11C0917-01.023	
	1113046-PS1	10:49:31 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\1113046-PS1.024	
	1113046-PS2	10:54:37 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\1113046-PS2.025	
	1113046-DUP1	10:59:41 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\1113046-DUP1.026	
	11C0917-02	11:04:47 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\11C0917-02.027	
	11C0917-03	11:09:52 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\11C0917-03.028	
	11C0917-04	11:14:58 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\11C0917-04.029	
	RINSE	11:20:03 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\RINSE.030	
	SEQ-CCV2	11:25:07 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-CCV2.031	
	SEQ-CCB2	11:30:12 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-CCB2.032	
	11C0917-05	11:35:16 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\11C0917-05.033	
	RINSE	11:40:21 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\RINSE.034	
	SEQ-CCV3	11:45:26 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-CCV3.035	
	SEQ-CCB3	11:50:31 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322A_PBK\SEQ-CCB3.036	

Method File Name

File Name _dept40_wholelist_is_5std.mth
Path C:\Elandata\Method_dept40_wholelist_is_5std.mth

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001926	0.000	0.999997
B	11.009	Simple Linear	0.001894	-0.001	0.999941
Na	22.990	Simple Linear	0.005615	-0.186	0.999960
Mg	23.985	Simple Linear	0.003600	0.003	0.999966
Al	26.982	Simple Linear	0.004887	-0.001	0.999955
Si	27.977	Simple Linear	0.002304	0.008	0.966024
K	38.964	Simple Linear	0.007858	0.200	0.999950
Ca	43.956	Simple Linear	0.000230	-0.048	0.999647
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000639	-0.000	0.999984
V	50.944	Simple Linear	0.008188	-0.000	0.999972
Cr	51.941	Simple Linear	0.007075	-0.000	0.999993
Mn	54.938	Simple Linear	0.010674	0.000	0.999999
Fe	56.935	Simple Linear	0.000231	0.001	0.998879
Ni	57.935	Simple Linear	0.010141	-0.002	0.999991
Co	58.933	Simple Linear	0.018837	-0.000	0.999997
Ni	59.933	Simple Linear	0.004101	-0.001	0.999998
Ni	61.928	Simple Linear	0.000618	-0.000	0.999999
Cu	62.930	Simple Linear	0.010296	-0.000	0.999989
Cu	64.928	Simple Linear	0.005061	-0.000	0.999984
Zn	65.926	Simple Linear	0.003587	0.006	0.999801
Zn	67.925	Simple Linear	0.002556	0.004	0.999848
Ga	68.926	Simple Linear	0.017453	0.000	0.999999
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.004293	0.000	0.999985
Se	76.920	Simple Linear	0.000204	0.001	0.988499
Se	81.917	Simple Linear	0.000079	-0.000	0.999972
Sr	87.906	Simple Linear	0.008612	-0.000	0.999989
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001491	-0.000	0.999996
Mo	97.906	Simple Linear	0.002438	-0.000	0.999996
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.004148	-0.000	1.000000
Ag	108.905	Simple Linear	0.003902	0.000	1.000000
Cd	110.904	Simple Linear	0.001034	0.000	0.999997
Cd	113.904	Simple Linear	0.002451	0.000	0.999995
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002603	0.000	0.999999
Sn	119.902	Simple Linear	0.003631	-0.000	0.999998
Sb	120.904	Simple Linear	0.003520	0.002	0.999937
Sb	122.904	Simple Linear	0.002717	0.001	0.999936
Ba	134.906	Simple Linear	0.000661	-0.000	0.999997
Ba	136.905	Simple Linear	0.001123	0.000	1.000000
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000005	-0.000	0.988209

Tl	202.972	Simple Linear	0.002489	-0.000	0.999995
Tl	204.975	Simple Linear	0.005931	-0.001	0.999994
Pb	207.977	Simple Linear	0.008400	0.001	1.000000
Bi	208.980	Simple Linear	0.007247	0.000	1.000000
Th	232.038	Simple Linear	0.008031	-0.002	0.999997
U	238.050	Simple Linear	0.007961	0.000	0.999996

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C2303 **Matrix:** Water **Department:** Metals **Instrument:** PE ELAN 9000

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Tuesday, March 22, 2011 13:40:27
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.174
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	32247.2	32247.192	865.076	2.7
	Rh	102.9	155576.0	155576.020	2924.299	1.9
	In	114.9	180556.7	180556.675	4142.628	2.3
	Pb	208.0	102993.3	102993.297	1502.210	1.5
	U	238.1	180977.7	180977.741	3124.038	1.7
⌈>	Ba	137.9	167449.7	167449.674	3242.677	1.9
⌊	Ba++	69.0	10108.2	0.060	0.006	10.4
⌈>	Ce	139.9	208998.6	208998.633	3467.769	1.7
⌊	CeO	155.9	4563.6	0.022	0.000	0.6
	Bkgd	220.0	29.8	29.767	3.038	10.2

Current Optimization File Data

Current Value	Description
0.78	Nebulizer Gas Flow
6.50	Lens Voltage
1350.00	ICP RF Power
-1900.00	Analog Stage Voltage
900.00	Pulse Stage Voltage
27.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.3	3656.4
Co	59	17	5.8	60209.4
In	115	17	6.5	142836.7

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	12.076	2770	2018	0.838	
Mg	23.985	24.029	5657	2012	0.846	
Fe	56.935	57.001	13682	2010		
Rh	102.905	102.929	24863	2008	0.751	
Ce	139.905	139.928	33856	2007	0.737	
Pb	207.977	208.028	50431	1998	0.733	
U	238.050	238.028	57728	2008	0.686	

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	11.924	2752	2019	0.834	
Mg	23.985	23.979	5655	2011	0.844	
Fe	56.935	57.002	13698	1980		
Rh	102.905	102.879	24856	2008	0.760	
Ce	139.905	139.928	33861	2007	0.735	
Pb	207.977	207.979	50431	1999	0.728	
U	238.050	238.076	57734	2008	0.697	

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Tuesday, March 22, 2011 14:48:57
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.175
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	45912.5	45912.536	727.608	1.6
	Rh	102.9	264012.8	264012.828	2998.998	1.1
	In	114.9	317890.6	317890.647	6236.494	2.0
	Pb	208.0	181772.2	181772.227	1888.988	1.0
	U	238.1	337841.6	337841.596	2082.021	0.6
⎡>	Ba	137.9	301316.3	301316.341	4602.818	1.5
⎣	Ba++	69.0	14604.0	0.048	0.000	0.8
⎡>	Ce	139.9	366444.1	366444.084	4178.873	1.1
⎣	CeO	155.9	7291.0	0.020	0.000	0.8
	Bkgd	220.0	38.5	38.500	1.577	4.1

Current Optimization File Data

Current Value	Description
0.78	Nebulizer Gas Flow
5.75	Lens Voltage
1350.00	ICP RF Power
-1937.50	Analog Stage Voltage
950.00	Pulse Stage Voltage
27.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	11	5.0	6208.8
Co	59	11	5.3	144527.1
In	115	11	6.3	336942.9

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 14:57:53
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Blank.001
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	95280.09		
	Be	9		mg/L	23.33		
	B	11		mg/L	1089.08		
	Na	23		mg/L	20699.17		
	Mg	24		mg/L	1010.07		
	Al	27		mg/L	9342.56		
	Si	28		mg/L	168828.12		
	K	39		mg/L	2061988.85		
	Ca	44		mg/L	233415.11		
>	Sc	45		mg/L	500044.30		
	Ti	47		mg/L	3510.38		
	V	51		mg/L	-29258.82		
	Cr	52		mg/L	13934.16		
	Mn	55		mg/L	1574.82		
	Fe	57		mg/L	14476.33		
	Ni	58		mg/L	3569.40		
	Co	59		mg/L	230.67		
	Ni	60		mg/L	241.34		
	Ni	62		mg/L	168.34		
	Cu	63		mg/L	576.36		
	Cu	65		mg/L	392.35		
	Zn	66		mg/L	1463.13		
	Zn	68		mg/L	1807.86		
	Ga	69		mg/L	5560.76		
>	Ge	72		mg/L	246432.02		
	As	75		mg/L	428.45		
	Se	77		mg/L	6141.47		
	Se	82		mg/L	88.07		
	Sr	88		mg/L	557.36		
>	Y	89		mg/L	953812.01		
	Mo	95		mg/L	158.00		
	Mo	98		mg/L	238.40		
>	Rh	103		mg/L	869606.27		
	Ag	107		mg/L	250.67		
	Ag	109		mg/L	212.00		
	Cd	111		mg/L	53.33		
	Cd	114		mg/L	124.59		
>	In	115		mg/L	1043954.48		
	Sn	118		mg/L	431.01		
	Sn	120		mg/L	601.02		
	Sb	121		mg/L	1590.49		
	Sb	123		mg/L	1239.03		
	Ba	135		mg/L	119.34		

	Ba	137	mg/L	173.70
>	Tb	159	mg/L	1362256.21
>	Ho	165	mg/L	1318655.82
	Hg	202	mg/L	72.33
	Tl	203	mg/L	705.03
	Tl	205	mg/L	1639.83
	Pb	208	mg/L	760.69
	Bi	209	mg/L	234.67
	Th	232	mg/L	2889.49
	U	238	mg/L	96.33

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:02:58
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 1.002
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	97336.74	97336.741	1.872
	Be	9		mg/L	127.00	0.001	9.085
	B	11		mg/L	1156.75	0.000	64.582
	Na	23		mg/L	150970.57	0.269	3.513
	Mg	24		mg/L	4076.96	0.006	7.160
	Al	27		mg/L	17223.50	0.017	37.123
	Si	28		mg/L	175713.62	0.023	31.849
	K	39		mg/L	2256012.33	0.510	20.487
	Ca	44		mg/L	240108.69	0.026	22.210
>	Sc	45		mg/L	486967.50	486967.501	1.160
	Ti	47		mg/L	3613.09	0.000	14.372
	V	51		mg/L	-26632.34	0.004	90.163
	Cr	52		mg/L	15397.18	0.004	10.710
	Mn	55		mg/L	4728.28	0.007	5.971
	Fe	57		mg/L	14218.92	0.000	126.211
	Ni	58		mg/L	5004.09	0.006	15.925
	Co	59		mg/L	2740.44	0.010	7.444
	Ni	60		mg/L	843.05	0.002	5.975
	Ni	62		mg/L	249.34	0.000	25.024
	Cu	63		mg/L	2042.92	0.006	4.545
	Cu	65		mg/L	1127.41	0.003	9.400
	Zn	66		mg/L	6809.29	0.022	10.461
	Zn	68		mg/L	5495.73	0.015	17.427
	Ga	69		mg/L	7494.50	0.008	12.613
>	Ge	72		mg/L	242244.83	242244.829	2.201
	As	75		mg/L	762.05	0.001	61.590
	Se	77		mg/L	5970.02	-0.000	335.065
	Se	82		mg/L	97.16	0.000	96.203
	Sr	88		mg/L	5640.14	0.005	6.372
>	Y	89		mg/L	930151.47	930151.470	3.380
	Mo	95		mg/L	816.38	0.001	6.317
	Mo	98		mg/L	1181.60	0.001	3.830
>	Rh	103		mg/L	883761.96	883761.963	7.060
	Ag	107		mg/L	1909.22	0.002	2.607
	Ag	109		mg/L	1787.53	0.002	14.479
	Cd	111		mg/L	519.35	0.001	14.023
	Cd	114		mg/L	1265.86	0.001	15.460
>	In	115		mg/L	1030315.02	1030315.024	1.491
	Sn	118		mg/L	1709.51	0.001	4.310
	Sn	120		mg/L	2307.53	0.002	8.193
	Sb	121		mg/L	3183.92	0.002	4.543
	Sb	123		mg/L	2458.49	0.001	4.716
	Ba	135		mg/L	629.03	0.000	8.651

	Ba	137	mg/L	1061.94	0.001	16.653
>	Tb	159	mg/L	1299961.37	1299961.370	5.878
>	Ho	165	mg/L	1281631.43	1281631.432	3.383
	Hg	202	mg/L	68.67	-0.000	653.769
	Tl	203	mg/L	2157.28	0.001	9.448
	Tl	205	mg/L	5090.14	0.003	4.593
	Pb	208	mg/L	7151.85	0.005	0.463
	Bi	209	mg/L	4901.04	0.004	2.958
	Th	232	mg/L	4080.63	0.001	34.023
	U	238	mg/L	5882.97	0.005	8.688

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:08:05
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 2.003
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	96569.94	96569.936	1.741
	Be	9	0.001000	mg/L	205.34	0.002	4.346
	B	11	0.001000	mg/L	1218.76	0.001	27.531
	Na	23	0.100000	mg/L	247920.24	0.458	2.498
	Mg	24	0.001000	mg/L	4452.80	0.007	4.563
	Al	27	0.001000	mg/L	15464.63	0.012	5.192
	Si	28	0.001000	mg/L	177795.94	0.021	34.454
	K	39	0.100000	mg/L	2449903.76	0.817	14.352
	Ca	44	0.100000	mg/L	239829.39	0.017	34.174
>	Sc	45		mg/L	496021.01	496021.007	1.351
	Ti	47	0.001000	mg/L	3660.77	0.000	25.768
	V	51	0.001000	mg/L	-24504.38	0.009	61.788
	Cr	52	0.001000	mg/L	17003.40	0.006	22.199
	Mn	55	0.001000	mg/L	7033.79	0.011	5.793
	Fe	57	0.001000	mg/L	14845.27	0.001	93.587
	Ni	58	0.001000	mg/L	6194.84	0.011	23.096
	Co	59	0.001000	mg/L	4933.72	0.019	8.910
	Ni	60	0.001000	mg/L	2103.00	0.008	76.953
	Ni	62	0.001000	mg/L	322.34	0.001	24.079
	Cu	63	0.001000	mg/L	3288.29	0.011	3.384
	Cu	65	0.001000	mg/L	1787.53	0.006	8.526
	Zn	66		mg/L	4902.71	0.014	12.531
	Zn	68	0.001000	mg/L	4066.62	0.009	11.835
	Ga	69	0.001000	mg/L	9160.37	0.015	13.976
>	Ge	72		mg/L	246783.17	246783.173	5.430
	As	75	0.001000	mg/L	1337.81	0.004	45.462
	Se	77	0.001000	mg/L	5933.33	-0.001	210.925
	Se	82	0.001000	mg/L	95.34	0.000	440.580
	Sr	88	0.001000	mg/L	9080.29	0.009	5.908
>	Y	89		mg/L	945960.53	945960.533	8.219
	Mo	95	0.001000	mg/L	1412.79	0.001	8.049
	Mo	98	0.001000	mg/L	2295.75	0.002	11.501
>	Rh	103		mg/L	882152.48	882152.479	4.229
	Ag	107	0.001000	mg/L	3694.79	0.004	4.901
	Ag	109	0.001000	mg/L	3426.35	0.004	9.332
	Cd	111	0.001000	mg/L	927.72	0.001	7.642
	Cd	114	0.001000	mg/L	2265.01	0.002	4.439
>	In	115		mg/L	1058144.39	1058144.387	4.853
	Sn	118	0.001000	mg/L	2886.15	0.002	2.852
	Sn	120	0.001000	mg/L	3922.40	0.003	7.001
	Sb	121	0.001000	mg/L	4935.39	0.003	11.651
	Sb	123	0.001000	mg/L	3906.76	0.003	13.735
	Ba	135	0.001000	mg/L	1071.74	0.001	9.050

	Ba	137	0.001000	mg/L	1751.46	0.001	12.886
>	Tb	159		mg/L	1315399.77	1315399.774	4.107
>	Ho	165		mg/L	1302893.89	1302893.893	1.712
	Hg	202	0.000020	mg/L	71.00	-0.000	1269.149
	Tl	203	0.001000	mg/L	3628.43	0.002	2.698
	Tl	205	0.001000	mg/L	8521.08	0.005	2.396
	Pb	208	0.001000	mg/L	12287.40	0.009	3.008
	Bi	209	0.001000	mg/L	9615.52	0.007	4.682
	Th	232	0.001000	mg/L	7078.83	0.003	10.815
	U	238	0.001000	mg/L	11191.33	0.009	2.156

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:13:11
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 3.004
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	96630.25	96630.252	1.847
	Be	9	0.005002	mg/L	888.39	0.009	0.321
	B	11	0.005000	mg/L	1803.20	0.007	23.415
	Na	23	0.500063	mg/L	1027742.35	2.011	1.455
	Mg	24	0.005013	mg/L	8895.11	0.016	7.937
	Al	27	0.005200	mg/L	19886.32	0.021	16.737
	Si	28	0.005323	mg/L	180985.55	0.024	91.732
	K	39	0.500403	mg/L	3910253.41	3.688	5.371
	Ca	44	0.506172	mg/L	282228.99	0.097	15.370
>	Sc	45		mg/L	500838.18	500838.184	3.380
	Ti	47	0.005034	mg/L	4859.01	0.003	14.389
	V	51	0.004996	mg/L	-6409.53	0.046	28.161
	Cr	52	0.005007	mg/L	31706.19	0.036	8.502
	Mn	55	0.005003	mg/L	27234.04	0.051	1.018
	Fe	57	0.004053	mg/L	14864.96	0.001	52.321
	Ni	58	0.005003	mg/L	15995.24	0.051	6.205
	Co	59	0.005002	mg/L	23249.62	0.095	4.936
	Ni	60	0.004950	mg/L	5398.99	0.021	6.850
	Ni	62	0.005002	mg/L	921.72	0.003	4.568
	Cu	63	0.004999	mg/L	12454.66	0.049	3.956
	Cu	65	0.004996	mg/L	6241.54	0.024	4.107
	Zn	66	0.005000	mg/L	6304.58	0.020	3.139
	Zn	68	0.006815	mg/L	5118.83	0.014	8.739
	Ga	69	0.005007	mg/L	25419.10	0.082	4.886
>	Ge	72		mg/L	243306.45	243306.453	0.863
	As	75	0.004995	mg/L	4947.41	0.019	9.285
	Se	77	0.005085	mg/L	6547.76	0.002	77.758
	Se	82	0.005032	mg/L	346.68	0.000	13.111
	Sr	88	0.005004	mg/L	40560.06	0.042	4.552
>	Y	89		mg/L	955337.23	955337.229	2.034
	Mo	95	0.005001	mg/L	6303.92	0.006	5.387
	Mo	98	0.004997	mg/L	10387.66	0.011	4.176
>	Rh	103		mg/L	890909.99	890909.995	3.743
	Ag	107	0.004999	mg/L	17897.79	0.020	1.768
	Ag	109	0.005001	mg/L	17181.73	0.019	6.017
	Cd	111	0.005000	mg/L	4214.36	0.005	10.863
	Cd	114	0.005000	mg/L	10214.63	0.011	9.163
>	In	115		mg/L	1043927.38	1043927.381	0.439
	Sn	118	0.005003	mg/L	12989.10	0.012	6.551
	Sn	120	0.005004	mg/L	17994.30	0.017	6.428
	Sb	121	0.005003	mg/L	19805.42	0.017	1.623
	Sb	123	0.005001	mg/L	15122.59	0.013	4.565
	Ba	135	0.004999	mg/L	4371.09	0.003	6.292

	Ba	137	0.005003	mg/L	7706.99	0.006	8.716
>	Tb	159		mg/L	1310000.24	1310000.244	4.850
>	Ho	165		mg/L	1282787.39	1282787.386	5.418
	Hg	202	0.000510	mg/L	68.67	-0.000	465.815
	Tl	203	0.005005	mg/L	17146.68	0.013	9.807
	Tl	205	0.005005	mg/L	40138.58	0.030	9.319
	Pb	208	0.005002	mg/L	53906.54	0.041	3.385
	Bi	209	0.004999	mg/L	44711.50	0.035	4.695
	Th	232	0.005009	mg/L	39986.78	0.029	12.430
	U	238	0.005001	mg/L	52824.04	0.041	9.013

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:18:19
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 4.005
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	95838.85	95838.854	1.043
	Be	9	0.010020	mg/L	1745.19	0.018	4.638
	B	11	0.010184	mg/L	2707.10	0.017	11.383
	Na	23	1.020469	mg/L	2280206.93	4.532	2.095
	Mg	24	0.010334	mg/L	17062.18	0.032	5.362
	Al	27	0.010876	mg/L	32382.30	0.046	9.330
	Si	28	0.011136	mg/L	187789.55	0.039	22.834
	K	39	1.009701	mg/L	5899972.78	7.708	2.793
	Ca	44	1.028526	mg/L	343248.54	0.222	4.690
>	Sc	45		mg/L	498697.40	498697.396	2.799
	Ti	47	0.010102	mg/L	6354.62	0.006	8.477
	V	51	0.009809	mg/L	11926.77	0.083	19.486
	Cr	52	0.009979	mg/L	48858.26	0.070	8.922
	Mn	55	0.010093	mg/L	55111.23	0.107	3.283
	Fe	57	0.011294	mg/L	16007.91	0.003	23.116
	Ni	58	0.009926	mg/L	27971.94	0.097	5.947
	Co	59	0.009890	mg/L	44433.04	0.176	9.004
	Ni	60	0.009973	mg/L	10294.27	0.040	7.026
	Ni	62	0.009959	mg/L	1684.51	0.006	2.927
	Cu	63	0.010118	mg/L	26706.79	0.104	1.332
	Cu	65	0.010102	mg/L	13079.53	0.050	1.863
	Zn	66	0.010661	mg/L	12876.24	0.045	5.502
	Zn	68	0.011383	mg/L	9573.47	0.031	8.741
	Ga	69	0.009971	mg/L	46187.63	0.161	7.128
>	Ge	72		mg/L	251177.52	251177.519	2.767
	As	75	0.010016	mg/L	9982.03	0.038	6.879
	Se	77	0.009624	mg/L	7191.58	0.004	16.386
	Se	82	0.010018	mg/L	645.07	0.001	4.958
	Sr	88	0.009953	mg/L	77684.11	0.080	4.374
>	Y	89		mg/L	962064.66	962064.663	1.933
	Mo	95	0.010075	mg/L	13082.22	0.013	3.695
	Mo	98	0.010061	mg/L	21520.19	0.022	3.255
>	Rh	103		mg/L	846229.46	846229.462	5.984
	Ag	107	0.010064	mg/L	35259.36	0.041	1.425
	Ag	109	0.010063	mg/L	33884.44	0.040	7.720
	Cd	111	0.010131	mg/L	8599.16	0.010	9.963
	Cd	114	0.010109	mg/L	20507.21	0.024	8.900
>	In	115		mg/L	1039158.04	1039158.038	2.340
	Sn	118	0.009981	mg/L	25126.01	0.024	5.893
	Sn	120	0.009997	mg/L	35225.78	0.033	5.549
	Sb	121	0.010002	mg/L	38158.66	0.035	4.196
	Sb	123	0.010045	mg/L	29848.05	0.028	5.592
	Ba	135	0.009976	mg/L	8660.88	0.006	4.166

	Ba	137	0.009947	mg/L	15083.52	0.011	8.688
>	Tb	159		mg/L	1350584.15	1350584.154	3.992
>	Ho	165		mg/L	1317983.85	1317983.846	3.857
	Hg	202	0.001229	mg/L	76.67	0.000	184.517
	Tl	203	0.009896	mg/L	32732.29	0.024	10.132
	Tl	205	0.009901	mg/L	76787.97	0.057	9.467
	Pb	208	0.010031	mg/L	111167.57	0.084	1.570
	Bi	209	0.009982	mg/L	90398.34	0.068	2.622
	Th	232	0.010204	mg/L	95127.88	0.070	8.053
	U	238	0.009956	mg/L	105046.82	0.080	9.731

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:23:26
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 5.006
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	92649.69	92649.693	6.672
	Be	9	0.100027	mg/L	17244.85	0.186	5.709
	B	11	0.100038	mg/L	17847.36	0.182	10.783
	Na	23	10.000922	mg/L	22497207.42	45.288	2.294
	Mg	24	0.100055	mg/L	150873.16	0.302	4.495
	Al	27	0.100138	mg/L	223325.64	0.432	10.274
	Si	28	0.100158	mg/L	291422.35	0.251	23.327
	K	39	10.001280	mg/L	40398609.34	77.437	7.939
	Ca	44	10.004071	mg/L	1363360.51	2.281	3.561
>	Sc	45		mg/L	496714.24	496714.240	5.587
	Ti	47	0.100019	mg/L	32834.19	0.059	4.734
	V	51	0.099966	mg/L	360776.87	0.788	9.436
	Cr	52	0.099970	mg/L	346518.61	0.672	9.967
	Mn	55	0.099999	mg/L	527659.50	1.060	1.888
	Fe	57	0.099965	mg/L	26813.81	0.025	2.902
	Ni	58	0.100002	mg/L	242874.74	0.965	3.138
	Co	59	0.100013	mg/L	445210.24	1.795	4.503
	Ni	60	0.100024	mg/L	98588.10	0.397	3.658
	Ni	62	0.100013	mg/L	15352.77	0.061	0.806
	Cu	63	0.099998	mg/L	254252.68	1.024	4.579
	Cu	65	0.099986	mg/L	120749.42	0.486	8.222
	Zn	66	0.099957	mg/L	83795.06	0.332	3.735
	Zn	68	0.100105	mg/L	59843.31	0.234	0.891
	Ga	69	0.100005	mg/L	411012.40	1.635	5.161
>	Ge	72		mg/L	247934.60	247934.602	1.308
	As	75	0.099970	mg/L	90974.66	0.365	2.686
	Se	77	0.098601	mg/L	9752.00	0.014	17.080
	Se	82	0.100026	mg/L	6065.28	0.006	2.201
	Sr	88	0.100013	mg/L	761046.45	0.808	4.940
>	Y	89		mg/L	941647.47	941647.471	1.347
	Mo	95	0.100012	mg/L	128412.55	0.136	4.436
	Mo	98	0.100007	mg/L	210793.56	0.224	6.030
>	Rh	103		mg/L	839630.82	839630.821	2.832
	Ag	107	0.099979	mg/L	337521.86	0.402	1.282
	Ag	109	0.099986	mg/L	329151.28	0.392	1.764
	Cd	111	0.100012	mg/L	86185.95	0.103	5.022
	Cd	114	0.100006	mg/L	203203.76	0.242	8.204
>	In	115		mg/L	1031771.58	1031771.578	2.496
	Sn	118	0.099998	mg/L	244904.91	0.237	2.051
	Sn	120	0.099977	mg/L	333223.66	0.323	6.233
	Sb	121	0.099886	mg/L	311387.81	0.301	7.229
	Sb	123	0.099892	mg/L	245123.94	0.237	6.311
	Ba	135	0.100024	mg/L	85709.97	0.065	2.162

	Ba	137	0.100015	mg/L	147975.35	0.112	5.060
>	Tb	159		mg/L	1315659.90	1315659.898	2.016
>	Ho	165		mg/L	1295697.61	1295697.606	4.528
	Hg	202	0.010012	mg/L	129.00	0.000	20.860
	Tl	203	0.100004	mg/L	321337.84	0.248	5.158
	Tl	205	0.100022	mg/L	773611.96	0.598	9.926
	Pb	208	0.100000	mg/L	1075653.51	0.830	3.431
	Bi	209	0.100014	mg/L	903274.49	0.697	2.507
	Th	232	0.100055	mg/L	1029874.79	0.794	6.072
	U	238	0.099990	mg/L	1011416.93	0.783	9.962

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:28:32
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-ICV1.007
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	96238.37	96238.373	4.566
	Be	9	0.038559	mg/L	6923.37	0.072	0.293
	B	11	0.039976	mg/L	8025.29	0.072	6.123
	Na	23	0.391025	mg/L	855433.68	1.721	1.566
	Mg	24	0.392111	mg/L	571616.80	1.175	3.402
	Al	27	0.211895	mg/L	449118.52	0.907	2.671
	Si	28	0.051096	mg/L	229770.22	0.137	20.062
	K	39	0.411240	mg/L	3535006.85	3.173	13.710
	Ca	44	0.446489	mg/L	273932.71	0.098	26.392
>	Sc	45		mg/L	485252.14	485252.135	4.175
	Ti	47	0.040276	mg/L	14923.40	0.024	1.938
	V	51	0.041400	mg/L	130565.86	0.328	4.091
	Cr	52	0.041477	mg/L	148864.92	0.280	9.270
	Mn	55	0.041196	mg/L	213062.57	0.437	6.563
	Fe	57	0.178059	mg/L	35587.59	0.044	4.896
	Ni	58	0.039940	mg/L	100795.83	0.386	10.810
	Co	59	0.038803	mg/L	175635.70	0.697	7.121
	Ni	60	0.040161	mg/L	40636.13	0.160	1.903
	Ni	62	0.039889	mg/L	6336.28	0.024	1.714
	Cu	63	0.037925	mg/L	98489.35	0.388	2.001
	Cu	65	0.038376	mg/L	47456.70	0.187	6.157
	Zn	66	0.033724	mg/L	31189.84	0.118	11.072
	Zn	68	0.034313	mg/L	23343.20	0.085	10.046
	Ga	69	0.040022	mg/L	170290.15	0.654	5.075
>	Ge	72		mg/L	252210.12	252210.117	4.702
	As	75	0.039683	mg/L	37006.96	0.145	4.456
	Se	77	0.010883	mg/L	6794.27	0.002	75.326
	Se	82	0.038935	mg/L	2470.21	0.002	10.180
	Sr	88	0.040597	mg/L	321231.51	0.328	3.807
>	Y	89		mg/L	977564.16	977564.156	5.932
	Mo	95	0.039960	mg/L	53253.94	0.054	1.456
	Mo	98	0.039596	mg/L	86351.51	0.088	8.798
>	Rh	103		mg/L	858533.72	858533.718	4.721
	Ag	107	0.021573	mg/L	74634.53	0.087	5.139
	Ag	109	0.021381	mg/L	71919.37	0.084	8.257
	Cd	111	0.039216	mg/L	34461.91	0.040	7.268
	Cd	114	0.037593	mg/L	78126.49	0.091	3.149
>	In	115		mg/L	1010123.80	1010123.799	6.364
	Sn	118	0.041059	mg/L	98716.89	0.097	1.777
	Sn	120	0.042247	mg/L	138097.96	0.137	7.179
	Sb	121	0.048283	mg/L	148712.38	0.146	10.054
	Sb	123	0.047329	mg/L	114701.80	0.113	8.917
	Ba	135	0.038983	mg/L	33427.12	0.025	9.088

	Ba	137	0.039685	mg/L	58828.49	0.045	7.984
>	Tb	159		mg/L	1317054.70	1317054.699	4.125
>	Ho	165		mg/L	1258695.30	1258695.302	0.286
	Hg	202	0.001191	mg/L	74.00	0.000	202.178
	Tl	203	0.041524	mg/L	130168.04	0.103	3.467
	Tl	205	0.041426	mg/L	312472.50	0.247	1.217
	Pb	208	0.040837	mg/L	427971.26	0.339	3.173
	Bi	209	0.040048	mg/L	351608.62	0.279	5.259
	Th	232	0.042047	mg/L	417699.06	0.330	5.436
	U	238	0.042166	mg/L	416551.56	0.331	1.100

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:33:36
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-ICB1.008
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	93892.99	93892.988	4.591
	Be	9	0.000133	mg/L	25.67	0.000	138.643
	B	11	0.000294	mg/L	1016.40	-0.001	210.405
	Na	23	0.011612	mg/L	20912.93	0.001	47.211
	Mg	24	-0.001041	mg/L	951.39	-0.000	56.095
	Al	27	-0.001370	mg/L	9629.53	0.001	59.617
	Si	28	-0.008194	mg/L	164765.66	-0.002	827.263
	K	39	-0.011491	mg/L	1975210.43	-0.100	92.456
	Ca	44	-0.027583	mg/L	224327.26	-0.010	142.743
>	Sc	45		mg/L	491155.30	491155.304	2.783
	Ti	47	-0.000290	mg/L	3287.96	-0.000	81.501
	V	51	0.001192	mg/L	-22771.92	0.012	60.274
	Cr	52	-0.000741	mg/L	11839.83	-0.004	33.705
	Mn	55	-0.000072	mg/L	1347.11	-0.000	31.610
	Fe	57	-0.008897	mg/L	13257.13	-0.002	19.453
	Ni	58	-0.000234	mg/L	3373.99	-0.001	6.678
	Co	59	-0.000084	mg/L	152.00	-0.000	10.922
	Ni	60	-0.000455	mg/L	191.34	-0.000	31.086
	Ni	62	-0.000092	mg/L	153.67	-0.000	205.740
	Cu	63	-0.000015	mg/L	601.03	0.000	63.110
	Cu	65	-0.000171	mg/L	382.35	-0.000	360.063
	Zn	66	-0.002841	mg/L	1452.46	-0.000	2383.589
	Zn	68	-0.003800	mg/L	1661.84	-0.001	80.077
	Ga	69	-0.000165	mg/L	4670.58	-0.004	1.705
>	Ge	72		mg/L	245284.65	245284.648	1.623
	As	75	0.000193	mg/L	677.44	0.001	128.246
	Se	77	-0.022855	mg/L	5448.36	-0.003	45.301
	Se	82	0.000355	mg/L	66.07	-0.000	88.713
	Sr	88	-0.000104	mg/L	614.36	0.000	113.376
>	Y	89		mg/L	950304.83	950304.831	1.355
	Mo	95	0.000637	mg/L	844.71	0.001	10.086
	Mo	98	0.000577	mg/L	1232.67	0.001	13.403
>	Rh	103		mg/L	857993.84	857993.844	6.723
	Ag	107	-0.000042	mg/L	241.01	-0.000	332.993
	Ag	109	0.000024	mg/L	220.67	0.000	187.429
	Cd	111	0.000142	mg/L	47.00	-0.000	122.917
	Cd	114	0.000083	mg/L	137.02	0.000	71.634
>	In	115		mg/L	1008714.94	1008714.943	1.628
	Sn	118	0.000095	mg/L	708.70	0.000	21.393
	Sn	120	0.000022	mg/L	1036.64	0.000	38.080
	Sb	121	0.002883	mg/L	12170.73	0.011	18.231
	Sb	123	0.002873	mg/L	9402.78	0.008	14.372
	Ba	135	-0.000001	mg/L	114.00	-0.000	885.606

	Ba	137	-0.000043	mg/L	176.34	0.000	302.443
>	Tb	159		mg/L	1324351.98	1324351.976	5.392
>	Ho	165		mg/L	1308523.97	1308523.970	5.615
	Hg	202	0.000109	mg/L	70.33	-0.000	262.857
	Tl	203	-0.000108	mg/L	264.01	-0.000	10.528
	Tl	205	-0.000004	mg/L	529.69	-0.001	5.851
	Pb	208	-0.000068	mg/L	725.02	-0.000	92.844
	Bi	209	0.000108	mg/L	894.05	0.001	25.813
	Th	232	0.001804	mg/L	12497.82	0.007	20.661
	U	238	-0.000152	mg/L	189.34	0.000	53.964

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:38:41
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-LCV1.009
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	93903.83	93903.830	7.381
	Be	9	0.001085	mg/L	192.34	0.002	8.557
	B	11	0.001231	mg/L	1173.75	0.001	135.784
	Na	23	0.112557	mg/L	240865.91	0.459	0.821
	Mg	24	0.001194	mg/L	4149.66	0.007	2.460
	Al	27	-0.000437	mg/L	11317.84	0.005	51.697
	Si	28	0.002263	mg/L	172944.38	0.023	143.864
	K	39	0.140355	mg/L	2498837.91	1.076	28.121
	Ca	44	0.152559	mg/L	239516.27	0.031	68.042
>	Sc	45		mg/L	481448.67	481448.668	4.454
	Ti	47	0.001005	mg/L	3591.08	0.000	63.020
	V	51	0.002220	mg/L	-18472.34	0.020	33.520
	Cr	52	0.000755	mg/L	16408.64	0.006	45.864
	Mn	55	0.001026	mg/L	6910.03	0.011	7.108
	Fe	57	-0.002561	mg/L	13743.19	-0.000	241.045
	Ni	58	0.000802	mg/L	5973.02	0.009	23.870
	Co	59	0.000941	mg/L	4782.97	0.018	9.138
	Ni	60	0.000691	mg/L	1341.78	0.004	4.695
	Ni	62	0.000906	mg/L	312.34	0.001	16.073
	Cu	63	0.001003	mg/L	3240.61	0.011	7.735
	Cu	65	0.000903	mg/L	1703.84	0.005	10.680
	Zn	66	0.000457	mg/L	4172.33	0.011	13.602
	Zn	68	-0.000357	mg/L	3667.78	0.007	9.494
	Ga	69	0.000884	mg/L	9122.00	0.014	12.330
>	Ge	72		mg/L	252432.28	252432.284	5.482
	As	75	0.001285	mg/L	1710.26	0.005	25.611
	Se	77	-0.013077	mg/L	5944.00	-0.001	122.877
	Se	82	0.001259	mg/L	120.43	0.000	13.776
	Sr	88	0.001003	mg/L	9059.28	0.009	1.007
>	Y	89		mg/L	945662.86	945662.865	5.456
	Mo	95	0.001220	mg/L	1590.15	0.002	6.063
	Mo	98	0.001228	mg/L	2592.60	0.003	15.246
>	Rh	103		mg/L	859560.89	859560.893	0.984
	Ag	107	0.000987	mg/L	3793.50	0.004	4.937
	Ag	109	0.001043	mg/L	3653.77	0.004	8.128
	Cd	111	0.001167	mg/L	953.06	0.001	3.813
	Cd	114	0.001074	mg/L	2203.23	0.002	4.499
>	In	115		mg/L	994761.41	994761.406	4.404
	Sn	118	0.001098	mg/L	3061.21	0.003	4.408
	Sn	120	0.001054	mg/L	4323.58	0.004	8.985
	Sb	121	0.001765	mg/L	8674.22	0.007	4.212
	Sb	123	0.001768	mg/L	6678.95	0.006	3.571
	Ba	135	0.001073	mg/L	1009.07	0.001	11.090

	Ba	137	0.001022	mg/L	1709.50	0.001	5.426
>	Tb	159		mg/L	1286691.23	1286691.230	2.914
>	Ho	165		mg/L	1247357.43	1247357.430	4.339
	Hg	202	-0.000106	mg/L	66.00	-0.000	288.423
	Tl	203	0.000945	mg/L	3502.04	0.002	8.608
	Tl	205	0.001059	mg/L	8420.99	0.006	10.925
	Pb	208	0.001059	mg/L	12353.69	0.009	2.688
	Bi	209	0.001102	mg/L	9500.06	0.007	3.748
	Th	232	0.001840	mg/L	12298.78	0.008	7.676
	U	238	0.000967	mg/L	11077.19	0.009	5.508

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:43:48
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-LCV2.010
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	94327.02	94327.025	2.759
	Be	9	0.004894	mg/L	863.38	0.009	4.036
	B	11	0.005076	mg/L	1848.54	0.008	16.703
	Na	23	0.464447	mg/L	1037982.87	2.054	1.554
	Mg	24	0.004231	mg/L	8759.64	0.016	6.347
	Al	27	0.003091	mg/L	19087.89	0.020	12.191
	Si	28	-0.001554	mg/L	173862.19	0.014	123.869
	K	39	0.501486	mg/L	3960155.85	3.872	3.646
	Ca	44	0.477911	mg/L	283452.14	0.106	14.104
>	Sc	45		mg/L	495480.51	495480.514	3.353
	Ti	47	0.005010	mg/L	4873.35	0.003	13.415
	V	51	0.004738	mg/L	-9166.54	0.040	10.469
	Cr	52	0.004634	mg/L	29796.73	0.032	9.719
	Mn	55	0.004942	mg/L	27677.05	0.053	0.472
	Fe	57	-0.000024	mg/L	14462.64	0.000	191.551
	Ni	58	0.004951	mg/L	15600.20	0.049	5.454
	Co	59	0.005007	mg/L	22458.00	0.091	10.578
	Ni	60	0.004774	mg/L	5236.23	0.020	10.840
	Ni	62	0.005107	mg/L	934.39	0.003	4.483
	Cu	63	0.004921	mg/L	12985.09	0.051	3.409
	Cu	65	0.004849	mg/L	6346.28	0.024	1.591
	Zn	66	0.002971	mg/L	6042.40	0.019	8.766
	Zn	68	0.002070	mg/L	4896.37	0.013	14.151
	Ga	69	0.004951	mg/L	25118.25	0.080	8.221
>	Ge	72		mg/L	245013.75	245013.749	4.061
	As	75	0.004917	mg/L	4913.71	0.018	13.402
	Se	77	0.010367	mg/L	6586.45	0.002	54.056
	Se	82	0.005865	mg/L	393.83	0.000	13.709
	Sr	88	0.004882	mg/L	38166.71	0.040	4.024
>	Y	89		mg/L	934048.71	934048.715	1.189
	Mo	95	0.005226	mg/L	6676.52	0.007	2.891
	Mo	98	0.005044	mg/L	10551.56	0.011	2.143
>	Rh	103		mg/L	848949.14	848949.138	4.751
	Ag	107	0.004867	mg/L	16967.35	0.020	2.761
	Ag	109	0.005030	mg/L	16843.43	0.020	6.443
	Cd	111	0.005242	mg/L	4483.82	0.005	10.668
	Cd	114	0.005047	mg/L	10328.63	0.012	8.349
>	In	115		mg/L	1025450.32	1025450.318	3.111
	Sn	118	0.005060	mg/L	12786.14	0.012	5.796
	Sn	120	0.005015	mg/L	17566.05	0.017	4.501
	Sb	121	0.005853	mg/L	21479.57	0.019	1.202
	Sb	123	0.005854	mg/L	16735.42	0.015	6.239
	Ba	135	0.004745	mg/L	4198.34	0.003	6.118

	Ba	137	0.004752	mg/L	7289.71	0.005	11.478
>	Tb	159		mg/L	1325620.75	1325620.750	5.000
>	Ho	165		mg/L	1277765.32	1277765.322	4.992
	Hg	202	0.000545	mg/L	71.33	0.000	573.234
	Tl	203	0.004880	mg/L	16015.28	0.012	10.066
	Tl	205	0.004901	mg/L	37896.67	0.029	10.153
	Pb	208	0.004960	mg/L	54007.40	0.042	2.559
	Bi	209	0.005130	mg/L	45573.10	0.036	4.815
	Th	232	0.005198	mg/L	46852.06	0.035	9.342
	U	238	0.004977	mg/L	51252.43	0.040	9.506

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:48:54
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-SCV1.011
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	107732.37	107732.369	1.065
	Be	9	0.433160	mg/L	87047.72	0.808	3.511
	B	11	0.424160	mg/L	84803.19	0.776	4.294
	Na	23	5.022375	mg/L	10968889.39	22.717	1.827
	Mg	24	4.993252	mg/L	7198046.23	14.933	3.908
	Al	27	2.491372	mg/L	5115772.31	10.597	4.576
	Si	28	0.524211	mg/L	761134.65	1.242	3.321
	K	39	4.988620	mg/L	20600466.45	38.620	5.587
	Ca	44	5.350749	mg/L	812057.91	1.218	4.968
>	Sc	45		mg/L	481995.94	481995.942	1.103
	Ti	47	0.517191	mg/L	151189.35	0.307	3.062
	V	51	0.464287	mg/L	1729494.73	3.647	5.170
	Cr	52	0.517327	mg/L	1687341.61	3.474	2.728
	Mn	55	0.498574	mg/L	2546925.69	5.282	5.238
	Fe	57	2.305046	mg/L	289616.44	0.572	3.610
	Ni	58	0.509561	mg/L	1206042.86	4.913	5.920
	Co	59	0.490273	mg/L	2151087.61	8.793	8.409
	Ni	60	0.516683	mg/L	500062.73	2.042	5.743
	Ni	62	0.511172	mg/L	76926.17	0.313	2.107
	Cu	63	0.475306	mg/L	1193470.81	4.864	2.340
	Cu	65	0.480702	mg/L	571762.19	2.332	2.539
	Zn	66	0.476417	mg/L	380317.02	1.549	7.786
	Zn	68	0.484950	mg/L	271558.57	1.103	8.597
	Ga	69	0.500168	mg/L	2007842.08	8.179	5.028
>	Ge	72		mg/L	245127.15	245127.146	3.693
	As	75	0.504216	mg/L	451567.45	1.841	1.097
	Se	77	0.618548	mg/L	27587.75	0.088	6.827
	Se	82	0.495455	mg/L	30048.49	0.032	9.422
	Sr	88	0.509367	mg/L	3897757.49	4.110	7.038
>	Y	89		mg/L	950024.95	950024.950	5.015
	Mo	95	0.515053	mg/L	667022.88	0.702	1.203
	Mo	98	0.498099	mg/L	1058399.24	1.115	2.453
>	Rh	103		mg/L	827361.07	827361.070	3.889
	Ag	107	0.272841	mg/L	905825.45	1.096	4.249
	Ag	109	0.269734	mg/L	873634.61	1.057	6.161
	Cd	111	0.501292	mg/L	425335.17	0.515	9.547
	Cd	114	0.489088	mg/L	979383.95	1.185	5.788
>	In	115		mg/L	976904.89	976904.894	4.793
	Sn	118	0.519641	mg/L	1203188.61	1.231	2.460
	Sn	120	0.530330	mg/L	1668004.40	1.710	5.640
	Sb	121	0.601609	mg/L	1756346.74	1.801	8.130
	Sb	123	0.587898	mg/L	1350810.54	1.385	8.856
	Ba	135	0.493550	mg/L	419251.52	0.321	11.498

	Ba	137	0.493703	mg/L	723726.27	0.555	13.602
>	Tb	159		mg/L	1312026.37	1312026.369	6.319
>	Ho	165		mg/L	1277031.03	1277031.035	3.659
	Hg	202	0.019075	mg/L	181.00	0.000	7.118
	Tl	203	0.509615	mg/L	1610358.00	1.263	9.167
	Tl	205	0.507682	mg/L	3873539.62	3.036	5.870
	Pb	208	0.501111	mg/L	5312590.45	4.159	2.442
	Bi	209	0.499724	mg/L	4446370.31	3.486	5.203
	Th	232	0.516289	mg/L	5262926.28	4.127	7.892
	U	238	0.511085	mg/L	5094691.78	3.996	7.284

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:53:58
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-HCV1.012
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	130388.37	130388.373	2.363
	Be	9	0.728958	mg/L	177284.29	1.359	2.403
	B	11	0.704029	mg/L	169403.95	1.288	1.273
	Na	23	10.005892	mg/L	21979176.01	45.310	1.930
	Mg	24	9.725498	mg/L	14101234.42	29.083	2.738
	Al	27	4.928238	mg/L	10160386.38	20.955	4.171
	Si	28	1.053153	mg/L	1362365.72	2.477	7.321
	K	39	10.055894	mg/L	39649298.72	77.860	9.683
	Ca	44	10.387771	mg/L	1372428.90	2.368	5.918
>	Sc	45		mg/L	484629.87	484629.866	3.404
	Ti	47	1.019506	mg/L	296620.77	0.605	2.872
	V	51	0.915561	mg/L	3456266.84	7.189	2.135
	Cr	52	1.036873	mg/L	3383137.09	6.961	4.926
	Mn	55	0.999645	mg/L	5126903.91	10.589	6.045
	Fe	57	4.568627	mg/L	563265.71	1.134	1.918
	Ni	58	1.002806	mg/L	2399019.68	9.667	13.149
	Co	59	0.963376	mg/L	4283800.55	17.276	12.018
	Ni	60	1.018229	mg/L	1000572.59	4.022	5.980
	Ni	62	1.012063	mg/L	154584.89	0.620	2.138
	Cu	63	0.943129	mg/L	2400726.17	9.651	6.373
	Cu	65	0.934269	mg/L	1126120.65	4.532	8.751
	Zn	66	0.934278	mg/L	752239.36	3.028	12.047
	Zn	68	0.960476	mg/L	541815.49	2.176	10.675
	Ga	69	0.999072	mg/L	4067636.56	16.337	6.431
>	Ge	72		mg/L	249427.70	249427.704	7.433
	As	75	0.992690	mg/L	902962.93	3.624	3.366
	Se	77	1.257453	mg/L	50385.08	0.178	9.018
	Se	82	0.963685	mg/L	59217.38	0.062	12.908
	Sr	88	0.999166	mg/L	7770827.66	8.062	5.750
>	Y	89		mg/L	966518.31	966518.306	7.437
	Mo	95	1.014272	mg/L	1334239.91	1.383	3.705
	Mo	98	0.989177	mg/L	2130171.59	2.214	9.421
>	Rh	103		mg/L	840285.76	840285.762	3.153
	Ag	107	0.285652	mg/L	963237.81	1.147	4.588
	Ag	109	0.286024	mg/L	940537.19	1.121	9.289
	Cd	111	0.989154	mg/L	853147.12	1.017	7.898
	Cd	114	0.953656	mg/L	1942118.61	2.311	0.782
>	In	115		mg/L	997321.66	997321.663	7.147
	Sn	118	1.039100	mg/L	2452147.93	2.462	3.301
	Sn	120	1.087564	mg/L	3485576.59	3.506	7.032
	Sb	121	1.246663	mg/L	3703321.73	3.730	10.302
	Sb	123	1.225793	mg/L	2866142.74	2.887	10.581
	Ba	135	0.959104	mg/L	821481.50	0.624	9.563

	Ba	137	0.956093	mg/L	1414342.25	1.074	9.932
>	Tb	159		mg/L	1320466.78	1320466.776	4.388
>	Ho	165		mg/L	1291835.76	1291835.760	0.975
	Hg	202	0.031841	mg/L	259.34	0.000	5.199
	Tl	203	0.972320	mg/L	3114148.18	2.410	5.899
	Tl	205	1.005498	mg/L	7771356.59	6.014	0.666
	Pb	208	0.991426	mg/L	10631003.28	8.228	1.263
	Bi	209	0.996926	mg/L	8983136.80	6.955	5.218
	Th	232	1.033983	mg/L	10688343.04	8.272	5.166
	U	238	1.024740	mg/L	10349215.11	8.011	0.652

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 15:59:04
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-IFA1.013
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	97746.14	97746.144	2.164
	Be	9	0.000168	mg/L	33.33	0.000	47.295
	B	11	0.006477	mg/L	2166.28	0.011	36.159
	Na	23	25.863003	mg/L	56267556.07	117.198	2.601
	Mg	24	9.921454	mg/L	14240143.39	29.669	4.004
	Al	27	9.893199	mg/L	20197142.46	42.059	3.834
	Si	28	0.007914	mg/L	179246.16	0.036	50.161
	K	39	9.933701	mg/L	38894504.01	76.914	4.125
	Ca	44	24.822277	mg/L	2942723.52	5.664	3.113
>	Sc	45		mg/L	479986.89	479986.890	0.785
	Ti	47	0.227196	mg/L	67984.69	0.135	5.518
	V	51	0.001428	mg/L	-21307.49	0.014	54.477
	Cr	52	-0.000686	mg/L	11758.05	-0.003	4.293
	Mn	55	0.002817	mg/L	16003.26	0.030	6.698
	Fe	57	24.244111	mg/L	2900444.39	6.014	2.635
	Ni	58	0.157004	mg/L	385519.59	1.515	11.019
	Co	59	0.000369	mg/L	2203.29	0.008	15.879
	Ni	60	0.000321	mg/L	970.39	0.003	12.399
	Ni	62	0.001446	mg/L	398.01	0.001	10.729
	Cu	63	0.001065	mg/L	3416.68	0.011	6.206
	Cu	65	0.000837	mg/L	1628.50	0.005	10.681
	Zn	66	-0.002003	mg/L	2176.95	0.003	35.280
	Zn	68	-0.003230	mg/L	2037.58	0.001	82.140
	Ga	69	-0.000200	mg/L	4665.58	-0.004	24.253
>	Ge	72		mg/L	253178.59	253178.594	5.848
	As	75	0.000727	mg/L	1195.57	0.003	23.100
	Se	77	-0.043623	mg/L	4872.02	-0.006	24.347
	Se	82	0.001261	mg/L	120.63	0.000	105.418
	Sr	88	0.000264	mg/L	3443.02	0.003	3.974
>	Y	89		mg/L	953268.33	953268.327	3.157
	Mo	95	0.208548	mg/L	271254.31	0.284	3.099
	Mo	98	0.203383	mg/L	433937.11	0.455	0.842
>	Rh	103		mg/L	822284.79	822284.787	4.382
	Ag	107	0.000014	mg/L	416.35	0.000	27.254
	Ag	109	0.000076	mg/L	376.35	0.000	61.984
	Cd	111	0.000706	mg/L	520.35	0.001	14.348
	Cd	114	0.000525	mg/L	1012.17	0.001	9.685
>	In	115		mg/L	997971.41	997971.409	3.330
	Sn	118	0.001116	mg/L	3128.25	0.003	23.214
	Sn	120	0.001047	mg/L	4335.34	0.004	19.463
	Sb	121	0.013748	mg/L	44545.72	0.043	14.180
	Sb	123	0.013528	mg/L	34372.13	0.033	15.711
	Ba	135	0.000184	mg/L	273.34	0.000	15.533

	Ba	137	0.000122	mg/L	421.40	0.000	13.506
>	Tb	159		mg/L	1323157.02	1323157.021	4.743
>	Ho	165		mg/L	1303845.92	1303845.916	2.764
	Hg	202	-0.001296	mg/L	61.67	-0.000	20.929
	Tl	203	0.000477	mg/L	2152.29	0.001	36.071
	Tl	205	0.000562	mg/L	4939.43	0.003	33.052
	Pb	208	0.000064	mg/L	2158.12	0.001	16.672
	Bi	209	0.000624	mg/L	5584.60	0.004	39.408
	Th	232	0.002983	mg/L	24754.10	0.017	30.406
	U	238	-0.000088	mg/L	841.05	0.001	30.848

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 16:08:07
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 1.014
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	97092.78	97092.778	3.490
	Be	9	0.000675	mg/L	124.34	0.001	6.583
	B	11	0.001575	mg/L	1327.78	0.002	39.553
	Na	23	0.083633	mg/L	193768.98	0.349	2.020
	Mg	24	0.000865	mg/L	3648.10	0.005	9.355
	Al	27	0.000201	mg/L	11341.52	0.004	32.986
	Si	28	-0.005775	mg/L	164812.91	-0.004	755.609
	K	39	0.096650	mg/L	2447758.68	0.821	23.616
	Ca	44	0.015768	mg/L	226242.51	-0.010	223.115
>	Sc	45		mg/L	495629.52	495629.521	4.594
	Ti	47	-0.000505	mg/L	3094.22	-0.001	40.928
	V	51	0.001044	mg/L	-22199.76	0.014	62.864
	Cr	52	-0.000276	mg/L	12663.95	-0.002	95.340
	Mn	55	0.000509	mg/L	4255.71	0.005	2.201
	Fe	57	-0.006136	mg/L	13403.68	-0.002	34.104
	Ni	58	0.000488	mg/L	5033.11	0.006	28.909
	Co	59	0.000456	mg/L	2412.34	0.009	1.783
	Ni	60	0.000280	mg/L	915.72	0.003	4.834
	Ni	62	0.000642	mg/L	266.34	0.000	5.206
	Cu	63	0.003607	mg/L	12254.72	0.048	7.505
	Cu	65	0.003541	mg/L	6025.73	0.023	9.488
	Zn	66	0.001891	mg/L	5152.18	0.015	9.718
	Zn	68	0.001413	mg/L	4138.65	0.010	6.565
	Ga	69	0.000261	mg/L	5877.96	0.002	86.759
>	Ge	72		mg/L	243320.68	243320.680	4.385
	As	75	0.000503	mg/L	1021.31	0.002	66.260
	Se	77	-0.024323	mg/L	5007.10	-0.004	38.987
	Se	82	0.001401	mg/L	138.28	0.000	120.280
	Sr	88	0.000485	mg/L	4823.33	0.005	4.165
>	Y	89		mg/L	935985.89	935985.894	0.820
	Mo	95	0.001240	mg/L	1887.22	0.002	10.979
	Mo	98	0.001242	mg/L	3126.97	0.003	9.810
>	Rh	103		mg/L	841757.13	841757.133	1.474
	Ag	107	0.000446	mg/L	1910.89	0.002	2.575
	Ag	109	0.000505	mg/L	1835.20	0.002	2.966
	Cd	111	0.000655	mg/L	486.35	0.001	9.191
	Cd	114	0.000611	mg/L	1213.82	0.001	6.139
>	In	115		mg/L	1022950.70	1022950.698	4.923
	Sn	118	0.000674	mg/L	2273.31	0.002	10.699
	Sn	120	0.000582	mg/L	3110.89	0.002	18.650
	Sb	121	0.001455	mg/L	9693.96	0.008	16.460
	Sb	123	0.001488	mg/L	7543.15	0.006	12.340
	Ba	135	0.000583	mg/L	605.69	0.000	6.465

	Ba	137	0.000536	mg/L	1014.99	0.001	2.550
>	Tb	159		mg/L	1318826.72	1318826.718	1.522
>	Ho	165		mg/L	1298125.00	1298125.003	5.419
	Hg	202	-0.000380	mg/L	65.33	-0.000	225.043
	Tl	203	0.000464	mg/L	2066.26	0.001	11.411
	Tl	205	0.000570	mg/L	4895.37	0.003	19.267
	Pb	208	0.000705	mg/L	9712.17	0.007	2.663
	Bi	209	0.000620	mg/L	5726.86	0.004	5.174
	Th	232	0.001137	mg/L	5999.37	0.002	12.041
	U	238	0.000387	mg/L	5530.74	0.004	7.902

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 16:14:35
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 5.015
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	91889.25	91889.250	2.979
	Be	9	0.100023	mg/L	17022.09	0.185	2.663
	B	11	0.100075	mg/L	17773.90	0.182	8.006
	Na	23	10.004931	mg/L	23414580.85	47.933	2.256
	Mg	24	0.100064	mg/L	153956.59	0.314	2.928
	Al	27	0.100050	mg/L	225867.86	0.445	7.134
	Si	28	0.099792	mg/L	292423.26	0.264	27.993
	K	39	10.001639	mg/L	39041477.84	76.062	6.834
	Ca	44	10.000514	mg/L	1377388.97	2.358	2.905
>	Sc	45		mg/L	487891.03	487891.032	4.812
	Ti	47	0.099959	mg/L	32755.26	0.060	2.915
	V	51	0.100038	mg/L	371928.73	0.822	7.637
	Cr	52	0.099955	mg/L	348679.20	0.689	9.323
	Mn	55	0.100003	mg/L	524451.78	1.073	3.650
	Fe	57	0.099691	mg/L	26686.74	0.026	4.542
	Ni	58	0.100032	mg/L	247874.15	1.013	9.941
	Co	59	0.100031	mg/L	448903.31	1.856	4.814
	Ni	60	0.100057	mg/L	101312.06	0.418	1.973
	Ni	62	0.100022	mg/L	15124.75	0.062	0.586
	Cu	63	0.100163	mg/L	256186.46	1.058	5.878
	Cu	65	0.100157	mg/L	122558.18	0.506	8.353
	Zn	66	0.100060	mg/L	88776.40	0.362	8.034
	Zn	68	0.100074	mg/L	64294.93	0.259	4.915
	Ga	69	0.100010	mg/L	414163.56	1.687	0.262
>	Ge	72		mg/L	242184.40	242184.402	6.152
	As	75	0.099995	mg/L	90789.43	0.374	5.253
	Se	77	0.097804	mg/L	9550.12	0.015	24.983
	Se	82	0.100074	mg/L	6241.62	0.007	9.749
	Sr	88	0.100020	mg/L	769303.72	0.823	0.799
>	Y	89		mg/L	933582.10	933582.099	4.651
	Mo	95	0.100060	mg/L	131119.19	0.141	5.594
	Mo	98	0.100059	mg/L	214856.12	0.231	10.745
>	Rh	103		mg/L	851651.24	851651.243	2.915
	Ag	107	0.099979	mg/L	341592.77	0.401	4.429
	Ag	109	0.099968	mg/L	323658.80	0.380	4.678
	Cd	111	0.100001	mg/L	85907.54	0.101	3.417
	Cd	114	0.100010	mg/L	207564.23	0.244	4.528
>	In	115		mg/L	1052053.62	1052053.620	5.260
	Sn	118	0.100009	mg/L	250448.62	0.238	5.718
	Sn	120	0.099990	mg/L	340639.17	0.324	9.610
	Sb	121	0.099990	mg/L	329836.04	0.313	10.289
	Sb	123	0.099991	mg/L	258464.13	0.245	7.069
	Ba	135	0.100042	mg/L	87075.54	0.067	8.919

	Ba	137	0.100021	mg/L	147721.05	0.114	3.982
>	Tb	159		mg/L	1297911.97	1297911.965	3.254
>	Ho	165		mg/L	1301159.11	1301159.111	3.896
	Hg	202	0.009803	mg/L	88.33	0.000	30.078
	Tl	203	0.100020	mg/L	332101.53	0.255	3.006
	Tl	205	0.100014	mg/L	769439.24	0.591	9.013
	Pb	208	0.100006	mg/L	1075381.15	0.827	5.118
	Bi	209	0.100018	mg/L	909692.68	0.699	3.027
	Th	232	0.100066	mg/L	1043486.36	0.800	3.646
	U	238	0.100005	mg/L	1043276.53	0.803	6.023

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 16:22:20
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-IFB1.016
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	96104.62	96104.623	0.752
	Be	9	0.000106	mg/L	26.00	0.000	281.121
	B	11	0.000085	mg/L	1053.74	-0.000	115.678
	Na	23	24.193643	mg/L	56257364.77	116.106	2.225
	Mg	24	9.862447	mg/L	14868796.64	30.705	5.889
	Al	27	10.017358	mg/L	21458254.19	44.300	8.324
	Si	28	0.003044	mg/L	171793.07	0.017	67.483
	K	39	10.109674	mg/L	39243109.85	76.882	3.200
	Ca	44	23.884201	mg/L	2965827.01	5.654	3.410
>	Sc	45		mg/L	484512.26	484512.265	2.140
	Ti	47	0.224531	mg/L	69150.64	0.136	5.458
	V	51	0.199956	mg/L	765724.45	1.640	7.748
	Cr	52	0.204524	mg/L	696714.82	1.411	3.341
	Mn	55	0.203470	mg/L	1059377.20	2.184	8.206
	Fe	57	22.247221	mg/L	2839567.30	5.832	1.550
	Ni	58	0.345783	mg/L	866457.27	3.503	5.180
	Co	59	0.199057	mg/L	910315.08	3.695	7.068
	Ni	60	0.196189	mg/L	201779.28	0.818	4.474
	Ni	62	0.196692	mg/L	30111.11	0.121	1.820
	Cu	63	0.180446	mg/L	468396.82	1.898	4.669
	Cu	65	0.184536	mg/L	229104.01	0.928	1.549
	Zn	66	0.087638	mg/L	79802.40	0.318	4.193
	Zn	68	0.085088	mg/L	56165.55	0.221	7.018
	Ga	69	-0.000126	mg/L	3841.19	-0.007	20.484
>	Ge	72		mg/L	246413.69	246413.695	1.252
	As	75	0.101625	mg/L	94097.63	0.380	3.338
	Se	77	0.084545	mg/L	9237.46	0.013	10.627
	Se	82	0.103977	mg/L	6474.02	0.007	3.548
	Sr	88	0.000386	mg/L	3510.05	0.003	10.201
>	Y	89		mg/L	930190.95	930190.948	3.610
	Mo	95	0.199904	mg/L	261473.66	0.281	3.359
	Mo	98	0.199464	mg/L	427943.55	0.460	3.669
>	Rh	103		mg/L	853224.62	853224.619	6.431
	Ag	107	0.054564	mg/L	186741.70	0.219	3.194
	Ag	109	0.054663	mg/L	177012.97	0.208	8.622
	Cd	111	0.101307	mg/L	86825.83	0.102	11.410
	Cd	114	0.098739	mg/L	204385.11	0.241	11.628
>	In	115		mg/L	1013892.88	1013892.883	1.132
	Sn	118	0.000061	mg/L	742.37	0.000	8.805
	Sn	120	-0.000035	mg/L	1015.08	0.000	7.418
	Sb	121	0.002190	mg/L	11625.91	0.010	9.486
	Sb	123	0.002063	mg/L	8689.12	0.007	11.942
	Ba	135	0.000265	mg/L	225.01	0.000	27.539

	Ba	137	0.000147	mg/L	364.42	0.000	16.978
>	Tb	159		mg/L	1309543.26	1309543.257	8.194
>	Ho	165		mg/L	1284725.18	1284725.182	3.219
	Hg	202	-0.005085	mg/L	59.33	-0.000	94.495
	Tl	203	0.000016	mg/L	258.67	-0.000	2.401
	Tl	205	-0.000033	mg/L	571.69	-0.001	4.092
	Pb	208	-0.000070	mg/L	1548.73	0.001	4.666
	Bi	209	0.000113	mg/L	1041.40	0.001	26.937
	Th	232	0.002033	mg/L	14976.98	0.009	31.819
	U	238	-0.000040	mg/L	131.00	0.000	48.146

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 16:27:26
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.017
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	100128.07	100128.066	0.626
	Be	9	0.096358	mg/L	17874.42	0.178	4.412
	B	11	0.091063	mg/L	17738.86	0.166	8.140
	Na	23	1.028288	mg/L	2332258.48	4.802	1.961
	Mg	24	0.983544	mg/L	1474741.55	3.064	6.121
	Al	27	0.494809	mg/L	1062085.85	2.191	8.901
	Si	28	0.104248	mg/L	294608.75	0.275	23.891
	K	39	1.059840	mg/L	5921692.10	8.176	4.132
	Ca	44	1.028730	mg/L	334400.27	0.228	6.784
>	Sc	45		mg/L	481674.10	481674.096	3.540
	Ti	47	0.105248	mg/L	33866.99	0.063	5.782
	V	51	0.103708	mg/L	381626.92	0.853	8.618
	Cr	52	0.104427	mg/L	359685.04	0.720	4.926
	Mn	55	0.101713	mg/L	527426.64	1.091	3.961
	Fe	57	0.457165	mg/L	71450.40	0.119	3.591
	Ni	58	0.105338	mg/L	261400.32	1.067	7.426
	Co	59	0.102397	mg/L	459389.30	1.900	9.082
	Ni	60	0.101330	mg/L	102547.20	0.423	3.934
	Ni	62	0.102277	mg/L	15459.97	0.063	1.355
	Cu	63	0.094477	mg/L	242359.07	0.999	2.842
	Cu	65	0.095204	mg/L	116909.19	0.481	1.858
	Zn	66	0.088699	mg/L	79245.14	0.322	5.318
	Zn	68	0.089728	mg/L	57967.76	0.232	7.646
	Ga	69	0.102038	mg/L	421896.11	1.722	4.118
>	Ge	72		mg/L	242068.02	242068.020	2.962
	As	75	0.101851	mg/L	92645.81	0.381	2.436
	Se	77	0.092117	mg/L	9358.91	0.014	1.986
	Se	82	0.100136	mg/L	6409.42	0.007	6.563
	Sr	88	0.102957	mg/L	810194.78	0.847	5.971
>	Y	89		mg/L	956766.11	956766.105	3.708
	Mo	95	0.098289	mg/L	132271.56	0.138	1.319
	Mo	98	0.098403	mg/L	217280.81	0.227	0.970
>	Rh	103		mg/L	878853.53	878853.531	5.696
	Ag	107	0.054237	mg/L	191285.93	0.218	2.575
	Ag	109	0.054380	mg/L	181437.44	0.207	9.252
	Cd	111	0.097748	mg/L	86374.19	0.099	10.435
	Cd	114	0.094052	mg/L	200703.46	0.229	10.560
>	In	115		mg/L	1027950.83	1027950.828	1.947
	Sn	118	0.104707	mg/L	256771.24	0.249	3.437
	Sn	120	0.108699	mg/L	363051.10	0.353	2.207
	Sb	121	0.109208	mg/L	352667.21	0.342	3.413
	Sb	123	0.107027	mg/L	270358.62	0.262	6.943
	Ba	135	0.100554	mg/L	87411.16	0.067	5.222

	Ba	137	0.103776	mg/L	152735.12	0.118	8.998
>	Tb	159		mg/L	1295734.37	1295734.373	4.333
>	Ho	165		mg/L	1274650.81	1274650.808	3.307
	Hg	202	0.006821	mg/L	81.00	0.000	24.699
	Tl	203	0.103804	mg/L	337203.87	0.264	8.244
	Tl	205	0.107219	mg/L	808173.54	0.634	7.419
	Pb	208	0.102062	mg/L	1076681.79	0.844	1.189
	Bi	209	0.103646	mg/L	923374.75	0.725	3.448
	Th	232	0.105104	mg/L	1073114.76	0.841	7.112
	U	238	0.104183	mg/L	1065221.78	0.837	4.868

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 16:32:31
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.018
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	87845.16	87845.164	6.672
	Be	9	0.000110	mg/L	24.00	0.000	207.451
	B	11	0.000405	mg/L	1010.07	0.000	945.053
	Na	23	0.031447	mg/L	24471.15	0.013	13.408
	Mg	24	-0.000620	mg/L	1066.41	0.000	140.918
	Al	27	0.000063	mg/L	9810.42	0.003	99.238
	Si	28	0.008278	mg/L	165774.91	0.030	122.931
	K	39	-0.050015	mg/L	1747111.60	-0.250	98.630
	Ca	44	0.097196	mg/L	213524.29	0.007	482.071
>	Sc	45		mg/L	452085.53	452085.533	5.564
	Ti	47	-0.001245	mg/L	2598.40	-0.001	24.874
	V	51	0.004576	mg/L	-7639.32	0.042	12.005
	Cr	52	-0.001688	mg/L	6818.96	-0.013	12.990
	Mn	55	-0.000057	mg/L	920.72	-0.001	17.630
	Fe	57	-0.013593	mg/L	11299.80	-0.004	25.556
	Ni	58	-0.000015	mg/L	3315.97	-0.001	68.015
	Co	59	0.000080	mg/L	168.00	-0.000	31.226
	Ni	60	-0.000255	mg/L	173.00	-0.000	36.643
	Ni	62	-0.000144	mg/L	141.00	-0.000	66.761
	Cu	63	-0.001005	mg/L	500.35	-0.000	15.049
	Cu	65	-0.001105	mg/L	359.01	-0.000	53.355
	Zn	66	-0.002334	mg/L	1639.50	0.001	27.282
	Zn	68	-0.002721	mg/L	1409.46	-0.001	8.375
	Ga	69	-0.000399	mg/L	2615.07	-0.012	10.113
>	Ge	72		mg/L	238266.60	238266.600	1.682
	As	75	0.000385	mg/L	810.19	0.002	16.032
	Se	77	-0.120772	mg/L	1329.11	-0.019	3.423
	Se	82	0.000540	mg/L	75.65	-0.000	452.662
	Sr	88	0.000001	mg/L	556.36	0.000	266.339
>	Y	89		mg/L	908718.99	908718.987	3.563
	Mo	95	0.000925	mg/L	1317.11	0.001	16.168
	Mo	98	0.000891	mg/L	2115.17	0.002	20.726
>	Rh	103		mg/L	819260.58	819260.580	2.758
	Ag	107	-0.000061	mg/L	219.34	-0.000	97.754
	Ag	109	-0.000120	mg/L	194.67	-0.000	194.339
	Cd	111	0.000084	mg/L	53.00	0.000	213.598
	Cd	114	0.000104	mg/L	126.91	0.000	195.896
>	In	115		mg/L	949356.54	949356.542	3.928
	Sn	118	0.000102	mg/L	786.38	0.000	19.682
	Sn	120	0.000022	mg/L	1122.03	0.001	22.429
	Sb	121	0.002678	mg/L	12303.86	0.011	15.815
	Sb	123	0.002555	mg/L	9263.75	0.009	14.051
	Ba	135	0.000141	mg/L	112.67	0.000	236.873

	Ba	137	0.000021	mg/L	170.30	0.000	117.545
>	Tb	159		mg/L	1256969.29	1256969.289	1.467
>	Ho	165		mg/L	1204569.25	1204569.246	6.409
	Hg	202	-0.003460	mg/L	58.33	-0.000	114.232
	Tl	203	0.000013	mg/L	230.01	-0.000	14.533
	Tl	205	-0.000030	mg/L	556.36	-0.001	13.060
	Pb	208	-0.000145	mg/L	701.35	0.000	746.940
	Bi	209	0.000105	mg/L	911.72	0.001	33.409
	Th	232	0.001260	mg/L	6532.44	0.003	23.650
	U	238	-0.000037	mg/L	145.67	0.000	40.520

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 16:37:35
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.019
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	96846.80	96846.804	5.557
	Be	9	0.038090	mg/L	6837.31	0.070	1.463
	B	11	0.039347	mg/L	7995.26	0.071	6.146
	Na	23	0.388873	mg/L	876117.18	1.730	1.832
	Mg	24	0.383292	mg/L	592511.19	1.195	0.771
	Al	27	0.198122	mg/L	443463.75	0.879	4.736
	Si	28	0.034731	mg/L	214828.92	0.098	42.245
	K	39	0.400040	mg/L	3599079.40	3.167	15.355
	Ca	44	0.302179	mg/L	257851.07	0.055	52.073
>	Sc	45		mg/L	494879.15	494879.146	5.504
	Ti	47	0.039197	mg/L	14978.82	0.023	4.334
	V	51	0.041536	mg/L	140907.17	0.344	5.952
	Cr	52	0.040182	mg/L	150020.76	0.276	9.863
	Mn	55	0.040329	mg/L	215142.17	0.432	5.019
	Fe	57	0.171412	mg/L	36366.03	0.045	3.383
	Ni	58	0.041433	mg/L	105682.96	0.419	12.581
	Co	59	0.040523	mg/L	183574.31	0.751	7.953
	Ni	60	0.040092	mg/L	41312.88	0.168	2.979
	Ni	62	0.040563	mg/L	6309.93	0.025	1.188
	Cu	63	0.037516	mg/L	99007.76	0.403	5.140
	Cu	65	0.038150	mg/L	48195.68	0.196	11.011
	Zn	66	0.033762	mg/L	32657.98	0.128	12.750
	Zn	68	0.033403	mg/L	23744.21	0.090	9.097
	Ga	69	0.039935	mg/L	169685.82	0.671	3.099
>	Ge	72		mg/L	245075.38	245075.384	7.687
	As	75	0.040965	mg/L	37874.69	0.153	6.635
	Se	77	0.015910	mg/L	6541.09	0.002	139.241
	Se	82	0.043305	mg/L	2672.80	0.003	9.780
	Sr	88	0.041721	mg/L	314608.62	0.343	2.877
>	Y	89		mg/L	914816.86	914816.855	3.800
	Mo	95	0.041032	mg/L	52817.85	0.058	3.263
	Mo	98	0.041441	mg/L	87444.81	0.096	8.712
>	Rh	103		mg/L	868610.26	868610.256	2.146
	Ag	107	0.021090	mg/L	73794.64	0.085	5.827
	Ag	109	0.020961	mg/L	69649.40	0.080	7.954
	Cd	111	0.039112	mg/L	34263.47	0.039	3.527
	Cd	114	0.038301	mg/L	81067.62	0.093	1.955
>	In	115		mg/L	1034656.73	1034656.726	6.892
	Sn	118	0.041213	mg/L	101901.46	0.098	3.506
	Sn	120	0.040972	mg/L	137842.08	0.133	9.089
	Sb	121	0.042379	mg/L	140072.09	0.135	11.584
	Sb	123	0.041563	mg/L	107639.62	0.103	8.387
	Ba	135	0.039733	mg/L	35068.02	0.027	7.118

	Ba	137	0.040672	mg/L	60954.18	0.046	4.129
>	Tb	159		mg/L	1314436.42	1314436.416	1.043
>	Ho	165		mg/L	1298732.74	1298732.738	3.718
	Hg	202	0.003393	mg/L	76.00	0.000	54.854
	Tl	203	0.040721	mg/L	135095.09	0.104	1.975
	Tl	205	0.041066	mg/L	316000.01	0.242	5.904
	Pb	208	0.040157	mg/L	432570.61	0.333	3.812
	Bi	209	0.040115	mg/L	364556.14	0.280	3.938
	Th	232	0.040907	mg/L	422320.53	0.323	2.034
	U	238	0.040271	mg/L	419592.04	0.324	7.075

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 16:42:40
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.020
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 16

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	99920.48	99920.477	0.837
	Be	9	0.035756	mg/L	6625.82	0.066	3.323
	B	11	0.034399	mg/L	7362.06	0.062	3.348
	Na	23	0.379605	mg/L	837469.27	1.686	1.999
	Mg	24	0.371076	mg/L	562235.29	1.157	3.883
	Al	27	0.188515	mg/L	414611.73	0.836	5.500
	Si	28	0.077698	mg/L	264436.97	0.208	4.923
	K	39	0.416275	mg/L	3595834.64	3.290	4.942
	Ca	44	0.354000	mg/L	259155.20	0.068	9.997
>	Sc	45		mg/L	485018.36	485018.359	1.498
	Ti	47	0.039025	mg/L	14644.27	0.023	3.683
	V	51	0.040819	mg/L	135509.74	0.338	7.221
	Cr	52	0.041894	mg/L	153205.94	0.288	3.032
	Mn	55	0.040697	mg/L	213197.19	0.436	3.768
	Fe	57	0.032924	mg/L	18055.09	0.008	1.753
	Ni	58	0.073677	mg/L	191175.41	0.746	7.328
	Co	59	0.037815	mg/L	176297.81	0.701	8.549
	Ni	60	0.075666	mg/L	79741.03	0.316	3.859
	Ni	62	0.078078	mg/L	12317.15	0.048	2.844
	Cu	63	0.036477	mg/L	99276.05	0.392	3.124
	Cu	65	0.035901	mg/L	46952.83	0.185	0.471
	Zn	66	0.030189	mg/L	30547.23	0.116	6.141
	Zn	68	0.030606	mg/L	22679.18	0.083	7.942
	Ga	69	0.038124	mg/L	166682.14	0.640	4.835
>	Ge	72		mg/L	251706.40	251706.404	2.931
	As	75	0.039443	mg/L	37594.28	0.148	0.824
	Se	77	0.061788	mg/L	8542.77	0.009	4.023
	Se	82	0.073582	mg/L	4774.28	0.005	9.709
	Sr	88	0.037778	mg/L	301251.01	0.311	4.122
>	Y	89		mg/L	967690.51	967690.506	2.988
	Mo	95	0.078047	mg/L	106257.24	0.110	1.550
	Mo	98	0.076720	mg/L	171311.97	0.177	2.168
>	Rh	103		mg/L	841763.53	841763.526	5.720
	Ag	107	0.008237	mg/L	28177.90	0.033	3.530
	Ag	109	0.008428	mg/L	27425.95	0.032	9.032
	Cd	111	0.020813	mg/L	17581.57	0.021	13.291
	Cd	114	0.019795	mg/L	40373.09	0.048	12.471
>	In	115		mg/L	1011597.99	1011597.987	3.640
	Sn	118	0.079812	mg/L	192789.98	0.190	3.822
	Sn	120	0.083374	mg/L	274183.36	0.271	2.598
	Sb	121	0.096484	mg/L	306919.18	0.302	4.341
	Sb	123	0.094624	mg/L	235391.67	0.232	7.689
	Ba	135	0.036162	mg/L	32438.83	0.024	9.694

	Ba	137	0.036696	mg/L	55889.70	0.042	10.178
>	Tb	159		mg/L	1339852.70	1339852.700	5.347
>	Ho	165		mg/L	1285220.37	1285220.370	2.479
	Hg	202	0.002879	mg/L	74.33	0.000	152.165
	Tl	203	0.039883	mg/L	130821.14	0.101	8.221
	Tl	205	0.041112	mg/L	313137.18	0.243	6.340
	Pb	208	0.077631	mg/L	826255.61	0.642	0.871
	Bi	209	0.000102	mg/L	942.73	0.001	23.308
	Th	232	0.001681	mg/L	11331.97	0.007	23.808
	U	238	-0.000038	mg/L	148.67	0.000	49.612

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 16:47:57
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.021
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	97156.55	97156.552	3.875
	Be	9	0.000076	mg/L	20.67	-0.000	180.108
	B	11	-0.000338	mg/L	990.06	-0.001	28.767
	Na	23	0.029385	mg/L	21392.07	0.003	10.736
	Mg	24	-0.000678	mg/L	1057.07	0.000	31.755
	Al	27	0.000359	mg/L	11136.27	0.004	43.515
	Si	28	-0.002072	mg/L	164609.08	0.004	601.832
	K	39	0.035441	mg/L	2179611.98	0.399	69.120
	Ca	44	-0.009320	mg/L	216062.89	-0.019	119.603
>	Sc	45		mg/L	482956.16	482956.157	5.052
	Ti	47	-0.000382	mg/L	3030.20	-0.001	30.631
	V	51	0.001442	mg/L	-20451.47	0.016	34.491
	Cr	52	0.000026	mg/L	12991.08	-0.001	224.588
	Mn	55	0.000002	mg/L	1286.10	-0.000	34.101
	Fe	57	0.004111	mg/L	14313.74	0.001	145.612
	Ni	58	-0.000037	mg/L	3446.69	-0.001	159.556
	Co	59	0.000073	mg/L	143.34	-0.000	18.478
	Ni	60	-0.000230	mg/L	209.34	-0.000	42.613
	Ni	62	-0.000132	mg/L	151.34	-0.000	48.421
	Cu	63	-0.000990	mg/L	567.69	-0.000	175.746
	Cu	65	-0.001089	mg/L	399.01	-0.000	1140.817
	Zn	66	-0.002487	mg/L	1594.82	0.000	194.560
	Zn	68	-0.002431	mg/L	1674.84	-0.001	83.925
	Ga	69	-0.000085	mg/L	4101.30	-0.006	19.036
>	Ge	72		mg/L	252466.79	252466.794	5.016
	As	75	0.000014	mg/L	526.43	0.000	775.587
	Se	77	-0.017399	mg/L	5449.36	-0.003	54.981
	Se	82	0.000470	mg/L	75.83	-0.000	253.731
	Sr	88	0.000015	mg/L	702.03	0.000	31.564
>	Y	89		mg/L	967178.87	967178.871	6.248
	Mo	95	0.000657	mg/L	1033.40	0.001	20.341
	Mo	98	0.000637	mg/L	1674.91	0.001	29.868
>	Rh	103		mg/L	862259.72	862259.725	2.920
	Ag	107	-0.000062	mg/L	226.01	-0.000	98.199
	Ag	109	-0.000126	mg/L	183.67	-0.000	69.764
	Cd	111	0.000070	mg/L	43.67	-0.000	87.760
	Cd	114	0.000093	mg/L	111.84	-0.000	153.291
>	In	115		mg/L	1015932.42	1015932.423	4.354
	Sn	118	0.000155	mg/L	972.40	0.001	13.230
	Sn	120	0.000047	mg/L	1283.66	0.001	15.535
	Sb	121	0.000877	mg/L	7515.51	0.006	2.747
	Sb	123	0.000829	mg/L	5665.46	0.004	3.386
	Ba	135	0.000140	mg/L	120.67	0.000	889.141

	Ba	137	0.000013	mg/L	170.31	-0.000	1154.538
>	Tb	159		mg/L	1351642.13	1351642.134	1.427
>	Ho	165		mg/L	1297811.54	1297811.541	3.016
	Hg	202	-0.005261	mg/L	59.67	-0.000	93.164
	Tl	203	0.000012	mg/L	247.67	-0.000	3.815
	Tl	205	-0.000039	mg/L	534.35	-0.001	2.840
	Pb	208	-0.000148	mg/L	721.35	-0.000	68.614
	Bi	209	0.000044	mg/L	427.35	0.000	23.152
	Th	232	0.000782	mg/L	2051.59	-0.001	13.419
	U	238	-0.000042	mg/L	107.67	0.000	36.099

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113050-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 16:53:02
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113050-BLK1.022
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 21

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	95488.23	95488.225	1.478
	Be	9	0.000085	mg/L	22.00	-0.000	58.658
	B	11	-0.000126	mg/L	1010.40	-0.001	96.092
	Na	23	0.030072	mg/L	22874.32	0.006	2.926
	Mg	24	0.000685	mg/L	3093.89	0.004	6.572
	Al	27	0.000760	mg/L	11957.98	0.006	17.240
	Si	28	0.017869	mg/L	188492.52	0.055	39.048
	K	39	0.014426	mg/L	2094935.08	0.239	114.125
	Ca	44	-0.013184	mg/L	214853.08	-0.020	57.090
>	Sc	45		mg/L	480664.21	480664.211	2.927
	Ti	47	-0.000459	mg/L	2996.19	-0.001	11.796
	V	51	0.001467	mg/L	-20362.48	0.016	20.843
	Cr	52	-0.000117	mg/L	12477.02	-0.002	62.314
	Mn	55	0.000000	mg/L	1274.77	-0.000	23.663
	Fe	57	0.000594	mg/L	13813.96	-0.000	341.296
	Ni	58	-0.000031	mg/L	3352.32	-0.001	231.073
	Co	59	0.000073	mg/L	137.34	-0.000	14.825
	Ni	60	-0.000233	mg/L	199.00	-0.000	59.892
	Ni	62	-0.000065	mg/L	156.34	-0.000	102.160
	Cu	63	-0.000980	mg/L	575.02	0.000	1048.453
	Cu	65	-0.001088	mg/L	388.68	-0.000	3960.845
	Zn	66	-0.000962	mg/L	2860.48	0.006	18.238
	Zn	68	-0.001046	mg/L	2477.03	0.003	37.881
	Ga	69	-0.000123	mg/L	3821.84	-0.007	15.501
>	Ge	72		mg/L	245050.37	245050.366	6.571
	As	75	-0.000022	mg/L	473.67	0.000	1252.738
	Se	77	-0.021535	mg/L	5130.50	-0.004	35.958
	Se	82	0.000110	mg/L	52.15	-0.000	80.763
	Sr	88	0.000005	mg/L	620.03	0.000	105.120
>	Y	89		mg/L	965653.46	965653.457	6.777
	Mo	95	0.000262	mg/L	500.35	0.000	25.775
	Mo	98	0.000177	mg/L	656.90	0.000	44.905
>	Rh	103		mg/L	846103.14	846103.142	4.330
	Ag	107	-0.000085	mg/L	144.67	-0.000	9.301
	Ag	109	-0.000144	mg/L	123.34	-0.000	21.103
	Cd	111	0.000075	mg/L	46.67	-0.000	110.121
	Cd	114	0.000093	mg/L	109.70	-0.000	94.674
>	In	115		mg/L	1014603.20	1014603.198	8.199
	Sn	118	-0.000029	mg/L	525.02	0.000	43.147
	Sn	120	-0.000105	mg/L	780.26	0.000	51.379
	Sb	121	-0.000314	mg/L	3744.81	0.002	18.938
	Sb	123	-0.000331	mg/L	2797.35	0.002	17.825
	Ba	135	0.000154	mg/L	128.34	0.000	185.537

	Ba	137	0.000042	mg/L	207.32	0.000	61.631
>	Tb	159		mg/L	1308536.89	1308536.892	5.057
>	Ho	165		mg/L	1258087.76	1258087.762	1.609
	Hg	202	-0.000640	mg/L	66.33	-0.000	85.826
	Tl	203	-0.000020	mg/L	136.00	-0.000	3.635
	Tl	205	-0.000073	mg/L	267.34	-0.001	2.341
	Pb	208	-0.000153	mg/L	653.68	-0.000	13.923
	Bi	209	0.000024	mg/L	236.34	0.000	425.528
	Th	232	0.000721	mg/L	1373.78	-0.001	8.446
	U	238	-0.000045	mg/L	77.67	-0.000	10.422

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113050-BS1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 16:58:08
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113050-BS1.023
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 22

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	101203.09	101203.093	4.912
	Be	9	0.186835	mg/L	34987.56	0.346	3.868
	B	11	0.182163	mg/L	34667.80	0.332	10.569
	Na	23	1.948570	mg/L	4586830.38	9.224	4.526
	Mg	24	1.930876	mg/L	2975594.23	6.013	0.223
	Al	27	0.954935	mg/L	2097208.91	4.226	7.021
	Si	28	0.204180	mg/L	428935.99	0.531	11.104
	K	39	2.038632	mg/L	9753857.09	15.607	4.316
	Ca	44	1.950916	mg/L	451757.96	0.447	3.343
>	Sc	45		mg/L	494665.90	494665.900	2.769
	Ti	47	0.202557	mg/L	64026.19	0.122	3.655
	V	51	0.192970	mg/L	752940.71	1.583	7.102
	Cr	52	0.199129	mg/L	692165.96	1.373	8.169
	Mn	55	0.203689	mg/L	1082721.79	2.186	0.539
	Fe	57	0.891880	mg/L	129848.88	0.233	2.723
	Ni	58	0.201530	mg/L	501151.25	2.042	4.594
	Co	59	0.198903	mg/L	901008.82	3.693	1.274
	Ni	60	0.199553	mg/L	203289.27	0.832	1.718
	Ni	62	0.204536	mg/L	30981.36	0.126	1.361
	Cu	63	0.194733	mg/L	499359.41	2.047	6.729
	Cu	65	0.192889	mg/L	236573.69	0.970	8.940
	Zn	66	0.178065	mg/L	156587.30	0.637	6.236
	Zn	68	0.178920	mg/L	113538.42	0.458	1.062
	Ga	69	0.196541	mg/L	815881.91	3.321	1.874
>	Ge	72		mg/L	243947.87	243947.870	2.861
	As	75	0.203867	mg/L	186219.77	0.762	3.494
	Se	77	0.236992	mg/L	14903.70	0.036	11.272
	Se	82	0.195764	mg/L	12300.06	0.013	4.510
	Sr	88	0.203823	mg/L	1581533.25	1.678	4.185
>	Y	89		mg/L	941828.34	941828.340	3.064
	Mo	95	0.202199	mg/L	267419.30	0.284	3.985
	Mo	98	0.202232	mg/L	438496.14	0.466	8.763
>	Rh	103		mg/L	839143.92	839143.925	3.187
	Ag	107	0.108973	mg/L	367183.20	0.437	4.008
	Ag	109	0.110980	mg/L	354217.54	0.422	0.863
	Cd	111	0.202667	mg/L	171517.15	0.205	5.395
	Cd	114	0.200450	mg/L	409501.01	0.489	7.533
>	In	115		mg/L	1028597.26	1028597.265	2.555
	Sn	118	0.205819	mg/L	503944.67	0.490	4.325
	Sn	120	0.208672	mg/L	695468.55	0.676	5.957
	Sb	121	0.236037	mg/L	756739.72	0.735	4.269
	Sb	123	0.237158	mg/L	595335.99	0.578	2.186
	Ba	135	0.195820	mg/L	175061.56	0.131	4.158

	Ba	137	0.200300	mg/L	303157.08	0.228	2.582
>	Tb	159		mg/L	1329998.10	1329998.102	2.112
>	Ho	165		mg/L	1316199.28	1316199.277	6.165
	Hg	202	0.024674	mg/L	117.34	0.000	11.036
	Tl	203	0.197957	mg/L	662885.36	0.505	8.254
	Tl	205	0.197268	mg/L	1530575.13	1.167	10.558
	Pb	208	0.199797	mg/L	2170601.89	1.651	3.831
	Bi	209	0.199329	mg/L	1831059.23	1.394	4.751
	Th	232	0.204943	mg/L	2163448.24	1.646	7.394
	U	238	0.195849	mg/L	2059054.03	1.572	12.583

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1243-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:03:14
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1243-01.024
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 23

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	100496.18	100496.176	4.563
	Be	9	0.000104	mg/L	26.67	0.000	194.853
	B	11	0.223911	mg/L	42105.78	0.409	8.300
	Na	23	44.948060	mg/L	103651751.42	215.825	0.642
	Mg	24	46.714442	mg/L	69774610.14	145.427	2.836
	Al	27	0.002998	mg/L	16667.49	0.016	22.707
	Si	28	10.999547	mg/L	13621577.65	28.091	8.632
	K	39	12.461425	mg/L	47410394.49	94.736	5.178
	Ca	44	31.918952	mg/L	3854496.89	7.562	0.826
>	Sc	45		mg/L	480094.73	480094.733	3.490
	Ti	47	0.000801	mg/L	3359.32	-0.000	855.543
	V	51	0.006879	mg/L	790.68	0.060	22.554
	Cr	52	0.001004	mg/L	16163.54	0.006	44.308
	Mn	55	0.000205	mg/L	2328.32	0.002	10.274
	Fe	57	0.052397	mg/L	20323.92	0.013	6.690
	Ni	58	0.008061	mg/L	24140.59	0.081	4.543
	Co	59	0.000153	mg/L	519.35	0.001	12.845
	Ni	60	0.008183	mg/L	9056.28	0.035	5.146
	Ni	62	0.008349	mg/L	1472.47	0.005	1.199
	Cu	63	0.002010	mg/L	8479.37	0.031	5.570
	Cu	65	0.001830	mg/L	4077.62	0.015	8.075
	Zn	66	0.011622	mg/L	14135.46	0.050	4.110
	Zn	68	0.012750	mg/L	11360.54	0.038	3.780
	Ga	69	0.001188	mg/L	9543.78	0.015	6.462
>	Ge	72		mg/L	252243.25	252243.252	1.948
	As	75	0.001758	mg/L	2159.31	0.007	29.948
	Se	77	0.037199	mg/L	7586.95	0.005	92.329
	Se	82	0.001151	mg/L	119.78	0.000	165.896
	Sr	88	1.278864	mg/L	10200751.69	10.526	1.411
>	Y	89		mg/L	968832.94	968832.941	2.431
	Mo	95	0.009160	mg/L	12599.53	0.013	7.572
	Mo	98	0.008776	mg/L	19838.03	0.020	10.022
>	Rh	103		mg/L	846437.01	846437.012	2.620
	Ag	107	-0.000035	mg/L	315.01	0.000	47.757
	Ag	109	-0.000095	mg/L	280.67	0.000	65.657
	Cd	111	0.000108	mg/L	75.00	0.000	42.883
	Cd	114	0.000118	mg/L	160.60	0.000	42.057
>	In	115		mg/L	1015873.91	1015873.905	3.176
	Sn	118	0.000257	mg/L	1213.43	0.001	16.633
	Sn	120	0.000339	mg/L	2224.43	0.002	66.726
	Sb	121	-0.000141	mg/L	4316.07	0.003	4.469
	Sb	123	-0.000117	mg/L	3340.03	0.002	8.508
	Ba	135	0.037606	mg/L	33536.50	0.025	2.807

	Ba	137	0.039301	mg/L	59490.36	0.045	0.828
>	Tb	159		mg/L	1327230.86	1327230.857	2.886
>	Ho	165		mg/L	1284437.58	1284437.583	6.196
	Hg	202	-0.002465	mg/L	64.33	-0.000	204.865
	Tl	203	0.000203	mg/L	864.72	0.000	115.023
	Tl	205	0.000153	mg/L	1985.24	0.000	78.240
	Pb	208	0.000164	mg/L	4021.72	0.003	7.538
	Bi	209	0.000215	mg/L	1948.91	0.001	34.764
	Th	232	0.001959	mg/L	14179.45	0.009	26.342
	U	238	0.033577	mg/L	345165.54	0.270	10.840

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113050-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:08:21
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113050-DUP1.025
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 24

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	102881.48	102881.485	4.904
	Be	9	0.000083	mg/L	23.33	-0.000	89.596
	B	11	0.241529	mg/L	46400.74	0.441	8.685
	Na	23	46.514779	mg/L	110895097.43	223.353	2.305
	Mg	24	46.795694	mg/L	72233176.60	145.680	6.339
	Al	27	0.003235	mg/L	17757.21	0.017	19.906
	Si	28	10.839435	mg/L	13888492.14	27.682	7.993
	K	39	12.297677	mg/L	48458222.85	93.493	3.504
	Ca	44	33.002355	mg/L	4115880.59	7.819	2.546
>	Sc	45		mg/L	496670.28	496670.279	4.007
	Ti	47	0.000039	mg/L	3243.61	-0.000	50.158
	V	51	0.004851	mg/L	-7529.60	0.044	45.080
	Cr	52	0.001146	mg/L	17192.77	0.007	44.789
	Mn	55	0.000221	mg/L	2491.70	0.002	12.618
	Fe	57	0.054995	mg/L	21354.28	0.014	5.687
	Ni	58	0.008759	mg/L	25418.08	0.088	0.968
	Co	59	0.000149	mg/L	487.35	0.001	15.102
	Ni	60	0.008498	mg/L	9194.41	0.036	4.071
	Ni	62	0.008544	mg/L	1472.80	0.005	1.661
	Cu	63	0.002223	mg/L	8864.09	0.034	6.515
	Cu	65	0.002021	mg/L	4234.70	0.016	4.666
	Zn	66	0.012853	mg/L	14931.07	0.054	1.773
	Zn	68	0.013583	mg/L	11659.94	0.040	6.122
	Ga	69	0.001176	mg/L	9300.18	0.015	6.849
>	Ge	72		mg/L	247206.19	247206.195	1.378
	As	75	0.001397	mg/L	1782.37	0.005	71.453
	Se	77	0.085019	mg/L	9283.50	0.013	1.116
	Se	82	0.000846	mg/L	101.52	0.000	459.564
	Sr	88	1.324788	mg/L	10580114.75	10.904	5.585
>	Y	89		mg/L	971057.84	971057.843	2.983
	Mo	95	0.009215	mg/L	12721.70	0.013	2.306
	Mo	98	0.008873	mg/L	20134.24	0.020	4.325
>	Rh	103		mg/L	823289.21	823289.207	4.548
	Ag	107	-0.000081	mg/L	153.67	-0.000	6.425
	Ag	109	-0.000139	mg/L	134.34	-0.000	29.128
	Cd	111	0.000104	mg/L	69.33	0.000	27.566
	Cd	114	0.000119	mg/L	158.48	0.000	57.244
>	In	115		mg/L	1054233.90	1054233.898	0.919
	Sn	118	0.000020	mg/L	667.70	0.000	35.262
	Sn	120	-0.000061	mg/L	963.44	0.000	30.811
	Sb	121	-0.000296	mg/L	3968.57	0.002	11.847
	Sb	123	-0.000256	mg/L	3107.44	0.002	9.933
	Ba	135	0.038990	mg/L	35538.38	0.026	5.108

	Ba	137	0.038607	mg/L	59721.81	0.044	6.345
>	Tb	159		mg/L	1358343.68	1358343.685	3.710
>	Ho	165		mg/L	1332130.35	1332130.352	3.450
	Hg	202	-0.000887	mg/L	69.67	-0.000	385.139
	Tl	203	0.000033	mg/L	324.01	-0.000	7.103
	Tl	205	-0.000023	mg/L	676.70	-0.001	10.540
	Pb	208	0.000237	mg/L	4976.91	0.003	3.570
	Bi	209	0.000053	mg/L	523.69	0.000	15.661
	Th	232	0.001057	mg/L	5053.46	0.002	28.402
	U	238	0.032730	mg/L	349800.90	0.263	8.719

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113050-MS1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:13:29
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113050-MS1.026
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 25

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	112757.51	112757.513	1.366
	Be	9	0.184540	mg/L	38557.22	0.342	5.951
	B	11	0.395485	mg/L	82730.49	0.722	5.407
	Na	23	48.609447	mg/L	114916582.81	233.417	1.031
	Mg	24	49.118660	mg/L	75281444.30	152.911	3.845
	Al	27	0.991889	mg/L	2169429.88	4.389	2.073
	Si	28	11.028086	mg/L	14025666.99	28.164	3.819
	K	39	14.613381	mg/L	56684735.74	111.074	6.895
	Ca	44	34.767152	mg/L	4283515.92	8.238	5.516
>	Sc	45		mg/L	492206.61	492206.606	0.893
	Ti	47	0.199883	mg/L	62926.53	0.121	3.367
	V	51	0.200106	mg/L	779040.49	1.641	3.586
	Cr	52	0.205678	mg/L	711835.68	1.419	3.045
	Mn	55	0.203989	mg/L	1078791.66	2.189	5.123
	Fe	57	0.957013	mg/L	137571.00	0.251	2.273
	Ni	58	0.198196	mg/L	513078.23	2.008	11.212
	Co	59	0.187079	mg/L	881833.91	3.473	9.784
	Ni	60	0.198976	mg/L	211246.89	0.830	5.818
	Ni	62	0.202319	mg/L	32000.96	0.125	3.003
	Cu	63	0.184065	mg/L	493388.22	1.936	3.335
	Cu	65	0.181854	mg/L	232919.11	0.915	6.323
	Zn	66	0.180630	mg/L	165387.34	0.646	10.351
	Zn	68	0.182515	mg/L	120417.55	0.467	10.660
	Ga	69	0.195799	mg/L	846954.96	3.308	5.739
>	Ge	72		mg/L	254909.19	254909.192	6.479
	As	75	0.203784	mg/L	194376.94	0.762	3.455
	Se	77	0.295006	mg/L	17824.31	0.045	13.385
	Se	82	0.197611	mg/L	12831.24	0.013	13.605
	Sr	88	1.525152	mg/L	12243205.03	12.554	6.781
>	Y	89		mg/L	978004.34	978004.345	6.581
	Mo	95	0.212612	mg/L	291867.14	0.299	2.874
	Mo	98	0.207939	mg/L	467723.95	0.479	6.343
>	Rh	103		mg/L	835970.60	835970.604	5.188
	Ag	107	0.112132	mg/L	375496.08	0.450	4.970
	Ag	109	0.115081	mg/L	364735.54	0.437	9.238
	Cd	111	0.216255	mg/L	181890.70	0.218	9.575
	Cd	114	0.204654	mg/L	416252.89	0.499	6.310
>	In	115		mg/L	1030134.86	1030134.862	3.582
	Sn	118	0.212493	mg/L	521611.78	0.506	2.218
	Sn	120	0.215987	mg/L	720808.22	0.700	4.524
	Sb	121	0.252512	mg/L	809481.44	0.786	7.975
	Sb	123	0.248368	mg/L	623121.60	0.605	9.288
	Ba	135	0.231193	mg/L	213167.71	0.155	9.121

	Ba	137	0.235732	mg/L	368420.15	0.268	7.360
>	Tb	159		mg/L	1376309.18	1376309.178	4.858
>	Ho	165		mg/L	1337560.18	1337560.183	1.511
	Hg	202	0.017261	mg/L	105.00	0.000	38.171
	Tl	203	0.197723	mg/L	675073.18	0.504	0.985
	Tl	205	0.201050	mg/L	1591844.81	1.189	0.804
	Pb	208	0.202400	mg/L	2236887.39	1.673	4.450
	Bi	209	0.197267	mg/L	1844987.91	1.379	1.041
	Th	232	0.215981	mg/L	2324632.17	1.736	1.543
	U	238	0.246210	mg/L	2643856.02	1.976	1.182

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113050-MSD1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:18:35
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113050-MSD1.027
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 26

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	111748.89	111748.892	5.051
	Be	9	0.182154	mg/L	37655.20	0.337	4.321
	B	11	0.375528	mg/L	77652.29	0.686	10.036
	Na	23	48.368262	mg/L	108895565.16	232.258	2.034
	Mg	24	50.322199	mg/L	73305691.78	156.658	6.334
	Al	27	1.011881	mg/L	2098771.28	4.477	12.310
	Si	28	11.190907	mg/L	13506976.35	28.580	10.769
	K	39	14.619305	mg/L	53946891.12	111.119	5.710
	Ca	44	33.657263	mg/L	3955423.93	7.975	3.191
>	Sc	45		mg/L	469090.76	469090.755	6.017
	Ti	47	0.204326	mg/L	61118.13	0.124	5.499
	V	51	0.212776	mg/L	787160.83	1.745	11.581
	Cr	52	0.212983	mg/L	699083.47	1.469	11.558
	Mn	55	0.203981	mg/L	1026705.50	2.189	3.980
	Fe	57	0.946525	mg/L	129706.69	0.248	2.223
	Ni	58	0.207582	mg/L	500749.06	2.103	2.903
	Co	59	0.199533	mg/L	876906.29	3.704	4.245
	Ni	60	0.209544	mg/L	207062.39	0.874	5.472
	Ni	62	0.213410	mg/L	31350.64	0.132	1.626
	Cu	63	0.190062	mg/L	473081.77	1.998	4.665
	Cu	65	0.185657	mg/L	221096.20	0.934	6.590
	Zn	66	0.188755	mg/L	160880.41	0.674	3.641
	Zn	68	0.194367	mg/L	119363.47	0.497	1.836
	Ga	69	0.204948	mg/L	824771.56	3.463	3.710
>	Ge	72		mg/L	236561.83	236561.831	1.556
	As	75	0.203873	mg/L	180608.38	0.762	5.337
	Se	77	0.318868	mg/L	17469.31	0.049	10.079
	Se	82	0.190982	mg/L	12029.11	0.013	6.005
	Sr	88	1.560149	mg/L	12130348.19	12.842	2.849
>	Y	89		mg/L	944127.65	944127.654	2.486
	Mo	95	0.216178	mg/L	286510.54	0.304	6.459
	Mo	98	0.211304	mg/L	459476.54	0.487	7.781
>	Rh	103		mg/L	825775.26	825775.257	2.943
	Ag	107	0.111683	mg/L	370214.22	0.448	3.217
	Ag	109	0.112388	mg/L	352999.31	0.427	1.212
	Cd	111	0.200101	mg/L	166565.53	0.202	7.282
	Cd	114	0.192024	mg/L	385764.41	0.468	11.380
>	In	115		mg/L	974694.34	974694.341	2.977
	Sn	118	0.216335	mg/L	501692.63	0.515	5.634
	Sn	120	0.224018	mg/L	707241.35	0.726	6.191
	Sb	121	0.252810	mg/L	767671.13	0.787	4.004
	Sb	123	0.247555	mg/L	588830.29	0.603	0.626
	Ba	135	0.233838	mg/L	205022.85	0.157	2.488

	Ba	137	0.244775	mg/L	363141.07	0.278	4.236
>	Tb	159		mg/L	1304774.80	1304774.795	3.601
>	Ho	165		mg/L	1265686.76	1265686.761	6.134
	Hg	202	0.020414	mg/L	104.67	0.000	37.630
	Tl	203	0.207369	mg/L	668181.52	0.529	6.756
	Tl	205	0.211587	mg/L	1578678.44	1.251	10.300
	Pb	208	0.202801	mg/L	2118296.12	1.676	4.423
	Bi	209	0.203940	mg/L	1804586.71	1.426	1.021
	Th	232	0.229032	mg/L	2327000.31	1.841	5.946
	U	238	0.260834	mg/L	2640244.37	2.094	9.172

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1244-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:23:40
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1244-01.028
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 27

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	101107.10	101107.104	2.831
	Be	9	0.000091	mg/L	24.33	-0.000	1930.690
	B	11	0.377808	mg/L	70768.39	0.690	10.077
	Na	23	S	mg/L	S	S	S
	Mg	24	42.896742	mg/L	63383540.82	133.542	5.120
	Al	27	0.049824	mg/L	114550.26	0.223	11.489
	Si	28	1.777885	mg/L	2318326.52	4.548	5.671
	K	39	9.195365	mg/L	35201512.29	69.941	2.451
	Ca	44	76.721728	mg/L	8877460.22	18.199	2.433
>	Sc	45		mg/L	475390.78	475390.780	5.363
	Ti	47	-0.000363	mg/L	2984.85	-0.001	57.614
	V	51	-0.001515	mg/L	-31816.17	-0.008	83.376
	Cr	52	0.001890	mg/L	18883.79	0.012	26.322
	Mn	55	0.002772	mg/L	15416.94	0.029	5.207
	Fe	57	0.208824	mg/L	39630.20	0.054	5.325
	Ni	58	0.003148	mg/L	11203.35	0.031	3.601
	Co	59	0.000248	mg/L	929.39	0.003	8.344
	Ni	60	0.002489	mg/L	2959.85	0.011	9.888
	Ni	62	0.002991	mg/L	614.36	0.002	23.911
	Cu	63	0.000492	mg/L	4334.08	0.015	7.918
	Cu	65	0.000107	mg/L	1844.87	0.006	3.720
	Zn	66	0.000945	mg/L	4491.49	0.012	7.633
	Zn	68	0.001789	mg/L	4216.69	0.010	15.698
	Ga	69	0.001097	mg/L	8839.06	0.014	16.414
>	Ge	72		mg/L	243811.14	243811.136	2.746
	As	75	0.001565	mg/L	1912.93	0.006	30.024
	Se	77	0.089438	mg/L	9319.88	0.013	15.204
	Se	82	0.003343	mg/L	257.26	0.000	32.301
	Sr	88	1.667265	mg/L	13097345.26	13.723	6.233
>	Y	89		mg/L	955196.61	955196.607	2.282
	Mo	95	0.004451	mg/L	6118.12	0.006	2.041
	Mo	98	0.004426	mg/L	10010.35	0.010	5.125
>	Rh	103		mg/L	808252.32	808252.316	3.935
	Ag	107	-0.000046	mg/L	264.34	0.000	54.118
	Ag	109	-0.000105	mg/L	237.01	0.000	78.140
	Cd	111	0.000093	mg/L	59.33	0.000	135.898
	Cd	114	0.000108	mg/L	132.50	0.000	116.931
>	In	115		mg/L	1046242.35	1046242.352	3.002
	Sn	118	0.000282	mg/L	1315.11	0.001	15.905
	Sn	120	0.000192	mg/L	1813.59	0.001	18.659
	Sb	121	-0.000417	mg/L	3544.73	0.002	11.192
	Sb	123	-0.000348	mg/L	2848.77	0.002	9.775
	Ba	135	0.034894	mg/L	32013.61	0.023	7.136

	Ba	137	0.035362	mg/L	54985.50	0.040	10.683
>	Tb	159		mg/L	1370859.97	1370859.966	8.165
>	Ho	165		mg/L	1329767.22	1329767.219	7.721
	Hg	202	-0.005827	mg/L	60.33	-0.000	35.099
	Tl	203	0.000250	mg/L	1055.07	0.000	58.415
	Tl	205	0.000195	mg/L	2368.34	0.001	73.598
	Pb	208	-0.000088	mg/L	1392.39	0.000	18.128
	Bi	209	0.000226	mg/L	2112.62	0.001	39.226
	Th	232	0.002030	mg/L	15341.69	0.009	28.317
	U	238	0.002053	mg/L	22332.31	0.017	12.051

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1245-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:28:45
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1245-01.029
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 28

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	108860.72	108860.717	1.199
	Be	9	0.000136	mg/L	35.33	0.000	26.717
	B	11	0.406588	mg/L	82086.73	0.742	4.015
	Na	23	42.131670	mg/L	97302260.46	202.293	2.629
	Mg	24	16.946607	mg/L	25379322.65	52.758	1.813
	Al	27	1.083708	mg/L	2314815.64	4.795	2.670
	Si	28	12.862393	mg/L	15946996.42	32.847	3.902
	K	39	4.643282	mg/L	18971689.29	35.381	8.474
	Ca	44	55.639236	mg/L	6562876.80	13.194	5.727
>	Sc	45		mg/L	480930.43	480930.432	3.070
	Ti	47	0.066647	mg/L	22631.60	0.040	14.905
	V	51	0.002014	mg/L	-18003.20	0.021	141.289
	Cr	52	0.015357	mg/L	63800.11	0.105	5.937
	Mn	55	0.035942	mg/L	186568.43	0.385	8.496
	Fe	57	1.382419	mg/L	187916.29	0.362	4.652
	Ni	58	0.012977	mg/L	36450.39	0.131	10.903
	Co	59	0.000870	mg/L	3849.19	0.014	8.749
	Ni	60	0.004629	mg/L	5257.93	0.020	20.671
	Ni	62	0.004269	mg/L	835.71	0.003	11.061
	Cu	63	0.000949	mg/L	5657.82	0.020	2.923
	Cu	65	0.000756	mg/L	2710.10	0.009	7.632
	Zn	66	0.043049	mg/L	41767.95	0.161	10.560
	Zn	68	0.045060	mg/L	31744.74	0.119	11.052
	Ga	69	0.003409	mg/L	18901.15	0.053	9.489
>	Ge	72		mg/L	251287.80	251287.803	5.337
	As	75	0.001088	mg/L	1528.41	0.004	35.523
	Se	77	0.133639	mg/L	11310.81	0.020	13.937
	Se	82	0.001228	mg/L	128.96	0.000	61.339
	Sr	88	0.522136	mg/L	4300869.21	4.298	3.056
>	Y	89		mg/L	1001325.79	1001325.785	3.812
	Mo	95	0.001029	mg/L	1599.82	0.001	7.750
	Mo	98	0.000971	mg/L	2515.30	0.002	11.594
>	Rh	103		mg/L	837974.37	837974.370	4.105
	Ag	107	-0.000065	mg/L	210.34	-0.000	98.676
	Ag	109	-0.000120	mg/L	198.67	-0.000	586.351
	Cd	111	0.000103	mg/L	69.33	0.000	63.741
	Cd	114	0.000104	mg/L	130.16	0.000	62.892
>	In	115		mg/L	1043865.89	1043865.894	5.464
	Sn	118	0.000111	mg/L	887.05	0.000	9.665
	Sn	120	0.000052	mg/L	1336.66	0.001	12.520
	Sb	121	-0.000576	mg/L	3023.54	0.001	23.532
	Sb	123	-0.000541	mg/L	2353.88	0.001	17.051
	Ba	135	0.101997	mg/L	94734.61	0.068	11.756

	Ba	137	0.105203	mg/L	165481.77	0.120	13.510
>	Tb	159		mg/L	1389959.67	1389959.673	6.951
>	Ho	165		mg/L	1348688.56	1348688.562	2.239
	Hg	202	-0.006224	mg/L	60.33	-0.000	45.044
	Tl	203	0.000083	mg/L	501.02	-0.000	31.599
	Tl	205	0.000046	mg/L	1233.10	-0.000	28.423
	Pb	208	0.002861	mg/L	34260.95	0.025	2.382
	Bi	209	0.000084	mg/L	819.05	0.000	13.268
	Th	232	0.001422	mg/L	9077.33	0.005	20.007
	U	238	0.003794	mg/L	41605.46	0.031	5.189

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1246-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:33:49
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1246-01.030
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 29

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	106825.31	106825.311	5.567
	Be	9	0.000084	mg/L	24.33	-0.000	155.750
	B	11	0.028801	mg/L	6764.59	0.052	8.263
	Na	23	7.957974	mg/L	18008490.32	38.098	1.045
	Mg	24	6.772313	mg/L	9962097.61	21.085	1.542
	Al	27	0.002738	mg/L	15869.01	0.015	11.981
	Si	28	10.166372	mg/L	12390388.01	25.964	9.295
	K	39	3.770337	mg/L	15494873.86	28.754	8.665
	Ca	44	67.739557	mg/L	7799079.09	16.066	5.059
>	Sc	45		mg/L	472255.24	472255.242	4.113
	Ti	47	-0.000763	mg/L	2855.14	-0.001	24.574
	V	51	-0.003069	mg/L	-37535.54	-0.021	10.664
	Cr	52	0.001646	mg/L	17977.29	0.010	29.746
	Mn	55	0.005511	mg/L	29125.94	0.059	8.837
	Fe	57	0.114574	mg/L	27677.36	0.030	2.937
	Ni	58	0.001154	mg/L	6481.71	0.011	24.809
	Co	59	0.000147	mg/L	488.68	0.001	16.447
	Ni	60	0.001308	mg/L	1826.87	0.006	1.207
	Ni	62	0.000656	mg/L	274.34	0.000	16.508
	Cu	63	0.006355	mg/L	19944.39	0.077	2.532
	Cu	65	0.006046	mg/L	9383.94	0.036	7.487
	Zn	66	0.478095	mg/L	427642.07	1.694	11.117
	Zn	68	0.480036	mg/L	308975.84	1.220	8.127
	Ga	69	0.001270	mg/L	9886.81	0.017	5.691
>	Ge	72		mg/L	252381.88	252381.880	4.583
	As	75	-0.000207	mg/L	313.51	-0.001	454.052
	Se	77	0.141167	mg/L	11656.92	0.021	14.144
	Se	82	0.000292	mg/L	67.33	-0.000	66.353
	Sr	88	0.341839	mg/L	2813382.16	2.814	2.521
>	Y	89		mg/L	1000701.56	1000701.560	6.396
	Mo	95	0.002310	mg/L	3395.00	0.003	4.243
	Mo	98	0.002227	mg/L	5394.68	0.005	9.508
>	Rh	103		mg/L	847738.02	847738.020	4.385
	Ag	107	-0.000085	mg/L	145.67	-0.000	13.913
	Ag	109	-0.000144	mg/L	122.34	-0.000	19.409
	Cd	111	0.000095	mg/L	64.33	0.000	11.499
	Cd	114	0.000106	mg/L	135.96	0.000	16.687
>	In	115		mg/L	1030206.75	1030206.751	6.256
	Sn	118	-0.000007	mg/L	588.69	0.000	39.549
	Sn	120	-0.000104	mg/L	798.64	0.000	26.195
	Sb	121	-0.000642	mg/L	2770.12	0.001	16.032
	Sb	123	-0.000607	mg/L	2160.59	0.001	14.193
	Ba	135	0.039574	mg/L	36812.94	0.026	9.134

	Ba	137	0.039755	mg/L	62809.36	0.045	7.261
>	Tb	159		mg/L	1387208.36	1387208.364	3.073
>	Ho	165		mg/L	1360738.30	1360738.301	2.906
	Hg	202	-0.006183	mg/L	61.00	-0.000	81.355
	Tl	203	0.000032	mg/L	329.01	-0.000	9.128
	Tl	205	-0.000016	mg/L	747.37	-0.001	4.212
	Pb	208	0.000679	mg/L	10047.28	0.007	4.676
	Bi	209	0.000043	mg/L	439.02	0.000	14.368
	Th	232	0.000893	mg/L	3373.00	0.000	55.403
	U	238	0.006396	mg/L	70364.32	0.052	4.071

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1345-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:38:54
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1345-01.031
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 30

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	88109.48	88109.477	8.471
	Be	9	0.000089	mg/L	21.00	-0.000	548.104
	B	11	0.974562	mg/L	157279.37	1.780	8.474
	Na	23	S	mg/L	S	S	S
	Mg	24	109.591027	mg/L	148073126.89	341.164	3.942
	Al	27	0.004372	mg/L	17726.80	0.022	13.139
	Si	28	5.781759	mg/L	6556983.06	14.770	4.499
	K	39	39.469190	mg/L	131987619.25	299.779	2.073
	Ca	44	161.071844	mg/L	16826442.05	38.226	6.298
>	Sc	45		mg/L	434429.27	434429.269	3.632
	Ti	47	0.000406	mg/L	2933.17	-0.000	152.318
	V	51	-0.009661	mg/L	-57806.91	-0.075	29.780
	Cr	52	0.002129	mg/L	18003.32	0.014	11.887
	Mn	55	0.051336	mg/L	240791.17	0.551	4.406
	Fe	57	2.123527	mg/L	254386.15	0.556	2.460
	Ni	58	0.018266	mg/L	43695.65	0.185	1.374
	Co	59	0.001543	mg/L	6112.79	0.027	6.993
	Ni	60	0.006205	mg/L	6055.75	0.027	7.725
	Ni	62	0.009979	mg/L	1498.47	0.006	14.639
	Cu	63	0.003515	mg/L	10829.90	0.047	5.667
	Cu	65	0.002088	mg/L	3829.18	0.016	4.188
	Zn	66	0.062195	mg/L	51377.04	0.228	3.416
	Zn	68	0.061945	mg/L	37163.99	0.162	6.216
	Ga	69	0.001280	mg/L	8617.18	0.017	23.235
>	Ge	72		mg/L	219430.59	219430.592	4.265
	As	75	0.004252	mg/L	3914.57	0.016	6.282
	Se	77	0.184388	mg/L	11615.20	0.028	8.451
	Se	82	0.013729	mg/L	830.35	0.001	13.140
	Sr	88	4.339714	mg/L	30913208.78	35.720	3.885
>	Y	89		mg/L	866165.23	866165.226	5.032
	Mo	95	0.003615	mg/L	4531.84	0.005	3.327
	Mo	98	0.003494	mg/L	7213.30	0.008	3.629
>	Rh	103		mg/L	780787.28	780787.281	5.497
	Ag	107	-0.000080	mg/L	149.00	-0.000	21.729
	Ag	109	-0.000141	mg/L	120.00	-0.000	29.813
	Cd	111	0.000095	mg/L	59.00	0.000	57.358
	Cd	114	0.000097	mg/L	107.33	-0.000	415.600
>	In	115		mg/L	965858.17	965858.172	2.364
	Sn	118	-0.000049	mg/L	452.68	0.000	8.845
	Sn	120	-0.000144	mg/L	625.80	0.000	23.058
	Sb	121	-0.000459	mg/L	3148.91	0.002	7.954
	Sb	123	-0.000397	mg/L	2515.86	0.001	10.543
	Ba	135	0.027061	mg/L	22505.72	0.018	6.562

	Ba	137	0.027896	mg/L	39352.77	0.032	11.382
>	Tb	159		mg/L	1241486.28	1241486.279	6.505
>	Ho	165		mg/L	1226466.43	1226466.431	5.392
	Hg	202	0.001493	mg/L	68.67	0.000	1034.809
	Tl	203	0.000008	mg/L	220.34	-0.000	7.817
	Tl	205	-0.000050	mg/L	425.01	-0.001	4.177
	Pb	208	0.000108	mg/L	3271.59	0.002	5.614
	Bi	209	0.000030	mg/L	279.01	0.000	20.911
	Th	232	0.001063	mg/L	4715.94	0.002	13.639
	U	238	0.001496	mg/L	15197.87	0.012	9.385

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:43:59
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.032
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	86369.11	86369.113	4.639
	Be	9	0.000096	mg/L	21.67	0.000	335.181
	B	11	0.006680	mg/L	1991.24	0.012	29.481
	Na	23	0.066774	mg/L	90401.81	0.183	35.192
	Mg	24	0.001912	mg/L	4116.23	0.008	82.480
	Al	27	0.000303	mg/L	9234.12	0.004	48.273
	Si	28	0.030356	mg/L	171135.68	0.087	58.307
	K	39	-0.066547	mg/L	1514230.75	-0.376	61.329
	Ca	44	0.441200	mg/L	224297.72	0.088	39.232
>	Sc	45		mg/L	404881.62	404881.621	5.438
	Ti	47	-0.001676	mg/L	2223.63	-0.002	19.351
	V	51	0.001774	mg/L	-16063.06	0.019	20.800
	Cr	52	-0.000344	mg/L	9850.45	-0.003	78.240
	Mn	55	-0.000014	mg/L	1010.07	-0.001	35.091
	Fe	57	-0.015749	mg/L	9895.15	-0.004	20.895
	Ni	58	0.001311	mg/L	5601.45	0.013	15.421
	Co	59	0.000075	mg/L	124.34	-0.000	13.630
	Ni	60	-0.000214	mg/L	183.34	-0.000	78.632
	Ni	62	0.000308	mg/L	179.34	0.000	75.169
	Cu	63	-0.000976	mg/L	491.68	0.000	338.871
	Cu	65	-0.001042	mg/L	372.68	0.000	52.604
	Zn	66	-0.002295	mg/L	1437.80	0.001	38.000
	Zn	68	-0.002290	mg/L	1435.13	-0.000	70.949
	Ga	69	-0.000112	mg/L	3245.62	-0.007	17.385
>	Ge	72		mg/L	204968.51	204968.510	4.667
	As	75	0.000403	mg/L	710.04	0.002	13.760
	Se	77	-0.097035	mg/L	1902.22	-0.016	5.346
	Se	82	0.000689	mg/L	79.00	0.000	585.327
	Sr	88	0.000080	mg/L	1070.42	0.001	87.291
>	Y	89		mg/L	845299.00	845298.999	4.751
	Mo	95	0.000140	mg/L	294.34	0.000	38.841
	Mo	98	0.000081	mg/L	393.34	0.000	40.331
>	Rh	103		mg/L	796092.15	796092.147	3.480
	Ag	107	-0.000087	mg/L	130.00	-0.000	16.987
	Ag	109	-0.000145	mg/L	112.00	-0.000	15.740
	Cd	111	0.000067	mg/L	38.00	-0.000	88.748
	Cd	114	0.000082	mg/L	81.82	-0.000	17.832
>	In	115		mg/L	945451.41	945451.414	4.380
	Sn	118	-0.000069	mg/L	398.01	0.000	356.036
	Sn	120	-0.000176	mg/L	510.60	-0.000	205.894
	Sb	121	-0.001326	mg/L	543.36	-0.001	9.579
	Sb	123	-0.001292	mg/L	412.57	-0.001	8.909
	Ba	135	0.000136	mg/L	112.00	-0.000	338.481

	Ba	137	0.000020	mg/L	174.68	0.000	248.975
>	Tb	159		mg/L	1302158.08	1302158.075	1.068
>	Ho	165		mg/L	1265772.78	1265772.776	5.553
	Hg	202	-0.005019	mg/L	58.67	-0.000	28.434
	Tl	203	0.000001	mg/L	204.67	-0.000	6.594
	Tl	205	-0.000048	mg/L	454.35	-0.001	4.629
	Pb	208	-0.000158	mg/L	599.35	-0.000	24.365
	Bi	209	0.000015	mg/L	158.00	-0.000	25.823
	Th	232	0.000673	mg/L	881.72	-0.001	3.675
	U	238	-0.000044	mg/L	86.67	-0.000	479.629

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:49:03
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.033
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	93612.75	93612.753	4.496
	Be	9	0.038815	mg/L	6733.56	0.072	2.226
	B	11	0.044468	mg/L	8604.82	0.081	6.206
	Na	23	0.484333	mg/L	1023750.07	2.189	5.073
	Mg	24	0.446256	mg/L	639428.26	1.391	3.579
	Al	27	0.223905	mg/L	463705.71	0.993	4.959
	Si	28	0.051914	mg/L	219513.54	0.142	30.832
	K	39	0.376557	mg/L	3259433.77	2.988	13.839
	Ca	44	0.643513	mg/L	276562.84	0.136	15.588
>	Sc	45		mg/L	458984.29	458984.289	4.166
	Ti	47	0.037282	mg/L	13375.98	0.022	1.721
	V	51	0.031524	mg/L	93386.79	0.262	1.526
	Cr	52	0.040147	mg/L	139146.15	0.276	10.168
	Mn	55	0.041115	mg/L	203530.08	0.441	4.875
	Fe	57	0.162601	mg/L	32679.34	0.042	3.585
	Ni	58	0.043315	mg/L	104519.51	0.438	10.146
	Co	59	0.041766	mg/L	179222.30	0.774	4.352
	Ni	60	0.039697	mg/L	38732.62	0.166	1.194
	Ni	62	0.041750	mg/L	6130.47	0.026	4.166
	Cu	63	0.038693	mg/L	96418.94	0.415	6.879
	Cu	65	0.039265	mg/L	46929.38	0.202	9.341
	Zn	66	0.034367	mg/L	31439.63	0.130	9.674
	Zn	68	0.034132	mg/L	22909.06	0.092	7.093
	Ga	69	0.041037	mg/L	165001.50	0.690	0.515
>	Ge	72		mg/L	231673.35	231673.353	6.173
	As	75	0.039812	mg/L	34868.65	0.149	4.995
	Se	77	0.146204	mg/L	10863.93	0.022	19.082
	Se	82	0.038634	mg/L	2409.46	0.003	14.045
	Sr	88	0.040825	mg/L	311279.69	0.336	2.817
>	Y	89		mg/L	924282.87	924282.872	4.808
	Mo	95	0.041277	mg/L	53652.50	0.058	5.396
	Mo	98	0.041380	mg/L	88159.93	0.095	9.814
>	Rh	103		mg/L	866280.43	866280.430	1.439
	Ag	107	0.021562	mg/L	75302.12	0.087	6.971
	Ag	109	0.021865	mg/L	72532.06	0.083	5.648
	Cd	111	0.041428	mg/L	36215.71	0.042	0.991
	Cd	114	0.040442	mg/L	85326.53	0.098	5.681
>	In	115		mg/L	1073515.63	1073515.625	4.470
	Sn	118	0.041532	mg/L	106548.17	0.099	5.028
	Sn	120	0.042137	mg/L	147231.08	0.137	9.993
	Sb	121	0.039586	mg/L	136313.89	0.126	10.817
	Sb	123	0.038778	mg/L	104628.78	0.096	6.971
	Ba	135	0.040413	mg/L	37445.67	0.027	11.481

	Ba	137	0.041010	mg/L	64592.83	0.047	5.996
>	Tb	159		mg/L	1383054.09	1383054.089	3.617
>	Ho	165		mg/L	1373233.97	1373233.974	2.924
	Hg	202	-0.004886	mg/L	64.00	-0.000	43.023
	Tl	203	0.042001	mg/L	147269.33	0.107	4.449
	Tl	205	0.042731	mg/L	347589.91	0.252	7.768
	Pb	208	0.041685	mg/L	474913.56	0.345	2.570
	Bi	209	0.043262	mg/L	415627.63	0.302	3.152
	Th	232	0.043198	mg/L	472030.86	0.342	2.051
	U	238	0.042023	mg/L	463125.17	0.338	6.813

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:54:07
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.034
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	96099.97	96099.965	3.508
	Be	9	0.000112	mg/L	27.00	0.000	105.979
	B	11	0.001323	mg/L	1270.43	0.002	15.942
	Na	23	0.042775	mg/L	50198.19	0.067	15.000
	Mg	24	-0.000382	mg/L	1437.13	0.001	19.047
	Al	27	0.001027	mg/L	12047.80	0.007	34.276
	Si	28	0.010169	mg/L	172345.22	0.035	90.732
	K	39	-0.090100	mg/L	1650981.78	-0.554	15.311
	Ca	44	0.198045	mg/L	229972.24	0.031	66.915
>	Sc	45		mg/L	462794.54	462794.537	3.228
	Ti	47	-0.001253	mg/L	2661.08	-0.001	16.132
	V	51	-0.006675	mg/L	-50479.12	-0.050	15.184
	Cr	52	0.001577	mg/L	17412.86	0.010	26.081
	Mn	55	0.000068	mg/L	1564.82	0.000	19.570
	Fe	57	-0.016595	mg/L	11216.03	-0.005	11.712
	Ni	58	0.001054	mg/L	5837.27	0.010	1.688
	Co	59	0.000073	mg/L	133.67	-0.000	26.546
	Ni	60	-0.000193	mg/L	232.34	0.000	448.132
	Ni	62	0.000089	mg/L	173.34	0.000	79.175
	Cu	63	-0.000980	mg/L	556.36	0.000	467.358
	Cu	65	-0.001051	mg/L	418.35	0.000	72.878
	Zn	66	-0.002385	mg/L	1581.49	0.001	30.692
	Zn	68	-0.001626	mg/L	2048.92	0.001	13.418
	Ga	69	0.000165	mg/L	4841.67	-0.002	47.136
>	Ge	72		mg/L	235884.07	235884.073	1.304
	As	75	-0.000261	mg/L	233.98	-0.001	100.733
	Se	77	0.100521	mg/L	9427.65	0.015	6.286
	Se	82	-0.000111	mg/L	38.76	-0.000	53.893
	Sr	88	0.000021	mg/L	740.04	0.000	36.376
>	Y	89		mg/L	956498.63	956498.634	1.997
	Mo	95	0.000399	mg/L	683.70	0.001	18.316
	Mo	98	0.000346	mg/L	1031.82	0.001	18.776
>	Rh	103		mg/L	868802.91	868802.907	6.481
	Ag	107	-0.000059	mg/L	237.34	-0.000	131.020
	Ag	109	-0.000125	mg/L	187.67	-0.000	8.552
	Cd	111	0.000084	mg/L	55.33	0.000	696.772
	Cd	114	0.000088	mg/L	100.39	-0.000	89.201
>	In	115		mg/L	1050830.42	1050830.419	2.043
	Sn	118	0.000027	mg/L	683.03	0.000	11.365
	Sn	120	-0.000066	mg/L	944.39	0.000	16.379
	Sb	121	0.001332	mg/L	9246.50	0.007	15.142
	Sb	123	0.001323	mg/L	7115.95	0.006	17.563
	Ba	135	0.000149	mg/L	129.67	0.000	47.145

	Ba	137	0.000017	mg/L	179.64	0.000	378.566
>	Tb	159		mg/L	1369205.34	1369205.342	5.136
>	Ho	165		mg/L	1341141.79	1341141.787	5.430
	Hg	202	-0.007768	mg/L	57.00	-0.000	32.894
	Tl	203	0.000010	mg/L	248.01	-0.000	5.311
	Tl	205	-0.000040	mg/L	543.36	-0.001	5.237
	Pb	208	-0.000154	mg/L	687.35	-0.000	32.221
	Bi	209	0.000088	mg/L	850.05	0.000	33.068
	Th	232	0.001435	mg/L	9160.41	0.005	20.397
	U	238	-0.000038	mg/L	155.34	0.000	13.423

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 17:59:11
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.035
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 31

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	92340.57	92340.569	1.237
	Be	9	0.000142	mg/L	31.00	0.000	59.400
	B	11	0.001232	mg/L	1206.09	0.002	38.848
	Na	23	0.037575	mg/L	38379.98	0.042	7.445
	Mg	24	0.000895	mg/L	3249.28	0.005	9.153
	Al	27	0.001654	mg/L	13249.58	0.010	37.594
	Si	28	0.025727	mg/L	189266.24	0.075	22.294
	K	39	-0.080276	mg/L	1671833.97	-0.480	15.944
	Ca	44	0.091037	mg/L	216472.63	0.005	328.867
>	Sc	45		mg/L	459028.44	459028.439	3.363
	Ti	47	-0.002399	mg/L	2319.99	-0.002	16.389
	V	51	0.000174	mg/L	-24256.09	0.006	74.201
	Cr	52	-0.000144	mg/L	11831.82	-0.002	43.573
	Mn	55	-0.000012	mg/L	1157.75	-0.001	14.317
	Fe	57	-0.018038	mg/L	10946.70	-0.005	17.156
	Ni	58	0.000912	mg/L	5367.64	0.009	18.752
	Co	59	0.000070	mg/L	116.67	-0.000	4.326
	Ni	60	-0.000208	mg/L	212.00	-0.000	103.531
	Ni	62	-0.000035	mg/L	151.67	-0.000	174.075
	Cu	63	-0.000877	mg/L	792.04	0.001	10.084
	Cu	65	-0.000950	mg/L	525.02	0.001	38.480
	Zn	66	-0.000866	mg/L	2778.79	0.006	7.606
	Zn	68	-0.000771	mg/L	2496.70	0.004	30.264
	Ga	69	-0.000170	mg/L	3419.34	-0.008	9.579
>	Ge	72		mg/L	230665.70	230665.696	3.559
	As	75	0.000041	mg/L	486.81	0.000	112.049
	Se	77	-0.046491	mg/L	3945.90	-0.008	9.432
	Se	82	-0.000204	mg/L	32.71	-0.000	35.309
	Sr	88	0.000008	mg/L	631.03	0.000	8.150
>	Y	89		mg/L	948331.83	948331.828	4.306
	Mo	95	0.000136	mg/L	325.68	0.000	21.246
	Mo	98	0.000101	mg/L	484.61	0.000	37.481
>	Rh	103		mg/L	844625.83	844625.829	4.203
	Ag	107	-0.000091	mg/L	121.34	-0.000	13.474
	Ag	109	-0.000152	mg/L	97.00	-0.000	6.996
	Cd	111	0.000075	mg/L	46.33	-0.000	208.700
	Cd	114	0.000084	mg/L	89.81	-0.000	48.169
>	In	115		mg/L	1041604.40	1041604.405	2.542
	Sn	118	-0.000066	mg/L	447.35	0.000	438.766
	Sn	120	-0.000178	mg/L	559.69	-0.000	32.868
	Sb	121	-0.000782	mg/L	2352.99	0.001	15.332
	Sb	123	-0.000720	mg/L	1898.28	0.001	11.745
	Ba	135	0.000138	mg/L	120.67	0.000	6217.035

	Ba	137	0.000008	mg/L	165.55	-0.000	196.433
>	Tb	159		mg/L	1382009.18	1382009.176	6.802
>	Ho	165		mg/L	1319854.74	1319854.742	5.280
	Hg	202	-0.009840	mg/L	52.00	-0.000	10.197
	Tl	203	-0.000016	mg/L	156.00	-0.000	6.310
	Tl	205	-0.000065	mg/L	338.34	-0.001	2.118
	Pb	208	-0.000153	mg/L	681.68	-0.000	78.576
	Bi	209	0.000018	mg/L	190.34	-0.000	29.188
	Th	232	0.000831	mg/L	2592.40	-0.000	141.186
	U	238	-0.000045	mg/L	75.33	-0.000	55.926

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-BS1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:04:16
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-BS1.036
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 32

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	100810.33	100810.331	1.865
	Be	9	0.182262	mg/L	34052.78	0.337	3.317
	B	11	0.186692	mg/L	35491.91	0.341	2.248
	Na	23	2.307556	mg/L	5149495.26	10.949	2.962
	Mg	24	2.294996	mg/L	3354004.99	7.147	2.107
	Al	27	1.115822	mg/L	2323018.05	4.937	1.595
	Si	28	0.230395	mg/L	437833.53	0.598	7.306
	K	39	2.166651	mg/L	9685717.17	16.579	8.691
	Ca	44	2.191463	mg/L	454287.93	0.504	11.347
>	Sc	45		mg/L	468872.59	468872.588	4.729
	Ti	47	0.204922	mg/L	61369.70	0.124	1.097
	V	51	0.198821	mg/L	737480.62	1.631	4.099
	Cr	52	0.209864	mg/L	690477.13	1.447	5.948
	Mn	55	0.213882	mg/L	1074544.88	2.295	9.698
	Fe	57	0.942726	mg/L	129072.93	0.247	5.976
	Ni	58	0.216755	mg/L	519623.68	2.196	10.163
	Co	59	0.209921	mg/L	917323.37	3.897	7.660
	Ni	60	0.212345	mg/L	209054.87	0.885	2.140
	Ni	62	0.211176	mg/L	30954.06	0.130	1.232
	Cu	63	0.197974	mg/L	491709.82	2.081	1.145
	Cu	65	0.200688	mg/L	237764.54	1.009	7.715
	Zn	66	0.192934	mg/L	163295.70	0.689	11.872
	Zn	68	0.189702	mg/L	115822.47	0.485	10.562
	Ga	69	0.212892	mg/L	852283.53	3.597	6.390
>	Ge	72		mg/L	236021.28	236021.276	5.845
	As	75	0.201994	mg/L	178442.71	0.755	3.871
	Se	77	0.338761	mg/L	18118.89	0.052	10.719
	Se	82	0.199668	mg/L	12582.11	0.013	9.187
	Sr	88	0.215267	mg/L	1676857.31	1.772	3.863
>	Y	89		mg/L	947243.40	947243.398	6.100
	Mo	95	0.203831	mg/L	271261.12	0.286	1.078
	Mo	98	0.208509	mg/L	454325.23	0.481	6.395
>	Rh	103		mg/L	875305.18	875305.182	4.924
	Ag	107	0.111408	mg/L	390506.55	0.447	5.578
	Ag	109	0.109934	mg/L	364719.73	0.418	10.326
	Cd	111	0.202642	mg/L	178649.94	0.204	6.981
	Cd	114	0.197620	mg/L	421010.03	0.482	5.524
>	In	115		mg/L	1074384.60	1074384.600	6.604
	Sn	118	0.212476	mg/L	543332.39	0.506	2.955
	Sn	120	0.214183	mg/L	744079.14	0.694	6.776
	Sb	121	0.239478	mg/L	798012.25	0.745	12.708
	Sb	123	0.234547	mg/L	611484.71	0.571	13.686
	Ba	135	0.204753	mg/L	187330.38	0.137	9.708

	Ba	137	0.211417	mg/L	327621.13	0.241	10.322
>	Tb	159		mg/L	1366652.05	1366652.045	5.707
>	Ho	165		mg/L	1350282.99	1350282.989	0.561
	Hg	202	0.012733	mg/L	97.33	0.000	76.834
	Tl	203	0.214477	mg/L	738961.05	0.547	7.913
	Tl	205	0.213330	mg/L	1705035.13	1.262	3.660
	Pb	208	0.211082	mg/L	2355989.93	1.744	1.353
	Bi	209	0.221164	mg/L	2087656.77	1.546	7.516
	Th	232	0.229135	mg/L	2489318.88	1.842	5.526
	U	238	0.219888	mg/L	2383329.97	1.765	2.797

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0457-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:09:22
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C0457-01.037
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 33

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	94365.31	94365.312	6.765
	Be	9	0.000075	mg/L	20.00	-0.000	31.480
	B	11	0.014194	mg/L	3455.02	0.025	12.349
	Na	23	27.227099	mg/L	64391273.25	130.681	2.722
	Mg	24	8.127732	mg/L	12438077.79	25.304	6.405
	Al	27	0.022576	mg/L	59531.34	0.103	12.100
	Si	28	2.423180	mg/L	3201950.45	6.196	12.405
	K	39	2.542875	mg/L	11560607.52	19.435	11.145
	Ca	44	21.806633	mg/L	2765205.04	5.161	7.149
>	Sc	45		mg/L	492958.08	492958.075	7.448
	Ti	47	-0.000901	mg/L	2930.50	-0.001	42.664
	V	51	-0.005216	mg/L	-47969.38	-0.038	24.247
	Cr	52	0.001380	mg/L	17784.25	0.008	56.097
	Mn	55	0.002095	mg/L	12348.17	0.022	7.911
	Fe	57	0.051261	mg/L	20683.74	0.013	11.675
	Ni	58	0.001426	mg/L	7044.80	0.014	17.517
	Co	59	0.000121	mg/L	360.34	0.001	9.363
	Ni	60	0.000539	mg/L	1001.07	0.003	9.184
	Ni	62	0.000389	mg/L	227.67	0.000	15.868
	Cu	63	0.007969	mg/L	23731.51	0.094	5.267
	Cu	65	0.007943	mg/L	11540.12	0.045	10.427
	Zn	66	0.001706	mg/L	5220.88	0.015	9.173
	Zn	68	0.003178	mg/L	5153.18	0.014	7.738
	Ga	69	0.001195	mg/L	9397.29	0.015	6.663
>	Ge	72		mg/L	247695.93	247695.930	4.848
	As	75	-0.000401	mg/L	109.07	-0.001	73.142
	Se	77	0.107366	mg/L	10153.44	0.016	13.422
	Se	82	0.000724	mg/L	93.83	0.000	1413.856
	Sr	88	0.084008	mg/L	674397.24	0.691	1.413
>	Y	89		mg/L	974357.67	974357.668	4.422
	Mo	95	0.001305	mg/L	1936.89	0.002	7.147
	Mo	98	0.001293	mg/L	3178.42	0.003	6.675
>	Rh	103		mg/L	864041.00	864041.002	1.798
	Ag	107	-0.000036	mg/L	316.68	0.000	52.489
	Ag	109	-0.000093	mg/L	292.34	0.000	6.805
	Cd	111	0.000089	mg/L	59.67	0.000	154.925
	Cd	114	0.000099	mg/L	123.03	-0.000	2729.074
>	In	115		mg/L	1110736.86	1110736.860	6.169
	Sn	118	0.000204	mg/L	1185.42	0.001	24.731
	Sn	120	0.000183	mg/L	1870.40	0.001	47.635
	Sb	121	-0.000667	mg/L	2892.49	0.001	26.187
	Sb	123	-0.000624	mg/L	2274.15	0.001	26.898
	Ba	135	0.031273	mg/L	29234.66	0.021	7.602

	Ba	137	0.032189	mg/L	51149.77	0.037	2.765
>	Tb	159		mg/L	1393091.19	1393091.185	2.554
>	Ho	165		mg/L	1388627.91	1388627.910	5.401
	Hg	202	-0.011270	mg/L	51.67	-0.000	53.632
	Tl	203	0.000193	mg/L	906.05	0.000	68.712
	Tl	205	0.000148	mg/L	2101.60	0.000	92.512
	Pb	208	-0.000027	mg/L	2154.79	0.001	9.333
	Bi	209	0.000215	mg/L	2118.95	0.001	36.219
	Th	232	0.001995	mg/L	15765.51	0.009	24.100
	U	238	-0.000002	mg/L	561.69	0.000	13.412

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0823-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:14:27
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C0823-01.038
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 34

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	357070.33	357070.332	8.081
	Be	9	0.000002	mg/L	27.33	-0.000	11.612
	B	11	2.516702	mg/L	1644138.59	4.598	4.695
	Na	23	S	mg/L	S	S	S
	Mg	24	234.492728	mg/L	294274538.23	729.989	3.436
	Al	27	0.225619	mg/L	411250.31	1.001	3.906
	Si	28	5.788563	mg/L	6091343.61	14.788	5.722
	K	39	S	mg/L	S	S	S
	Ca	44	320.797998	mg/L	30917133.46	76.148	5.237
>	Sc	45		mg/L	403458.90	403458.896	5.314
	Ti	47	0.017395	mg/L	6877.67	0.010	8.269
	V	51	-0.011983	mg/L	-61284.57	-0.094	36.160
	Cr	52	0.002773	mg/L	18496.65	0.018	13.027
	Mn	55	0.610310	mg/L	2646738.44	6.550	10.769
	Fe	57	1.147409	mg/L	132944.06	0.300	3.011
	Ni	58	0.048076	mg/L	96824.91	0.487	10.524
	Co	59	0.011937	mg/L	42648.70	0.220	10.277
	Ni	60	0.049961	mg/L	40558.15	0.209	9.387
	Ni	62	0.128736	mg/L	15367.65	0.080	23.818
	Cu	63	0.003385	mg/L	9321.58	0.046	7.252
	Cu	65	0.004824	mg/L	5975.69	0.030	17.510
	Zn	66	0.012096	mg/L	11191.70	0.052	6.472
	Zn	68	0.009829	mg/L	7274.32	0.030	12.791
	Ga	69	0.001559	mg/L	8422.34	0.022	43.478
>	Ge	72		mg/L	194896.24	194896.241	14.323
	As	75	0.002763	mg/L	2392.96	0.011	38.308
	Se	77	0.217518	mg/L	11153.62	0.033	28.914
	Se	82	0.007027	mg/L	398.57	0.000	16.937
	Sr	88	5.907993	mg/L	37704740.40	48.629	8.464
>	Y	89		mg/L	779959.75	779959.746	13.512
	Mo	95	3.323621	mg/L	3637845.93	4.668	1.580
	Mo	98	3.242832	mg/L	5808897.29	7.474	5.998
>	Rh	103		mg/L	679515.18	679515.180	8.146
	Ag	107	-0.000067	mg/L	162.67	-0.000	94.849
	Ag	109	-0.000117	mg/L	165.67	0.000	1853.460
	Cd	111	0.008594	mg/L	5847.28	0.009	14.396
	Cd	114	0.005826	mg/L	9556.76	0.014	8.261
>	In	115		mg/L	867637.72	867637.721	9.482
	Sn	118	0.000034	mg/L	577.02	0.000	27.111
	Sn	120	-0.000087	mg/L	717.53	0.000	28.671
	Sb	121	-0.000502	mg/L	2703.43	0.002	12.124
	Sb	123	-0.000392	mg/L	2261.73	0.001	14.876
	Ba	135	0.016144	mg/L	13532.21	0.011	8.691

	Ba	137	0.016093	mg/L	22975.08	0.018	9.238
>	Tb	159		mg/L	1253570.28	1253570.285	8.747
>	Ho	165		mg/L	1224678.43	1224678.430	5.900
	Hg	202	-0.006636	mg/L	53.67	-0.000	83.562
	Tl	203	0.000773	mg/L	2607.73	0.002	5.786
	Tl	205	0.000752	mg/L	6216.86	0.004	11.614
	Pb	208	-0.000036	mg/L	1818.09	0.001	1.636
	Bi	209	0.000059	mg/L	528.35	0.000	9.679
	Th	232	0.001439	mg/L	8397.98	0.005	17.319
	U	238	0.008759	mg/L	86407.90	0.071	5.801

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1114-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:19:33
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1114-01.039
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 35

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	91429.86	91429.859	7.753
	Be	9	0.000122	mg/L	27.33	0.000	57.978
	B	11	0.304836	mg/L	51687.33	0.556	10.211
	Na	23	66.166894	mg/L	147550366.77	317.776	2.438
	Mg	24	5.893066	mg/L	8517045.52	18.348	4.282
	Al	27	0.005786	mg/L	21791.73	0.028	17.964
	Si	28	23.766118	mg/L	28209431.91	60.684	11.702
	K	39	13.579494	mg/L	49649734.58	103.225	9.888
	Ca	44	12.388609	mg/L	1572070.80	2.925	3.033
>	Sc	45		mg/L	463901.53	463901.533	4.855
	Ti	47	0.003156	mg/L	3909.88	0.001	7.885
	V	51	-0.012812	mg/L	-73649.66	-0.101	13.972
	Cr	52	0.002344	mg/L	19874.26	0.015	25.456
	Mn	55	0.000770	mg/L	5058.79	0.008	6.135
	Fe	57	0.000957	mg/L	13371.63	-0.000	843.796
	Ni	58	0.001134	mg/L	5717.19	0.011	22.257
	Co	59	0.000091	mg/L	201.67	-0.000	254.849
	Ni	60	0.000303	mg/L	683.37	0.002	7.657
	Ni	62	0.002054	mg/L	437.02	0.001	28.327
	Cu	63	0.000442	mg/L	3858.86	0.015	5.893
	Cu	65	0.000422	mg/L	2046.92	0.008	6.458
	Zn	66	0.019928	mg/L	19060.22	0.079	14.024
	Zn	68	0.020503	mg/L	14478.01	0.057	8.697
	Ga	69	0.000716	mg/L	6677.53	0.007	38.441
>	Ge	72		mg/L	224405.94	224405.945	5.710
	As	75	-0.000843	mg/L	-245.48	-0.003	106.172
	Se	77	0.247955	mg/L	14071.04	0.038	14.085
	Se	82	0.000207	mg/L	55.91	-0.000	39.216
	Sr	88	0.123625	mg/L	916757.42	1.018	5.906
>	Y	89		mg/L	902632.97	902632.968	7.243
	Mo	95	0.007449	mg/L	9502.78	0.010	19.068
	Mo	98	0.007327	mg/L	15314.65	0.017	25.324
>	Rh	103		mg/L	842433.77	842433.771	5.722
	Ag	107	-0.000084	mg/L	147.34	-0.000	23.026
	Ag	109	-0.000145	mg/L	116.67	-0.000	34.205
	Cd	111	0.000094	mg/L	62.67	0.000	37.957
	Cd	114	0.000102	mg/L	128.01	0.000	190.391
>	In	115		mg/L	1027654.32	1027654.324	6.431
	Sn	118	-0.000052	mg/L	476.68	0.000	102.225
	Sn	120	-0.000149	mg/L	648.60	0.000	128.577
	Sb	121	-0.000883	mg/L	1996.57	0.000	34.687
	Sb	123	-0.000863	mg/L	1515.24	0.000	40.278
	Ba	135	0.001337	mg/L	1313.44	0.001	14.381

	Ba	137	0.001278	mg/L	2305.20	0.001	8.950
>	Tb	159		mg/L	1474711.93	1474711.930	4.688
>	Ho	165		mg/L	1424649.96	1424649.963	2.633
	Hg	202	-0.007276	mg/L	61.33	-0.000	50.659
	Tl	203	0.000007	mg/L	251.34	-0.000	2.236
	Tl	205	-0.000037	mg/L	600.69	-0.001	4.884
	Pb	208	-0.000027	mg/L	2218.79	0.001	9.925
	Bi	209	0.000034	mg/L	363.01	0.000	26.508
	Th	232	0.000787	mg/L	2316.65	-0.001	33.732
	U	238	-0.000039	mg/L	155.67	0.000	32.129

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1117-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:24:40
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1117-01.040
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 36

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	91871.42	91871.424	7.299
	Be	9	0.000925	mg/L	164.00	0.002	9.751
	B	11	0.146201	mg/L	25364.70	0.267	14.558
	Na	23	S	mg/L	S	S	S
	Mg	24	7.046461	mg/L	10825004.79	21.938	2.868
	Al	27	10.441304	mg/L	22764357.13	46.174	7.577
	Si	28	15.398923	mg/L	19549590.56	39.323	6.457
	K	39	6.904427	mg/L	27966158.74	52.548	3.739
	Ca	44	64.048103	mg/L	7734214.24	15.190	1.543
>	Sc	45		mg/L	493777.84	493777.841	4.218
	Ti	47	0.190139	mg/L	60121.59	0.115	5.011
	V	51	-0.004656	mg/L	-45285.76	-0.034	89.018
	Cr	52	0.006371	mg/L	34869.15	0.043	12.454
	Mn	55	2.281285	mg/L	12104627.27	24.486	4.343
	Fe	57	11.360534	mg/L	1484671.95	2.978	1.382
	Ni	58	0.091740	mg/L	224964.31	0.929	2.535
	Co	59	0.001119	mg/L	4765.97	0.019	6.367
	Ni	60	0.008176	mg/L	8554.45	0.035	3.931
	Ni	62	0.010261	mg/L	1673.17	0.006	5.144
	Cu	63	0.164312	mg/L	412881.34	1.729	5.142
	Cu	65	0.163570	mg/L	196543.42	0.823	6.174
	Zn	66	0.264436	mg/L	225693.76	0.941	4.298
	Zn	68	0.258420	mg/L	159017.62	0.659	7.753
	Ga	69	0.005532	mg/L	26561.86	0.089	9.097
>	Ge	72		mg/L	238515.11	238515.112	3.173
	As	75	0.001812	mg/L	2087.60	0.007	10.874
	Se	77	0.127708	mg/L	10529.53	0.019	10.859
	Se	82	0.001470	mg/L	137.96	0.000	69.005
	Sr	88	0.234279	mg/L	1840556.40	1.928	5.021
>	Y	89		mg/L	954273.29	954273.293	3.400
	Mo	95	0.003979	mg/L	5480.38	0.006	4.356
	Mo	98	0.003983	mg/L	9021.10	0.009	4.126
>	Rh	103		mg/L	856714.29	856714.290	5.222
	Ag	107	0.000610	mg/L	2533.05	0.003	0.556
	Ag	109	0.000533	mg/L	2323.65	0.002	6.579
	Cd	111	0.000865	mg/L	727.70	0.001	12.469
	Cd	114	0.000858	mg/L	1698.92	0.002	16.481
>	In	115		mg/L	1091456.43	1091456.430	0.879
	Sn	118	0.006221	mg/L	16796.02	0.015	3.439
	Sn	120	0.006288	mg/L	23435.46	0.021	8.441
	Sb	121	-0.000328	mg/L	4001.25	0.002	6.986
	Sb	123	-0.000256	mg/L	3216.91	0.002	9.008
	Ba	135	0.099092	mg/L	101675.54	0.066	3.151

	Ba	137	0.100998	mg/L	175274.81	0.115	10.632
>	Tb	159		mg/L	1528529.05	1528529.052	4.402
>	Ho	165		mg/L	1493655.81	1493655.809	8.286
	Hg	202	0.158590	mg/L	421.35	0.000	5.411
	Tl	203	0.000030	mg/L	351.34	-0.000	4.618
	Tl	205	-0.000016	mg/L	811.04	-0.001	10.347
	Pb	208	0.007039	mg/L	89276.55	0.059	4.330
	Bi	209	0.048318	mg/L	503174.21	0.338	5.515
	Th	232	0.000969	mg/L	4556.54	0.001	79.972
	U	238	0.000306	mg/L	4264.38	0.003	15.411

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-31
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:29:47
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-31.041
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 37

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	103934.31	103934.313	6.263
	Be	9	0.000088	mg/L	24.33	-0.000	364.001
	B	11	0.050440	mg/L	10660.36	0.092	10.835
	Na	23	S	mg/L	S	S	S
	Mg	24	22.277302	mg/L	39395970.12	69.353	5.299
	Al	27	0.006428	mg/L	28331.92	0.031	19.926
	Si	28	23.196774	mg/L	33712866.46	59.231	13.606
	K	39	3.094927	mg/L	15740638.58	23.626	9.745
	Ca	44	16.955283	mg/L	2545915.70	4.009	3.181
>	Sc	45		mg/L	569400.66	569400.659	6.904
	Ti	47	0.004693	mg/L	5285.94	0.002	73.768
	V	51	-0.004485	mg/L	-51526.08	-0.032	35.101
	Cr	52	0.000086	mg/L	15507.41	-0.000	728.812
	Mn	55	3.141071	mg/L	19180699.47	33.715	2.790
	Fe	57	122.280052	mg/L	18281186.42	32.055	1.924
	Ni	58	0.879143	mg/L	2569792.63	8.907	7.200
	Co	59	0.000247	mg/L	1097.74	0.003	1.730
	Ni	60	0.000213	mg/L	772.04	0.002	11.634
	Ni	62	0.020349	mg/L	3838.87	0.013	17.160
	Cu	63	0.000040	mg/L	3758.49	0.011	13.361
	Cu	65	-0.000153	mg/L	1800.86	0.005	17.460
	Zn	66	-0.000993	mg/L	3346.32	0.006	13.952
	Zn	68	0.000095	mg/L	3759.15	0.006	4.329
	Ga	69	0.001061	mg/L	10294.61	0.013	5.207
>	Ge	72		mg/L	288443.37	288443.374	4.420
	As	75	0.000028	mg/L	593.14	0.000	418.982
	Se	77	0.022470	mg/L	8030.98	0.003	68.871
	Se	82	0.001023	mg/L	122.89	0.000	62.975
	Sr	88	0.110590	mg/L	969658.79	0.910	1.387
>	Y	89		mg/L	1064258.75	1064258.745	4.612
	Mo	95	0.000809	mg/L	1377.12	0.001	12.349
	Mo	98	0.000764	mg/L	2177.16	0.002	12.995
>	Rh	103		mg/L	964790.17	964790.168	5.038
	Ag	107	-0.000062	mg/L	253.67	-0.000	81.063
	Ag	109	-0.000145	mg/L	135.00	-0.000	7.970
	Cd	111	0.000078	mg/L	56.00	-0.000	463.752
	Cd	114	0.000085	mg/L	106.06	-0.000	60.832
>	In	115		mg/L	1174069.93	1174069.932	2.315
	Sn	118	-0.000089	mg/L	438.35	-0.000	93.183
	Sn	120	-0.000105	mg/L	901.02	0.000	254.394
	Sb	121	-0.000981	mg/L	1927.89	0.000	100.696
	Sb	123	-0.000939	mg/L	1515.70	0.000	109.230
	Ba	135	0.027974	mg/L	29663.35	0.019	1.163

	Ba	137	0.028091	mg/L	50539.95	0.032	6.598
>	Tb	159		mg/L	1578220.77	1578220.772	3.629
>	Ho	165		mg/L	1579740.71	1579740.713	9.140
	Hg	202	-0.011665	mg/L	58.00	-0.000	15.371
	Tl	203	-0.000023	mg/L	156.34	-0.000	3.578
	Tl	205	-0.000075	mg/L	313.01	-0.001	2.417
	Pb	208	-0.000141	mg/L	967.70	0.000	173.512
	Bi	209	0.000066	mg/L	758.71	0.000	53.794
	Th	232	0.000794	mg/L	2622.41	-0.001	61.431
	U	238	-0.000044	mg/L	101.00	-0.000	126.449

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-32
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:34:53
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-32.042
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 38

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	130960.20	130960.204	2.443
	Be	9	0.006355	mg/L	1549.81	0.012	5.585
	B	11	0.018516	mg/L	5838.60	0.033	11.223
	Na	23	54.466569	mg/L	161240099.44	261.559	3.174
	Mg	24	35.639402	mg/L	68250634.64	110.949	5.703
	Al	27	1.073496	mg/L	2928154.95	4.750	9.420
	Si	28	17.909207	mg/L	28261218.45	45.732	11.229
	K	39	1.361507	mg/L	8978005.73	10.466	7.267
	Ca	44	20.922286	mg/L	3342088.34	4.951	2.602
>	Sc	45		mg/L	616918.40	616918.399	7.591
	Ti	47	0.002995	mg/L	5113.49	0.001	67.686
	V	51	-0.004797	mg/L	-57781.12	-0.035	34.060
	Cr	52	0.001424	mg/L	22474.67	0.009	44.213
	Mn	55	0.536002	mg/L	3545504.58	5.753	3.156
	Fe	57	0.990676	mg/L	177600.01	0.259	3.943
	Ni	58	0.237185	mg/L	750921.75	2.403	1.515
	Co	59	0.146924	mg/L	847991.28	2.727	5.072
	Ni	60	0.241281	mg/L	312972.37	1.006	3.264
	Ni	62	0.257087	mg/L	49541.79	0.159	1.591
	Cu	63	0.005205	mg/L	20813.72	0.065	7.575
	Cu	65	0.005346	mg/L	10478.82	0.032	6.893
	Zn	66	0.304048	mg/L	337538.36	1.081	1.664
	Zn	68	0.300148	mg/L	239925.14	0.765	0.555
	Ga	69	0.000652	mg/L	8933.14	0.006	4.067
>	Ge	72		mg/L	310701.41	310701.414	2.305
	As	75	-0.000441	mg/L	99.22	-0.001	60.670
	Se	77	0.094221	mg/L	12104.85	0.014	14.214
	Se	82	0.000718	mg/L	149.85	0.000	384.145
	Sr	88	0.163791	mg/L	2120660.45	1.348	9.249
>	Y	89		mg/L	1573239.89	1573239.890	2.570
	Mo	95	0.000415	mg/L	1162.75	0.001	23.999
	Mo	98	0.000381	mg/L	1828.68	0.001	27.992
>	Rh	103		mg/L	1137312.94	1137312.945	3.715
	Ag	107	-0.000093	mg/L	159.34	-0.000	9.240
	Ag	109	-0.000150	mg/L	137.34	-0.000	12.621
	Cd	111	0.001014	mg/L	1138.42	0.001	9.803
	Cd	114	0.001010	mg/L	2685.36	0.002	8.676
>	In	115		mg/L	1360962.88	1360962.877	3.060
	Sn	118	-0.000049	mg/L	638.70	0.000	35.409
	Sn	120	-0.000141	mg/L	890.63	0.000	64.767
	Sb	121	-0.000983	mg/L	2227.96	0.000	96.929
	Sb	123	-0.000963	mg/L	1680.31	0.000	99.410
	Ba	135	0.014989	mg/L	17440.90	0.010	2.502

	Ba	137	0.014710	mg/L	29164.64	0.017	7.409
>	Tb	159		mg/L	1732919.59	1732919.587	2.405
>	Ho	165		mg/L	1672481.75	1672481.751	5.639
	Hg	202	-0.013512	mg/L	57.00	-0.000	13.745
	Tl	203	-0.000001	mg/L	261.01	-0.000	4.876
	Tl	205	-0.000049	mg/L	589.03	-0.001	6.139
	Pb	208	0.001146	mg/L	18789.05	0.011	3.283
	Bi	209	0.000026	mg/L	342.34	0.000	60.629
	Th	232	0.000732	mg/L	1968.23	-0.001	9.619
	U	238	0.000173	mg/L	3017.53	0.002	12.301

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:39:58
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.043
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 39

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	136934.29	136934.288	0.027
	Be	9	0.006341	mg/L	1618.16	0.012	2.944
	B	11	0.015109	mg/L	5260.58	0.027	4.947
	Na	23	52.228369	mg/L	160058849.85	250.805	3.530
	Mg	24	34.212006	mg/L	67932981.40	106.506	6.171
	Al	27	1.002939	mg/L	2842252.54	4.438	6.914
	Si	28	17.043793	mg/L	27984966.41	43.522	3.138
	K	39	1.270055	mg/L	8872031.24	9.772	4.039
	Ca	44	20.168347	mg/L	3344895.11	4.772	3.496
>	Sc	45		mg/L	638275.42	638275.420	1.741
	Ti	47	0.003073	mg/L	5343.96	0.001	54.659
	V	51	-0.003246	mg/L	-51714.67	-0.022	63.882
	Cr	52	0.001465	mg/L	23542.03	0.009	16.329
	Mn	55	0.524006	mg/L	3592362.43	5.624	1.738
	Fe	57	1.052159	mg/L	194230.51	0.275	3.438
	Ni	58	0.237139	mg/L	780137.38	2.402	10.034
	Co	59	0.143805	mg/L	861498.50	2.669	11.385
	Ni	60	0.234149	mg/L	315766.61	0.976	7.519
	Ni	62	0.242636	mg/L	48762.76	0.150	1.257
	Cu	63	0.004093	mg/L	17969.66	0.053	2.305
	Cu	65	0.004316	mg/L	9249.47	0.027	7.233
	Zn	66	0.302165	mg/L	348634.70	1.074	9.990
	Zn	68	0.299560	mg/L	248715.16	0.763	10.566
	Ga	69	0.000543	mg/L	8697.92	0.004	54.071
>	Ge	72		mg/L	324016.50	324016.496	5.690
	As	75	-0.000924	mg/L	-476.04	-0.003	58.492
	Se	77	0.097713	mg/L	12786.46	0.015	15.472
	Se	82	0.000735	mg/L	152.49	0.000	741.835
	Sr	88	0.166397	mg/L	2182228.99	1.370	5.671
>	Y	89		mg/L	1595039.59	1595039.586	4.656
	Mo	95	0.000271	mg/L	854.05	0.000	31.687
	Mo	98	0.000257	mg/L	1389.19	0.001	21.575
>	Rh	103		mg/L	1138455.48	1138455.478	6.902
	Ag	107	-0.000092	mg/L	163.34	-0.000	5.533
	Ag	109	-0.000153	mg/L	128.00	-0.000	3.854
	Cd	111	0.001053	mg/L	1179.09	0.001	14.284
	Cd	114	0.001057	mg/L	2811.16	0.002	10.456
>	In	115		mg/L	1423618.32	1423618.318	4.670
	Sn	118	-0.000055	mg/L	647.36	0.000	61.190
	Sn	120	-0.000140	mg/L	940.34	0.000	33.530
	Sb	121	-0.001021	mg/L	2156.95	-0.000	3097.419
	Sb	123	-0.000985	mg/L	1674.69	-0.000	3216.695
	Ba	135	0.014950	mg/L	17849.70	0.010	11.321

	Ba	137	0.014796	mg/L	30044.32	0.017	16.194
>	Tb	159		mg/L	1788821.98	1788821.975	8.231
>	Ho	165		mg/L	1770042.89	1770042.893	5.354
	Hg	202	-0.013238	mg/L	61.00	-0.000	17.284
	Tl	203	0.000001	mg/L	284.67	-0.000	3.166
	Tl	205	-0.000049	mg/L	626.69	-0.001	3.831
	Pb	208	0.001026	mg/L	18146.59	0.010	1.255
	Bi	209	0.000028	mg/L	377.34	0.000	12.485
	Th	232	0.000724	mg/L	1961.90	-0.001	12.991
	U	238	0.000180	mg/L	3294.96	0.002	6.064

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-MS1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:45:03
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-MS1.044
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 40

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	145270.32	145270.321	4.776
	Be	9	0.185405	mg/L	49863.28	0.343	2.315
	B	11	0.192911	mg/L	52679.44	0.352	6.568
	Na	23	52.657760	mg/L	168858641.93	252.868	3.007
	Mg	24	35.518456	mg/L	73747017.60	110.573	5.283
	Al	27	2.005872	mg/L	5918377.06	8.873	9.520
	Si	28	15.872543	mg/L	27183989.81	40.532	11.131
	K	39	3.193010	mg/L	18973882.93	24.371	10.186
	Ca	44	21.585455	mg/L	3721872.41	5.108	3.797
>	Sc	45		mg/L	668613.29	668613.290	7.100
	Ti	47	0.201249	mg/L	85894.18	0.122	3.655
	V	51	0.195261	mg/L	1027518.31	1.601	9.390
	Cr	52	0.197807	mg/L	926497.39	1.364	10.527
	Mn	55	0.749375	mg/L	5367377.99	8.043	5.936
	Fe	57	2.025893	mg/L	373545.77	0.531	4.013
	Ni	58	0.440387	mg/L	1442359.34	4.462	8.697
	Co	59	0.354807	mg/L	2125431.41	6.588	4.974
	Ni	60	0.438108	mg/L	590460.93	1.826	1.560
	Ni	62	0.454561	mg/L	90972.65	0.281	1.841
	Cu	63	0.203174	mg/L	689560.83	2.136	5.816
	Cu	65	0.205176	mg/L	332652.58	1.031	10.331
	Zn	66	0.490463	mg/L	561957.85	1.738	8.188
	Zn	68	0.476252	mg/L	392817.83	1.210	4.610
	Ga	69	0.212962	mg/L	1169109.37	3.599	2.030
>	Ge	72		mg/L	323031.65	323031.650	4.427
	As	75	0.205213	mg/L	247968.36	0.767	5.947
	Se	77	0.364628	mg/L	26089.74	0.056	14.707
	Se	82	0.173124	mg/L	18485.10	0.011	14.855
	Sr	88	0.336747	mg/L	4455577.60	2.772	1.250
>	Y	89		mg/L	1607367.20	1607367.198	5.758
	Mo	95	0.173326	mg/L	391032.31	0.243	4.335
	Mo	98	0.172179	mg/L	635975.73	0.397	9.612
>	Rh	103		mg/L	1157618.55	1157618.547	0.759
	Ag	107	0.110864	mg/L	514738.36	0.444	5.515
	Ag	109	0.112330	mg/L	494276.00	0.427	9.442
	Cd	111	0.218872	mg/L	255761.25	0.221	1.997
	Cd	114	0.216599	mg/L	611516.48	0.528	5.796
>	In	115		mg/L	1461575.65	1461575.646	6.829
	Sn	118	0.214251	mg/L	743938.71	0.510	5.772
	Sn	120	0.214294	mg/L	1012007.08	0.694	8.257
	Sb	121	0.237580	mg/L	1077287.25	0.739	11.805
	Sb	123	0.234761	mg/L	834924.46	0.572	8.071
	Ba	135	0.226308	mg/L	275476.00	0.152	8.698

	Ba	137	0.227108	mg/L	468561.99	0.258	6.116
>	Tb	159		mg/L	1814584.66	1814584.661	3.001
>	Ho	165		mg/L	1854291.65	1854291.649	5.623
	Hg	202	0.006297	mg/L	116.34	0.000	6.439
	Tl	203	0.198272	mg/L	936608.57	0.506	5.772
	Tl	205	0.212262	mg/L	2322138.28	1.255	9.166
	Pb	208	0.199470	mg/L	3050136.44	1.648	6.581
	Bi	209	0.215791	mg/L	2797818.69	1.509	2.003
	Th	232	0.222632	mg/L	3316298.21	1.789	4.368
	U	238	0.220065	mg/L	3266666.89	1.767	8.633

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:50:09
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.045
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	117997.60	117997.604	2.223
	Be	9	0.000088	mg/L	28.00	-0.000	626.708
	B	11	0.004034	mg/L	2147.61	0.007	22.619
	Na	23	0.040807	mg/L	56360.27	0.058	54.034
	Mg	24	0.001333	mg/L	4775.64	0.006	121.711
	Al	27	-0.000571	mg/L	10814.21	0.000	460.941
	Si	28	-0.001285	mg/L	195505.14	0.006	376.074
	K	39	-0.135984	mg/L	1832517.94	-0.903	21.107
	Ca	44	-0.330447	mg/L	211273.91	-0.095	35.732
>	Sc	45		mg/L	570735.58	570735.580	7.965
	Ti	47	-0.004681	mg/L	2090.93	-0.003	6.708
	V	51	0.004224	mg/L	-11029.82	0.039	22.595
	Cr	52	-0.001440	mg/L	9575.50	-0.011	19.065
	Mn	55	0.000014	mg/L	1591.50	-0.000	233.200
	Fe	57	-0.030620	mg/L	11707.99	-0.008	13.863
	Ni	58	0.000195	mg/L	4850.34	0.002	47.184
	Co	59	0.000081	mg/L	215.67	-0.000	107.828
	Ni	60	-0.000261	mg/L	211.34	-0.000	28.013
	Ni	62	-0.000173	mg/L	173.34	-0.000	22.301
	Cu	63	-0.001010	mg/L	619.03	-0.000	17.831
	Cu	65	-0.001051	mg/L	536.69	0.000	69.711
	Zn	66	-0.002515	mg/L	1888.22	0.000	85.499
	Zn	68	-0.002708	mg/L	1799.53	-0.001	25.654
	Ga	69	-0.000463	mg/L	2987.52	-0.013	8.939
>	Ge	72		mg/L	302975.41	302975.407	7.738
	As	75	0.000516	mg/L	1178.50	0.002	16.671
	Se	77	-0.118675	mg/L	1781.19	-0.019	4.642
	Se	82	0.001846	mg/L	198.82	0.000	17.506
	Sr	88	0.000023	mg/L	924.73	0.000	168.977
>	Y	89		mg/L	1173129.79	1173129.789	10.437
	Mo	95	0.000968	mg/L	1791.87	0.001	15.456
	Mo	98	0.000899	mg/L	2780.27	0.002	11.833
>	Rh	103		mg/L	1082886.69	1082886.692	4.370
	Ag	107	-0.000075	mg/L	229.34	-0.000	51.579
	Ag	109	-0.000137	mg/L	186.67	-0.000	32.733
	Cd	111	0.000078	mg/L	63.33	-0.000	175.407
	Cd	114	0.000089	mg/L	128.41	-0.000	71.709
>	In	115		mg/L	1287635.65	1287635.648	6.793
	Sn	118	0.000087	mg/L	1024.74	0.000	33.548
	Sn	120	0.000008	mg/L	1466.73	0.001	38.676
	Sb	121	-0.001336	mg/L	698.03	-0.001	1.002
	Sb	123	-0.001311	mg/L	502.03	-0.001	6.487
	Ba	135	0.000148	mg/L	151.34	0.000	35.430

	Ba	137	0.000024	mg/L	222.87	0.000	87.636
>	Tb	159		mg/L	1609554.04	1609554.037	9.871
>	Ho	165		mg/L	1581783.06	1581783.062	11.945
	Hg	202	-0.008942	mg/L	64.33	-0.000	7.314
	Tl	203	0.000372	mg/L	1735.87	0.001	94.051
	Tl	205	0.000315	mg/L	3930.33	0.001	94.249
	Pb	208	-0.000149	mg/L	860.69	-0.000	262.143
	Bi	209	0.000161	mg/L	1818.54	0.001	24.435
	Th	232	0.001424	mg/L	10664.90	0.005	32.993
	U	238	-0.000031	mg/L	268.01	0.000	71.274

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 18:55:13
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.046
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	114689.87	114689.875	1.756
	Be	9	0.039998	mg/L	8500.39	0.074	4.588
	B	11	0.043662	mg/L	10382.04	0.079	7.885
	Na	23	0.437601	mg/L	1094250.12	1.964	0.939
	Mg	24	0.419288	mg/L	714006.54	1.308	4.354
	Al	27	0.217260	mg/L	535313.30	0.964	7.793
	Si	28	0.048475	mg/L	256299.80	0.133	46.590
	K	39	0.353074	mg/L	3783113.74	2.810	1.492
	Ca	44	0.267712	mg/L	280260.95	0.047	31.652
>	Sc	45		mg/L	545582.17	545582.166	2.278
	Ti	47	0.037555	mg/L	15978.19	0.022	6.324
	V	51	0.037021	mg/L	135312.72	0.307	12.275
	Cr	52	0.043069	mg/L	176658.12	0.296	6.560
	Mn	55	0.044772	mg/L	263641.23	0.480	0.188
	Fe	57	0.167898	mg/L	39614.22	0.044	0.507
	Ni	58	0.042803	mg/L	123976.20	0.433	3.714
	Co	59	0.042272	mg/L	217168.34	0.783	6.748
	Ni	60	0.042222	mg/L	49206.12	0.177	3.926
	Ni	62	0.043248	mg/L	7585.91	0.027	0.240
	Cu	63	0.039706	mg/L	118494.23	0.426	3.210
	Cu	65	0.040079	mg/L	57431.79	0.206	1.366
	Zn	66	0.034725	mg/L	38068.27	0.132	1.840
	Zn	68	0.035099	mg/L	28131.18	0.094	6.609
	Ga	69	0.044043	mg/L	211246.23	0.740	4.828
>	Ge	72		mg/L	276898.00	276898.003	0.891
	As	75	0.040726	mg/L	42691.49	0.152	3.158
	Se	77	0.123620	mg/L	12058.45	0.019	4.872
	Se	82	0.040109	mg/L	3060.74	0.003	2.330
	Sr	88	0.043682	mg/L	405857.25	0.360	3.327
>	Y	89		mg/L	1126818.93	1126818.925	0.531
	Mo	95	0.042413	mg/L	67292.20	0.060	2.341
	Mo	98	0.041503	mg/L	108088.17	0.096	4.392
>	Rh	103		mg/L	984688.66	984688.657	3.115
	Ag	107	0.023033	mg/L	91399.13	0.093	0.497
	Ag	109	0.023724	mg/L	89318.20	0.091	3.040
	Cd	111	0.044211	mg/L	43878.46	0.045	5.746
	Cd	114	0.043037	mg/L	103104.61	0.105	7.013
>	In	115		mg/L	1207456.37	1207456.374	0.809
	Sn	118	0.044247	mg/L	127838.99	0.105	4.488
	Sn	120	0.044713	mg/L	176191.93	0.145	4.225
	Sb	121	0.043437	mg/L	168225.43	0.138	4.288
	Sb	123	0.043782	mg/L	132550.34	0.109	5.812
	Ba	135	0.041551	mg/L	44646.52	0.028	5.016

	Ba	137	0.042297	mg/L	77043.51	0.048	9.563
>	Tb	159		mg/L	1601345.30	1601345.305	4.036
>	Ho	165		mg/L	1566642.21	1566642.211	5.530
	Hg	202	-0.008182	mg/L	65.67	-0.000	17.404
	Tl	203	0.042213	mg/L	168377.39	0.107	9.940
	Tl	205	0.043550	mg/L	403323.03	0.257	9.329
	Pb	208	0.043549	mg/L	565125.48	0.361	5.052
	Bi	209	0.043642	mg/L	476832.23	0.305	7.168
	Th	232	0.044258	mg/L	550197.88	0.350	8.779
	U	238	0.044123	mg/L	553505.21	0.354	9.621

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 19:00:17
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.047
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	110444.35	110444.353	4.138
	Be	9	0.000100	mg/L	28.33	0.000	335.480
	B	11	0.001770	mg/L	1547.81	0.003	43.049
	Na	23	0.036118	mg/L	39829.25	0.035	14.580
	Mg	24	-0.000519	mg/L	1396.46	0.001	36.631
	Al	27	0.000047	mg/L	11306.16	0.003	47.383
	Si	28	-0.001723	mg/L	178166.80	0.005	132.802
	K	39	-0.116130	mg/L	1753382.69	-0.752	10.333
	Ca	44	-0.060383	mg/L	226749.29	-0.031	30.005
>	Sc	45		mg/L	520216.72	520216.718	2.168
	Ti	47	-0.002905	mg/L	2472.36	-0.002	6.563
	V	51	-0.002621	mg/L	-39399.21	-0.017	36.778
	Cr	52	0.001065	mg/L	17755.83	0.006	11.293
	Mn	55	0.000071	mg/L	1775.52	0.000	4.023
	Fe	57	-0.025390	mg/L	11409.94	-0.007	6.473
	Ni	58	0.000374	mg/L	4742.62	0.003	10.123
	Co	59	0.000071	mg/L	141.67	-0.000	4.309
	Ni	60	-0.000239	mg/L	210.00	-0.000	18.644
	Ni	62	0.000044	mg/L	188.00	0.000	241.010
	Cu	63	-0.000981	mg/L	622.69	0.000	3094.840
	Cu	65	-0.001044	mg/L	480.35	0.000	9.038
	Zn	66	-0.002590	mg/L	1587.49	0.000	536.236
	Zn	68	-0.002152	mg/L	1952.56	0.000	2085.067
	Ga	69	0.000036	mg/L	4867.35	-0.004	22.558
>	Ge	72		mg/L	265533.55	265533.546	1.380
	As	75	-0.000001	mg/L	524.92	0.000	793.507
	Se	77	0.091157	mg/L	10225.19	0.014	8.450
	Se	82	0.001256	mg/L	140.02	0.000	48.956
	Sr	88	0.000005	mg/L	682.37	0.000	49.219
>	Y	89		mg/L	1068068.66	1068068.659	0.341
	Mo	95	0.000509	mg/L	927.39	0.001	22.977
	Mo	98	0.000494	mg/L	1516.13	0.001	13.748
>	Rh	103		mg/L	1005269.55	1005269.553	6.926
	Ag	107	-0.000064	mg/L	254.34	-0.000	23.575
	Ag	109	-0.000120	mg/L	236.01	-0.000	100.315
	Cd	111	0.000074	mg/L	54.67	-0.000	50.878
	Cd	114	0.000091	mg/L	124.38	-0.000	102.022
>	In	115		mg/L	1196999.06	1196999.063	1.424
	Sn	118	0.000011	mg/L	732.37	0.000	18.649
	Sn	120	0.000013	mg/L	1377.31	0.001	78.933
	Sb	121	0.001174	mg/L	9958.62	0.007	16.655
	Sb	123	0.001142	mg/L	7582.45	0.005	16.275
	Ba	135	0.000141	mg/L	134.34	0.000	50.059

	Ba	137	0.000024	mg/L	207.98	0.000	167.246
>	Tb	159		mg/L	1499922.50	1499922.504	4.796
>	Ho	165		mg/L	1492515.68	1492515.678	2.777
	Hg	202	-0.011215	mg/L	56.00	-0.000	17.210
	Tl	203	0.000065	mg/L	486.02	-0.000	2.069
	Tl	205	0.000017	mg/L	1109.41	-0.000	11.578
	Pb	208	-0.000159	mg/L	695.02	-0.000	19.950
	Bi	209	0.000102	mg/L	1087.74	0.001	30.808
	Th	232	0.001476	mg/L	10686.82	0.005	25.516
	U	238	-0.000037	mg/L	184.34	0.000	23.972

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-MSD1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 19:05:22
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.048
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 41

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	125378.46	125378.463	4.647
	Be	9	0.191051	mg/L	44324.25	0.354	3.918
	B	11	0.190236	mg/L	44853.18	0.347	6.588
	Na	23	57.385357	mg/L	152756394.32	275.583	2.238
	Mg	24	37.969513	mg/L	65477898.67	118.203	3.794
	Al	27	2.117142	mg/L	5194859.73	9.365	5.631
	Si	28	17.931922	mg/L	25524762.77	45.790	7.269
	K	39	3.654358	mg/L	17714551.18	27.873	6.228
	Ca	44	23.415929	mg/L	3329531.63	5.543	3.450
>	Sc	45		mg/L	554562.04	554562.041	4.689
	Ti	47	0.206192	mg/L	72981.71	0.125	1.616
	V	51	0.196972	mg/L	861864.13	1.615	6.108
	Cr	52	0.211296	mg/L	821741.00	1.457	8.376
	Mn	55	0.756585	mg/L	4500457.51	8.121	4.015
	Fe	57	2.077558	mg/L	317808.86	0.544	3.380
	Ni	58	0.427311	mg/L	1234834.56	4.329	3.086
	Co	59	0.342960	mg/L	1810946.27	6.368	2.025
	Ni	60	0.434199	mg/L	514889.11	1.810	3.359
	Ni	62	0.451924	mg/L	79567.23	0.279	1.412
	Cu	63	0.194140	mg/L	580911.53	2.041	2.726
	Cu	65	0.190754	mg/L	273114.18	0.959	3.527
	Zn	66	0.475820	mg/L	481017.69	1.686	2.452
	Zn	68	0.479501	mg/L	348549.18	1.219	1.017
	Ga	69	0.210707	mg/L	1018832.89	3.560	3.494
>	Ge	72		mg/L	284314.34	284314.338	0.547
	As	75	0.203416	mg/L	216683.00	0.760	3.146
	Se	77	0.362634	mg/L	22939.49	0.056	5.603
	Se	82	0.160558	mg/L	14995.81	0.011	0.703
	Sr	88	0.349601	mg/L	4023250.26	2.878	2.106
>	Y	89		mg/L	1397617.63	1397617.631	1.231
	Mo	95	0.167420	mg/L	328771.11	0.235	3.245
	Mo	98	0.164000	mg/L	528522.86	0.378	3.571
>	Rh	103		mg/L	989197.72	989197.719	2.667
	Ag	107	0.112582	mg/L	446909.11	0.451	2.358
	Ag	109	0.113742	mg/L	427841.76	0.432	1.902
	Cd	111	0.214614	mg/L	214167.51	0.217	4.040
	Cd	114	0.205520	mg/L	495096.84	0.501	6.703
>	In	115		mg/L	1196601.74	1196601.741	2.447
	Sn	118	0.224643	mg/L	640092.02	0.535	1.962
	Sn	120	0.228117	mg/L	884684.86	0.739	3.679
	Sb	121	0.255638	mg/L	953353.37	0.795	2.076
	Sb	123	0.251508	mg/L	734244.49	0.613	2.153
	Ba	135	0.217510	mg/L	232038.95	0.146	2.400

	Ba	137	0.220556	mg/L	398268.25	0.251	2.199
>	Tb	159		mg/L	1587065.41	1587065.410	2.776
>	Ho	165		mg/L	1536637.91	1536637.910	5.686
	Hg	202	0.011433	mg/L	107.67	0.000	39.981
	Tl	203	0.209033	mg/L	817776.75	0.533	6.699
	Tl	205	0.220744	mg/L	1999512.91	1.305	11.665
	Pb	208	0.210828	mg/L	2673715.23	1.742	4.109
	Bi	209	0.219793	mg/L	2360826.29	1.537	2.185
	Th	232	0.231085	mg/L	2852422.18	1.857	5.274
	U	238	0.233282	mg/L	2867983.48	1.873	9.050

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1271-01
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 19:10:27
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1271-01.049
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 42

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	111915.65	111915.649	6.440
	Be	9	0.000438	mg/L	98.33	0.001	18.373
	B	11	0.109373	mg/L	23528.99	0.199	5.395
	Na	23	S	mg/L	S	S	S
	Mg	24	105.552546	mg/L	185461199.11	328.592	0.814
	Al	27	6.152959	mg/L	15364467.17	27.211	2.256
	Si	28	5.288227	mg/L	7811938.56	13.510	6.080
	K	39	15.334103	mg/L	68073928.07	116.546	7.870
	Ca	44	248.456449	mg/L	33536122.62	58.973	5.161
>	Sc	45		mg/L	564378.10	564378.099	1.573
	Ti	47	0.005930	mg/L	5701.20	0.003	49.825
	V	51	0.041071	mg/L	158825.65	0.340	7.985
	Cr	52	0.015593	mg/L	75817.63	0.107	7.105
	Mn	55	5.389332	mg/L	32641054.15	57.847	3.656
	Fe	57	100.977644	mg/L	14955344.19	26.470	0.226
	Ni	58	0.695294	mg/L	2038400.49	7.044	12.886
	Co	59	0.010210	mg/L	54701.05	0.188	4.490
	Ni	60	0.026488	mg/L	32532.24	0.111	0.931
	Ni	62	0.069829	mg/L	12822.93	0.043	20.132
	Cu	63	0.002390	mg/L	10920.71	0.035	6.465
	Cu	65	0.003352	mg/L	6886.01	0.022	8.237
	Zn	66	0.043067	mg/L	48246.53	0.161	8.641
	Zn	68	0.039433	mg/L	32590.66	0.105	5.624
	Ga	69	0.000810	mg/L	9102.33	0.009	28.198
>	Ge	72		mg/L	290216.31	290216.313	6.938
	As	75	0.038510	mg/L	42298.74	0.144	2.333
	Se	77	0.024406	mg/L	8141.74	0.003	80.199
	Se	82	0.002033	mg/L	217.00	0.000	6.750
	Sr	88	2.824604	mg/L	27572126.43	23.249	3.715
>	Y	89		mg/L	1187725.95	1187725.949	6.354
	Mo	95	0.009506	mg/L	16028.30	0.013	1.810
	Mo	98	0.009329	mg/L	25816.82	0.022	5.045
>	Rh	103		mg/L	970082.46	970082.456	2.686
	Ag	107	-0.000005	mg/L	476.68	0.000	16.739
	Ag	109	-0.000073	mg/L	402.35	0.000	20.544
	Cd	111	0.000146	mg/L	123.00	0.000	7.328
	Cd	114	0.000149	mg/L	257.10	0.000	21.099
>	In	115		mg/L	1228794.75	1228794.750	2.584
	Sn	118	0.000301	mg/L	1599.16	0.001	13.974
	Sn	120	0.000219	mg/L	2235.11	0.001	23.175
	Sb	121	0.000438	mg/L	7412.11	0.005	14.293
	Sb	123	0.000520	mg/L	5929.49	0.004	12.127
	Ba	135	0.019842	mg/L	21397.37	0.013	7.390

	Ba	137	0.019666	mg/L	36138.25	0.022	4.975
>	Tb	159		mg/L	1610641.59	1610641.587	6.605
>	Ho	165		mg/L	1586761.98	1586761.981	1.902
	Hg	202	-0.016203	mg/L	48.00	-0.000	8.742
	Tl	203	0.000375	mg/L	1771.53	0.001	37.031
	Tl	205	0.000336	mg/L	4177.69	0.001	31.701
	Pb	208	0.000038	mg/L	3327.94	0.002	5.693
	Bi	209	0.000172	mg/L	1940.24	0.001	32.154
	Th	232	0.002656	mg/L	26527.36	0.015	26.955
	U	238	0.000239	mg/L	3712.80	0.002	5.897

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1271-02
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 19:15:32
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1271-02.050
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 43

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	115273.42	115273.423	4.674
	Be	9	0.000075	mg/L	24.67	-0.000	181.521
	B	11	0.136620	mg/L	29961.95	0.249	7.146
	Na	23	S	mg/L	S	S	S
	Mg	24	168.324476	mg/L	297945919.35	524.004	5.421
	Al	27	0.092396	mg/L	244361.08	0.411	4.534
	Si	28	1.899517	mg/L	2951731.00	4.859	8.325
	K	39	8.391511	mg/L	38599093.92	63.838	9.417
	Ca	44	240.997274	mg/L	32771159.79	57.202	3.597
>	Sc	45		mg/L	568370.13	568370.132	1.944
	Ti	47	0.125392	mg/L	46905.86	0.076	10.493
	V	51	0.013896	mg/L	33588.93	0.118	17.502
	Cr	52	0.008766	mg/L	49581.46	0.059	12.286
	Mn	55	2.488301	mg/L	15182600.29	26.708	2.604
	Fe	57	1.295022	mg/L	209296.76	0.339	3.725
	Ni	58	0.018808	mg/L	56594.39	0.190	15.149
	Co	59	0.001128	mg/L	5585.44	0.019	11.125
	Ni	60	0.016511	mg/L	19616.41	0.070	6.116
	Ni	62	0.016438	mg/L	3016.20	0.010	2.347
	Cu	63	0.000433	mg/L	4759.96	0.015	3.455
	Cu	65	0.001735	mg/L	4356.76	0.014	9.369
	Zn	66	0.001873	mg/L	6018.39	0.016	11.261
	Zn	68	0.001565	mg/L	4652.57	0.009	9.270
	Ga	69	0.001054	mg/L	9878.48	0.013	19.949
>	Ge	72		mg/L	278142.88	278142.878	6.447
	As	75	-0.000708	mg/L	-147.60	-0.002	161.573
	Se	77	0.109832	mg/L	11483.07	0.016	29.211
	Se	82	0.001802	mg/L	181.32	0.000	78.649
	Sr	88	3.037421	mg/L	27500608.82	25.001	5.209
>	Y	89		mg/L	1103357.02	1103357.018	9.874
	Mo	95	0.005706	mg/L	8999.89	0.008	2.839
	Mo	98	0.005871	mg/L	15118.30	0.014	12.386
>	Rh	103		mg/L	1035340.94	1035340.943	4.278
	Ag	107	-0.000030	mg/L	403.01	0.000	16.631
	Ag	109	0.000018	mg/L	785.04	0.001	14.660
	Cd	111	0.000107	mg/L	90.67	0.000	11.408
	Cd	114	0.000099	mg/L	148.75	0.000	1993.159
>	In	115		mg/L	1260702.46	1260702.455	7.451
	Sn	118	0.000246	mg/L	1489.48	0.001	47.676
	Sn	120	0.000081	mg/L	1729.57	0.001	20.018
	Sb	121	-0.000392	mg/L	4335.42	0.002	32.496
	Sb	123	-0.000327	mg/L	3480.73	0.002	24.109
	Ba	135	0.023064	mg/L	25250.00	0.015	12.072

	Ba	137	0.023314	mg/L	43475.54	0.027	9.588
>	Tb	159		mg/L	1640897.41	1640897.410	8.944
>	Ho	165		mg/L	1611311.12	1611311.120	4.190
	Hg	202	-0.012237	mg/L	58.00	-0.000	9.643
	Tl	203	0.000083	mg/L	599.36	-0.000	17.549
	Tl	205	0.000046	mg/L	1468.80	-0.000	16.347
	Pb	208	-0.000102	mg/L	1510.40	0.000	12.084
	Bi	209	0.000049	mg/L	581.69	0.000	24.856
	Th	232	0.001726	mg/L	14832.93	0.007	2.338
	U	238	0.001054	mg/L	14297.38	0.009	2.518

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1271-03
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 19:20:38
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1271-03.051
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 44

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	120133.05	120133.055	4.348
	Be	9	0.000067	mg/L	23.67	-0.000	124.348
	B	11	0.055194	mg/L	13386.66	0.100	8.236
	Na	23	S	mg/L	S	S	S
	Mg	24	19.381159	mg/L	37886404.61	60.337	5.802
	Al	27	0.005644	mg/L	29189.42	0.028	7.284
	Si	28	3.831629	mg/L	6354967.86	9.791	7.927
	K	39	13.207429	mg/L	65544296.37	100.400	9.482
	Ca	44	77.894970	mg/L	11896411.24	18.478	5.314
>	Sc	45		mg/L	628993.83	628993.828	6.475
	Ti	47	-0.001695	mg/L	3446.69	-0.002	8.432
	V	51	-0.006177	mg/L	-66010.69	-0.046	22.211
	Cr	52	0.001766	mg/L	24484.25	0.011	20.781
	Mn	55	0.051757	mg/L	350753.48	0.555	3.727
	Fe	57	0.211154	mg/L	52823.59	0.055	6.257
	Ni	58	0.005478	mg/L	21081.05	0.055	19.152
	Co	59	0.000492	mg/L	2533.38	0.007	14.365
	Ni	60	0.005537	mg/L	7559.88	0.024	8.822
	Ni	62	0.008214	mg/L	1764.86	0.005	6.070
	Cu	63	0.003851	mg/L	16107.43	0.051	7.030
	Cu	65	0.003604	mg/L	7602.59	0.023	13.094
	Zn	66	0.008578	mg/L	13762.25	0.039	15.292
	Zn	68	0.009368	mg/L	11093.55	0.029	12.296
	Ga	69	0.001159	mg/L	11380.92	0.015	17.631
>	Ge	72		mg/L	305759.94	305759.945	9.281
	As	75	-0.000699	mg/L	-166.88	-0.002	86.463
	Se	77	0.109590	mg/L	12593.53	0.016	21.851
	Se	82	0.001287	mg/L	164.55	0.000	46.256
	Sr	88	0.377977	mg/L	3843895.80	3.111	3.852
>	Y	89		mg/L	1237406.36	1237406.359	6.895
	Mo	95	0.001569	mg/L	2912.83	0.002	5.457
	Mo	98	0.001518	mg/L	4657.46	0.004	9.379
>	Rh	103		mg/L	1125190.18	1125190.180	6.440
	Ag	107	-0.000082	mg/L	202.00	-0.000	18.800
	Ag	109	-0.000143	mg/L	166.34	-0.000	35.779
	Cd	111	0.000103	mg/L	93.67	0.000	14.422
	Cd	114	0.000115	mg/L	203.80	0.000	42.732
>	In	115		mg/L	1385321.17	1385321.167	8.768
	Sn	118	-0.000065	mg/L	594.69	0.000	286.146
	Sn	120	-0.000155	mg/L	838.90	0.000	304.871
	Sb	121	0.000154	mg/L	7114.53	0.004	13.368
	Sb	123	0.000197	mg/L	5586.70	0.003	11.889
	Ba	135	0.026539	mg/L	32619.56	0.018	8.048

	Ba	137	0.026694	mg/L	55783.26	0.030	6.638
>	Tb	159		mg/L	1832237.35	1832237.354	3.913
>	Ho	165		mg/L	1857534.36	1857534.360	4.711
	Hg	202	-0.001988	mg/L	94.33	-0.000	69.329
	Tl	203	0.000035	mg/L	464.02	-0.000	4.245
	Tl	205	-0.000014	mg/L	1043.40	-0.001	8.631
	Pb	208	-0.000167	mg/L	744.69	-0.000	7.312
	Bi	209	0.000027	mg/L	388.68	0.000	37.754
	Th	232	0.000793	mg/L	3103.90	-0.001	10.737
	U	238	0.000009	mg/L	919.39	0.000	5.148

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 19:25:44
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.052
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	114801.29	114801.287	4.185
	Be	9	0.000062	mg/L	21.67	-0.000	17.839
	B	11	0.001019	mg/L	1456.13	0.001	46.804
	Na	23	0.052301	mg/L	87243.63	0.113	31.793
	Mg	24	0.002017	mg/L	6098.90	0.009	107.308
	Al	27	-0.000807	mg/L	10069.68	-0.001	76.022
	Si	28	0.002249	mg/L	197608.96	0.015	77.507
	K	39	-0.140550	mg/L	1785014.01	-0.937	13.716
	Ca	44	-0.287601	mg/L	214170.55	-0.085	11.686
>	Sc	45		mg/L	560907.00	560907.001	4.889
	Ti	47	-0.004101	mg/L	2260.97	-0.003	11.538
	V	51	0.004615	mg/L	-9089.16	0.042	57.730
	Cr	52	-0.000910	mg/L	11514.44	-0.007	10.053
	Mn	55	0.000013	mg/L	1579.16	-0.000	227.724
	Fe	57	-0.027484	mg/L	11999.72	-0.008	3.195
	Ni	58	0.000981	mg/L	6497.72	0.010	12.708
	Co	59	0.000068	mg/L	130.34	-0.000	15.329
	Ni	60	-0.000258	mg/L	193.00	-0.000	13.647
	Ni	62	0.000396	mg/L	250.67	0.000	40.181
	Cu	63	-0.001000	mg/L	582.69	-0.000	90.690
	Cu	65	-0.000960	mg/L	604.03	0.001	8.941
	Zn	66	-0.002554	mg/L	1652.17	0.000	205.270
	Zn	68	-0.002478	mg/L	1766.86	-0.001	75.236
	Ga	69	-0.000332	mg/L	3282.96	-0.010	8.402
>	Ge	72		mg/L	270861.08	270861.075	4.633
	As	75	0.000435	mg/L	971.89	0.002	21.833
	Se	77	-0.110163	mg/L	1958.23	-0.018	4.443
	Se	82	0.001290	mg/L	150.87	0.000	20.517
	Sr	88	0.000034	mg/L	1006.74	0.000	138.977
>	Y	89		mg/L	1128590.19	1128590.190	6.421
	Mo	95	0.000163	mg/L	429.01	0.000	32.414
	Mo	98	0.000118	mg/L	617.32	0.000	34.446
>	Rh	103		mg/L	1020888.28	1020888.284	5.082
	Ag	107	-0.000094	mg/L	138.34	-0.000	6.485
	Ag	109	-0.000152	mg/L	115.67	-0.000	13.871
	Cd	111	0.000071	mg/L	52.33	-0.000	159.981
	Cd	114	0.000081	mg/L	101.29	-0.000	23.342
>	In	115		mg/L	1258747.09	1258747.086	9.164
	Sn	118	-0.000098	mg/L	442.02	-0.000	75.109
	Sn	120	-0.000184	mg/L	649.69	-0.000	110.024
	Sb	121	-0.001360	mg/L	582.69	-0.001	8.423
	Sb	123	-0.001311	mg/L	484.62	-0.001	9.198
	Ba	135	0.000108	mg/L	117.00	-0.000	29.900

	Ba	137	-0.000000	mg/L	193.29	-0.000	58.008
>	Tb	159		mg/L	1745918.91	1745918.909	9.508
>	Ho	165		mg/L	1683186.35	1683186.352	8.146
	Hg	202	-0.011375	mg/L	62.67	-0.000	24.839
	Tl	203	0.000020	mg/L	354.68	-0.000	9.841
	Tl	205	-0.000032	mg/L	760.71	-0.001	4.807
	Pb	208	-0.000167	mg/L	683.02	-0.000	5.677
	Bi	209	0.000014	mg/L	202.34	-0.000	23.054
	Th	232	0.000659	mg/L	977.40	-0.002	5.911
	U	238	-0.000046	mg/L	92.00	-0.000	33.752

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV4
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 19:30:48
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV4.053
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	110061.25	110061.253	6.043
	Be	9	0.038636	mg/L	7887.19	0.071	7.286
	B	11	0.042940	mg/L	9821.10	0.078	9.760
	Na	23	0.488698	mg/L	1166247.33	2.210	1.408
	Mg	24	0.465505	mg/L	752343.17	1.451	4.049
	Al	27	0.240599	mg/L	561891.75	1.067	5.336
	Si	28	0.055859	mg/L	253562.72	0.152	8.761
	K	39	0.393232	mg/L	3752579.88	3.115	5.083
	Ca	44	0.435892	mg/L	286484.81	0.087	38.131
>	Sc	45		mg/L	518222.43	518222.433	4.725
	Ti	47	0.039468	mg/L	15775.85	0.023	5.875
	V	51	0.037722	mg/L	131725.19	0.313	8.625
	Cr	52	0.043027	mg/L	167660.87	0.296	2.693
	Mn	55	0.040976	mg/L	229546.99	0.439	10.099
	Fe	57	0.164695	mg/L	37205.56	0.043	5.090
	Ni	58	0.044986	mg/L	120500.92	0.455	8.581
	Co	59	0.043716	mg/L	207658.66	0.810	11.349
	Ni	60	0.043045	mg/L	46482.46	0.180	6.445
	Ni	62	0.044185	mg/L	7191.59	0.027	2.701
	Cu	63	0.039805	mg/L	110606.57	0.427	2.703
	Cu	65	0.039433	mg/L	52597.13	0.203	1.616
	Zn	66	0.035195	mg/L	35705.85	0.133	8.304
	Zn	68	0.036783	mg/L	27113.08	0.099	11.556
	Ga	69	0.044298	mg/L	196880.35	0.745	6.719
>	Ge	72		mg/L	257458.74	257458.741	8.397
	As	75	0.040302	mg/L	39239.24	0.151	2.364
	Se	77	0.112133	mg/L	10704.41	0.017	22.992
	Se	82	0.043018	mg/L	2984.75	0.003	10.403
	Sr	88	0.044075	mg/L	372356.03	0.363	11.825
>	Y	89		mg/L	1032502.29	1032502.293	10.054
	Mo	95	0.042560	mg/L	62024.02	0.060	5.178
	Mo	98	0.042762	mg/L	102031.37	0.099	3.128
>	Rh	103		mg/L	1016319.57	1016319.570	4.891
	Ag	107	0.021737	mg/L	88987.51	0.087	4.006
	Ag	109	0.021332	mg/L	82827.05	0.081	10.660
	Cd	111	0.038758	mg/L	39600.52	0.039	14.895
	Cd	114	0.037899	mg/L	93600.50	0.092	9.170
>	In	115		mg/L	1162519.87	1162519.868	5.691
	Sn	118	0.043810	mg/L	122068.81	0.104	4.722
	Sn	120	0.043606	mg/L	165481.70	0.142	2.590
	Sb	121	0.041049	mg/L	152840.57	0.130	10.461
	Sb	123	0.040743	mg/L	118560.68	0.101	12.848
	Ba	135	0.042745	mg/L	43077.89	0.029	9.235

	Ba	137	0.045007	mg/L	76662.21	0.051	13.990
>	Tb	159		mg/L	1510342.39	1510342.386	12.887
>	Ho	165		mg/L	1496378.49	1496378.490	8.738
	Hg	202	-0.007990	mg/L	62.67	-0.000	53.075
	Tl	203	0.045163	mg/L	171746.80	0.115	9.758
	Tl	205	0.045740	mg/L	404381.45	0.270	7.389
	Pb	208	0.043997	mg/L	546405.60	0.365	0.334
	Bi	209	0.045131	mg/L	470965.67	0.315	5.007
	Th	232	0.047032	mg/L	557623.36	0.373	10.786
	U	238	0.047575	mg/L	569011.29	0.382	11.164

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB4
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 22, 2011 19:35:52
Sample File: C:\Elandata\Sample\110322B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB4.054
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	92931.96	92931.961	7.567
	Be	9	0.000104	mg/L	24.67	0.000	275.514
	B	11	0.001232	mg/L	1205.09	0.002	131.414
	Na	23	0.046434	mg/L	56885.58	0.085	6.134
	Mg	24	-0.000369	mg/L	1417.12	0.001	15.874
	Al	27	0.000559	mg/L	10762.49	0.005	56.488
	Si	28	0.012287	mg/L	169720.31	0.041	105.979
	K	39	-0.063037	mg/L	1696547.61	-0.349	78.446
	Ca	44	0.364602	mg/L	241176.59	0.070	63.717
>	Sc	45		mg/L	451061.32	451061.324	7.476
	Ti	47	-0.000610	mg/L	2759.45	-0.001	59.464
	V	51	-0.003414	mg/L	-36996.96	-0.024	49.100
	Cr	52	0.001745	mg/L	17416.86	0.011	40.443
	Mn	55	0.000097	mg/L	1662.84	0.001	48.761
	Fe	57	-0.021060	mg/L	10390.71	-0.006	13.268
	Ni	58	0.001174	mg/L	5855.61	0.011	9.083
	Co	59	0.000073	mg/L	129.34	-0.000	10.899
	Ni	60	-0.000189	mg/L	225.34	0.000	325.085
	Ni	62	0.000241	mg/L	187.00	0.000	12.578
	Cu	63	-0.000976	mg/L	540.02	0.000	336.959
	Cu	65	-0.000954	mg/L	510.35	0.001	13.696
	Zn	66	-0.002491	mg/L	1426.79	0.000	51.781
	Zn	68	-0.001567	mg/L	1991.91	0.001	30.260
	Ga	69	0.000410	mg/L	5558.09	0.002	97.873
>	Ge	72		mg/L	225551.91	225551.912	1.803
	As	75	-0.000250	mg/L	233.66	-0.001	99.729
	Se	77	0.095966	mg/L	8848.40	0.014	15.673
	Se	82	0.000980	mg/L	102.42	0.000	93.056
	Sr	88	0.000013	mg/L	646.03	0.000	28.634
>	Y	89		mg/L	910873.72	910873.716	3.091
	Mo	95	0.000421	mg/L	676.70	0.001	19.733
	Mo	98	0.000384	mg/L	1057.79	0.001	24.866
>	Rh	103		mg/L	849676.39	849676.389	2.696
	Ag	107	-0.000053	mg/L	254.01	0.000	175.498
	Ag	109	-0.000113	mg/L	222.67	0.000	199.219
	Cd	111	0.000076	mg/L	47.67	-0.000	145.751
	Cd	114	0.000086	mg/L	95.88	-0.000	60.725
>	In	115		mg/L	1048516.74	1048516.739	2.963
	Sn	118	0.000025	mg/L	677.37	0.000	22.016
	Sn	120	-0.000095	mg/L	845.02	0.000	22.037
	Sb	121	0.001156	mg/L	8662.26	0.007	17.234
	Sb	123	0.001151	mg/L	6672.65	0.005	17.478
	Ba	135	0.000137	mg/L	118.67	-0.000	1599.476

	Ba	137	0.000027	mg/L	194.66	0.000	70.207
>	Tb	159		mg/L	1367181.17	1367181.168	2.871
>	Ho	165		mg/L	1314979.28	1314979.282	8.089
	Hg	202	-0.008028	mg/L	55.33	-0.000	28.864
	Tl	203	0.000026	mg/L	295.34	-0.000	9.434
	Tl	205	-0.000018	mg/L	702.37	-0.001	8.462
	Pb	208	-0.000156	mg/L	642.02	-0.000	40.374
	Bi	209	0.000086	mg/L	810.05	0.000	36.246
	Th	232	0.001482	mg/L	9454.77	0.005	28.217
	U	238	-0.000036	mg/L	170.34	0.000	44.923

Dataset Report

User Name: Elan 9000
Computer Name: D4463YH1
Dataset File Path: C:\Elandata\Dataset\110322B_PBK\
Report Date/Time: Tuesday, March 22, 2011 20:59:12

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	Blank	14:57:53 Tue 22-Mar-11	Blank	C:\Elandata\Dataset\110322B_PBK\Blank.001	
	Standard 1	15:02:58 Tue 22-Mar-11	Standard #1	C:\Elandata\Dataset\110322B_PBK\Standard 1.002	
	Standard 2	15:08:05 Tue 22-Mar-11	Standard #2	C:\Elandata\Dataset\110322B_PBK\Standard 2.003	
	Standard 3	15:13:11 Tue 22-Mar-11	Standard #3	C:\Elandata\Dataset\110322B_PBK\Standard 3.004	
	Standard 4	15:18:19 Tue 22-Mar-11	Standard #4	C:\Elandata\Dataset\110322B_PBK\Standard 4.005	
	Standard 5	15:23:26 Tue 22-Mar-11	Standard #5	C:\Elandata\Dataset\110322B_PBK\Standard 5.006	
	SEQ-ICV1	15:28:32 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV1.007	
	SEQ-ICB1	15:33:36 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICB1.008	
	SEQ-LCV1	15:38:41 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-LCV1.009	
	SEQ-LCV2	15:43:48 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-LCV2.010	
	SEQ-SCV1	15:48:54 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-SCV1.011	
	SEQ-HCV1	15:53:58 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-HCV1.012	
	SEQ-IFA1	15:59:04 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-IFA1.013	
	Standard 1	16:08:07 Tue 22-Mar-11	Standard #1	C:\Elandata\Dataset\110322B_PBK\Standard 1.014	
	Standard 5	16:14:35 Tue 22-Mar-11	Standard #5	C:\Elandata\Dataset\110322B_PBK\Standard 5.015	
	SEQ-IFB1	16:22:20 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-IFB1.016	
	SEQ-ICV2	16:27:26 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.017	
	RINSE	16:32:31 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.018	
	SEQ-CCV1	16:37:35 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.019	
	SEQ-ICV2	16:42:40 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.020	
	SEQ-CCB1	16:47:57 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.021	
	1113050-BLK1	16:53:02 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-BLK1.022	
	1113050-BS1	16:58:08 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-BS1.023	
	11C1243-01	17:03:14 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1243-01.024	
	1113050-DUP1	17:08:21 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-DUP1.025	
	1113050-MS1	17:13:29 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-MS1.026	
	1113050-MSD1	17:18:35 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-MSD1.027	
	11C1244-01	17:23:40 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1244-01.028	
	11C1245-01	17:28:45 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1245-01.029	
	11C1246-01	17:33:49 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1246-01.030	
	11C1345-01	17:38:54 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1345-01.031	
	RINSE	17:43:59 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.032	
	SEQ-CCV2	17:49:03 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.033	
	SEQ-CCB2	17:54:07 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.034	
	1113066-BLK1	17:59:11 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.035	
	1113066-BS1	18:04:16 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BS1.036	
	11C0457-01	18:09:22 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0457-01.037	
	11C0823-01	18:14:27 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0823-01.038	
	11C1114-01	18:19:33 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1114-01.039	
	11C1117-01	18:24:40 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1117-01.040	
	11C1255-31	18:29:47 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31.041	
	11C1255-32	18:34:53 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-32.042	
	1113066-DUP1	18:39:58 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.043	
	1113066-MS1	18:45:03 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MS1.044	

RINSE	18:50:09 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.045
SEQ-CCV3	18:55:13 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.046
SEQ-CCB3	19:00:17 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.047
1113066-MSD1	19:05:22 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.048
11C1271-01	19:10:27 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1271-01.049
11C1271-02	19:15:32 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1271-02.050
11C1271-03	19:20:38 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1271-03.051
RINSE	19:25:44 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.052
SEQ-CCV4	19:30:48 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV4.053
SEQ-CCB4	19:35:52 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB4.054

Method File Name

File Name _dept40_wholelist_is_5std.mth
Path C:\Elandata\Method_dept40_wholelist_is_5std.mth

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001852	-0.000	0.999994
B	11.009	Simple Linear	0.001827	-0.001	0.999875
Na	22.990	Simple Linear	0.004805	-0.138	0.999954
Mg	23.985	Simple Linear	0.003113	0.002	0.999927
Al	26.982	Simple Linear	0.004422	0.003	0.999850
Si	27.977	Simple Linear	0.002553	0.009	0.996708
K	38.964	Simple Linear	0.007592	0.130	0.999981
Ca	43.956	Simple Linear	0.000237	-0.016	0.999983
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000607	-0.001	0.999919
V	50.944	Simple Linear	0.008180	0.004	0.999946
Cr	51.941	Simple Linear	0.006902	-0.001	0.999956
Mn	54.938	Simple Linear	0.010734	-0.000	0.999997
Fe	56.935	Simple Linear	0.000262	-0.000	0.995353
Ni	57.935	Simple Linear	0.010132	-0.000	0.999987
Co	58.933	Simple Linear	0.018574	-0.002	0.999984
Ni	59.933	Simple Linear	0.004166	0.001	0.999948
Ni	61.928	Simple Linear	0.000618	-0.000	0.999994
Cu	62.930	Simple Linear	0.010460	0.010	0.999095
Cu	64.928	Simple Linear	0.005000	0.005	0.999131
Zn	65.926	Simple Linear	0.003524	0.009	0.999631
Zn	67.925	Simple Linear	0.002530	0.005	0.999688
Ga	68.926	Simple Linear	0.016921	-0.005	0.999994
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.003737	0.000	0.999998
Se	76.920	Simple Linear	0.000155	-0.001	0.935608
Se	81.917	Simple Linear	0.000067	-0.000	0.999897
Sr	87.906	Simple Linear	0.008231	0.000	0.999994
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001405	-0.000	0.999929
Mo	97.906	Simple Linear	0.002305	0.000	0.999930
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.004007	0.000	0.999993
Ag	108.905	Simple Linear	0.003797	0.000	0.999987
Cd	110.904	Simple Linear	0.001010	-0.000	0.999993
Cd	113.904	Simple Linear	0.002439	-0.000	0.999994
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002379	0.000	0.999996
Sn	119.902	Simple Linear	0.003238	0.001	0.999996
Sb	120.904	Simple Linear	0.003099	0.003	0.999838
Sb	122.904	Simple Linear	0.002426	0.002	0.999835
Ba	134.906	Simple Linear	0.000672	-0.000	0.999981
Ba	136.905	Simple Linear	0.001138	-0.000	0.999994
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000001	-0.000	0.940229

Tl	202.972	Simple Linear	0.002552	-0.000	0.999991
Tl	204.975	Simple Linear	0.005917	-0.001	0.999993
Pb	207.977	Simple Linear	0.008257	0.001	0.999996
Bi	208.980	Simple Linear	0.006992	-0.000	0.999996
Th	232.038	Simple Linear	0.008068	-0.007	0.999933
U	238.050	Simple Linear	0.008026	0.000	0.999999

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C2306 **Matrix:** Water **Department:** Metals **Instrument:** PE ELAN 9000

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:01:51
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.055
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	354497.96	354497.956	1.670
	V	51	0.043289	mg/L	106287.07	0.358	3.256
	Mn	55	0.042250	mg/L	161652.92	0.453	3.428
	Zn	66	0.033193	mg/L	22800.79	0.126	4.148
	Zn	68	0.032046	mg/L	16214.62	0.087	1.861
>	Ge	72		mg/L	172771.18	172771.176	3.323

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:04:44
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.056
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	341429.63	341429.629	1.731
⎢	V	51	-0.000650	mg/L	-20368.19	-0.001	456.082
⎣	Mn	55	-0.000020	mg/L	833.05	-0.001	18.151
⎡	Zn	66	-0.002460	mg/L	1045.07	0.001	18.580
⎢	Zn	68	-0.002823	mg/L	918.06	-0.002	17.008
⎣>	Ge	72		mg/L	162322.76	162322.758	1.170

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:07:05
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.057
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 21

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	317288.77	317288.769	1.362
⎢	V	51	0.000886	mg/L	-14928.22	0.011	44.518
⎣	Mn	55	0.000008	mg/L	869.05	-0.000	41.057
⎡	Zn	66	-0.000839	mg/L	1776.19	0.006	4.422
⎢	Zn	68	-0.001031	mg/L	1489.47	0.003	7.375
⎣>	Ge	72		mg/L	146174.97	146174.973	0.697

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-BS1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:09:28
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-BS1.058
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 22

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	346211.60	346211.599	1.219
	V	51	0.212468	mg/L	582858.69	1.742	2.283
	Mn	55	0.208113	mg/L	774246.70	2.233	0.942
	Zn	66	0.183578	mg/L	108338.90	0.656	2.732
	Zn	68	0.180204	mg/L	76704.01	0.461	1.516
>	Ge	72		mg/L	163673.37	163673.375	1.337

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0457-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:11:50
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C0457-01RE1.059
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 23

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	344673.38	344673.382	1.181
	V	51	-0.005610	mg/L	-34511.46	-0.042	23.584
	Mn	55	0.002232	mg/L	9171.38	0.023	1.612
	Zn	66	0.001659	mg/L	3460.03	0.015	0.899
	Zn	68	0.003121	mg/L	3417.68	0.013	1.668
>	Ge	72		mg/L	165145.73	165145.728	1.568

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0823-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:14:13
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C0823-01RE1.060
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 24

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	344065.22	344065.223	2.291
⎢	V	51	-0.008911	mg/L	-43733.97	-0.069	12.146
⎣	Mn	55	0.641846	mg/L	2372309.02	6.889	2.875
⎡	Zn	66	0.012632	mg/L	9358.58	0.054	4.417
⎢	Zn	68	0.009149	mg/L	5642.48	0.029	3.816
⎣>	Ge	72		mg/L	157035.36	157035.357	3.547

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1114-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:16:37
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1114-01RE1.061
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 25

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈>	Sc	45		mg/L	401249.82	401249.824	2.582
|	V	51	-0.012144	mg/L	-61643.70	-0.095	6.966
⌊	Mn	55	0.000759	mg/L	4332.41	0.008	1.121
⌈	Zn	66	0.019982	mg/L	16154.17	0.080	3.745
|	Zn	68	0.019398	mg/L	11687.96	0.055	2.320
⌊>	Ge	72		mg/L	188940.42	188940.423	1.612

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1117-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:18:59
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1117-01RE1.062
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 26

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	389248.90	389248.900	4.403
⎢	V	51	-0.003629	mg/L	-32675.56	-0.025	9.303
⎣	Mn	55	2.332707	mg/L	9735860.49	25.038	4.015
⎡	Zn	66	0.262754	mg/L	173918.90	0.935	5.677
⎢	Zn	68	0.251924	mg/L	120205.86	0.643	4.213
⎣>	Ge	72		mg/L	185112.39	185112.394	4.583

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-31RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:21:20
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-31RE1.063
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 27

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	432763.00	432763.001	2.155
	V	51	-0.004999	mg/L	-41165.87	-0.037	29.909
	Mn	55	3.013294	mg/L	13993521.09	32.344	3.729
	Zn	66	-0.000537	mg/L	2790.12	0.007	6.167
	Zn	68	0.000310	mg/L	2867.48	0.006	8.925
>	Ge	72		mg/L	211291.02	211291.019	2.964

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-31RE2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:23:42
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-31RE2.064
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 28

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	436446.11	436446.109	3.059
	V	51	-0.011851	mg/L	-32162.35	-0.015	6.695
	Mn	55	3.216137	mg/L	3011864.83	6.904	4.430
	Zn	66	-0.010644	mg/L	1706.18	0.002	15.168
	Zn	68	-0.008337	mg/L	1924.22	0.001	32.666
>	Ge	72		mg/L	224472.10	224472.097	2.756

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-32RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:26:03
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-32RE1.065
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 29

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	472182.32	472182.317	0.833
	V	51	-0.003744	mg/L	-40101.94	-0.026	14.792
	Mn	55	0.535543	mg/L	2715602.06	5.748	0.549
	Zn	66	0.314521	mg/L	263462.11	1.118	5.055
	Zn	68	0.302927	mg/L	182745.46	0.772	2.063
>	Ge	72		mg/L	234568.53	234568.532	1.005

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:28:24
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.066
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 30

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	508507.77	508507.771	3.244
⎢	V	51	-0.004447	mg/L	-46054.78	-0.032	26.490
⎣	Mn	55	0.544842	mg/L	2973799.87	5.848	2.233
⎡	Zn	66	0.300563	mg/L	278519.19	1.068	2.834
⎢	Zn	68	0.286405	mg/L	191161.61	0.730	2.241
⎣>	Ge	72		mg/L	259260.49	259260.494	0.366

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:30:46
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.067
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	439233.93	439233.932	1.220
	V	51	0.001125	mg/L	-19810.86	0.013	46.554
	Mn	55	0.000209	mg/L	2148.61	0.002	5.468
	Zn	66	-0.002326	mg/L	1551.15	0.001	27.573
	Zn	68	-0.002602	mg/L	1395.45	-0.001	17.671
>	Ge	72		mg/L	224480.79	224480.792	0.975

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:33:07
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.068
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	413739.20	413739.204	1.716
⎢	V	51	0.039327	mg/L	110640.38	0.326	2.171
⎣	Mn	55	0.043819	mg/L	195628.76	0.470	3.154
⎡	Zn	66	0.032981	mg/L	28371.16	0.125	2.773
⎢	Zn	68	0.032751	mg/L	20664.33	0.088	2.398
⎣>	Ge	72		mg/L	216080.87	216080.865	1.834

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:35:27
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.069
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	415989.57	415989.567	2.413
⎢	V	51	-0.004957	mg/L	-39460.28	-0.036	4.955
⎣	Mn	55	0.000037	mg/L	1266.10	-0.000	140.526
⎡	Zn	66	-0.002658	mg/L	1228.76	-0.000	104.582
⎢	Zn	68	-0.002612	mg/L	1323.78	-0.001	27.742
⎣>	Ge	72		mg/L	213963.47	213963.469	2.109

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-MS1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:37:48
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-MS1.070
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 31

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	465340.21	465340.206	1.547
	V	51	0.208444	mg/L	768057.08	1.709	1.140
	Mn	55	0.745427	mg/L	3725362.51	8.001	2.177
	Zn	66	0.475650	mg/L	397298.05	1.685	1.903
	Zn	68	0.460525	mg/L	276701.74	1.171	0.835
>	Ge	72		mg/L	234933.66	234933.659	1.440

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-MSD1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:40:10
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.071
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 32

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	465741.35	465741.348	2.164
	V	51	0.205196	mg/L	755960.40	1.683	5.713
	Mn	55	0.768017	mg/L	3838105.99	8.243	4.756
	Zn	66	0.485898	mg/L	413063.66	1.722	3.724
	Zn	68	0.466727	mg/L	285433.70	1.186	1.281
>	Ge	72		mg/L	239149.64	239149.643	0.987

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:42:32
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.072
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	458620.45	458620.449	0.645
⎢	V	51	0.002345	mg/L	-16113.99	0.023	19.536
⎣	Mn	55	0.000108	mg/L	1745.52	0.001	26.594
⎡	Zn	66	-0.002385	mg/L	1573.15	0.001	20.220
⎢	Zn	68	-0.002645	mg/L	1432.46	-0.001	5.879
⎣>	Ge	72		mg/L	234643.45	234643.449	1.681

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:44:52
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.073
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	463748.89	463748.894	1.555
	V	51	0.038902	mg/L	122391.92	0.322	0.704
	Mn	55	0.044229	mg/L	221299.35	0.474	4.219
	Zn	66	0.032514	mg/L	30996.09	0.124	1.409
	Zn	68	0.033007	mg/L	23015.34	0.089	1.660
>	Ge	72		mg/L	238973.23	238973.225	1.815

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:47:13
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.074
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	445309.40	445309.399	1.173
	V	51	-0.004573	mg/L	-40840.97	-0.033	11.498
	Mn	55	0.000038	mg/L	1359.78	-0.000	13.184
	Zn	66	-0.002651	mg/L	1326.11	-0.000	157.576
	Zn	68	-0.002681	mg/L	1383.45	-0.001	8.789
>	Ge	72		mg/L	230011.11	230011.111	0.639

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:29:46
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Blank.075
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	458173.55		
	V	51		mg/L	-23621.63		
	Mn	55		mg/L	1071.41		
	Zn	66		mg/L	1301.44		
	Zn	68		mg/L	1068.74		
>	Ge	72		mg/L	239647.38		

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:32:07
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 1.076
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	464452.74	464452.736	1.651
	V	51		mg/L	-30915.16	-0.015	25.154
	Mn	55		mg/L	1285.44	0.000	8.453
	Zn	66		mg/L	1970.23	0.003	11.196
	Zn	68		mg/L	1709.51	0.003	11.309
>	Ge	72		mg/L	235884.94	235884.939	1.615

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:34:30
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 2.077
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	441393.39	441393.387	2.877
	V	51	0.001000	mg/L	-35746.03	-0.029	26.643
	Mn	55	0.001000	mg/L	1334.44	0.001	22.449
	Zn	66	0.001000	mg/L	2446.02	0.005	5.620
	Zn	68	0.001000	mg/L	2030.25	0.004	3.551
>	Ge	72		mg/L	229248.41	229248.409	2.634

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:36:52
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 3.078
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	451243.83	451243.827	0.835
	V	51	0.004762	mg/L	-38862.58	-0.035	14.971
	Mn	55	0.004259	mg/L	1334.78	0.001	4.949
	Zn	66	0.004985	mg/L	5178.53	0.017	2.857
	Zn	68	0.004985	mg/L	3927.89	0.013	5.524
>	Ge	72		mg/L	229856.99	229856.986	0.774

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:39:15
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 4.079
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	454651.18	454651.179	2.336
	V	51	0.009120	mg/L	-41490.00	-0.040	17.580
	Mn	55	0.007863	mg/L	1344.45	0.001	12.521
	Zn	66	0.010031	mg/L	8918.13	0.033	1.725
	Zn	68	0.010074	mg/L	6670.18	0.024	5.021
>	Ge	72		mg/L	231191.75	231191.751	2.641

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:41:39
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 5.080
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	449467.13	449467.134	2.692
	V	51	0.090888	mg/L	-41276.17	-0.040	13.539
	Mn	55	0.100386	mg/L	2298.65	0.003	8.320
	Zn	66	0.100018	mg/L	76284.85	0.325	3.583
	Zn	68	0.100004	mg/L	53550.46	0.228	3.765
>	Ge	72		mg/L	230926.30	230926.298	3.634

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:44:01
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-ICV1.081
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	443902.04	443902.045	1.204
	V	51	-2.734790	mg/L	117380.05	0.316	1.741
	Mn	55	21.286722	mg/L	216062.58	0.484	2.583
	Zn	66	0.037999	mg/L	30797.73	0.124	1.003
	Zn	68	0.039388	mg/L	22586.92	0.091	1.775
>	Ge	72		mg/L	237340.79	237340.792	0.965

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:46:22
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-ICB1.082
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	452559.33	452559.332	2.571
	V	51	0.019837	mg/L	-37548.16	-0.031	34.111
	Mn	55	0.007169	mg/L	1356.78	0.001	6.983
	Zn	66	-0.000338	mg/L	1340.45	0.000	102.020
	Zn	68	-0.000029	mg/L	1469.80	0.002	2.057
>	Ge	72		mg/L	239513.63	239513.629	0.755

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:48:44
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-LCV1.083
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.001188	mg/L	2508.04	0.005	8.926
|	Zn	68	0.001351	mg/L	2202.62	0.005	4.955
⌊>	Ge	72		mg/L	238150.27	238150.265	2.472

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:50:51
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-LCV2.084
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.004725	mg/L	5169.52	0.017	2.512
|	Zn	68	0.004973	mg/L	4099.30	0.013	2.943
⌊>	Ge	72		mg/L	235068.34	235068.344	1.857

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:52:57
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-SCV1.085
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.517606	mg/L	385099.95	1.678	2.025
|	Zn	68	0.531562	mg/L	276054.28	1.202	2.113
⌊>	Ge	72		mg/L	228796.81	228796.813	2.542

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:55:03
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-HCV1.086
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	1.003581	mg/L	740306.86	3.251	3.058
|	Zn	68	1.045232	mg/L	538174.08	2.363	1.892
⌊>	Ge	72		mg/L	227414.54	227414.541	2.680

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:57:09
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-IFA1.087
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.000576	mg/L	2094.93	0.003	1.387
|	Zn	68	0.000635	mg/L	1869.21	0.003	4.191
⌊>	Ge	72		mg/L	244832.57	244832.569	1.423

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:59:17
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-IFB1.088
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.102105	mg/L	83425.89	0.332	0.742
|	Zn	68	0.101803	mg/L	58411.08	0.232	2.021
⌊>	Ge	72		mg/L	247303.09	247303.094	1.347

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:01:24
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.089
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.039426	mg/L	33399.91	0.129	0.684
|	Zn	68	0.040045	mg/L	24022.61	0.092	2.410
⌊>	Ge	72		mg/L	248563.28	248563.281	1.006

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:03:31
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.090
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.000029	mg/L	1478.13	0.001	11.470
|	Zn	68	0.000053	mg/L	1377.12	0.002	18.024
⌊>	Ge	72		mg/L	217892.44	217892.439	2.400

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:05:36
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.091
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.039261	mg/L	32392.28	0.128	0.898
|	Zn	68	0.041029	mg/L	23931.71	0.094	2.171
⌊>	Ge	72		mg/L	242012.21	242012.208	1.486

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:07:41
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.092
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	-0.000352	mg/L	1374.78	0.000	164.995
|	Zn	68	-0.000329	mg/L	1351.78	0.001	13.367
⌊>	Ge	72		mg/L	247643.99	247643.991	0.939

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:09:47
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.093
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 21

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.001433	mg/L	2714.10	0.006	4.613
|	Zn	68	0.001295	mg/L	2185.95	0.005	5.370
⌊>	Ge	72		mg/L	239539.52	239539.518	1.289

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-BS1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:11:54
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-BS1.094
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 22

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.202695	mg/L	169296.05	0.658	2.088
|	Zn	68	0.200696	mg/L	117339.36	0.455	3.752
⌊>	Ge	72		mg/L	255350.69	255350.694	2.045

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0457-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:14:02
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C0457-01RE1.095
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 23

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.004135	mg/L	5005.76	0.015	2.035
|	Zn	68	0.005702	mg/L	4754.96	0.015	3.238
⌊>	Ge	72		mg/L	249241.35	249241.354	1.402

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0823-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:16:09
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C0823-01RE1.096
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 24

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.015279	mg/L	11274.10	0.051	1.978
|	Zn	68	0.012804	mg/L	7048.47	0.031	1.735
⌊>	Ge	72		mg/L	200680.60	200680.600	0.957

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1114-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:18:18
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1114-01RE1.097
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 25

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.024942	mg/L	22949.84	0.082	1.185
|	Zn	68	0.024994	mg/L	16440.69	0.058	2.723
⌊>	Ge	72		mg/L	262392.47	262392.467	2.045

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1117-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:20:25
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1117-01RE1.098
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 26

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.277016	mg/L	249028.76	0.898	4.502
|	Zn	68	0.277496	mg/L	174671.29	0.629	1.287
⌊>	Ge	72		mg/L	275841.02	275841.022	3.869

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-31RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:22:31
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-31RE1.099
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 27

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.001636	mg/L	3393.67	0.007	5.046
|	Zn	68	0.002749	mg/L	3513.05	0.008	4.334
⌊>	Ge	72		mg/L	283149.38	283149.377	1.882

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-31RE2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:24:36
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-31RE2.100
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 28

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.001542	mg/L	2110.27	0.002	2.515
|	Zn	68	0.003771	mg/L	2168.95	0.003	8.417
⌊>	Ge	72		mg/L	274479.16	274479.155	2.047

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-32RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:26:42
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-32RE1.101
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 29

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.340952	mg/L	317000.36	1.105	2.812
|	Zn	68	0.334498	mg/L	217369.39	0.757	3.514
⌊>	Ge	72		mg/L	285450.61	285450.608	1.766

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:28:48
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.102
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 30

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.330984	mg/L	316358.55	1.073	3.274
|	Zn	68	0.319791	mg/L	213787.09	0.724	2.098
⌊>	Ge	72		mg/L	293531.67	293531.673	3.597

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:30:55
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.103
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	-0.000108	mg/L	1674.84	0.001	22.317
|	Zn	68	-0.000211	mg/L	1513.14	0.001	10.685
⌊>	Ge	72		mg/L	264271.62	264271.623	1.490

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:33:00
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.104
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.038475	mg/L	38512.79	0.126	3.105
|	Zn	68	0.040457	mg/L	28631.97	0.093	1.608
⌊>	Ge	72		mg/L	293448.37	293448.374	2.015

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:35:06
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.105
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	-0.000429	mg/L	1564.15	-0.000	67.678
|	Zn	68	-0.000404	mg/L	1559.82	0.001	17.982
⌊>	Ge	72		mg/L	294964.24	294964.236	1.666

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-MS1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:37:11
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-MS1.106
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 31

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.497120	mg/L	496316.29	1.611	5.106
|	Zn	68	0.490629	mg/L	342309.87	1.110	3.221
⌊>	Ge	72		mg/L	307378.42	307378.421	3.616

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-MSD1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:39:17
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.107
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 32

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.519223	mg/L	488148.37	1.683	2.965
|	Zn	68	0.536547	mg/L	352380.50	1.214	3.368
⌊>	Ge	72		mg/L	289225.90	289225.902	1.777

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:41:24
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.108
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	-0.000127	mg/L	1636.16	0.001	6.408
|	Zn	68	-0.000285	mg/L	1447.80	0.001	20.984
⌊>	Ge	72		mg/L	260562.82	260562.816	1.528

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:43:29
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.109
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.040725	mg/L	35412.88	0.133	0.860
|	Zn	68	0.042304	mg/L	26007.44	0.097	2.619
⌊>	Ge	72		mg/L	255525.67	255525.666	1.396

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:45:35
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.110
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	-0.000345	mg/L	1492.14	0.000	108.388
|	Zn	68	-0.000275	mg/L	1494.14	0.001	12.167
⌊>	Ge	72		mg/L	267693.41	267693.408	0.095

Dataset Report

User Name: Elan 9000
Computer Name: D4463YH1
Dataset File Path: C:\Elandata\Dataset\110322B_PBK\
Report Date/Time: Wednesday, March 23, 2011 12:04:54

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	Blank	14:57:53 Tue 22-Mar-11	Blank	C:\Elandata\Dataset\110322B_PBK\Blank.001	
	Standard 1	15:02:58 Tue 22-Mar-11	Standard #1	C:\Elandata\Dataset\110322B_PBK\Standard 1.002	
	Standard 2	15:08:05 Tue 22-Mar-11	Standard #2	C:\Elandata\Dataset\110322B_PBK\Standard 2.003	
	Standard 3	15:13:11 Tue 22-Mar-11	Standard #3	C:\Elandata\Dataset\110322B_PBK\Standard 3.004	
	Standard 4	15:18:19 Tue 22-Mar-11	Standard #4	C:\Elandata\Dataset\110322B_PBK\Standard 4.005	
	Standard 5	15:23:26 Tue 22-Mar-11	Standard #5	C:\Elandata\Dataset\110322B_PBK\Standard 5.006	
	SEQ-ICV1	15:28:32 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV1.007	
	SEQ-ICB1	15:33:36 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICB1.008	
	SEQ-LCV1	15:38:41 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-LCV1.009	
	SEQ-LCV2	15:43:48 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-LCV2.010	
	SEQ-SCV1	15:48:54 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-SCV1.011	
	SEQ-HCV1	15:53:58 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-HCV1.012	
	SEQ-IFA1	15:59:04 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-IFA1.013	
	Standard 1	16:08:07 Tue 22-Mar-11	Standard #1	C:\Elandata\Dataset\110322B_PBK\Standard 1.014	
	Standard 5	16:14:35 Tue 22-Mar-11	Standard #5	C:\Elandata\Dataset\110322B_PBK\Standard 5.015	
	SEQ-IFB1	16:22:20 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-IFB1.016	
	SEQ-ICV2	16:27:26 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.017	
	RINSE	16:32:31 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.018	
	SEQ-CCV1	16:37:35 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.019	
	SEQ-ICV2	16:42:40 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.020	
	SEQ-CCB1	16:47:57 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.021	
	1113050-BLK1	16:53:02 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-BLK1.022	
	1113050-BS1	16:58:08 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-BS1.023	
	11C1243-01	17:03:14 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1243-01.024	
	1113050-DUP1	17:08:21 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-DUP1.025	
	1113050-MS1	17:13:29 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-MS1.026	
	1113050-MSD1	17:18:35 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-MSD1.027	
	11C1244-01	17:23:40 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1244-01.028	
	11C1245-01	17:28:45 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1245-01.029	
	11C1246-01	17:33:49 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1246-01.030	
	11C1345-01	17:38:54 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1345-01.031	
	RINSE	17:43:59 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.032	
	SEQ-CCV2	17:49:03 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.033	
	SEQ-CCB2	17:54:07 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.034	
	1113066-BLK1	17:59:11 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.035	
	1113066-BS1	18:04:16 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BS1.036	
	11C0457-01	18:09:22 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0457-01.037	
	11C0823-01	18:14:27 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0823-01.038	
	11C1114-01	18:19:33 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1114-01.039	
	11C1117-01	18:24:40 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1117-01.040	
	11C1255-31	18:29:47 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31.041	
	11C1255-32	18:34:53 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-32.042	
	1113066-DUP1	18:39:58 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.043	
	1113066-MS1	18:45:03 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MS1.044	

RINSE	18:50:09 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.045
SEQ-CCV3	18:55:13 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.046
SEQ-CCB3	19:00:17 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.047
1113066-MSD1	19:05:22 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.048
11C1271-01	19:10:27 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1271-01.049
11C1271-02	19:15:32 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1271-02.050
11C1271-03	19:20:38 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1271-03.051
RINSE	19:25:44 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.052
SEQ-CCV4	19:30:48 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV4.053
SEQ-CCB4	19:35:52 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB4.054
SEQ-CCV1	09:01:51 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.055
SEQ-CCB1	09:04:44 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.056
1113066-BLK1	09:07:05 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.057
1113066-BS1	09:09:28 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BS1.058
11C0457-01RE1	09:11:50 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0457-01RE1.05
11C0823-01RE1	09:14:13 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0823-01RE1.06
11C1114-01RE1	09:16:37 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1114-01RE1.06
11C1117-01RE1	09:18:59 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1117-01RE1.06
11C1255-31RE1	09:21:20 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31RE1.06
11C1255-31RE2	09:23:42 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31RE2.06
11C1255-32RE1	09:26:03 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-32RE1.06
1113066-DUP1	09:28:24 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.066
RINSE	09:30:46 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.067
SEQ-CCV2	09:33:07 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.068
SEQ-CCB2	09:35:27 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.069
1113066-MS1	09:37:48 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MS1.070
1113066-MSD1	09:40:10 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.071
RINSE	09:42:32 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.072
SEQ-CCV3	09:44:52 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.073
SEQ-CCB3	09:47:13 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.074
Blank	10:29:46 Wed 23-Mar-11	Blank	C:\Elandata\Dataset\110322B_PBK\Blank.075
Standard 1	10:32:07 Wed 23-Mar-11	Standard #1	C:\Elandata\Dataset\110322B_PBK\Standard 1.076
Standard 2	10:34:30 Wed 23-Mar-11	Standard #2	C:\Elandata\Dataset\110322B_PBK\Standard 2.077
Standard 3	10:36:52 Wed 23-Mar-11	Standard #3	C:\Elandata\Dataset\110322B_PBK\Standard 3.078
Standard 4	10:39:15 Wed 23-Mar-11	Standard #4	C:\Elandata\Dataset\110322B_PBK\Standard 4.079
Standard 5	10:41:39 Wed 23-Mar-11	Standard #5	C:\Elandata\Dataset\110322B_PBK\Standard 5.080
SEQ-ICV1	10:44:01 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV1.081
SEQ-ICB1	10:46:22 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICB1.082
SEQ-LCV1	10:48:44 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-LCV1.083
SEQ-LCV2	10:50:51 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-LCV2.084
SEQ-SCV1	10:52:57 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-SCV1.085
SEQ-HCV1	10:55:03 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-HCV1.086
SEQ-IFA1	10:57:09 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-IFA1.087
SEQ-IFB1	10:59:17 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-IFB1.088
SEQ-ICV2	11:01:24 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.089
RINSE	11:03:31 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.090
SEQ-CCV1	11:05:36 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.091
SEQ-CCB1	11:07:41 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.092
1113066-BLK1	11:09:47 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.093
1113066-BS1	11:11:54 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BS1.094
11C0457-01RE1	11:14:02 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0457-01RE1.09
11C0823-01RE1	11:16:09 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0823-01RE1.09
11C1114-01RE1	11:18:18 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1114-01RE1.09
11C1117-01RE1	11:20:25 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1117-01RE1.09
11C1255-31RE1	11:22:31 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31RE1.09
11C1255-31RE2	11:24:36 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31RE2.10

11C1255-32RE1	11:26:42 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-32RE1.10
1113066-DUP1	11:28:48 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.102
RINSE	11:30:55 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.103
SEQ-CCV2	11:33:00 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.104
SEQ-CCB2	11:35:06 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.105
1113066-MS1	11:37:11 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MS1.106
1113066-MSD1	11:39:17 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.107
RINSE	11:41:24 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.108
SEQ-CCV3	11:43:29 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.109
SEQ-CCB3	11:45:35 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.110

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Zn	65.926	Simple Linear	0.003239	0.001	0.999994
Zn	67.925	Simple Linear	0.002259	0.002	0.999996
Ge	71.922	Simple Linear	0.000000	0.000	0.000000

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001852	-0.000	0.999994
B	11.009	Simple Linear	0.001827	-0.001	0.999875
Na	22.990	Simple Linear	0.004805	-0.138	0.999954
Mg	23.985	Simple Linear	0.003113	0.002	0.999927
Al	26.982	Simple Linear	0.004422	0.003	0.999850
Si	27.977	Simple Linear	0.002553	0.009	0.996708
K	38.964	Simple Linear	0.007592	0.130	0.999981
Ca	43.956	Simple Linear	0.000237	-0.016	0.999983
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000607	-0.001	0.999919
V	50.944	Simple Linear	0.008180	0.004	0.999946
Cr	51.941	Simple Linear	0.006902	-0.001	0.999956
Mn	54.938	Simple Linear	0.010734	-0.000	0.999997
Fe	56.935	Simple Linear	0.000262	-0.000	0.995353
Ni	57.935	Simple Linear	0.010132	-0.000	0.999987
Co	58.933	Simple Linear	0.018574	-0.002	0.999984
Ni	59.933	Simple Linear	0.004166	0.001	0.999948
Ni	61.928	Simple Linear	0.000618	-0.000	0.999994
Cu	62.930	Simple Linear	0.010460	0.010	0.999095
Cu	64.928	Simple Linear	0.005000	0.005	0.999131
Zn	65.926	Simple Linear	0.003524	0.009	0.999631
Zn	67.925	Simple Linear	0.002530	0.005	0.999688
Ga	68.926	Simple Linear	0.016921	-0.005	0.999994
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.003737	0.000	0.999998
Se	76.920	Simple Linear	0.000155	-0.001	0.935608
Se	81.917	Simple Linear	0.000067	-0.000	0.999897
Sr	87.906	Simple Linear	0.008231	0.000	0.999994
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001405	-0.000	0.999929
Mo	97.906	Simple Linear	0.002305	0.000	0.999930
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.004007	0.000	0.999993
Ag	108.905	Simple Linear	0.003797	0.000	0.999987
Cd	110.904	Simple Linear	0.001010	-0.000	0.999993
Cd	113.904	Simple Linear	0.002439	-0.000	0.999994
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002379	0.000	0.999996
Sn	119.902	Simple Linear	0.003238	0.001	0.999996
Sb	120.904	Simple Linear	0.003099	0.003	0.999838
Sb	122.904	Simple Linear	0.002426	0.002	0.999835
Ba	134.906	Simple Linear	0.000672	-0.000	0.999981
Ba	136.905	Simple Linear	0.001138	-0.000	0.999994
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000001	-0.000	0.940229
Tl	202.972	Simple Linear	0.002552	-0.000	0.999991
Tl	204.975	Simple Linear	0.005917	-0.001	0.999993
Pb	207.977	Simple Linear	0.008257	0.001	0.999996
Bi	208.980	Simple Linear	0.006992	-0.000	0.999996
Th	232.038	Simple Linear	0.008068	-0.007	0.999933
U	238.050	Simple Linear	0.008026	0.000	0.999999

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C2307 **Matrix:** Water **Department:** Metals **Instrument:** PE ELAN 9000

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:01:51
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.055
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	354497.96	354497.956	1.670
⎢	V	51	0.043289	mg/L	106287.07	0.358	3.256
⎣	Mn	55	0.042250	mg/L	161652.92	0.453	3.428
⎡	Zn	66	0.033193	mg/L	22800.79	0.126	4.148
⎢	Zn	68	0.032046	mg/L	16214.62	0.087	1.861
⎣>	Ge	72		mg/L	172771.18	172771.176	3.323

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:04:44
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.056
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	341429.63	341429.629	1.731
	V	51	-0.000650	mg/L	-20368.19	-0.001	456.082
	Mn	55	-0.000020	mg/L	833.05	-0.001	18.151
	Zn	66	-0.002460	mg/L	1045.07	0.001	18.580
	Zn	68	-0.002823	mg/L	918.06	-0.002	17.008
>	Ge	72		mg/L	162322.76	162322.758	1.170

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:07:05
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.057
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 21

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	317288.77	317288.769	1.362
	V	51	0.000886	mg/L	-14928.22	0.011	44.518
	Mn	55	0.000008	mg/L	869.05	-0.000	41.057
	Zn	66	-0.000839	mg/L	1776.19	0.006	4.422
	Zn	68	-0.001031	mg/L	1489.47	0.003	7.375
>	Ge	72		mg/L	146174.97	146174.973	0.697

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-BS1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:09:28
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-BS1.058
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 22

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈>	Sc	45		mg/L	346211.60	346211.599	1.219
|	V	51	0.212468	mg/L	582858.69	1.742	2.283
⌊	Mn	55	0.208113	mg/L	774246.70	2.233	0.942
⌈	Zn	66	0.183578	mg/L	108338.90	0.656	2.732
|	Zn	68	0.180204	mg/L	76704.01	0.461	1.516
⌊>	Ge	72		mg/L	163673.37	163673.375	1.337

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0457-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:11:50
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C0457-01RE1.059
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 23

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	344673.38	344673.382	1.181
	V	51	-0.005610	mg/L	-34511.46	-0.042	23.584
	Mn	55	0.002232	mg/L	9171.38	0.023	1.612
	Zn	66	0.001659	mg/L	3460.03	0.015	0.899
	Zn	68	0.003121	mg/L	3417.68	0.013	1.668
>	Ge	72		mg/L	165145.73	165145.728	1.568

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0823-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:14:13
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C0823-01RE1.060
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 24

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	344065.22	344065.223	2.291
⎢	V	51	-0.008911	mg/L	-43733.97	-0.069	12.146
⎣	Mn	55	0.641846	mg/L	2372309.02	6.889	2.875
⎡	Zn	66	0.012632	mg/L	9358.58	0.054	4.417
⎢	Zn	68	0.009149	mg/L	5642.48	0.029	3.816
⎣>	Ge	72		mg/L	157035.36	157035.357	3.547

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1114-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:16:37
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1114-01RE1.061
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 25

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	401249.82	401249.824	2.582
	V	51	-0.012144	mg/L	-61643.70	-0.095	6.966
	Mn	55	0.000759	mg/L	4332.41	0.008	1.121
	Zn	66	0.019982	mg/L	16154.17	0.080	3.745
	Zn	68	0.019398	mg/L	11687.96	0.055	2.320
>	Ge	72		mg/L	188940.42	188940.423	1.612

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1117-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:18:59
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1117-01RE1.062
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 26

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	389248.90	389248.900	4.403
⎢	V	51	-0.003629	mg/L	-32675.56	-0.025	9.303
⎣	Mn	55	2.332707	mg/L	9735860.49	25.038	4.015
⎡	Zn	66	0.262754	mg/L	173918.90	0.935	5.677
⎢	Zn	68	0.251924	mg/L	120205.86	0.643	4.213
⎣>	Ge	72		mg/L	185112.39	185112.394	4.583

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-31RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:21:20
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-31RE1.063
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 27

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	432763.00	432763.001	2.155
	V	51	-0.004999	mg/L	-41165.87	-0.037	29.909
	Mn	55	3.013294	mg/L	13993521.09	32.344	3.729
	Zn	66	-0.000537	mg/L	2790.12	0.007	6.167
	Zn	68	0.000310	mg/L	2867.48	0.006	8.925
>	Ge	72		mg/L	211291.02	211291.019	2.964

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-31RE2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:23:42
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-31RE2.064
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 28

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	436446.11	436446.109	3.059
	V	51	-0.011851	mg/L	-32162.35	-0.015	6.695
	Mn	55	3.216137	mg/L	3011864.83	6.904	4.430
	Zn	66	-0.010644	mg/L	1706.18	0.002	15.168
	Zn	68	-0.008337	mg/L	1924.22	0.001	32.666
>	Ge	72		mg/L	224472.10	224472.097	2.756

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-32RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:26:03
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-32RE1.065
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 29

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	472182.32	472182.317	0.833
	V	51	-0.003744	mg/L	-40101.94	-0.026	14.792
	Mn	55	0.535543	mg/L	2715602.06	5.748	0.549
	Zn	66	0.314521	mg/L	263462.11	1.118	5.055
	Zn	68	0.302927	mg/L	182745.46	0.772	2.063
>	Ge	72		mg/L	234568.53	234568.532	1.005

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:28:24
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.066
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 30

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	508507.77	508507.771	3.244
⎢	V	51	-0.004447	mg/L	-46054.78	-0.032	26.490
⎣	Mn	55	0.544842	mg/L	2973799.87	5.848	2.233
⎡	Zn	66	0.300563	mg/L	278519.19	1.068	2.834
⎢	Zn	68	0.286405	mg/L	191161.61	0.730	2.241
⎣>	Ge	72		mg/L	259260.49	259260.494	0.366

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:30:46
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.067
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	439233.93	439233.932	1.220
	V	51	0.001125	mg/L	-19810.86	0.013	46.554
	Mn	55	0.000209	mg/L	2148.61	0.002	5.468
	Zn	66	-0.002326	mg/L	1551.15	0.001	27.573
	Zn	68	-0.002602	mg/L	1395.45	-0.001	17.671
>	Ge	72		mg/L	224480.79	224480.792	0.975

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:33:07
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.068
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	413739.20	413739.204	1.716
⎢	V	51	0.039327	mg/L	110640.38	0.326	2.171
⎣	Mn	55	0.043819	mg/L	195628.76	0.470	3.154
⎡	Zn	66	0.032981	mg/L	28371.16	0.125	2.773
⎢	Zn	68	0.032751	mg/L	20664.33	0.088	2.398
⎣>	Ge	72		mg/L	216080.87	216080.865	1.834

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:35:27
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.069
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	415989.57	415989.567	2.413
	V	51	-0.004957	mg/L	-39460.28	-0.036	4.955
	Mn	55	0.000037	mg/L	1266.10	-0.000	140.526
	Zn	66	-0.002658	mg/L	1228.76	-0.000	104.582
	Zn	68	-0.002612	mg/L	1323.78	-0.001	27.742
>	Ge	72		mg/L	213963.47	213963.469	2.109

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-MS1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:37:48
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-MS1.070
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 31

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	465340.21	465340.206	1.547
	V	51	0.208444	mg/L	768057.08	1.709	1.140
	Mn	55	0.745427	mg/L	3725362.51	8.001	2.177
	Zn	66	0.475650	mg/L	397298.05	1.685	1.903
	Zn	68	0.460525	mg/L	276701.74	1.171	0.835
>	Ge	72		mg/L	234933.66	234933.659	1.440

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-MSD1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:40:10
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.071
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 32

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	465741.35	465741.348	2.164
⎢	V	51	0.205196	mg/L	755960.40	1.683	5.713
⎣	Mn	55	0.768017	mg/L	3838105.99	8.243	4.756
⎡	Zn	66	0.485898	mg/L	413063.66	1.722	3.724
⎢	Zn	68	0.466727	mg/L	285433.70	1.186	1.281
⎣>	Ge	72		mg/L	239149.64	239149.643	0.987

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:42:32
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.072
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈>	Sc	45		mg/L	458620.45	458620.449	0.645
|	V	51	0.002345	mg/L	-16113.99	0.023	19.536
⌊	Mn	55	0.000108	mg/L	1745.52	0.001	26.594
⌈	Zn	66	-0.002385	mg/L	1573.15	0.001	20.220
|	Zn	68	-0.002645	mg/L	1432.46	-0.001	5.879
⌊>	Ge	72		mg/L	234643.45	234643.449	1.681

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:44:52
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.073
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	463748.89	463748.894	1.555
⎢	V	51	0.038902	mg/L	122391.92	0.322	0.704
⎣	Mn	55	0.044229	mg/L	221299.35	0.474	4.219
⎡	Zn	66	0.032514	mg/L	30996.09	0.124	1.409
⎢	Zn	68	0.033007	mg/L	23015.34	0.089	1.660
⎣>	Ge	72		mg/L	238973.23	238973.225	1.815

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 09:47:13
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.074
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	445309.40	445309.399	1.173
⎢	V	51	-0.004573	mg/L	-40840.97	-0.033	11.498
⎣	Mn	55	0.000038	mg/L	1359.78	-0.000	13.184
⎡	Zn	66	-0.002651	mg/L	1326.11	-0.000	157.576
⎢	Zn	68	-0.002681	mg/L	1383.45	-0.001	8.789
⎣>	Ge	72		mg/L	230011.11	230011.111	0.639

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:29:46
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Blank.075
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	458173.55		
	V	51		mg/L	-23621.63		
	Mn	55		mg/L	1071.41		
	Zn	66		mg/L	1301.44		
	Zn	68		mg/L	1068.74		
>	Ge	72		mg/L	239647.38		

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:32:07
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 1.076
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	464452.74	464452.736	1.651
⎢	V	51		mg/L	-30915.16	-0.015	25.154
⎣	Mn	55		mg/L	1285.44	0.000	8.453
⎡	Zn	66		mg/L	1970.23	0.003	11.196
⎢	Zn	68		mg/L	1709.51	0.003	11.309
⎣>	Ge	72		mg/L	235884.94	235884.939	1.615

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:34:30
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 2.077
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	441393.39	441393.387	2.877
	V	51	0.001000	mg/L	-35746.03	-0.029	26.643
	Mn	55	0.001000	mg/L	1334.44	0.001	22.449
	Zn	66	0.001000	mg/L	2446.02	0.005	5.620
	Zn	68	0.001000	mg/L	2030.25	0.004	3.551
>	Ge	72		mg/L	229248.41	229248.409	2.634

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:36:52
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 3.078
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	451243.83	451243.827	0.835
	V	51	0.004762	mg/L	-38862.58	-0.035	14.971
	Mn	55	0.004259	mg/L	1334.78	0.001	4.949
	Zn	66	0.004985	mg/L	5178.53	0.017	2.857
	Zn	68	0.004985	mg/L	3927.89	0.013	5.524
>	Ge	72		mg/L	229856.99	229856.986	0.774

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:39:15
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 4.079
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⎡>	Sc	45		mg/L	454651.18	454651.179	2.336
⎢	V	51	0.009120	mg/L	-41490.00	-0.040	17.580
⎣	Mn	55	0.007863	mg/L	1344.45	0.001	12.521
⎡	Zn	66	0.010031	mg/L	8918.13	0.033	1.725
⎢	Zn	68	0.010074	mg/L	6670.18	0.024	5.021
⎣>	Ge	72		mg/L	231191.75	231191.751	2.641

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:41:39
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\Standard 5.080
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	449467.13	449467.134	2.692
	V	51	0.090888	mg/L	-41276.17	-0.040	13.539
	Mn	55	0.100386	mg/L	2298.65	0.003	8.320
	Zn	66	0.100018	mg/L	76284.85	0.325	3.583
	Zn	68	0.100004	mg/L	53550.46	0.228	3.765
>	Ge	72		mg/L	230926.30	230926.298	3.634

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:44:01
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-ICV1.081
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	443902.04	443902.045	1.204
	V	51	-2.734790	mg/L	117380.05	0.316	1.741
	Mn	55	21.286722	mg/L	216062.58	0.484	2.583
	Zn	66	0.037999	mg/L	30797.73	0.124	1.003
	Zn	68	0.039388	mg/L	22586.92	0.091	1.775
>	Ge	72		mg/L	237340.79	237340.792	0.965

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:46:22
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_znmnv_5std.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-ICB1.082
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Sc	45		mg/L	452559.33	452559.332	2.571
	V	51	0.019837	mg/L	-37548.16	-0.031	34.111
	Mn	55	0.007169	mg/L	1356.78	0.001	6.983
	Zn	66	-0.000338	mg/L	1340.45	0.000	102.020
	Zn	68	-0.000029	mg/L	1469.80	0.002	2.057
>	Ge	72		mg/L	239513.63	239513.629	0.755

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:48:44
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-LCV1.083
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.001188	mg/L	2508.04	0.005	8.926
|	Zn	68	0.001351	mg/L	2202.62	0.005	4.955
⌊>	Ge	72		mg/L	238150.27	238150.265	2.472

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:50:51
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-LCV2.084
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.004725	mg/L	5169.52	0.017	2.512
|	Zn	68	0.004973	mg/L	4099.30	0.013	2.943
⌊>	Ge	72		mg/L	235068.34	235068.344	1.857

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:52:57
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-SCV1.085
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.517606	mg/L	385099.95	1.678	2.025
|	Zn	68	0.531562	mg/L	276054.28	1.202	2.113
⌊>	Ge	72		mg/L	228796.81	228796.813	2.542

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:55:03
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-HCV1.086
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	1.003581	mg/L	740306.86	3.251	3.058
|	Zn	68	1.045232	mg/L	538174.08	2.363	1.892
⌊>	Ge	72		mg/L	227414.54	227414.541	2.680

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:57:09
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-IFA1.087
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.000576	mg/L	2094.93	0.003	1.387
|	Zn	68	0.000635	mg/L	1869.21	0.003	4.191
⌊>	Ge	72		mg/L	244832.57	244832.569	1.423

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 10:59:17
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-IFB1.088
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.102105	mg/L	83425.89	0.332	0.742
|	Zn	68	0.101803	mg/L	58411.08	0.232	2.021
⌊>	Ge	72		mg/L	247303.09	247303.094	1.347

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:01:24
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.089
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.039426	mg/L	33399.91	0.129	0.684
|	Zn	68	0.040045	mg/L	24022.61	0.092	2.410
⌊>	Ge	72		mg/L	248563.28	248563.281	1.006

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:03:31
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.090
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.000029	mg/L	1478.13	0.001	11.470
|	Zn	68	0.000053	mg/L	1377.12	0.002	18.024
⌊>	Ge	72		mg/L	217892.44	217892.439	2.400

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:05:36
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.091
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.039261	mg/L	32392.28	0.128	0.898
|	Zn	68	0.041029	mg/L	23931.71	0.094	2.171
⌊>	Ge	72		mg/L	242012.21	242012.208	1.486

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:07:41
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.092
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	-0.000352	mg/L	1374.78	0.000	164.995
|	Zn	68	-0.000329	mg/L	1351.78	0.001	13.367
⌊>	Ge	72		mg/L	247643.99	247643.991	0.939

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:09:47
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.093
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 21

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.001433	mg/L	2714.10	0.006	4.613
|	Zn	68	0.001295	mg/L	2185.95	0.005	5.370
⌊>	Ge	72		mg/L	239539.52	239539.518	1.289

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-BS1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:11:54
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-BS1.094
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 22

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.202695	mg/L	169296.05	0.658	2.088
|	Zn	68	0.200696	mg/L	117339.36	0.455	3.752
⌊>	Ge	72		mg/L	255350.69	255350.694	2.045

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0457-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:14:02
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C0457-01RE1.095
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 23

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.004135	mg/L	5005.76	0.015	2.035
|	Zn	68	0.005702	mg/L	4754.96	0.015	3.238
⌊>	Ge	72		mg/L	249241.35	249241.354	1.402

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C0823-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:16:09
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C0823-01RE1.096
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 24

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.015279	mg/L	11274.10	0.051	1.978
|	Zn	68	0.012804	mg/L	7048.47	0.031	1.735
⌊>	Ge	72		mg/L	200680.60	200680.600	0.957

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1114-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:18:18
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1114-01RE1.097
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 25

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.024942	mg/L	22949.84	0.082	1.185
|	Zn	68	0.024994	mg/L	16440.69	0.058	2.723
⌊>	Ge	72		mg/L	262392.47	262392.467	2.045

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1117-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:20:25
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1117-01RE1.098
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 26

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.277016	mg/L	249028.76	0.898	4.502
|	Zn	68	0.277496	mg/L	174671.29	0.629	1.287
⌊>	Ge	72		mg/L	275841.02	275841.022	3.869

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-31RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:22:31
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-31RE1.099
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 27

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.001636	mg/L	3393.67	0.007	5.046
|	Zn	68	0.002749	mg/L	3513.05	0.008	4.334
⌊>	Ge	72		mg/L	283149.38	283149.377	1.882

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-31RE2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:24:36
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-31RE2.100
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 28

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.001542	mg/L	2110.27	0.002	2.515
|	Zn	68	0.003771	mg/L	2168.95	0.003	8.417
⌊>	Ge	72		mg/L	274479.16	274479.155	2.047

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-32RE1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:26:42
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\11C1255-32RE1.101
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 29

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.340952	mg/L	317000.36	1.105	2.812
|	Zn	68	0.334498	mg/L	217369.39	0.757	3.514
⌊>	Ge	72		mg/L	285450.61	285450.608	1.766

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:28:48
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.102
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 30

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.330984	mg/L	316358.55	1.073	3.274
|	Zn	68	0.319791	mg/L	213787.09	0.724	2.098
⌊>	Ge	72		mg/L	293531.67	293531.673	3.597

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:30:55
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.103
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	-0.000108	mg/L	1674.84	0.001	22.317
|	Zn	68	-0.000211	mg/L	1513.14	0.001	10.685
⌊>	Ge	72		mg/L	264271.62	264271.623	1.490

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:33:00
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.104
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.038475	mg/L	38512.79	0.126	3.105
|	Zn	68	0.040457	mg/L	28631.97	0.093	1.608
⌊>	Ge	72		mg/L	293448.37	293448.374	2.015

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:35:06
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.105
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	-0.000429	mg/L	1564.15	-0.000	67.678
|	Zn	68	-0.000404	mg/L	1559.82	0.001	17.982
⌊>	Ge	72		mg/L	294964.24	294964.236	1.666

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-MS1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:37:11
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-MS1.106
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 31

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.497120	mg/L	496316.29	1.611	5.106
|	Zn	68	0.490629	mg/L	342309.87	1.110	3.221
⌊>	Ge	72		mg/L	307378.42	307378.421	3.616

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113066-MSD1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:39:17
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.107
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 32

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.519223	mg/L	488148.37	1.683	2.965
|	Zn	68	0.536547	mg/L	352380.50	1.214	3.368
⌊>	Ge	72		mg/L	289225.90	289225.902	1.777

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:41:24
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\RINSE.108
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	-0.000127	mg/L	1636.16	0.001	6.408
|	Zn	68	-0.000285	mg/L	1447.80	0.001	20.984
⌊>	Ge	72		mg/L	260562.82	260562.816	1.528

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:43:29
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.109
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	0.040725	mg/L	35412.88	0.133	0.860
|	Zn	68	0.042304	mg/L	26007.44	0.097	2.619
⌊>	Ge	72		mg/L	255525.67	255525.666	1.396

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 23, 2011 11:45:35
Sample File: C:\Elandata\Sample\110323A.sam
Method File: C:\Elandata\Method_dept40_zn.mth
Dataset File: C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.110
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
⌈	Zn	66	-0.000345	mg/L	1492.14	0.000	108.388
|	Zn	68	-0.000275	mg/L	1494.14	0.001	12.167
⌊>	Ge	72		mg/L	267693.41	267693.408	0.095

Dataset Report

User Name: Elan 9000
Computer Name: D4463YH1
Dataset File Path: C:\Elandata\Dataset\110322B_PBK\
Report Date/Time: Wednesday, March 23, 2011 12:04:54

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	Blank	14:57:53 Tue 22-Mar-11	Blank	C:\Elandata\Dataset\110322B_PBK\Blank.001	
	Standard 1	15:02:58 Tue 22-Mar-11	Standard #1	C:\Elandata\Dataset\110322B_PBK\Standard 1.002	
	Standard 2	15:08:05 Tue 22-Mar-11	Standard #2	C:\Elandata\Dataset\110322B_PBK\Standard 2.003	
	Standard 3	15:13:11 Tue 22-Mar-11	Standard #3	C:\Elandata\Dataset\110322B_PBK\Standard 3.004	
	Standard 4	15:18:19 Tue 22-Mar-11	Standard #4	C:\Elandata\Dataset\110322B_PBK\Standard 4.005	
	Standard 5	15:23:26 Tue 22-Mar-11	Standard #5	C:\Elandata\Dataset\110322B_PBK\Standard 5.006	
	SEQ-ICV1	15:28:32 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV1.007	
	SEQ-ICB1	15:33:36 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICB1.008	
	SEQ-LCV1	15:38:41 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-LCV1.009	
	SEQ-LCV2	15:43:48 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-LCV2.010	
	SEQ-SCV1	15:48:54 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-SCV1.011	
	SEQ-HCV1	15:53:58 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-HCV1.012	
	SEQ-IFA1	15:59:04 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-IFA1.013	
	Standard 1	16:08:07 Tue 22-Mar-11	Standard #1	C:\Elandata\Dataset\110322B_PBK\Standard 1.014	
	Standard 5	16:14:35 Tue 22-Mar-11	Standard #5	C:\Elandata\Dataset\110322B_PBK\Standard 5.015	
	SEQ-IFB1	16:22:20 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-IFB1.016	
	SEQ-ICV2	16:27:26 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.017	
	RINSE	16:32:31 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.018	
	SEQ-CCV1	16:37:35 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.019	
	SEQ-ICV2	16:42:40 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.020	
	SEQ-CCB1	16:47:57 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.021	
	1113050-BLK1	16:53:02 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-BLK1.022	
	1113050-BS1	16:58:08 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-BS1.023	
	11C1243-01	17:03:14 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1243-01.024	
	1113050-DUP1	17:08:21 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-DUP1.025	
	1113050-MS1	17:13:29 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-MS1.026	
	1113050-MSD1	17:18:35 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113050-MSD1.027	
	11C1244-01	17:23:40 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1244-01.028	
	11C1245-01	17:28:45 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1245-01.029	
	11C1246-01	17:33:49 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1246-01.030	
	11C1345-01	17:38:54 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1345-01.031	
	RINSE	17:43:59 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.032	
	SEQ-CCV2	17:49:03 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.033	
	SEQ-CCB2	17:54:07 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.034	
	1113066-BLK1	17:59:11 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.035	
	1113066-BS1	18:04:16 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BS1.036	
	11C0457-01	18:09:22 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0457-01.037	
	11C0823-01	18:14:27 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0823-01.038	
	11C1114-01	18:19:33 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1114-01.039	
	11C1117-01	18:24:40 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1117-01.040	
	11C1255-31	18:29:47 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31.041	
	11C1255-32	18:34:53 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-32.042	
	1113066-DUP1	18:39:58 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.043	
	1113066-MS1	18:45:03 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MS1.044	

RINSE	18:50:09 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.045
SEQ-CCV3	18:55:13 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.046
SEQ-CCB3	19:00:17 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.047
1113066-MSD1	19:05:22 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.048
11C1271-01	19:10:27 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1271-01.049
11C1271-02	19:15:32 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1271-02.050
11C1271-03	19:20:38 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1271-03.051
RINSE	19:25:44 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.052
SEQ-CCV4	19:30:48 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV4.053
SEQ-CCB4	19:35:52 Tue 22-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB4.054
SEQ-CCV1	09:01:51 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.055
SEQ-CCB1	09:04:44 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.056
1113066-BLK1	09:07:05 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.057
1113066-BS1	09:09:28 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BS1.058
11C0457-01RE1	09:11:50 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0457-01RE1.05
11C0823-01RE1	09:14:13 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0823-01RE1.06
11C1114-01RE1	09:16:37 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1114-01RE1.06
11C1117-01RE1	09:18:59 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1117-01RE1.06
11C1255-31RE1	09:21:20 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31RE1.06
11C1255-31RE2	09:23:42 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31RE2.06
11C1255-32RE1	09:26:03 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-32RE1.06
1113066-DUP1	09:28:24 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.066
RINSE	09:30:46 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.067
SEQ-CCV2	09:33:07 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.068
SEQ-CCB2	09:35:27 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.069
1113066-MS1	09:37:48 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MS1.070
1113066-MSD1	09:40:10 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.071
RINSE	09:42:32 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.072
SEQ-CCV3	09:44:52 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.073
SEQ-CCB3	09:47:13 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.074
Blank	10:29:46 Wed 23-Mar-11	Blank	C:\Elandata\Dataset\110322B_PBK\Blank.075
Standard 1	10:32:07 Wed 23-Mar-11	Standard #1	C:\Elandata\Dataset\110322B_PBK\Standard 1.076
Standard 2	10:34:30 Wed 23-Mar-11	Standard #2	C:\Elandata\Dataset\110322B_PBK\Standard 2.077
Standard 3	10:36:52 Wed 23-Mar-11	Standard #3	C:\Elandata\Dataset\110322B_PBK\Standard 3.078
Standard 4	10:39:15 Wed 23-Mar-11	Standard #4	C:\Elandata\Dataset\110322B_PBK\Standard 4.079
Standard 5	10:41:39 Wed 23-Mar-11	Standard #5	C:\Elandata\Dataset\110322B_PBK\Standard 5.080
SEQ-ICV1	10:44:01 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV1.081
SEQ-ICB1	10:46:22 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICB1.082
SEQ-LCV1	10:48:44 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-LCV1.083
SEQ-LCV2	10:50:51 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-LCV2.084
SEQ-SCV1	10:52:57 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-SCV1.085
SEQ-HCV1	10:55:03 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-HCV1.086
SEQ-IFA1	10:57:09 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-IFA1.087
SEQ-IFB1	10:59:17 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-IFB1.088
SEQ-ICV2	11:01:24 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-ICV2.089
RINSE	11:03:31 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.090
SEQ-CCV1	11:05:36 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV1.091
SEQ-CCB1	11:07:41 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB1.092
1113066-BLK1	11:09:47 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BLK1.093
1113066-BS1	11:11:54 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-BS1.094
11C0457-01RE1	11:14:02 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0457-01RE1.09
11C0823-01RE1	11:16:09 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C0823-01RE1.09
11C1114-01RE1	11:18:18 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1114-01RE1.09
11C1117-01RE1	11:20:25 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1117-01RE1.09
11C1255-31RE1	11:22:31 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31RE1.09
11C1255-31RE2	11:24:36 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-31RE2.10

11C1255-32RE1	11:26:42 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\11C1255-32RE1.10
1113066-DUP1	11:28:48 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-DUP1.102
RINSE	11:30:55 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.103
SEQ-CCV2	11:33:00 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV2.104
SEQ-CCB2	11:35:06 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB2.105
1113066-MS1	11:37:11 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MS1.106
1113066-MSD1	11:39:17 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\1113066-MSD1.107
RINSE	11:41:24 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\RINSE.108
SEQ-CCV3	11:43:29 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCV3.109
SEQ-CCB3	11:45:35 Wed 23-Mar-11	Sample	C:\Elandata\Dataset\110322B_PBK\SEQ-CCB3.110

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Zn	65.926	Simple Linear	0.003239	0.001	0.999994
Zn	67.925	Simple Linear	0.002259	0.002	0.999996
Ge	71.922	Simple Linear	0.000000	0.000	0.000000

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001852	-0.000	0.999994
B	11.009	Simple Linear	0.001827	-0.001	0.999875
Na	22.990	Simple Linear	0.004805	-0.138	0.999954
Mg	23.985	Simple Linear	0.003113	0.002	0.999927
Al	26.982	Simple Linear	0.004422	0.003	0.999850
Si	27.977	Simple Linear	0.002553	0.009	0.996708
K	38.964	Simple Linear	0.007592	0.130	0.999981
Ca	43.956	Simple Linear	0.000237	-0.016	0.999983
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000607	-0.001	0.999919
V	50.944	Simple Linear	0.008180	0.004	0.999946
Cr	51.941	Simple Linear	0.006902	-0.001	0.999956
Mn	54.938	Simple Linear	0.010734	-0.000	0.999997
Fe	56.935	Simple Linear	0.000262	-0.000	0.995353
Ni	57.935	Simple Linear	0.010132	-0.000	0.999987
Co	58.933	Simple Linear	0.018574	-0.002	0.999984
Ni	59.933	Simple Linear	0.004166	0.001	0.999948
Ni	61.928	Simple Linear	0.000618	-0.000	0.999994
Cu	62.930	Simple Linear	0.010460	0.010	0.999095
Cu	64.928	Simple Linear	0.005000	0.005	0.999131
Zn	65.926	Simple Linear	0.003524	0.009	0.999631
Zn	67.925	Simple Linear	0.002530	0.005	0.999688
Ga	68.926	Simple Linear	0.016921	-0.005	0.999994
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.003737	0.000	0.999998
Se	76.920	Simple Linear	0.000155	-0.001	0.935608
Se	81.917	Simple Linear	0.000067	-0.000	0.999897
Sr	87.906	Simple Linear	0.008231	0.000	0.999994
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001405	-0.000	0.999929
Mo	97.906	Simple Linear	0.002305	0.000	0.999930
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.004007	0.000	0.999993
Ag	108.905	Simple Linear	0.003797	0.000	0.999987
Cd	110.904	Simple Linear	0.001010	-0.000	0.999993
Cd	113.904	Simple Linear	0.002439	-0.000	0.999994
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002379	0.000	0.999996
Sn	119.902	Simple Linear	0.003238	0.001	0.999996
Sb	120.904	Simple Linear	0.003099	0.003	0.999838
Sb	122.904	Simple Linear	0.002426	0.002	0.999835
Ba	134.906	Simple Linear	0.000672	-0.000	0.999981
Ba	136.905	Simple Linear	0.001138	-0.000	0.999994
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000001	-0.000	0.940229
Tl	202.972	Simple Linear	0.002552	-0.000	0.999991
Tl	204.975	Simple Linear	0.005917	-0.001	0.999993
Pb	207.977	Simple Linear	0.008257	0.001	0.999996
Bi	208.980	Simple Linear	0.006992	-0.000	0.999996
Th	232.038	Simple Linear	0.008068	-0.007	0.999933
U	238.050	Simple Linear	0.008026	0.000	0.999999

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C2402 **Matrix:** Water **Department:** Metals **Instrument:** Hg

Sample Information File C:\AAUSER\SAMPINFO\110323A.SIF

Description : Hg Aqueous
Batch ID :
Volume Units :
Weight Units :
Analyst : APS
Sample Volume : 0.00

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	RINSE				
1	CALIBRATION BLANK				
2	STD 0.2 PPB				
3	STD 1.0 PPB				
4	STD 2.0 PPB				
5	STD 5.0 PPB				
6	STD 10.0 PPB				
7	ICV				
8	CCV				
9	1113104-BLK1			1.0000	
10	1113104-BS1				
11	11C1114-01				
12	11C1117-01				
13	11C1243-01				
14	11C1244-01				
15	11C1245-01				
16	1113104-MSD1				
17	1113104-MS1				
18	1113104-MSD1				
19	11C1246-01				
20	11C1255-31				
21	11C1255-32				
22	11C1335-01				
23	11C1345-01				
24	1113105-BLK1				
25	1113105-BLK2				
26	1113105-BS1				
27	11C0409-01				
28	11C0946-01				
29	1113105-DUP1				
30	1113105-MS1				
31	1113105-MSD1				
32	11C1407-01				
33	11C1408-01				

==========

Method Name: Hg_dept40
Method Description: Hg_dept40
Element: Hg

Date: 03/23/2011
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: 110323A.SIF Results Data Set Name: 110323A

==========

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 03/23/2011
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0001	0.0002	0.0001	03:51:28	No
2			0.0000	0.0001	0.0000	03:51:58	No
3			0.0001	0.0003	0.0001	03:52:27	No
Mean:			0.0001				
SD :			0.0000				
%RSD:			12.1638				

Auto-zero performed.

==========

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 03/23/2011
Sample ID: 0.2 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0024	0.0115	0.0025	03:53:38	No
2			0.0024	0.0107	0.0024	03:54:07	No
3			0.0024	0.0108	0.0024	03:54:36	No
Mean:			0.0024				
SD :			0.0000				
%RSD:			1.0349				

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.01190
Intercept : 0.00000

==========

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 03/23/2011
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0129	0.0578	0.0129	03:55:49	No
2			0.0129	0.0577	0.0129	03:56:18	No
3			0.0128	0.0574	0.0129	03:56:47	No
Mean:			0.0129				
SD :			0.0000				
%RSD:			0.1455				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99988 Slope: 0.01292
Intercept : -0.00009

==========

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 03/23/2011
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0244	0.1098	0.0244	03:58:01	No
2			0.0244	0.1102	0.0245	03:58:30	No

```
 3                          0.0245   0.1106   0.0246   03:58:59  No
Mean:                       0.0244
SD  :                       0.0001
%RSD:                       0.2680
[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient:  0.99959                Slope: 0.01229
Intercept : 0.00009

================================================================================
Element: Hg    Seq. No.: 5        AS Loc.: 5   Date: 03/23/2011
Sample ID: 5.0 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                          0.0597   0.2675   0.0597   04:00:14  No
 2                          0.0586   0.2605   0.0587   04:00:43  No
 3                          0.0582   0.2592   0.0583   04:01:12  No
Mean:                       0.0589
SD  :                       0.0007
%RSD:                       1.2667
[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient:  0.99975                Slope: 0.01175
Intercept : 0.00044

================================================================================
Element: Hg    Seq. No.: 6        AS Loc.: 6   Date: 03/23/2011
Sample ID: 10.0 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                          0.1133   0.5068   0.1133   04:02:27  No
 2                          0.1117   0.5005   0.1117   04:02:56  No
 3                          0.1129   0.5022   0.1129   04:03:25  No
Mean:                       0.1126
SD  :                       0.0008
%RSD:                       0.7340
[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient:  0.99966                Slope: 0.01125
Intercept : 0.00106
--------------------------------------------------------------------------------

Calibration data for Hg
                                    Entered      Calculated
                    Mean Signal  Concentration Concentration  Standard
    Standard ID     (Pk Height)      (µg/L)        (µg/L)    Deviation    %RSD
    Calib Blank       0.0001          ---           ----        ----      ----
      0.2 PPB         0.0024         0.200         0.118      0.0000      1.0
      1.0 PPB         0.0129         1.000         1.048      0.0000      0.1
      2.0 PPB         0.0244         2.000         2.078      0.0001      0.3
      5.0 PPB         0.0589         5.000         5.137      0.0007      1.3
      10.0 PPB        0.1126        10.000         9.913      0.0008      0.7
     Correlation Coefficient: 0.99966   Slope:    0.01125   Intercept: 0.0011
--------------------------------------------------------------------------------
```

```
================================================================================
Element: Hg    Seq. No.: 7        AS Loc.: 0   Date: 03/23/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.080    -0.080    0.0002   0.0010   0.0002   04:07:52  No
 2       -0.084    -0.084    0.0001   0.0008   0.0002   04:08:21  No
 3       -0.090    -0.090    0.0000   0.0003   0.0001   04:08:50  No
Mean:    -0.085    -0.085    0.0001
SD  :    0.0049    0.0049    0.0001
%RSD:       5.8       5.8   53.3452
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 8        AS Loc.: 7   Date: 03/23/2011
Sample ID: ICV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        3.129     3.129    0.0363   0.1623   0.0363   04:10:02  No
 2        3.075     3.075    0.0357   0.1602   0.0357   04:10:31  No
 3        3.078     3.078    0.0357   0.1603   0.0357   04:11:00  No
Mean:     3.094     3.094    0.0359
SD  :    0.0302    0.0302    0.0003
%RSD:       1.0       1.0    0.9485
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 9        AS Loc.: 1   Date: 03/23/2011
Sample ID: ICB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.088    -0.088    0.0001   0.0008   0.0001   04:12:13  No
 2       -0.091    -0.091    0.0000   0.0001   0.0001   04:12:42  No
 3       -0.092    -0.092    0.0000   0.0001   0.0001   04:13:11  No
Mean:    -0.090    -0.090    0.0000
SD  :    0.0025    0.0025    0.0000
%RSD:       2.7       2.7   72.0362
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 10       AS Loc.: 9   Date: 03/23/2011
Sample ID: 1113104-BLK1
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.099    -0.099   -0.0001   0.0008   0.0001   04:14:21  No
 2       -0.103    -0.103   -0.0001   0.0000   0.0001   04:14:50  No
 3       -0.104    -0.104   -0.0001  -0.0001   0.0000   04:15:19  No
Mean:    -0.102    -0.102   -0.0001
SD  :    0.0026    0.0026    0.0000
%RSD:       2.5       2.5   31.2747

================================================================================
Element: Hg    Seq. No.: 11       AS Loc.: 10   Date: 03/23/2011
Sample ID: 1113104-BS1
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        2.022     2.022    0.0238   0.1091   0.0240   04:16:31  No
 2        2.026     2.026    0.0239   0.1085   0.0240   04:17:00  No
 3        2.013     2.013    0.0237   0.1082   0.0239   04:17:29  No
Mean:     2.020     2.020    0.0238
SD  :    0.0068    0.0068    0.0001
%RSD:       0.3       0.3    0.3202
```

Element: Hg Seq. No.: 12 AS Loc.: 11 Date: 03/23/2011
Sample ID: 11C1114-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.101	-0.101	-0.0001	0.0003	0.0001	04:18:41	No
2	-0.102	-0.102	-0.0001	0.0002	0.0001	04:19:10	No
3	-0.103	-0.103	-0.0001	-0.0001	0.0001	04:19:39	No
Mean:	-0.102	-0.102	-0.0001				
SD :	0.0009	0.0009	0.0000				
%RSD:	0.9	0.9	11.8105				

Element: Hg Seq. No.: 13 AS Loc.: 12 Date: 03/23/2011
Sample ID: 11C1117-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.339	0.339	0.0049	0.0232	0.0050	04:20:53	No
2	0.336	0.336	0.0048	0.0225	0.0050	04:21:22	No
3	~~-0.107~~	~~-0.107~~	-0.0001	-0.0003	0.0000	04:21:51	No
Mean:	~~-0.189~~	~~-0.189~~	0.0032				
SD :	0.2564	0.2564	0.0029				
%RSD:	135.3	135.3	90.5023				

Element: Hg Seq. No.: 14 AS Loc.: 13 Date: 03/23/2011
Sample ID: 11C1243-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.100	-0.100	-0.0001	0.0003	0.0001	04:23:05	No
2	-0.105	-0.105	-0.0001	-0.0002	0.0000	04:23:34	No
3	-0.103	-0.103	-0.0001	-0.0001	0.0001	04:24:03	No
Mean:	-0.103	-0.103	-0.0001				
SD :	0.0024	0.0024	0.0000				
%RSD:	2.3	2.3	26.6162				

Element: Hg Seq. No.: 15 AS Loc.: 14 Date: 03/23/2011
Sample ID: 11C1244-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.104	-0.104	-0.0001	0.0000	0.0000	04:25:19	No
2	-0.103	-0.103	-0.0001	0.0000	0.0001	04:25:48	No
3	-0.101	-0.101	-0.0001	0.0005	0.0001	04:26:17	No
Mean:	-0.103	-0.103	-0.0001				
SD :	0.0016	0.0016	0.0000				
%RSD:	1.5	1.5	18.1841				

Element: Hg Seq. No.: 16 AS Loc.: 15 Date: 03/23/2011
Sample ID: 11C1245-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.103	-0.103	-0.0001	-0.0002	0.0001	04:27:33	No
2	-0.102	-0.102	-0.0001	0.0001	0.0001	04:28:02	No
3	-0.100	-0.100	-0.0001	0.0005	0.0001	04:28:31	No
Mean:	-0.102	-0.102	-0.0001				
SD :	0.0016	0.0016	0.0000				
%RSD:	1.5	1.5	19.6313				

Element: Hg Seq. No.: 17 AS Loc.: 16 Date: 03/23/2011
Sample ID: 1113104-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.101	-0.101	-0.0001	0.0002	0.0001	04:29:49	No
2	-0.099	-0.099	-0.0001	0.0005	0.0001	04:30:18	No
3	-0.099	-0.099	-0.0001	0.0003	0.0001	04:30:47	No
Mean:	-0.099	-0.099	-0.0001				
SD :	0.0012	0.0012	0.0000				
%RSD:	1.2	1.2	21.5307				

Element: Hg Seq. No.: 18 AS Loc.: 17 Date: 03/23/2011
Sample ID: 1113104-MS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.046	2.046	0.0241	0.1066	0.0242	04:32:01	No
2	2.040	2.040	0.0240	0.1066	0.0242	04:32:30	No
3	2.034	2.034	0.0239	0.1060	0.0241	04:32:59	No
Mean:	2.040	2.040	0.0240				
SD :	0.0060	0.0060	0.0001				
%RSD:	0.3	0.3	0.2828				

Element: Hg Seq. No.: 19 AS Loc.: 18 Date: 03/23/2011
Sample ID: 1113104-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.058	2.058	0.0242	0.1068	0.0244	04:34:09	No
2	2.036	2.036	0.0240	0.1054	0.0241	04:34:38	No
3	-0.107	-0.107	-0.0001	-0.0008	0.0000	04:35:07	No
Mean:	1.329	1.329	0.0160				
SD :	1.243	1.243	0.0140				
%RSD:	93.6	93.6	87.3946				

Element: Hg Seq. No.: 20 AS Loc.: 8 Date: 03/23/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.146	3.146	0.0365	0.1599	0.0365	04:36:22	No
2	3.086	3.086	0.0358	0.1584	0.0358	04:36:51	No
3	3.106	3.106	0.0360	0.1578	0.0361	04:37:20	No
Mean:	3.113	3.113	0.0361				
SD :	0.0302	0.0302	0.0003				
%RSD:	1.0	1.0	0.9426				

QC value within specified limits.

Element: Hg Seq. No.: 21 AS Loc.: 1 Date: 03/23/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.090	-0.090	0.0000	0.0005	0.0001	04:38:34	No
2	-0.090	-0.090	0.0000	0.0005	0.0001	04:39:03	No
3	-0.089	-0.089	0.0001	0.0007	0.0001	04:39:32	No
Mean:	-0.090	-0.090	0.0000				
SD :	0.0006	0.0006	0.0000				
%RSD:	0.6	0.6	14.1610				

QC value within specified limits.

Element: Hg Seq. No.: 22 AS Loc.: 19 Date: 03/23/2011
Sample ID: 11C1246-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.101	-0.101	-0.0001	0.0002	0.0001	04:40:44	No
2	-0.101	-0.101	-0.0001	0.0005	0.0001	04:41:13	No
3	-0.102	-0.102	-0.0001	0.0000	0.0001	04:41:42	No
Mean:	-0.101	-0.101	-0.0001				
SD :	0.0006	0.0006	0.0000				
%RSD:	0.6	0.6	8.3683				

Element: Hg Seq. No.: 23 AS Loc.: 20 Date: 03/23/2011
Sample ID: 11C1255-31

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.101	-0.101	-0.0001	0.0004	0.0001	04:42:54	No
2	-0.104	-0.104	-0.0001	-0.0001	0.0000	04:43:23	No
3	-0.099	-0.099	-0.0001	0.0006	0.0001	04:43:52	No
Mean:	-0.101	-0.101	-0.0001				
SD :	0.0026	0.0026	0.0000				
%RSD:	2.6	2.6	34.8919				

Element: Hg Seq. No.: 24 AS Loc.: 21 Date: 03/23/2011
Sample ID: 11C1255-32

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.102	-0.102	-0.0001	0.0002	0.0001	04:45:04	No
2	-0.100	-0.100	-0.0001	0.0005	0.0001	04:45:33	No
3	-0.100	-0.100	-0.0001	0.0004	0.0001	04:46:02	No
Mean:	-0.101	-0.101	-0.0001				
SD :	0.0015	0.0015	0.0000				
%RSD:	1.5	1.5	21.7305				

Element: Hg Seq. No.: 25 AS Loc.: 22 Date: 03/23/2011
Sample ID: 11C1335-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.007	0.007	0.0011	0.0061	0.0013	04:47:14	No
2	0.004	0.004	0.0011	0.0052	0.0013	04:47:43	No
3	0.003	0.003	0.0011	0.0053	0.0012	04:48:12	No
Mean:	0.005	0.005	0.0011				
SD :	0.0023	0.0023	0.0000				
%RSD:	50.3	50.3	2.3263				

Element: Hg Seq. No.: 26 AS Loc.: 23 Date: 03/23/2011
Sample ID: 11C1345-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.097	-0.097	0.0000	0.0004	0.0001	04:49:24	No
2	-0.096	-0.096	0.0000	0.0006	0.0001	04:49:53	No
3	-0.098	-0.098	0.0000	0.0003	0.0001	04:50:22	No
Mean:	-0.097	-0.097	0.0000				
SD :	0.0007	0.0007	0.0000				
%RSD:	0.7	0.7	21.5542				

Element: Hg Seq. No.: 27 AS Loc.: 24 Date: 03/23/2011
Sample ID: 1113105-BLK1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.103	-0.103	-0.0001	0.0001	0.0001	04:51:36	No
2	-0.103	-0.103	-0.0001	0.0001	0.0001	04:52:05	No
3	-0.101	-0.101	-0.0001	0.0002	0.0001	04:52:34	No
Mean:	-0.102	-0.102	-0.0001				
SD :	0.0009	0.0009	0.0000				
%RSD:	0.9	0.9	10.6823				

Element: Hg Seq. No.: 28 AS Loc.: 25 Date: 03/23/2011
Sample ID: 1113105-BLK2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.105	-0.105	-0.0001	-0.0001	0.0000	04:53:48	No
2	-0.106	-0.106	-0.0001	-0.0001	0.0000	04:54:17	No
3	-0.102	-0.102	-0.0001	0.0001	0.0001	04:54:46	No
Mean:	-0.104	-0.104	-0.0001				
SD :	0.0020	0.0020	0.0000				
%RSD:	2.0	2.0	19.6937				

Element: Hg Seq. No.: 29 AS Loc.: 26 Date: 03/23/2011
Sample ID: 1113105-BS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.052	2.052	0.0242	0.1061	0.0243	04:56:00	No
2	2.035	2.035	0.0240	0.1051	0.0241	04:56:29	No
3	2.052	2.052	0.0241	0.1060	0.0243	04:56:58	No
Mean:	2.046	2.046	0.0241				
SD :	0.0099	0.0099	0.0001				
%RSD:	0.5	0.5	0.4648				

Element: Hg Seq. No.: 30 AS Loc.: 27 Date: 03/23/2011
Sample ID: 11C0409-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.102	-0.102	-0.0001	0.0001	0.0001	04:58:25	No
2	-0.101	-0.101	-0.0001	0.0001	0.0001	04:58:54	No
3	-0.103	-0.103	-0.0001	0.0000	0.0001	04:59:23	No
Mean:	-0.102	-0.102	-0.0001				
SD :	0.0012	0.0012	0.0000				
%RSD:	1.2	1.2	14.7825				

Element: Hg Seq. No.: 31 AS Loc.: 28 Date: 03/23/2011
Sample ID: 11C0946-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.103	-0.103	-0.0001	0.0001	0.0001	05:00:37	No
2	-0.103	-0.103	-0.0001	0.0000	0.0001	05:01:06	No
3	-0.100	-0.100	-0.0001	0.0005	0.0001	05:01:35	No
Mean:	-0.102	-0.102	-0.0001				
SD :	0.0015	0.0015	0.0000				
%RSD:	1.5	1.5	18.0259				

Element: Hg Seq. No.: 32 AS Loc.: 8 Date: 03/23/2011

Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.166	3.166	0.0367	0.1595	0.0367	05:02:52	No
2	3.162	3.162	0.0366	0.1595	0.0367	05:03:21	No
3	3.176	3.176	0.0368	0.1592	0.0368	05:03:50	No
Mean:	3.168	3.168	0.0367				
SD :	0.0072	0.0072	0.0001				
%RSD:	0.2	0.2	0.2200				

QC value within specified limits.

Element: Hg Seq. No.: 33 AS Loc.: 1 Date: 03/23/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.094	-0.094	0.0000	0.0000	0.0000	05:05:04	No
2	-0.091	-0.091	0.0000	0.0005	0.0001	05:05:33	No
3	-0.092	-0.092	0.0000	0.0001	0.0001	05:06:02	No
Mean:	-0.092	-0.092	0.0000				
SD :	0.0018	0.0018	0.0000				
%RSD:	1.9	1.9	126.1824				

QC value within specified limits.

Element: Hg Seq. No.: 34 AS Loc.: 29 Date: 03/23/2011
Sample ID: 1113105-DUP1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.099	-0.099	-0.0001	0.0006	0.0001	05:07:16	No
2	-0.099	-0.099	-0.0001	0.0005	0.0001	05:07:45	No
3	-0.101	-0.101	-0.0001	0.0003	0.0001	05:08:14	No
Mean:	-0.100	-0.100	-0.0001				
SD :	0.0012	0.0012	0.0000				
%RSD:	1.2	1.2	20.2537				

Element: Hg Seq. No.: 35 AS Loc.: 30 Date: 03/23/2011
Sample ID: 1113105-MS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.163	0.163	0.0029	0.0131	0.0031	05:09:30	No
2	0.166	0.166	0.0029	0.0132	0.0031	05:09:59	No
3	0.164	0.164	0.0029	0.0130	0.0031	05:10:28	No
Mean:	0.164	0.164	0.0029				
SD :	0.0013	0.0013	0.0000				
%RSD:	0.8	0.8	0.5039				

Element: Hg Seq. No.: 36 AS Loc.: 31 Date: 03/23/2011
Sample ID: 1113105-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.162	0.162	0.0029	0.0131	0.0030	05:11:44	No
2	0.158	0.158	0.0028	0.0127	0.0030	05:12:13	No
3	0.162	0.162	0.0029	0.0130	0.0030	05:12:42	No
Mean:	0.161	0.161	0.0029				
SD :	0.0021	0.0021	0.0000				
%RSD:	1.3	1.3	0.8158				

Element: Hg Seq. No.: 37 AS Loc.: 32 Date: 03/23/2011
Sample ID: 11C1407-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.068	-0.068	0.0003	0.0025	0.0005	05:13:56	No
2	-0.066	-0.066	0.0003	0.0026	0.0005	05:14:25	No
3	-0.069	-0.069	0.0003	0.0023	0.0004	05:14:54	No
Mean:	-0.067	-0.067	0.0003				
SD :	0.0017	0.0017	0.0000				
%RSD:	2.5	2.5	6.3819				

Element: Hg Seq. No.: 38 AS Loc.: 33 Date: 03/23/2011
Sample ID: 11C1408-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.064	-0.064	0.0003	0.0025	0.0005	05:16:04	No
2	-0.063	-0.063	0.0003	0.0027	0.0005	05:16:33	No
3	-0.062	-0.062	0.0004	0.0028	0.0005	05:17:02	No
Mean:	-0.063	-0.063	0.0003				
SD :	0.0006	0.0006	0.0000				
%RSD:	0.9	0.9	1.8918				

Element: Hg Seq. No.: 39 AS Loc.: 8 Date: 03/23/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.198	3.198	0.0370	0.1593	0.0371	05:18:16	No
2	3.194	3.194	0.0370	0.1600	0.0371	05:18:45	No
3	3.207	3.207	0.0371	0.1597	0.0372	05:19:14	No
Mean:	3.200	3.200	0.0371				
SD :	0.0067	0.0067	0.0001				
%RSD:	0.2	0.2	0.2031				

QC value within specified limits.

Element: Hg Seq. No.: 40 AS Loc.: 1 Date: 03/23/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.092	-0.092	0.0000	0.0003	0.0001	05:20:28	No
2	-0.090	-0.090	0.0000	0.0004	0.0001	05:20:57	No
3	-0.093	-0.093	0.0000	0.0004	0.0001	05:21:26	No
Mean:	-0.092	-0.092	0.0000				
SD :	0.0015	0.0015	0.0000				
%RSD:	1.6	1.6	70.5709				

QC value within specified limits.

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C2404 **Matrix:** Water **Department:** SVOC GCMS **Instrument:** MSD5

Injection Log

Data Directory: C:\MSD5\2011\MAR\MAR2311\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) S5032335.D				
No data found		0	0.000	N/A
2) S5032301.D				
SEQ-TUN	PCP,DFTPP,BENZ,DDT	100	1.000	23 Mar 2011 2:48 pm
3) S5032302.D				
SEQ-CAL1	MC12310 >1mL=1ppm	1	1.000	23 Mar 2011 3:09 pm
4) S5032303.D				
SEQ-CAL2	MC12312 >1mL=5ppm	2	1.000	23 Mar 2011 3:44 pm
5) S5032304.D				
SEQ-CAL3	MC12313 >1mL=10ppm	3	1.000	23 Mar 2011 4:19 pm
6) S5032305.D				
SEQ-CAL4	MC12314 >1mL=20ppm	4	1.000	23 Mar 2011 4:55 pm
7) S5032306.D				
SEQ-CAL5	MC12315 >1mL=30ppm	5	1.000	23 Mar 2011 5:30 pm
8) S5032307.D				
SEQ-CAL6	MC12316 >1mL=40ppm	6	1.000	23 Mar 2011 6:05 pm
9) S5032308.D				
SEQ-CAL7	MC12317 >1mL=50ppm	7	1.000	23 Mar 2011 6:40 pm
10) S5032309.D				
SEQ-CAL8	MC12318 >1mL=60ppm	8	1.000	23 Mar 2011 7:15 pm
11) S5032310.D				
SEQ-CAL9	MC12319 >1mL=70ppm	9	1.000	23 Mar 2011 7:50 pm
12) S5032311.D				
SEQ-ICV	MC12320 >1mL=40ppm	10	1.000	23 Mar 2011 8:25 pm
13) S5032312.D				
SEQ-ICB	MB10749,1ml	11	1.000	23 Mar 2011 9:00 pm
14) S5032313.D				
SEQ-TUN	MC12228 50ng	100	1.000	23 Mar 2011 9:35 pm
15) S5032314.D				
SEQ-CCV	MC12316 >1mL=40ppm	6	1.000	23 Mar 2011 10:10 pm
16) S5032315.D				
SEQ-ICB	MB10749,1ml	11	1.000	23 Mar 2011 10:45 pm
17) S5032316.D				
1113085-BS1	1,50 PPM LCS,1000ml+	12	1.000	23 Mar 2011 11:19 pm
18) S5032317.D				
1113085-BSD1	1,50 PPM LCS,1000ml+	13	1.000	23 Mar 2011 11:54 pm
19) S5032318.D				
1113085-BLK1	1,METHOD BLANK,1000m	14	1.000	24 Mar 2011 12:29 am
20) S5032319.D				
11C1255-31	1,SEVERSTAL,980ml+1m	15	1.000	24 Mar 2011 1:03 am
21) S5032320.D				

```
11C1255-32          1,SEVERSTAL,980ml+1m 16    1.000     24 Mar 2011   1:38 am
  ------------------------------------------------------------------------------
22) S5032321.D
11C1255-33          1,SEVERSTAL,980ml+1m 17    1.000     24 Mar 2011   2:13 am
  ------------------------------------------------------------------------------
23) S5032322.D
11C1255-34          1,SEVERSTAL,980ml+1m 18    1.000     24 Mar 2011   2:47 am
  ------------------------------------------------------------------------------
24) S5032323.D
11C1255-35          1,SEVERSTAL,980ml+1m 19    1.000     24 Mar 2011   3:22 am
  ------------------------------------------------------------------------------
25) S5032324.D
11C1255-36          1,SEVERSTAL,980ml+1m 20    1.000     24 Mar 2011   3:57 am
  ------------------------------------------------------------------------------
26) S5032325.D
11C1255-37          1,SEVERSTAL,980ml+1m 21    1.000     24 Mar 2011   4:31 am
  ------------------------------------------------------------------------------
27) S5032326.D
11C1255-38          1,SEVERSTAL,980ml+1m 22    1.000     24 Mar 2011   5:06 am
  ------------------------------------------------------------------------------
28) S5032327.D
SEQ-ICB             MB10749,1ml          11    1.000     24 Mar 2011   5:40 am
  ------------------------------------------------------------------------------
29) S5032328.D
SEQ-CCV             MC12316 >1mL=40ppm    6    1.000     24 Mar 2011   6:15 am
  ------------------------------------------------------------------------------
30) S5032329.D
SEQ-TUN             MB10749,1ml          100    1.000     24 Mar 2011   6:49 am
  ------------------------------------------------------------------------------
31) S5032330.D
SEQ-CCV             MC12316>1ml=40ppm     6    1.000     24 Mar 2011   7:24 am
  ------------------------------------------------------------------------------
32) S5032331.D
SEQ-ICB             MB10749,1ml          11    1.000     24 Mar 2011   7:58 am
  ------------------------------------------------------------------------------
33) S5032332.D
SEQ-ICB             MB10749,1ml          11    1.000     24 Mar 2011   8:33 am
  ------------------------------------------------------------------------------
34) S5032333.D
1113154-BS1         1,50 PPM LCS,1000ml+ 23    1.000     24 Mar 2011   9:07 am
  ------------------------------------------------------------------------------
35) S5032334.D
1113154-BSD1        1,50 PPM LCS,1000ml+ 24    1.000     24 Mar 2011   9:42 am
  ------------------------------------------------------------------------------
36) S5032335.D
1113154-BLK1        1,METHOD BLANK,1000m 25    1.000     24 Mar 2011  10:16 am
  ------------------------------------------------------------------------------
```

GC/MS QA-QC Check Report

Tune File : C:\MSD5\2011\MAR\MAR2311\S5032301.D
Tune Time : 23 Mar 2011 2:48 pm

Daily Calibration File : C:\MSD5\2011\MAR\MAR2311\S5032307.D

	(2FP)	(PHL)	(NBZ)	(FBP)	(DCB)	(NPT)	(ANT)
					65050	239743	138466
	(TBP)	(TPH)			(PHN)	(CRY)	(PRY)
					204741	221167	180308

File	Sample	Surrogate Recovery %				Internal Standard Responses		
S5032302.D								
	SEQ-CAL1	1*	1*	2*	2*	79929	299635	166936
		1*	2*			268113	255563	202006
S5032303.D								
	SEQ-CAL2	6*	6*	10*	10*	76152	280115	162376
		6*	9*			251502	244188	200704
S5032304.D								
	SEQ-CAL3	12	13	19*	19*	75215	278657	161264
		14*	19*			227947	244946	200718
S5032305.D								
	SEQ-CAL4	27	28	42	42	73022	264680	156008
		31	40			212012	245337	187169
S5032306.D								
	SEQ-CAL5	42	42	60	61	68959	256558	153558
		41	61			216620	234224	179715
S5032307.D								
	SEQ-CAL6	54	54	80	81	65050	239743	138466
		55	79			204741	221167	180308
S5032308.D								
	SEQ-CAL7	68	66*	101	100	71438	258852	150793
		63	103			227034	225952	179102
S5032309.D								
	SEQ-CAL8	85*	81*	118	117	73536	279609	168622
		77	126			243900	236310	188363
S5032310.D								
	SEQ-CAL9	98*	94*	141*	141*	70639	269854	160713
		92	146*			240910	239762	198518
S5032311.D								
	SEQ-ICV	51	51	74	77	71703	271949	160246
		47	77			234916	242621	191901
S5032312.D								
	SEQ-ICB	95*	97*	92	96	66166	251541	137699
		87	93			223761	214265	174139
S5032313.D								
	SEQ-TUN	0*	0*	0*	0*	0*	0*	0*
		0*	0*			0*	0*	0*
S5032314.D								
	SEQ-CCV	54	54	80	80	67895	253909	149396
		52	82			223660	234221	181693
S5032315.D								

	SEQ-ICB	97*	96*	93	93	67805	255239	145275
		87	95			227623	218959	178960
S5032316.D								
	1113085-BS	51	37	79	80	67936	253571	149965
		84	88			226923	235229	178157
S5032317.D								
	1113085-BS	58	42	87	89	72439	266558	155228
		91	96			236996	253860	197769
S5032318.D								
	1113085-BL	46	33	70	70	69690	262317	151400
		73	87			252801	229239	190425
S5032319.D								
	11C1255-31	36	26	54	51	62759	232804	133685
		49	52			225683	208995	177401
S5032320.D								
	11C1255-32	48	35	85	85	67432	248065	143187
		84	87			241270	230391	204128
S5032321.D								
	11C1255-33	41	27	65	65	64436	240827	136333
		60	65			230943	211423	182093
S5032322.D								
	11C1255-34	48	33	72	75	65353	243878	137737
		79	80			226813	209387	174976
S5032323.D								
(fails)	11C1255-35	54	39	81	82	64571	242188	137190
		83	85			225677	207438	174817
S5032324.D								
(fails)	11C1255-36	57	45	83	86	70918	271252	152783
		85	92			252800	239374	205134
S5032325.D								
(fails)	11C1255-37	48	33	80	81	58763	227121	124864
		77	77			209935	199839	166049
S5032326.D								
(fails)	11C1255-38	29	20	42	45	64380	243775	135703
		41	40			228234	208939	177300
S5032327.D								
(fails)	SEQ-ICB	95*	95*	95	94	65167	247049	142422
		88	97			222332	205874	165062
S5032328.D								
(fails)	SEQ-CCV	54	55	79	80	63821	241097	142328
		53	79			213449	234519	197699

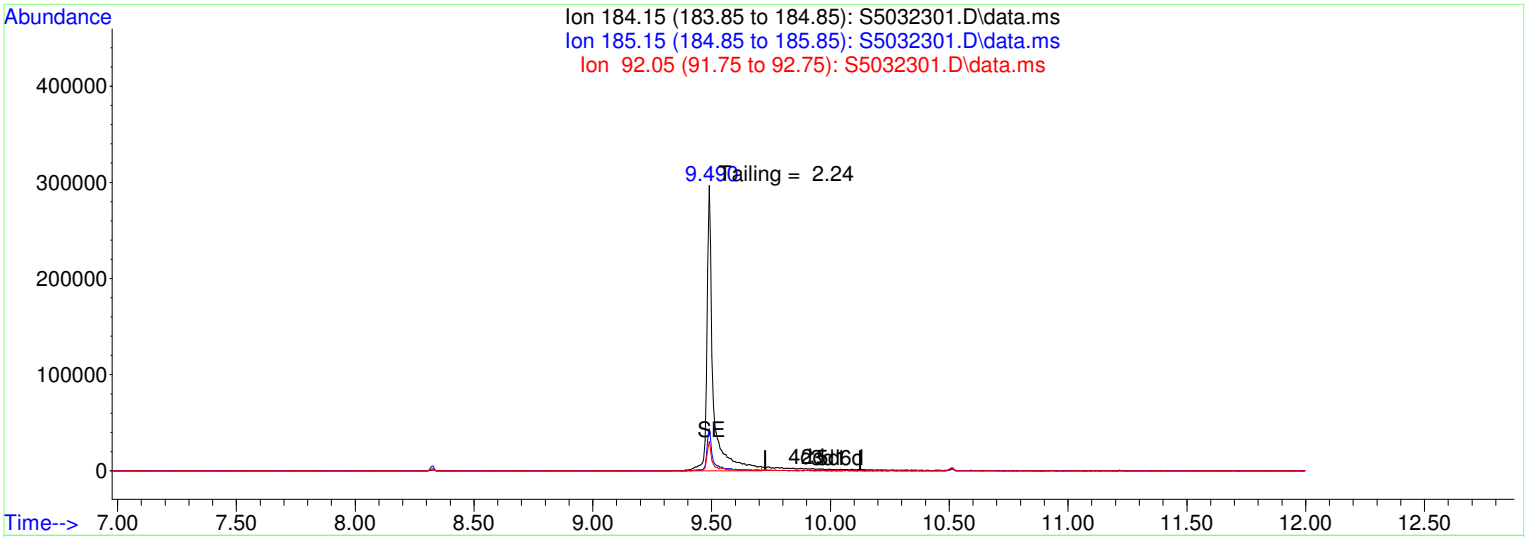
(fails) - fails 12hr time check * - fails criteria

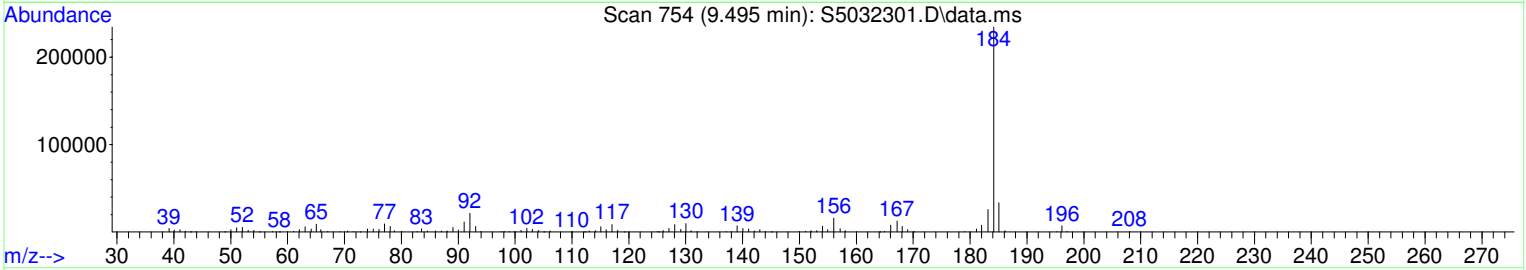
Created: Thu Mar 24 11:44:06 2011 MSD5

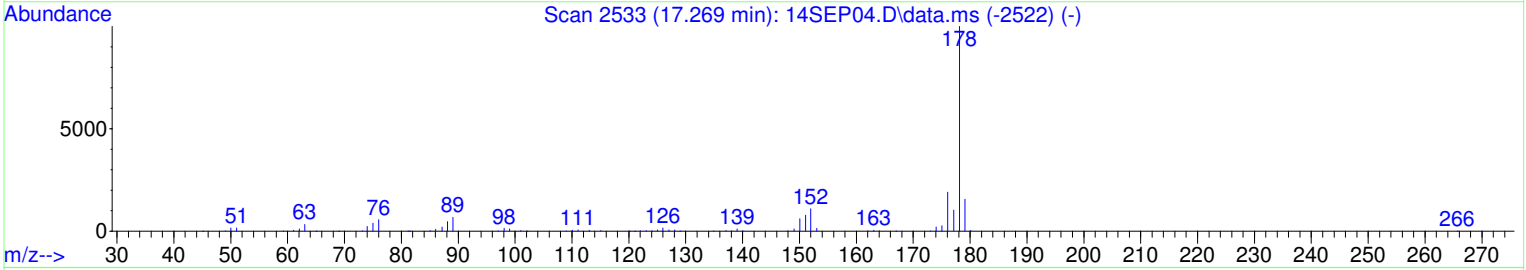
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR2311\S5032301.D Vial: 100
Acq On : 23 Mar 2011 2:48 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 24 10:35:14 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Mon Feb 21 11:03:34 2011
Response via : Initial Calibration







TIC: S5032301.D\data.ms

(12) Benzidine

9.280min (-0.647) 0.00 ug/mL m

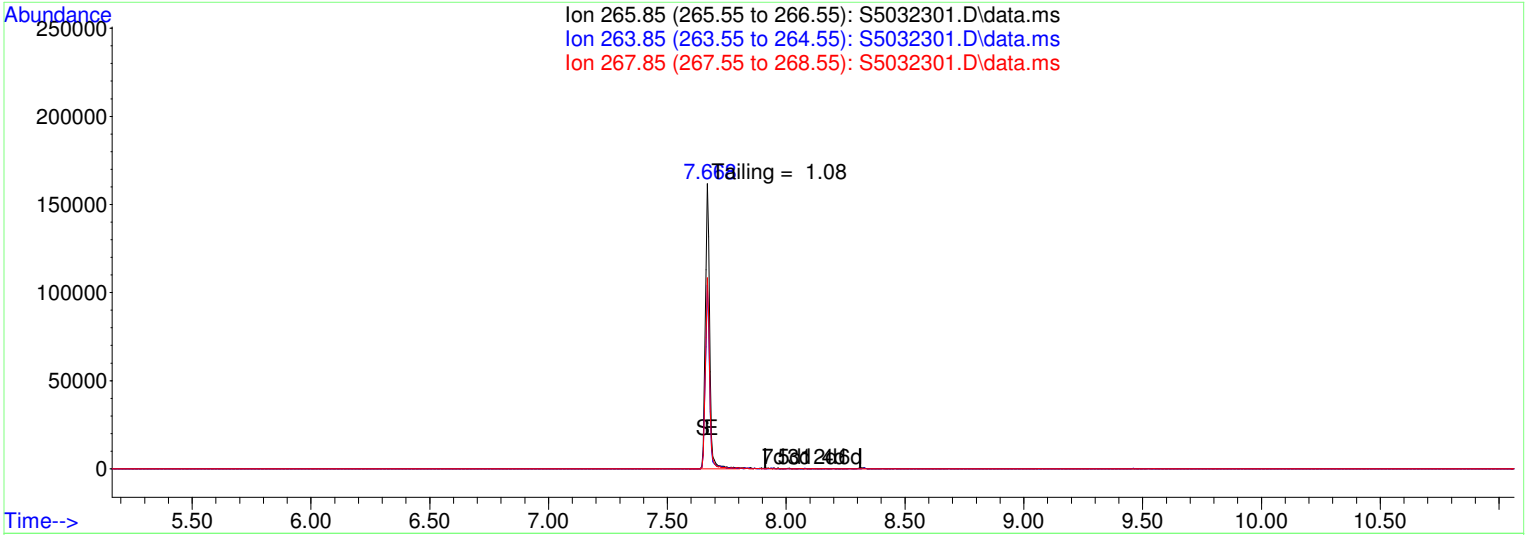
response 0

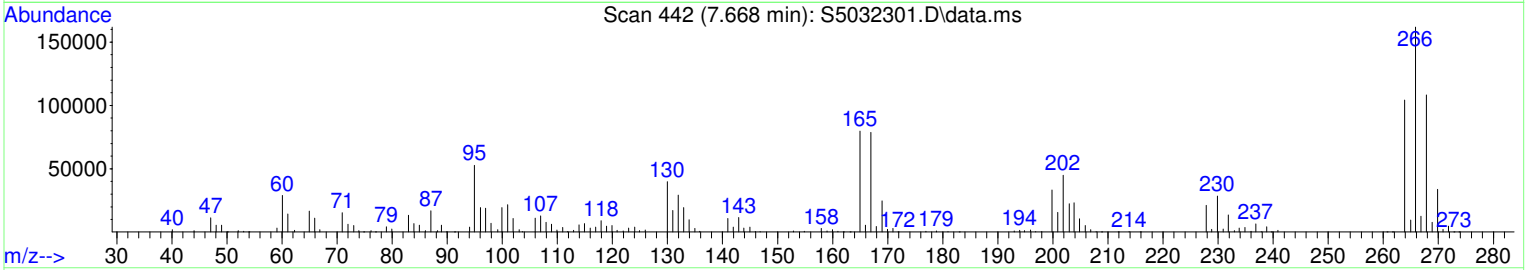
Ion	Exp%	Act%
184.15	100	0.00
185.15	14.50	0.00
92.05	8.50	0.00
0.00	0.00	0.00

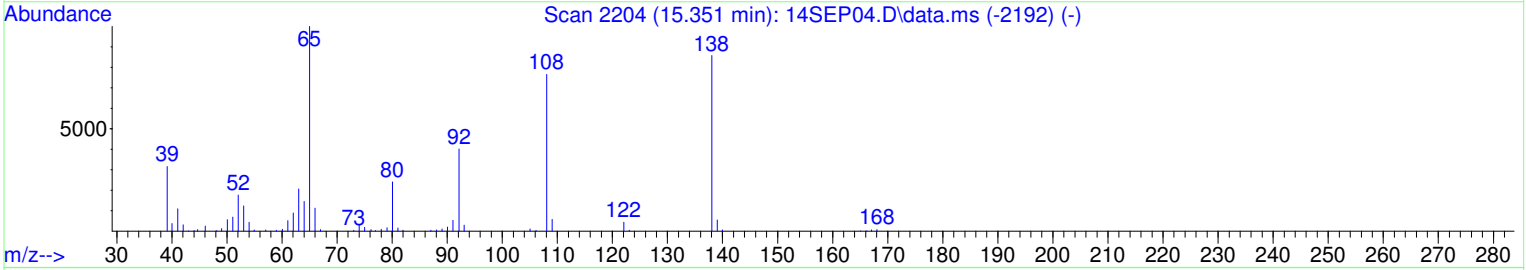
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR2311\S5032301.D Vial: 100
Acq On : 23 Mar 2011 2:48 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 24 10:35:14 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Mon Feb 21 11:03:34 2011
Response via : Initial Calibration







TIC: S5032301.D\data.ms

(10) Pentachlorophenol (CM*)

7.511min (-0.602) 0.00 ug/mL m

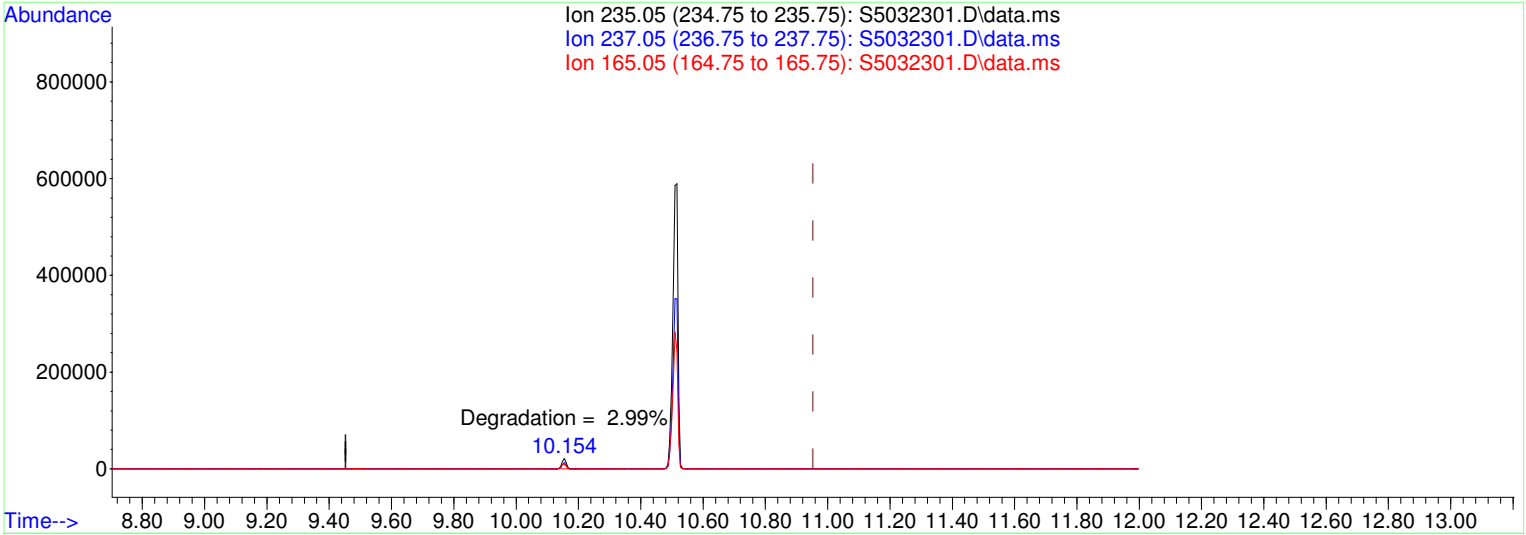
response 0

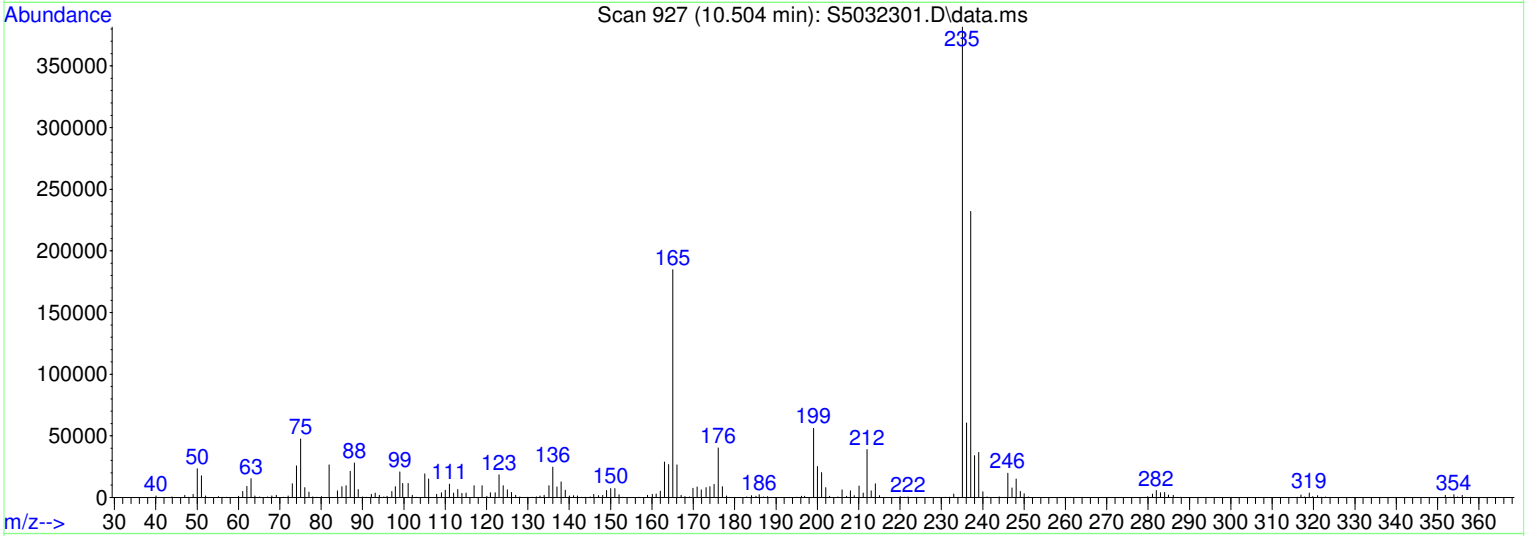
Ion	Exp%	Act%
265.85	100	0.00
263.85	61.50	0.00#
267.85	62.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR2311\S5032301.D Vial: 100
Acq On : 23 Mar 2011 2:48 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 24 10:35:14 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Mon Feb 21 11:03:34 2011
Response via : Initial Calibration





TIC: S5032301.D\data.ms

(7) p,p'-DDT

10.516min (-0.437) 0.00 ug/mL

response 680114

Ion	Exp%	Act%
235.05	100	100
237.05	64.80	59.97
165.05	49.40	45.84
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2311\S5032311.D Vial: 10
Acq On : 23 Mar 2011 8:25 pm Operator: RCS
Sample : SEQ-ICV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 24 11:18:17 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:08:58 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	110	0.00
2		N-Nitrosodimethylamine	40.000	37.475	6.3	100	0.00
3	T	Pyridine	40.000	39.239	1.9	103	0.00
4	S	2-Fluorophenol	40.000	38.623	3.4	104	0.00
5		Pentachloroethane	40.000	38.187	4.5	105	0.00
6		Aniline	40.000	39.572	1.1	108	0.00
7	T	bis(2-Chloroethyl)ether	40.000	38.745	3.1	111	0.00
8	S	Phenol-d5	40.000	38.461	3.8	105	-0.01
9	CM*	Phenol	40.000	40.154	-0.4	109	0.00
10	M	2-Chlorophenol	40.000	39.560	1.1	111	0.00
11	T	1,3-Dichlorobenzene	40.000	38.283	4.3	105	0.00
12	CM*	1,4-Dichlorobenzene	40.000	37.561	6.1	105	0.00
13	T	1,2-Dichlorobenzene	40.000	39.423	1.4	110	0.00
14	T	Benzyl alcohol	40.000	39.168	2.1	106	0.00
15	T	bis(2-chloroisopropyl)ether	40.000	37.814	5.5	105	0.00
16	T	2-Methylphenol	40.000	39.296	1.8	107	0.00
17	T	Hexachloroethane	40.000	38.332	4.2	108	0.00
18	PM**	N-Nitroso-di-n-propylamine	40.000	39.112	2.2	108	0.00
19	T	4-Methylphenol,3-Methylphen	40.000	39.233	1.9	107	0.00
20	I	Naphthalene-d8	40.000	40.000	0.0	113	0.00
21	S	Nitrobenzene-d5	40.000	37.179	7.1	106	0.00
22	T	Nitrobenzene	40.000	37.803	5.5	106	0.00
23	T	Isophorone	40.000	37.962	5.1	108	0.00
24	CT*	2-Nitrophenol	40.000	39.612	1.0	110	0.00
25	T	2,4-Dimethylphenol	40.000	39.510	1.2	111	0.00
26	T	bis(2-Chloroethoxy)methane	40.000	38.216	4.5	109	0.00
27	CT*	2,4-Dichlorophenol	40.000	38.640	3.4	105	0.00
28	M	1,2,4-Trichlorobenzene	40.000	37.350	6.6	106	0.00
29	T	Naphthalene	40.000	37.079	7.3	106	0.00
30	T	4-Chloroaniline	40.000	39.207	2.0	110	0.00
31	T	Benzoic Acid	40.000	39.101	2.2	118	-0.04
32	CT*	Hexachlorobutadiene	40.000	38.139	4.7	106	0.00
33		Resorcinol	40.000	0.000	100.0#	0	0.00
34	CM*	4-Chloro-3-methylphenol	40.000	40.070	-0.2	112	0.00
35	T	2-Methylnaphthalene	40.000	37.837	5.4	110	0.00
36		1-Methylnaphthalene	40.000	38.654	3.4	111	0.00
37	I	Acenaphthene-d10	40.000	40.000	0.0	116	0.00
38	PT**	Hexachlorocyclopentadiene	40.000	38.290	4.3	111	0.00
39	CT*	2,4,6-Trichlorophenol	40.000	37.935	5.2	106	0.00
40	T	2,4,5-Trichlorophenol	40.000	42.067	-5.2	117	0.00
41	S	2-Fluorobiphenyl	40.000	38.393	4.0	110	0.00
42	T	2-Chloronaphthalene	40.000	38.228	4.4	108	0.00
43	T	2-Nitroaniline	40.000	40.070	-0.2	111	0.00
44		1,4-Dinitrobenzene	40.000	37.492	6.3	111	0.00
45	T	Acenaphthylene	40.000	38.852	2.9	109	0.00
46	T	Dimethylphthalate	40.000	36.591	8.5	107	0.00
47		1,3-Dinitrobenzene	40.000	37.575	6.1	110	0.00
48		1,2-Dinitrobenzene	40.000	37.575	6.1	110	0.00
49	T	2,6-Dinitrotoluene	40.000	37.562	6.1	106	0.00
50	CM*	Acenaphthene	40.000	37.582	6.0	105	0.00
51	T	3-Nitroaniline	40.000	37.959	5.1	106	-0.01
52	PT**	2,4-Dinitrophenol	40.000	40.701	-1.8	121	0.00
53	T	Dibenzofuran	40.000	38.205	4.5	109	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2311\S5032311.D Vial: 10
Acq On : 23 Mar 2011 8:25 pm Operator: RCS
Sample : SEQ-ICV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 24 11:18:17 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:08:58 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

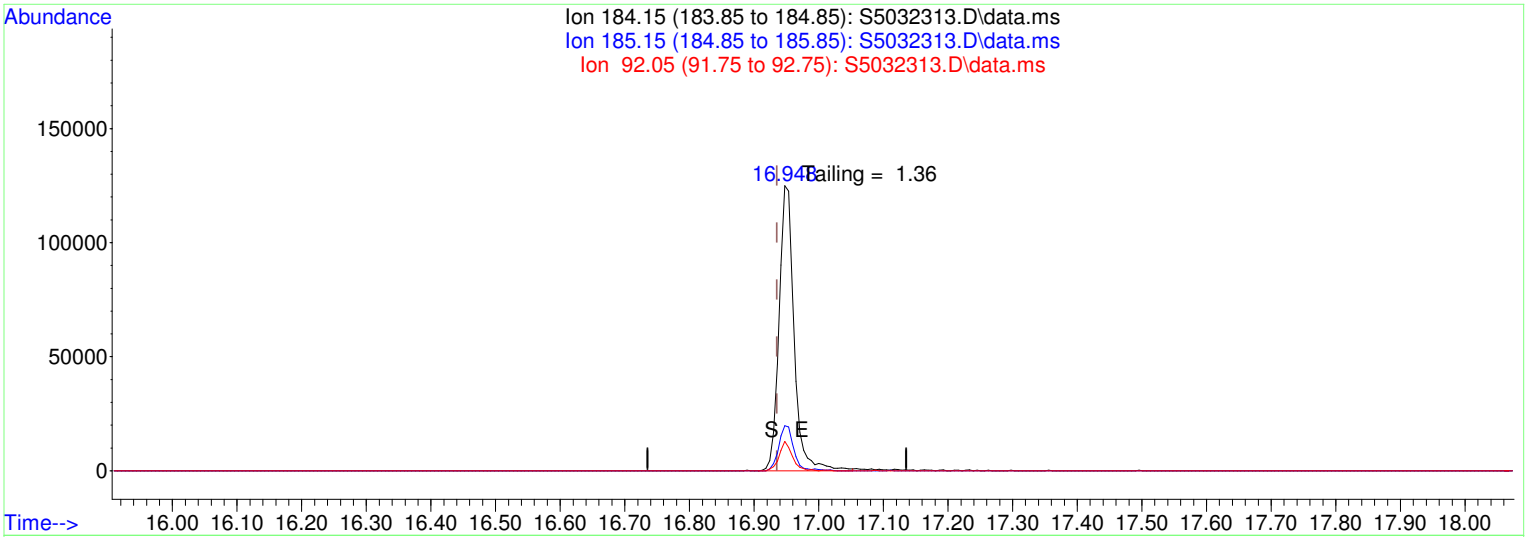
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	40.031	-0.1	112	0.00
55		2,3,4,6-Tetrachlorophenol	40.000	38.387	4.0	106	0.00
56	M	2,4-Dinitrotoluene	40.000	39.691	0.8	106	0.00
57	PM**	4-Nitrophenol	40.000	37.656	5.9	110	0.00
58	T	Fluorene	40.000	37.934	5.2	108	0.00
59	T	4-Chlorophenyl-phenylether	40.000	38.292	4.3	109	0.00
60	T	Diethylphthalate	40.000	37.877	5.3	109	0.00
61	T	1,2-Diphenylhydrazine (Azob	40.000	37.234	6.9	106	0.00
62	T	4-Nitroaniline	40.000	37.959	5.1	106	-0.01
63	I	Phenanthrene-d10	40.000	40.000	0.0	115	0.00
64	T	4,6-Dinitro-2-methylphenol	40.000	37.223	6.9	109	0.00
65	CT*	n-Nitrosodiphenylamine	40.000	36.316	9.2	110	0.00
66	S	2,4,6-Tribromophenol	40.000	35.274	11.8	98	0.00
67	T	4-Bromophenyl-phenylether	40.000	37.299	6.8	112	0.00
68	T	Hexachlorobenzene	40.000	38.632	3.4	111	0.00
69	CM*	Pentachlorophenol	40.000	39.909	0.2	122	0.00
70	T	Phenanthrene	40.000	38.206	4.5	110	0.00
71	T	Anthracene	40.000	38.249	4.4	111	0.00
72	T	Carbazole	40.000	38.356	4.1	109	0.00
73	T	Di-n-butylphthalate	40.000	38.523	3.7	108	0.00
74	CT*	Fluoranthene	40.000	38.463	3.8	107	0.00
75	I	Chrysene-d12	40.000	40.000	0.0	110	0.00
76	M	Pyrene	40.000	38.881	2.8	106	0.00
77		Benzidine	40.000	42.943	-7.4	112	0.00
78	S	Terphenyl-d14	40.000	38.530	3.7	108	0.00
79		3,3'-Dimethylbenzidine	40.000	0.016	100.0#	0	-0.02
80	T	Butylbenzylphthalate	40.000	38.353	4.1	104	0.00
81		bis(2-ethylhexyl)adipate	40.000	38.217	4.5	106	0.00
82	T	3,3'-Dichlorobenzidine	40.000	38.619	3.5	103	0.00
83	T	Benzo[a]anthracene	40.000	38.156	4.6	104	0.00
84	T	Chrysene	40.000	38.529	3.7	103	0.00
85	T	bis(2-Ethylhexyl)phthalate	40.000	38.449	3.9	104	0.00
86	I	Perylene-d12	40.000	40.000	0.0	106	0.00
87	CT*	Di-n-octylphthalate	40.000	38.920	2.7	104	0.00
88	T	Benzo[b]fluoranthene	40.000	38.757	3.1	104	0.00
89	T	Benzo[k]fluoranthene	40.000	37.621	5.9	99	-0.01
90	CT*	Benzo[a]pyrene	40.000	38.758	3.1	102	0.00
91	T	Indeno[1,2,3-cd]pyrene	40.000	38.269	4.3	100	0.00
92	T	Dibenz[a,h]anthracene	40.000	37.727	5.7	101	0.00
93	T	Benzo[g,h,i]perylene	40.000	36.994	7.5	100	0.00

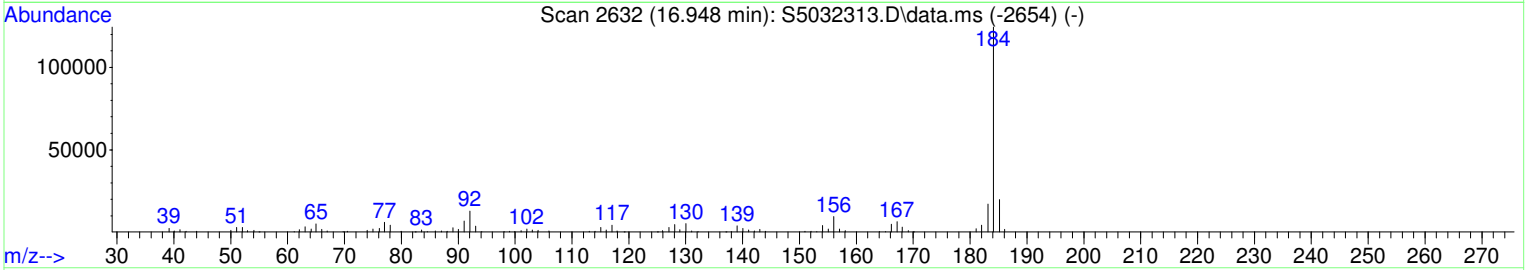
(#) = Out of Range SPCC's out = 0 CCC's out = 0

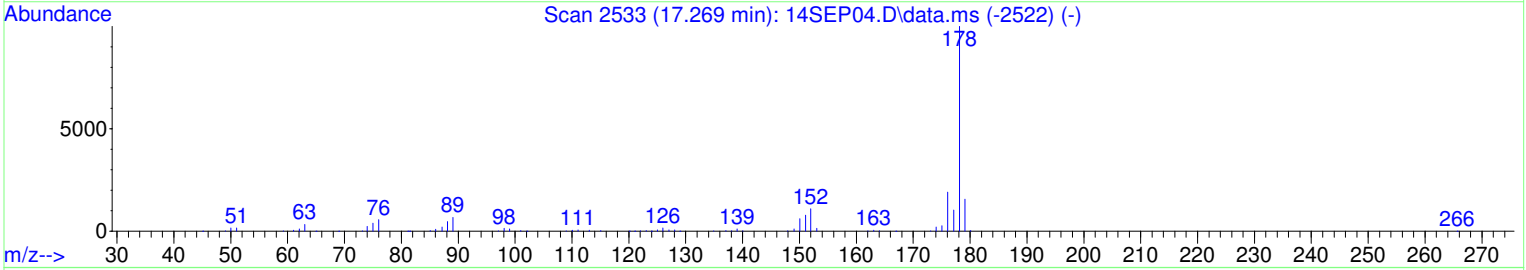
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR2311\S5032313.D Vial: 100
Acq On : 23 Mar 2011 9:35 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : MC12228 50ng Multiplr: 1.00

Quant Time: Mar 24 11:29:45 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5032313.D\data.ms

(12) Benzidine

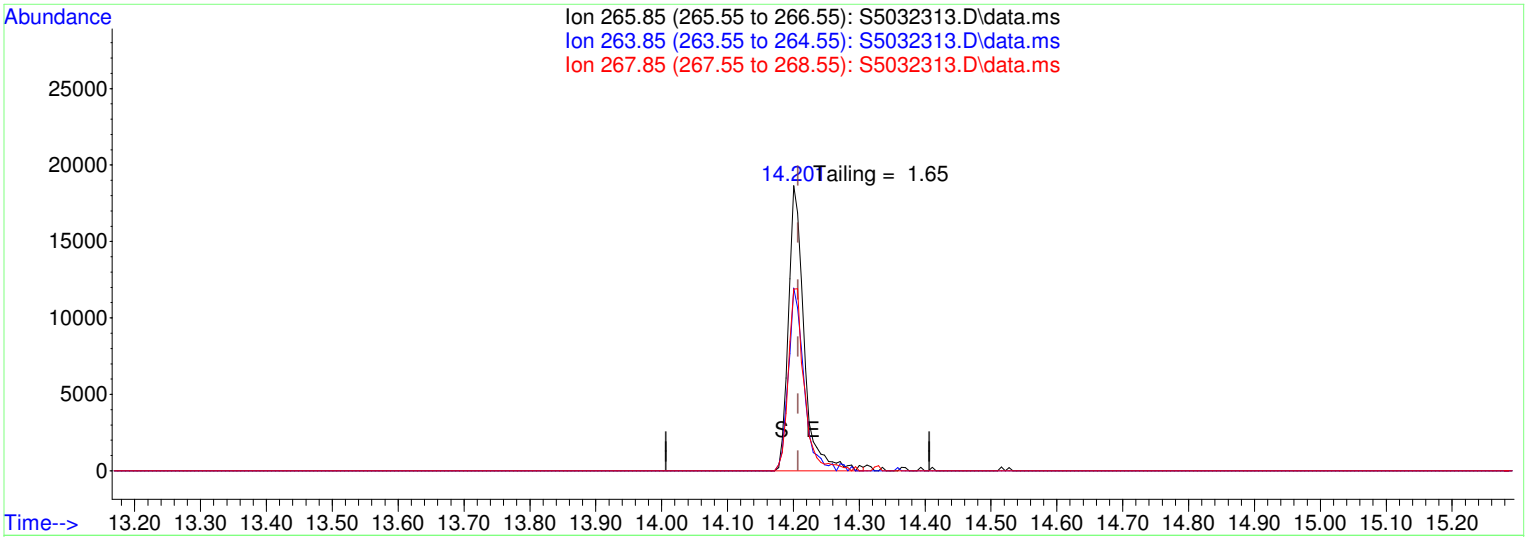
16.948min (+0.012) 0.00 ug/mL

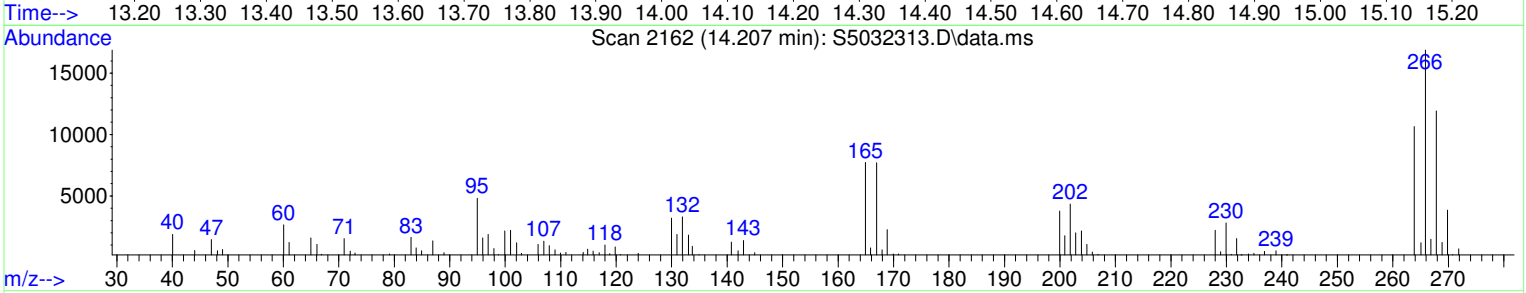
response 203665

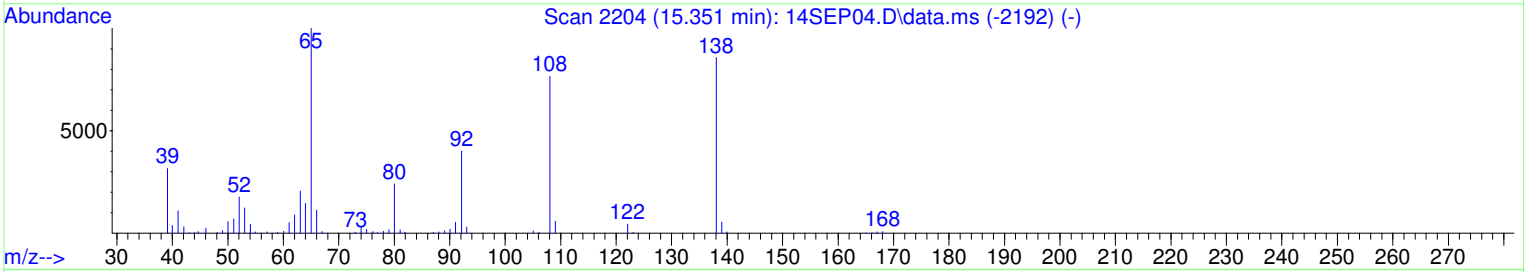
Ion	Exp%	Act%
184.15	100	100
185.15	14.50	15.81
92.05	8.50	10.33
0.00	0.00	0.00

Data File : C:\MSD5\2011\MAR\MAR2311\S5032313.D Vial: 100
Acq On : 23 Mar 2011 9:35 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : MC12228 50ng Multiplr: 1.00

Quant Time: Mar 24 11:29:45 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5032313.D\data.ms

(10) Pentachlorophenol (CM*)

14.201min (-0.006) 0.00 ug/mL

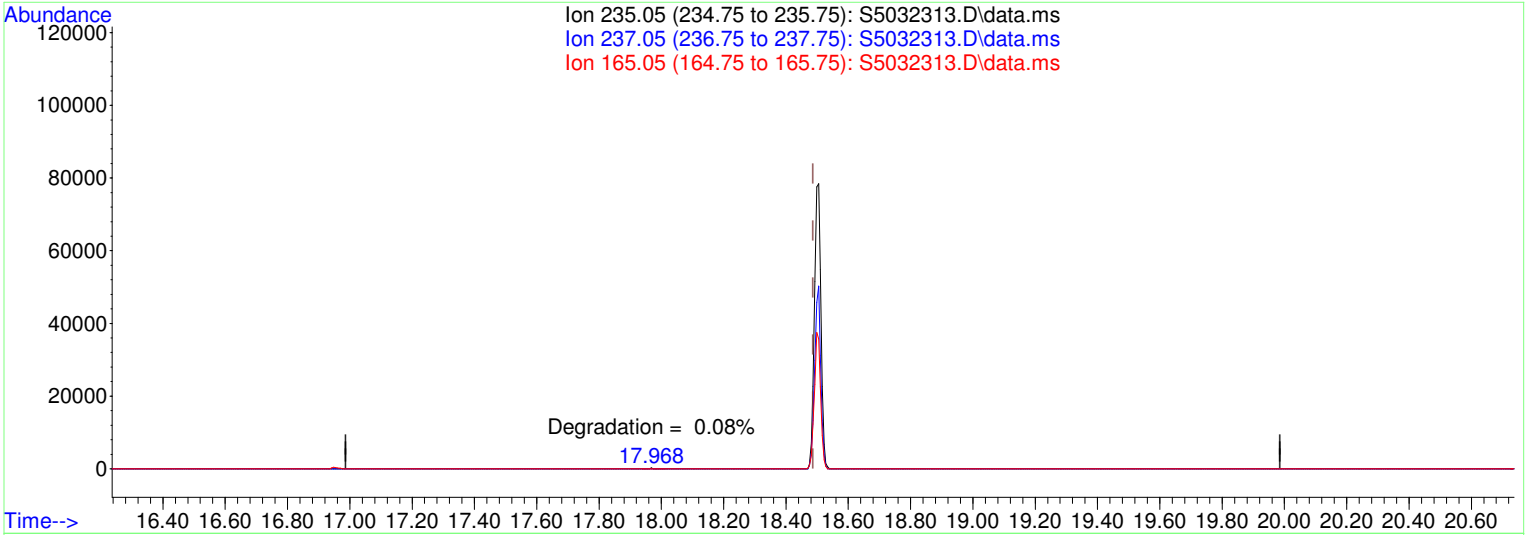
response 30588

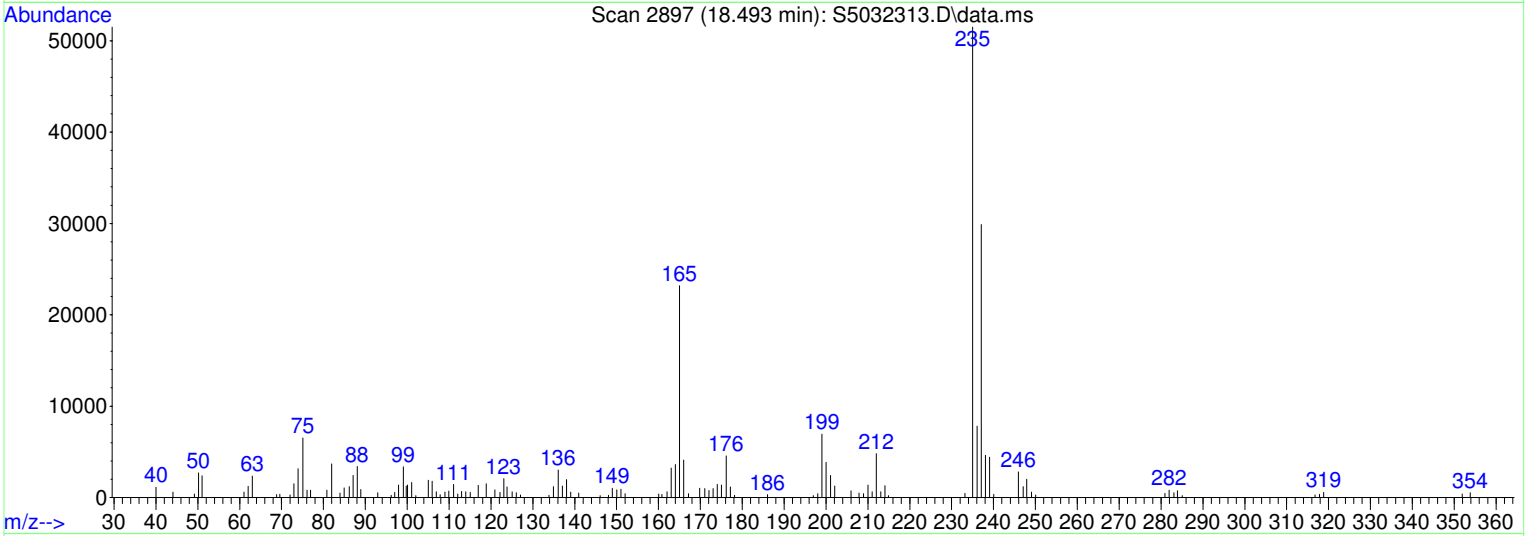
Ion	Exp%	Act%
265.85	100	100
263.85	61.50	64.09
267.85	62.40	63.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR2311\S5032313.D Vial: 100
Acq On : 23 Mar 2011 9:35 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : MC12228 50ng Multiplr: 1.00

Quant Time: Mar 24 11:29:45 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration





TIC: S5032313.D\data.ms

(7) p,p'-DDT

18.505min (+0.018) 0.00 ug/mL

response 113651

Ion	Exp%	Act%
235.05	100	100
237.05	64.80	59.65
165.05	49.40	45.69
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2311\S5032314.D Vial: 6
Acq On : 23 Mar 2011 10:10 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12316 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 24 11:30:41 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:08:58 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	24	0.13
2		N-Nitrosodimethylamine	50.000	38.702	22.6	20	0.43
3	T	Pyridine	50.000	39.702	20.6	21	0.45
4	S	2-Fluorophenol	50.000	40.667	18.7	19	0.20
5		Pentachloroethane	50.000	39.892	20.2	18	0.14
6		Aniline	50.000	39.881	20.2	20	0.14
7	T	bis(2-Chloroethyl)ether	50.000	39.159	21.7	20	0.14
8	S	Phenol-d5	50.000	40.705	18.6	19	0.13
9	CM*	Phenol	50.000	40.262	19.5	17	0.13
10	M	2-Chlorophenol	50.000	40.637	18.7	19	0.13
11	T	1,3-Dichlorobenzene	50.000	41.004	18.0	19	0.13
12	CM*	1,4-Dichlorobenzene	50.000	40.710	18.6	19	0.13
13	T	1,2-Dichlorobenzene	50.000	39.836	20.3	18	0.13
14	T	Benzyl alcohol	50.000	40.577	18.8	20	0.12
15	T	bis(2-chloroisopropyl)ether	50.000	40.884	18.2	19	0.12
16	T	2-Methylphenol	50.000	40.988	18.0	21	0.12
17	T	Hexachloroethane	50.000	39.862	20.3	19	0.12
18	PM**	N-Nitroso-di-n-propylamine	50.000	40.392	19.2	22	0.12
19	T	4-Methylphenol,3-Methylphen	50.000	40.847	18.3	21	0.12
20	I	Naphthalene-d8	40.000	40.000	0.0	24	0.11
21	S	Nitrobenzene-d5	50.000	40.246	19.5	21	0.12
22	T	Nitrobenzene	50.000	39.939	20.1	22	0.12
23	T	Isophorone	50.000	40.291	19.4	21	0.13
24	CT*	2-Nitrophenol	50.000	42.009	16.0	19	0.12
25	T	2,4-Dimethylphenol	50.000	40.212	19.6	20	0.11
26	T	bis(2-Chloroethoxy)methane	50.000	40.056	19.9	21	0.12
27	CT*	2,4-Dichlorophenol	50.000	41.034	17.9	19	0.12
28	M	1,2,4-Trichlorobenzene	50.000	40.687	18.6	19	0.11
29	T	Naphthalene	50.000	40.458	19.1	19	0.12
30	T	4-Chloroaniline	50.000	40.765	18.5	19	0.12
31	T	Benzoic Acid	50.000	39.596	20.8	20	0.15
32	CT*	Hexachlorobutadiene	50.000	40.528	18.9	19	0.11
33		Resorcinol	50.000	0.000	100.0#	22	0.12
34	CM*	4-Chloro-3-methylphenol	50.000	40.269	19.5	20	0.11
35	T	2-Methylnaphthalene	50.000	40.291	19.4	19	0.12
36		1-Methylnaphthalene	50.000	40.554	18.9	19	0.12
37	I	Acenaphthene-d10	40.000	40.000	0.0	25	0.12
38	PT**	Hexachlorocyclopentadiene	50.000	38.030	23.9	16	0.11
39	CT*	2,4,6-Trichlorophenol	50.000	40.844	18.3	19	0.12
40	T	2,4,5-Trichlorophenol	50.000	40.546	18.9	18	0.12
41	S	2-Fluorobiphenyl	50.000	40.086	19.8	21	0.12
42	T	2-Chloronaphthalene	50.000	40.627	18.7	20	0.12
43	T	2-Nitroaniline	50.000	41.743	16.5	20	0.13
44		1,4-Dinitrobenzene	50.000	39.523	21.0	26	0.13
45	T	Acenaphthylene	50.000	40.337	19.3	20	0.12
46	T	Dimethylphthalate	50.000	38.451	23.1	18	0.12
47		1,3-Dinitrobenzene	50.000	39.521	21.0	18	0.13
48		1,2-Dinitrobenzene	50.000	39.521	21.0	18	0.13
49	T	2,6-Dinitrotoluene	50.000	40.134	19.7	20	0.12
50	CM*	Acenaphthene	50.000	40.215	19.6	21	0.12
51	T	3-Nitroaniline	50.000	40.261	19.5	29	0.13
52	PT**	2,4-Dinitrophenol	50.000	40.054	19.9	17	0.13
53	T	Dibenzofuran	50.000	39.894	20.2	21	0.12

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2311\S5032314.D Vial: 6
Acq On : 23 Mar 2011 10:10 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12316 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 24 11:30:41 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:08:58 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	50.000	42.411	15.2	19	0.12
55		2,3,4,6-Tetrachlorophenol	50.000	39.806	20.4	19	0.12
56	M	2,4-Dinitrotoluene	50.000	42.099	15.8	18	0.13
57	PM**	4-Nitrophenol	50.000	40.925	18.2	17	0.12
58	T	Fluorene	50.000	41.798	16.4	21	0.12
59	T	4-Chlorophenyl-phenylether	50.000	40.620	18.8	23	0.12
60	T	Diethylphthalate	50.000	39.322	21.4	17	0.12
61	T	1,2-Diphenylhydrazine (Azob	50.000	40.462	19.1	25	0.12
62	T	4-Nitroaniline	50.000	40.261	19.5	29	0.13
63	I	Phenanthrene-d10	40.000	40.000	0.0	22	0.13
64	T	4,6-Dinitro-2-methylphenol	50.000	39.196	21.6	18	0.13
65	CT*	n-Nitrosodiphenylamine	50.000	37.510	25.0	18	0.12
66	S	2,4,6-Tribromophenol	50.000	38.686	22.6	17	0.12
67	T	4-Bromophenyl-phenylether	50.000	38.414	23.2	19	0.12
68	T	Hexachlorobenzene	50.000	40.228	19.5	18	0.12
69	CM*	Pentachlorophenol	50.000	39.845	20.3	16	0.12
70	T	Phenanthrene	50.000	40.795	18.4	17	0.13
71	T	Anthracene	50.000	40.168	19.7	18	0.13
72	T	Carbazole	50.000	40.773	18.5	25	0.13
73	T	Di-n-butylphthalate	50.000	41.215	17.6	17	0.13
74	CT*	Fluoranthene	50.000	41.660	16.7	17	0.13
75	I	Chrysene-d12	40.000	40.000	0.0	21	0.14
76	M	Pyrene	50.000	41.072	17.9	17	0.13
77		Benzidine	50.000	42.081	15.8	22	0.14
78	S	Terphenyl-d14	50.000	41.192	17.6	19	0.13
79		3,3'-Dimethylbenzidine	50.000	41.884	16.2	20	0.15
80	T	Butylbenzylphthalate	50.000	41.026	17.9	18	0.13
81		bis(2-ethylhexyl)adipate	50.000	40.226	19.5	19	0.12
82	T	3,3'-Dichlorobenzidine	50.000	39.298	21.4	27	0.14
83	T	Benzo[a]anthracene	50.000	39.172	21.7	17	0.13
84	T	Chrysene	50.000	39.843	20.3	18	0.14
85	T	bis(2-Ethylhexyl)phthalate	50.000	39.938	20.1	18	0.13
86	I	Perylene-d12	40.000	40.000	0.0	22	0.15
87	CT*	Di-n-octylphthalate	50.000	40.380	19.2	15	0.13
88	T	Benzo[b]fluoranthene	50.000	41.709	16.6	13	0.15
89	T	Benzo[k]fluoranthene	50.000	40.237	19.5	21	0.14
90	CT*	Benzo[a]pyrene	50.000	41.066	17.9	16	0.15
91	T	Indeno[1,2,3-cd]pyrene	50.000	40.493	19.0	18	0.16
92	T	Dibenz[a,h]anthracene	50.000	40.977	18.0	18	0.16
93	T	Benzo[g,h,i]perylene	50.000	39.439	21.1	17	0.16

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2311\S5032328.D Vial: 6
Acq On : 24 Mar 2011 6:15 am Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12316 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 24 11:19:55 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:08:58 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	98	0.00
2		N-Nitrosodimethylamine	40.000	39.531	1.2	93	0.00
3	T	Pyridine	40.000	39.920	0.2	93	0.00
4	S	2-Fluorophenol	40.000	40.453	-1.1	97	0.00
5		Pentachloroethane	40.000	42.073	-5.2	103	0.00
6		Aniline	40.000	41.111	-2.8	100	0.00
7	T	bis(2-Chloroethyl)ether	40.000	39.833	0.4	102	0.00
8	S	Phenol-d5	40.000	40.882	-2.2	99	-0.01
9	CM*	Phenol	40.000	40.779	-1.9	99	0.00
10	M	2-Chlorophenol	40.000	40.693	-1.7	102	0.00
11	T	1,3-Dichlorobenzene	40.000	41.023	-2.6	100	0.00
12	CM*	1,4-Dichlorobenzene	40.000	40.224	-0.6	100	0.00
13	T	1,2-Dichlorobenzene	40.000	39.848	0.4	99	0.00
14	T	Benzyl alcohol	40.000	39.877	0.3	96	0.00
15	T	bis(2-chloroisopropyl)ether	40.000	40.552	-1.4	100	0.00
16	T	2-Methylphenol	40.000	40.187	-0.5	97	0.00
17	T	Hexachloroethane	40.000	40.153	-0.4	101	0.00
18	PM**	N-Nitroso-di-n-propylamine	40.000	40.176	-0.4	99	0.00
19	T	4-Methylphenol,3-Methylphen	40.000	40.421	-1.1	98	0.00
20	I	Naphthalene-d8	40.000	40.000	0.0	101	0.00
21	S	Nitrobenzene-d5	40.000	39.642	0.9	100	0.00
22	T	Nitrobenzene	40.000	39.536	1.2	98	0.00
23	T	Isophorone	40.000	40.469	-1.2	102	0.00
24	CT*	2-Nitrophenol	40.000	40.171	-0.4	99	0.00
25	T	2,4-Dimethylphenol	40.000	40.180	-0.4	100	0.00
26	T	bis(2-Chloroethoxy)methane	40.000	39.521	1.2	100	0.00
27	CT*	2,4-Dichlorophenol	40.000	40.779	-1.9	98	0.00
28	M	1,2,4-Trichlorobenzene	40.000	39.133	2.2	98	0.00
29	T	Naphthalene	40.000	39.177	2.1	100	0.00
30	T	4-Chloroaniline	40.000	40.400	-1.0	100	0.00
31	T	Benzoic Acid	40.000	38.304	4.2	102	-0.04
32	CT*	Hexachlorobutadiene	40.000	40.014	-0.0	98	0.00
33		Resorcinol	40.000	0.000	100.0#	0	0.00
34	CM*	4-Chloro-3-methylphenol	40.000	40.965	-2.4	102	0.00
35	T	2-Methylnaphthalene	40.000	39.233	1.9	101	0.00
36		1-Methylnaphthalene	40.000	39.241	1.9	100	0.00
37	I	Acenaphthene-d10	40.000	40.000	0.0	103	0.00
38	PT**	Hexachlorocyclopentadiene	40.000	38.680	3.3	100	0.00
39	CT*	2,4,6-Trichlorophenol	40.000	40.587	-1.5	101	0.00
40	T	2,4,5-Trichlorophenol	40.000	40.168	-0.4	99	0.00
41	S	2-Fluorobiphenyl	40.000	40.026	-0.1	102	0.00
42	T	2-Chloronaphthalene	40.000	39.948	0.1	101	0.00
43	T	2-Nitroaniline	40.000	42.061	-5.2	104	0.00
44		1,4-Dinitrobenzene	40.000	39.212	2.0	103	0.00
45	T	Acenaphthylene	40.000	39.708	0.7	99	0.00
46	T	Dimethylphthalate	40.000	38.561	3.6	101	0.00
47		1,3-Dinitrobenzene	40.000	38.657	3.4	100	0.00
48		1,2-Dinitrobenzene	40.000	38.657	3.4	100	0.00
49	T	2,6-Dinitrotoluene	40.000	38.731	3.2	97	0.00
50	CM*	Acenaphthene	40.000	40.365	-0.9	101	0.00
51	T	3-Nitroaniline	40.000	40.290	-0.7	100	-0.01
52	PT**	2,4-Dinitrophenol	40.000	39.169	2.1	102	0.00
53	T	Dibenzofuran	40.000	40.467	-1.2	102	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2311\S5032328.D Vial: 6
Acq On : 24 Mar 2011 6:15 am Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12316 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 24 11:19:55 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:08:58 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	41.615	-4.0	103	0.00
55		2,3,4,6-Tetrachlorophenol	40.000	40.469	-1.2	99	0.00
56	M	2,4-Dinitrotoluene	40.000	42.186	-5.5	100	0.00
57	PM**	4-Nitrophenol	40.000	40.017	-0.0	104	0.00
58	T	Fluorene	40.000	39.213	2.0	99	0.00
59	T	4-Chlorophenyl-phenylether	40.000	41.062	-2.7	104	0.00
60	T	Diethylphthalate	40.000	40.298	-0.7	103	-0.01
61	T	1,2-Diphenylhydrazine (Azob	40.000	39.933	0.2	101	0.00
62	T	4-Nitroaniline	40.000	40.290	-0.7	100	-0.01
63	I	Phenanthrene-d10	40.000	40.000	0.0	104	0.00
64	T	4,6-Dinitro-2-methylphenol	40.000	37.476	6.3	100	0.00
65	CT*	n-Nitrosodiphenylamine	40.000	36.766	8.1	101	0.00
66	S	2,4,6-Tribromophenol	40.000	39.926	0.2	101	0.00
67	T	4-Bromophenyl-phenylether	40.000	39.023	2.4	107	0.00
68	T	Hexachlorobenzene	40.000	40.749	-1.9	106	0.00
69	CM*	Pentachlorophenol	40.000	39.603	1.0	110	0.00
70	T	Phenanthrene	40.000	40.401	-1.0	106	0.00
71	T	Anthracene	40.000	40.292	-0.7	106	0.00
72	T	Carbazole	40.000	40.617	-1.5	105	0.00
73	T	Di-n-butylphthalate	40.000	42.012	-5.0	107	0.00
74	CT*	Fluoranthene	40.000	41.748	-4.4	106	0.00
75	I	Chrysene-d12	40.000	40.000	0.0	106	0.00
76	M	Pyrene	40.000	40.711	-1.8	108	0.00
77		Benzidine	40.000	39.896	0.3	101	0.00
78	S	Terphenyl-d14	40.000	39.587	1.0	107	0.00
79		3,3'-Dimethylbenzidine	40.000	40.719	-1.8	103	0.00
80	T	Butylbenzylphthalate	40.000	40.255	-0.6	106	0.00
81		bis(2-ethylhexyl)adipate	40.000	40.531	-1.3	108	0.00
82	T	3,3'-Dichlorobenzidine	40.000	40.115	-0.3	104	0.00
83	T	Benzo[a]anthracene	40.000	40.229	-0.6	106	0.00
84	T	Chrysene	40.000	39.785	0.5	103	0.00
85	T	bis(2-Ethylhexyl)phthalate	40.000	41.066	-2.7	107	0.00
86	I	Perylene-d12	40.000	40.000	0.0	110	0.00
87	CT*	Di-n-octylphthalate	40.000	38.875	2.8	107	0.00
88	T	Benzo[b]fluoranthene	40.000	40.742	-1.9	113	-0.01
89	T	Benzo[k]fluoranthene	40.000	38.063	4.8	103	-0.01
90	CT*	Benzo[a]pyrene	40.000	39.139	2.2	106	0.00
91	T	Indeno[1,2,3-cd]pyrene	40.000	39.487	1.3	106	0.00
92	T	Dibenz[a,h]anthracene	40.000	39.763	0.6	109	0.00
93	T	Benzo[g,h,i]perylene	40.000	39.214	2.0	109	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C2405 **Matrix:** Water **Department:** Metals **Instrument:** Varian ICP

110322A. All Data Report 3/23/2011, 14:05:08

Blank (Blk) **3/22/2011, 11:58:24 AM** **Rack 2, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.000000	mg/L	5.891	3.5	168.596
Ag 338.289	0.000000	mg/L	2.290	10575.7	0.021658
Al 237.312	0.000000	mg/L	0.886	2.3	38.2439
Al 257.509	0.000000	mg/L	1.873	10.5	17.7958
Al 308.215	0.000000	mg/L	26.851	2.0	1318.85
As 188.980	0.000000	mg/L	0.750	17.3	4.33673
As 193.696	0.000000	mg/L	0.591	37.9	1.55856
As 228.812	0.000000	mg/L	0.472	8.1	5.80557
B 182.577	0.000000	mg/L	0.261	8.4	3.11823
B 249.678	0.000000	mg/L	2.708	16.2	16.7674
B 249.772	0.000000	mg/L	3.076	9.8	31.2416
Ba 233.527	0.000000	mg/L	1.360	0.9	145.785
Ba 455.403	0.000000	mg/L	3.530	0.1	4321.60
Ba 493.408	0.000000	mg/L	13.479	0.5	2823.16
Be 234.861	0.000000	mg/L	0.485	55.1	-0.879640
Be 313.042	0.000000	mg/L	3.282	0.7	441.281
Be 313.107	0.000000	mg/L	3.502	33.9	10.3271
Ca 393.366	0.000000	mg/L	7.434	0.1	14613.7
Ca 396.847	0.000000	mg/L	8.504	0.0	24854.6
Ca 430.253	0.000000	mg/L	13.581	2.7	505.809
Cd 214.439	0.000000	mg/L	1.312	34.9	3.75810
Cd 226.502	0.000000	mg/L	1.528	10.1	15.1459
Cd 228.802	0.000000	mg/L	0.691	6.0	11.4837
Co 228.615	0.000000	mg/L	1.010	51.4	1.96534
Co 230.786	0.000000	mg/L	0.357	6.9	5.15861
Co 238.892	0.000000	mg/L	1.637	75.3	2.17431
Cr 205.560	0.000000	mg/L	0.720	25.0	2.87759
Cr 206.158	0.000000	mg/L	0.768	47.6	1.61399
Cr 267.716	0.000000	mg/L	0.703	4.3	16.3717
Cu 213.598	0.000000	mg/L	0.291	75.1	0.387885
Cu 324.754	0.000000	mg/L	19.293	3.9	498.759
Cu 327.395	0.000000	mg/L	5.934	55.7	10.6574
Fe 234.350	0.000000	mg/L	0.600	4.0	14.9558
Fe 238.204	0.000000	mg/L	0.737	4.6	16.0256
Fe 259.940	0.000000	mg/L	1.360	5.5	24.5667
Ga 287.423	0.000000	mg/L	2.590	47.0	5.51383
Ga 294.363	0.000000	mg/L	3.249	24.6	13.1893
Ga 417.204	0.000000	mg/L	9.309	24.3	38.2804
K 766.491	0.000000	mg/L	7.934	0.5	1517.13
K 769.897	0.000000	mg/L	31.764	0.6	5592.03
Li 610.365	0.000000n	mg/L	1.992	4.8	41.8380
Li 670.783	0.000000	mg/L	56.810	0.1	38783.1
Mg 279.078	0.000000	mg/L	2.154	24.4	8.83043
Mg 280.270	0.000000	mg/L	1.499	0.7	222.640
Mg 285.213	0.000000	mg/L	3.771	5.4	69.4477
Mn 257.610	0.000000n	mg/L	1.512	112.1	1.34939
Mn 259.372	0.000000	mg/L	2.385	17.5	13.6632
Mn 260.568	0.000000	mg/L	0.819	26.7	3.06204
Mo 202.032	0.000000	mg/L	2.733	34.3	7.97291
Mo 203.846	0.000000	mg/L	0.918	22.1	4.16426

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.000000	mg/L	0.880	30.7	2.86299
Na 568.821	0.000000	mg/L	18.263	21.9	83.5288
Na 588.995	0.000000	mg/L	468.443	0.4	109547
Na 589.592	0.000000	mg/L	81.107	0.2	49317.2
Ni 216.555	0.000000	mg/L	1.444	67.8	2.12986
Ni 221.648	0.000000	mg/L	0.192	7.5	2.55385
Ni 231.604	0.000000	mg/L	0.738	20.7	3.55820
P 177.434	0.000000	mg/L	0.492	21.0	2.34710
P 213.618	0.000000	mg/L	0.117	3.2	3.65390
P 214.914	0.000000	mg/L	1.199	60.3	1.98857
Pb 220.353	0.000000	mg/L	1.825	52.1	3.50396
Pb 261.417	0.000000	mg/L	2.302	53.7	4.28920
Pb 405.781	0.000000	mg/L	7.155	14.5	49.2514
Sb 206.834	0.000000	mg/L	1.133	25.4	4.45758
Sb 231.146	0.000000	mg/L	0.957	26.8	3.57064
Sb 259.804	0.000000	mg/L	1.959	42.3	4.62563
Se 196.026	0.000000	mg/L	0.500	13.8	3.63866
Se 203.985	0.000000	mg/L	0.730	47.2	1.54709
Si 250.690	0.000000	mg/L	2.791	5.4	51.9579
Si 251.611	0.000000	mg/L	1.742	3.2	54.6467
Si 288.158	0.000000	mg/L	9.498	1.0	904.564
Sn 189.927	0.000000	mg/L	0.726	32.8	2.21495
Sn 283.998	0.000000	mg/L	0.845	15.1	5.57649
Sr 216.596	0.000000	mg/L	2.486	18.5	13.4466
Sr 407.771	0.000000	mg/L	25.435	0.5	5479.19
Sr 421.552	0.000000	mg/L	14.299	0.4	3521.45
Ti 334.941	0.000000	mg/L	13.429	29.3	45.8934
Ti 336.122	0.000000	mg/L	5.439	17.0	31.9867
Ti 337.280	0.000000	mg/L	5.426	39.8	13.6215
Tl 190.794	0.000000	mg/L	0.220	10.0	2.20720
Tl 190.807	0.000000	mg/L	0.519	47.4	1.09381
Tl 351.923	0.000000	mg/L	2.347	22.5	10.4422
V 268.796	0.000000	mg/L	2.755	12.6	21.8329
V 292.401	0.000000	mg/L	2.545	18.2	13.9904
V 311.837	0.000000	mg/L	3.437	61.7	5.57434
Zn 202.548	0.000000	mg/L	2.478	0.8	317.343
Zn 206.200	0.000000	mg/L	1.243	1.2	106.200
Zn 213.857	0.000000	mg/L	0.670	0.1	807.389

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.600780	7201.53	38.967	0.5
Y 371.029	1.02089	166403	733.009	0.4

Standard 1 (Std) **3/22/2011, 12:02:37 PM** **Rack 2, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.001000	mg/L	0.972	1.1	86.5310
Be 313.042	0.001000	mg/L	5.988	0.3	1753.62
Be 313.107	0.001000	mg/L	6.811	1.0	664.472
Cd 214.439	0.000500	mg/L	0.844	11.2	7.56571
Cd 226.502	0.000500	mg/L	1.616	6.0	26.7112

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 228.802	0.000500	mg/L	0.860	5.1	16.9346
Cr 205.560	0.001000	mg/L	1.430	33.8	4.22708
Cr 206.158	0.001000	mg/L	0.557	19.8	2.81303
Cr 267.716	0.001000	mg/L	0.638	2.0	31.4058
Cu 213.598	0.001000	mg/L	0.937	33.8	2.77271
Cu 324.754	0.001000	mg/L	6.117	1.3	471.942
Cu 327.395	0.001000	mg/L	4.056	7.9	51.3592
K 766.491	0.010000	mg/L	9.833	0.5	2082.64
K 769.897	0.010000	mg/L	7.209	0.1	6044.46
Mg 279.078	0.010000	mg/L	2.151	10.1	21.2434
Mg 280.270	0.010000	mg/L	3.705	0.4	1029.51
Mg 285.213	0.010000	mg/L	5.147	1.4	364.794
Mo 202.032	0.002000	mg/L	1.428	9.4	15.1587
Mo 203.846	0.002000	mg/L	0.620	9.5	6.51450
Mo 204.598	0.002000	mg/L	0.406	8.0	5.06529

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.606075	7265.00	6.861	0.1
Y 371.029	1.02994	167879	291.561	0.2

Standard 2 (Std) **3/22/2011, 12:06:06 PM** **Rack 2, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.001000	mg/L	7.522	3.7	203.123
Ag 338.289	0.001000	mg/L	5.871	245.0	2.39673
Al 237.312	0.025000	mg/L	2.033	3.1	65.8609
Al 257.509	0.025000	mg/L	2.076	7.2	28.6818
Al 308.215	0.025000	mg/L	12.275	1.0	1290.60
As 188.980	0.005000	mg/L	0.401	7.2	5.53723
As 193.696	0.005000	mg/L	0.076	1.7	4.34712
As 228.812	0.005000	mg/L	3.482	29.4	11.8596
Ba 233.527	0.005000	mg/L	3.162	1.1	298.055
Ba 455.403	0.005000	mg/L	18.338	0.2	8886.25
Ba 493.408	0.005000	mg/L	16.070	0.3	5771.23
Be 234.861	0.005000	mg/L	3.770	0.8	444.029
Be 313.042	0.005000	mg/L	1.531	0.0	7055.12
Be 313.107	0.005000	mg/L	2.970	0.1	3316.32
Ca 393.366	0.050000	mg/L	1.723	0.0	78860.4
Ca 396.847	0.050000	mg/L	43.651	0.0	133376
Ca 430.253	0.050000	mg/L	27.500	3.8	732.028
Cd 214.439	0.002500	mg/L	1.856	6.3	29.4869
Cd 226.502	0.002500	mg/L	0.208	0.3	75.1676
Cd 228.802	0.002500	mg/L	1.022	2.7	38.2879
Co 228.615	0.005000	mg/L	0.539	2.0	27.3887
Co 230.786	0.005000	mg/L	1.385	5.2	26.6671
Co 238.892	0.005000	mg/L	0.774	3.2	23.8382
Cr 205.560	0.005000	mg/L	0.537	3.1	17.4622
Cr 206.158	0.005000	mg/L	0.900	12.1	7.46528
Cr 267.716	0.005000	mg/L	1.977	2.0	96.6755
Cu 213.598	0.005000	mg/L	1.053	9.9	10.6780
Cu 324.754	0.005000	mg/L	10.683	1.9	562.228

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cu 327.395	0.005000	mg/L	9.737	4.5	214.230
Fe 234.350	0.005000	mg/L	3.562	5.9	60.3584
Fe 238.204	0.005000	mg/L	6.734	6.0	112.593
Fe 259.940	0.005000	mg/L	7.066	6.3	111.896
Ga 287.423	0.005000	mg/L	1.888	12.1	15.6619
Ga 294.363	0.005000	mg/L	4.669	14.5	32.2933
Ga 417.204	0.005000	mg/L	5.820	7.5	77.7938
K 766.491	0.050000	mg/L	14.756	0.3	4370.87
K 769.897	0.050000	mg/L	44.067	0.6	7920.55
Li 610.365	0.010000n	mg/L	8.303	4.3	191.526
Li 670.783	0.010000	mg/L	70.579	0.1	63353.0
Mg 279.078	0.050000	mg/L	0.479	0.7	66.5188
Mg 280.270	0.050000	mg/L	22.027	0.5	4171.90
Mg 285.213	0.050000	mg/L	2.065	0.1	1485.61
Mn 257.610	0.005000n	mg/L	29.302	4.9	598.716
Mn 259.372	0.005000	mg/L	2.615	0.6	451.564
Mn 260.568	0.005000	mg/L	1.937	2.5	77.6812
Mo 202.032	0.010000	mg/L	0.859	2.3	36.5719
Mo 203.846	0.010000	mg/L	0.503	3.1	16.3605
Mo 204.598	0.010000	mg/L	0.749	4.6	16.3590
Ni 216.555	0.010000	mg/L	1.697	4.8	35.5480
Ni 221.648	0.010000	mg/L	0.045	0.3	14.5440
Ni 231.604	0.010000	mg/L	1.218	5.0	24.4430
Pb 220.353	0.010000	mg/L	2.057	16.7	12.2833
Pb 261.417	0.010000	mg/L	1.944	29.2	6.65429
Pb 405.781	0.010000	mg/L	16.412	30.0	54.7198
Sb 206.834	0.010000	mg/L	0.969	9.8	9.91904
Sb 231.146	0.010000	mg/L	2.130	31.6	6.74100
Sb 259.804	0.010000	mg/L	1.417	26.0	5.45469
Se 196.026	0.010000	mg/L	0.416	8.1	5.10844
Se 203.985	0.010000	mg/L	1.633	58.2	2.80473
Si 250.690	0.010000	mg/L	1.880	3.4	55.1064
Si 251.611	0.010000	mg/L	1.106	1.8	60.2252
Si 288.158	0.010000	mg/L	6.431	0.7	861.323
Sn 189.927	0.010000	mg/L	0.465	10.8	4.29788
Sn 283.998	0.010000	mg/L	1.937	11.3	17.2101
Sr 216.596	0.005000	mg/L	0.937	2.5	37.2797
Sr 407.771	0.005000	mg/L	137.716	0.8	18139.5
Sr 421.552	0.005000	mg/L	78.100	0.7	11885.2
Ti 334.941	0.005000	mg/L	17.551	1.6	1076.07
Ti 336.122	0.005000	mg/L	7.172	1.6	445.138
Ti 337.280	0.005000	mg/L	4.531	3.2	143.781
V 268.796	0.005000	mg/L	10.567	14.6	72.1933
V 292.401	0.005000	mg/L	2.334	1.7	135.298
V 311.837	0.005000	mg/L	2.719	1.8	147.770
Zn 202.548	0.005000	mg/L	1.863	0.5	344.824
Zn 206.200	0.005000	mg/L	0.920	0.8	114.861
Zn 213.857	0.005000	mg/L	2.918	0.3	862.663

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.605597	7259.27	2.767	0.0
Y 371.029	1.02897	167720	278.010	0.2

Standard 3 (Std) **3/22/2011, 12:09:41 PM** **Rack 2, Tube 4**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.004000	mg/L	12.299	3.8	320.821
Ag 338.289	0.004000	mg/L	4.406	59.0	7.46178
Al 237.312	0.100000	mg/L	2.430	1.6	147.712
Al 257.509	0.100000	mg/L	2.313	3.6	64.4004
Al 308.215	0.100000	mg/L	8.446	0.5	1638.85
As 188.980	0.020000	mg/L	0.312	4.2	7.36881
As 193.696	0.020000	mg/L	0.852	10.8	7.89947
As 228.812	0.020000	mg/L	13.003	47.5	27.3497
B 182.577	0.020000	mg/L	1.042	10.9	9.55782
B 249.678	0.020000	mg/L	2.091	1.2	173.016
B 249.772	0.020000	mg/L	2.714	0.9	317.062
Ba 233.527	0.020000	mg/L	4.055	0.5	746.998
Ba 455.403	0.020000	mg/L	24.690	0.1	22578.2
Ba 493.408	0.020000	mg/L	11.556	0.1	14634.5
Be 234.861	0.020000	mg/L	6.091	0.3	1778.50
Be 313.042	0.020000	mg/L	36.156	0.1	27479.1
Be 313.107	0.020000	mg/L	21.508	0.2	13341.9
Ca 393.366	0.200000	mg/L	218.269	0.1	258826
Ca 396.847	0.200000	mg/L	307.439	0.1	440078
Ca 430.253	0.200000	mg/L	14.355	1.2	1225.55
Cd 214.439	0.010000	mg/L	0.813	0.7	108.542
Cd 226.502	0.010000	mg/L	1.342	0.5	249.344
Cd 228.802	0.010000	mg/L	0.660	0.6	117.206
Co 228.615	0.020000	mg/L	0.803	0.7	119.770
Co 230.786	0.020000	mg/L	1.607	1.8	91.5647
Co 238.892	0.020000	mg/L	1.074	1.2	87.4466
Cr 205.560	0.020000	mg/L	1.269	2.1	60.6219
Cr 206.158	0.020000	mg/L	0.552	2.1	25.7870
Cr 267.716	0.020000	mg/L	2.097	0.6	342.965
Cu 213.598	0.020000	mg/L	1.316	3.1	43.0110
Cu 324.754	0.020000	mg/L	6.985	0.7	984.630
Cu 327.395	0.020000	mg/L	4.003	0.5	800.429
Fe 234.350	0.020000	mg/L	3.973	2.7	148.026
Fe 238.204	0.020000	mg/L	1.645	0.6	292.293
Fe 259.940	0.020000	mg/L	2.483	0.9	271.802
Ga 287.423	0.020000	mg/L	3.948	8.9	44.2666
Ga 294.363	0.020000	mg/L	1.331	1.2	106.623
Ga 417.204	0.020000	mg/L	11.863	6.6	178.870
K 766.491	0.200000	mg/L	15.295	0.1	13011.5
K 769.897	0.200000	mg/L	109.831	0.7	14680.2
Li 610.365	0.040000n	mg/L	7.427	0.8	952.983
Li 670.783	0.040000	mg/L	206.209	0.1	138222
Mg 279.078	0.200000	mg/L	2.509	1.1	224.786
Mg 280.270	0.200000	mg/L	3.210	0.0	15756.6
Mg 285.213	0.200000	mg/L	24.435	0.4	5674.50

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mn 257.610	0.020000n	mg/L	1.287	0.1	2289.35
Mn 259.372	0.020000	mg/L	7.570	0.4	1768.02
Mn 260.568	0.020000	mg/L	1.364	0.4	304.238
Mo 202.032	0.040000	mg/L	1.171	1.0	116.554
Mo 203.846	0.040000	mg/L	2.211	4.3	51.0825
Mo 204.598	0.040000	mg/L	2.661	4.7	57.1236
Ni 216.555	0.040000	mg/L	0.686	0.5	131.633
Ni 221.648	0.040000	mg/L	1.165	2.1	54.8214
Ni 231.604	0.040000	mg/L	1.228	1.3	95.3431
P 177.434	0.020000	mg/L	0.767	18.1	4.23848
P 213.618	0.020000	mg/L	1.361	14.7	9.23406
P 214.914	0.020000	mg/L	1.319	30.6	4.31213
Pb 220.353	0.040000	mg/L	1.051	3.5	30.4174
Pb 261.417	0.040000	mg/L	3.031	18.6	16.3069
Pb 405.781	0.040000	mg/L	5.179	5.7	90.1954
Sb 206.834	0.040000	mg/L	0.881	3.9	22.5661
Sb 231.146	0.040000	mg/L	2.053	11.0	18.6843
Sb 259.804	0.040000	mg/L	1.761	12.2	14.4000
Se 196.026	0.040000	mg/L	1.066	9.8	10.8850
Se 203.985	0.040000	mg/L	0.520	9.0	5.76518
Si 250.690	0.040000	mg/L	0.824	1.0	85.1357
Si 251.611	0.040000	mg/L	1.480	1.6	91.2455
Si 288.158	0.040000	mg/L	3.454	0.3	1021.68
Sn 189.927	0.040000	mg/L	0.609	6.1	10.0489
Sn 283.998	0.040000	mg/L	10.959	19.7	55.6888
Sr 216.596	0.020000	mg/L	2.823	2.5	112.436
Sr 407.771	0.020000	mg/L	162.564	0.3	55949.0
Sr 421.552	0.020000	mg/L	94.117	0.3	36900.2
Ti 334.941	0.020000	mg/L	45.290	1.1	4030.20
Ti 336.122	0.020000	mg/L	9.215	0.5	1715.40
Ti 337.280	0.020000	mg/L	2.918	0.5	566.390
Tl 190.794	0.020000	mg/L	0.845	13.0	6.51065
Tl 190.807	0.020000	mg/L	0.571	14.6	3.90129
Tl 351.923	0.020000	mg/L	4.505	11.4	39.3875
V 268.796	0.020000	mg/L	17.888	10.2	175.058
V 292.401	0.020000	mg/L	4.651	0.9	499.944
V 311.837	0.020000	mg/L	6.073	0.9	648.315
Zn 202.548	0.020000	mg/L	1.247	0.3	415.433
Zn 206.200	0.020000	mg/L	2.052	1.5	138.589
Zn 213.857	0.020000	mg/L	12.288	1.2	1033.33

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.607490	7281.96	10.904	0.1
Y 371.029	1.03381	168510	208.717	0.1

Standard 4 (Std) **3/22/2011, 12:13:21 PM** **Rack 2, Tube 5**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.020000	mg/L	4.155	0.4	1013.22
Ag 338.289	0.020000	mg/L	4.314	9.5	45.5228
Al 237.312	0.500000	mg/L	6.810	1.1	592.533

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Al 257.509	0.500000	mg/L	2.117	0.8	265.638
Al 308.215	0.500000	mg/L	31.232	0.9	3636.29
As 188.980	0.100000	mg/L	0.458	1.8	25.9610
As 193.696	0.100000	mg/L	0.156	0.5	29.8949
As 228.812	0.100000	mg/L	62.376	53.3	117.036
B 182.577	0.100000	mg/L	0.236	0.6	37.3454
B 249.678	0.100000	mg/L	11.544	1.4	802.807
B 249.772	0.100000	mg/L	16.054	1.1	1475.22
Ba 233.527	0.100000	mg/L	12.938	0.4	3168.82
Ba 455.403	0.100000	mg/L	67.373	0.1	94225.4
Ba 493.408	0.100000	mg/L	45.415	0.1	61871.3
Be 234.861	0.100000	mg/L	12.821	0.1	8915.77
Be 313.042	0.100000	mg/L	166.259	0.1	135117
Be 313.107	0.100000	mg/L	171.422	0.3	66813.6
Ca 393.366	1.00000	mg/L	2510.085	0.2	1166861
Ca 396.847	1.00000	mg/L	3805.146	0.2	1989826
Ca 430.253	1.00000	mg/L	15.645	0.4	3867.11
Cd 214.439	0.050000	mg/L	1.891	0.4	539.415
Cd 226.502	0.050000	mg/L	2.292	0.2	1212.65
Cd 228.802	0.050000	mg/L	4.046	0.8	537.835
Co 228.615	0.100000	mg/L	2.570	0.4	609.608
Co 230.786	0.100000	mg/L	3.140	0.7	446.042
Co 238.892	0.100000	mg/L	0.573	0.1	430.297
Cr 205.560	0.100000	mg/L	1.296	0.4	295.451
Cr 206.158	0.100000	mg/L	0.284	0.2	122.722
Cr 267.716	0.100000	mg/L	2.781	0.2	1671.69
Cu 213.598	0.100000	mg/L	2.081	0.9	227.277
Cu 324.754	0.100000	mg/L	6.090	0.2	3352.70
Cu 327.395	0.100000	mg/L	19.034	0.5	3992.10
Fe 234.350	0.100000	mg/L	22.884	3.4	681.384
Fe 238.204	0.100000	mg/L	32.146	2.3	1389.15
Fe 259.940	0.100000	mg/L	25.808	2.1	1243.43
Ga 287.423	0.100000	mg/L	9.304	4.9	188.937
Ga 294.363	0.100000	mg/L	2.174	0.4	516.676
Ga 417.204	0.100000	mg/L	45.787	5.8	787.182
K 766.491	1.00000	mg/L	71.620	0.1	58864.8
K 769.897	1.00000	mg/L	51.802	0.1	50953.3
Li 610.365	0.200000n	mg/L	10.886	0.2	6337.87
Li 670.783	0.200000	mg/L	149.784	0.0	519460
Mg 279.078	1.00000	mg/L	5.269	0.5	1095.10
Mg 280.270	1.00000	mg/L	823.041	1.0	78455.1
Mg 285.213	1.00000	mg/L	104.801	0.4	28377.4
Mn 257.610	0.100000n	mg/L	102.859	0.9	11182.6
Mn 259.372	0.100000	mg/L	89.554	1.0	8552.09
Mn 260.568	0.100000	mg/L	4.974	0.3	1506.77
Mo 202.032	0.200000	mg/L	2.347	0.4	563.662
Mo 203.846	0.200000	mg/L	1.462	0.6	240.618
Mo 204.598	0.200000	mg/L	1.940	0.7	279.648
Na 568.821	1.00000	mg/L	23.842	9.5	251.647
Na 588.995	1.00000	mg/L	834.247	0.1	566090
Na 589.592	1.00000	mg/L	260.065	0.1	279652

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ni 216.555	0.200000	mg/L	2.673	0.4	651.631
Ni 221.648	0.200000	mg/L	2.047	0.8	262.536
Ni 231.604	0.200000	mg/L	0.577	0.1	464.361
P 177.434	0.100000	mg/L	0.656	5.7	11.5574
P 213.618	0.100000	mg/L	1.787	4.2	42.7040
P 214.914	0.100000	mg/L	1.268	9.7	13.0551
Pb 220.353	0.200000	mg/L	0.667	0.5	142.886
Pb 261.417	0.200000	mg/L	3.800	4.6	82.4360
Pb 405.781	0.200000	mg/L	7.486	2.9	257.952
Sb 206.834	0.200000	mg/L	1.535	1.5	101.619
Sb 231.146	0.200000	mg/L	0.777	0.9	83.3590
Sb 259.804	0.200000	mg/L	2.896	4.3	67.1838
Se 196.026	0.200000	mg/L	0.101	0.2	40.9397
Se 203.985	0.200000	mg/L	1.019	4.5	22.7313
Si 250.690	0.200000	mg/L	2.073	0.8	251.352
Si 251.611	0.200000	mg/L	6.327	2.3	276.237
Si 288.158	0.200000	mg/L	5.354	0.3	1977.14
Sn 189.927	0.200000	mg/L	1.218	2.8	43.5578
Sn 283.998	0.200000	mg/L	54.301	21.3	254.484
Sr 216.596	0.100000	mg/L	3.790	0.7	518.017
Sr 407.771	0.100000	mg/L	2040.978	0.8	257643
Sr 421.552	0.100000	mg/L	1328.545	0.8	170488
Ti 334.941	0.100000	mg/L	69.609	0.3	20212.9
Ti 336.122	0.100000	mg/L	25.695	0.3	8524.64
Ti 337.280	0.100000	mg/L	6.843	0.2	2855.44
Tl 190.794	0.100000	mg/L	0.952	3.6	26.4097
Tl 190.807	0.100000	mg/L	0.871	6.4	13.6358
Tl 351.923	0.100000	mg/L	3.469	2.3	152.526
V 268.796	0.100000	mg/L	131.781	17.1	771.182
V 292.401	0.100000	mg/L	5.425	0.2	2458.91
V 311.837	0.100000	mg/L	7.477	0.2	3404.06
Zn 202.548	0.100000	mg/L	8.200	1.1	773.473
Zn 206.200	0.100000	mg/L	1.358	0.5	258.810
Zn 213.857	0.100000	mg/L	23.186	1.2	1953.72

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.605847	7262.27	10.069	0.1
Y 371.029	1.02875	167684	183.644	0.1

Standard 5 (Std) **3/22/2011, 12:17:07 PM** **Rack 2, Tube 6**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.100000	mg/L	11.147	0.2	4466.81
Ag 338.289	0.100000	mg/L	4.943	1.9	264.343
Al 237.312	2.50000	mg/L	10.689	0.4	2822.95
Al 257.509	2.50000	mg/L	5.107	0.4	1262.00
Al 308.215	2.50000	mg/L	131.055	1.0	13733.0
As 188.980	0.500000	mg/L	1.908	1.6	118.383
As 193.696	0.500000	mg/L	0.609	0.4	145.363
As 228.812	0.500000	mg/L	316.723	56.3	562.570
B 182.577	0.500000	mg/L	1.581	0.9	176.295

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
B 249.678	0.500000	mg/L	46.365	1.2	3915.36
B 249.772	0.500000	mg/L	121.052	1.7	7113.77
Ba 233.527	0.500000	mg/L	32.426	0.2	15419.8
Ba 455.403	0.500000	mg/L	975.738	0.2	450329
Ba 493.408	0.500000	mg/L	454.089	0.2	298934
Be 234.861	0.500000	mg/L	110.813	0.2	45587.8
Be 313.042	0.500000	mg/L	8464.826	1.3	671430
Be 313.107	0.500000	mg/L	4281.672	1.3	334836
Ca 393.366	5.00000	mg/L	8782.076	0.2	5232222
Ca 396.847	5.00000	mg/L	12650.088	0.1	9213539
Ca 430.253	5.00000	mg/L	49.744	0.3	17191.3
Cd 214.439	0.250000	mg/L	10.659	0.4	2758.44
Cd 226.502	0.250000	mg/L	10.129	0.2	6136.07
Cd 228.802	0.250000	mg/L	5.732	0.2	2730.01
Co 228.615	0.500000	mg/L	9.719	0.3	3156.44
Co 230.786	0.500000	mg/L	7.646	0.3	2242.30
Co 238.892	0.500000	mg/L	4.392	0.2	2172.49
Cr 205.560	0.500000	mg/L	9.339	0.6	1496.88
Cr 206.158	0.500000	mg/L	1.298	0.2	619.652
Cr 267.716	0.500000	mg/L	37.966	0.5	8295.71
Cu 213.598	0.500000	mg/L	7.756	0.7	1172.85
Cu 324.754	0.500000	mg/L	28.625	0.2	15268.2
Cu 327.395	0.500000	mg/L	22.692	0.1	19906.2
Fe 234.350	0.500000	mg/L	124.036	3.7	3375.34
Fe 238.204	0.500000	mg/L	187.446	2.7	6854.47
Fe 259.940	0.500000	mg/L	152.339	2.5	6168.95
Ga 287.423	0.500000	mg/L	17.659	1.9	936.802
Ga 294.363	0.500000	mg/L	9.299	0.4	2571.94
Ga 417.204	0.500000	mg/L	224.245	5.9	3809.96
K 766.491	5.00000	mg/L	522.555	0.2	285988
K 769.897	5.00000	mg/L	390.906	0.2	235122
Li 610.365	1.00000n	mg/L	57.155	0.2	35268.0
Li 670.783	1.00000	mg/L	3965.786	0.2	2496797
Mg 279.078	5.00000	mg/L	19.908	0.4	5550.39
Mg 280.270	5.00000	mg/L	1366.752	0.3	393222
Mg 285.213	5.00000	mg/L	777.225	0.5	145001
Mn 257.610	0.500000n	mg/L	786.733	1.4	56367.3
Mn 259.372	0.500000	mg/L	596.194	1.4	43238.9
Mn 260.568	0.500000	mg/L	37.408	0.5	7588.74
Mo 202.032	1.00000	mg/L	26.599	0.9	2963.68
Mo 203.846	1.00000	mg/L	14.881	1.2	1258.16
Mo 204.598	1.00000	mg/L	22.343	1.5	1458.73
Na 568.821	5.00000	mg/L	6.057	0.6	1064.72
Na 588.995	5.00000	mg/L	1736.217	0.1	2399368
Na 589.592	5.00000	mg/L	1096.079	0.1	1198691
Ni 216.555	1.00000	mg/L	3.881	0.1	3320.33
Ni 221.648	1.00000	mg/L	3.614	0.3	1335.32
Ni 231.604	1.00000	mg/L	6.345	0.3	2360.58
P 177.434	0.500000	mg/L	0.286	0.5	54.9815
P 213.618	0.500000	mg/L	3.045	1.4	215.268
P 214.914	0.500000	mg/L	1.620	2.7	59.2347

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Pb 220.353	1.00000	mg/L	1.590	0.2	723.302
Pb 261.417	1.00000	mg/L	3.749	0.9	415.959
Pb 405.781	1.00000	mg/L	6.411	0.6	1160.66
Sb 206.834	1.00000	mg/L	4.954	1.2	409.332
Sb 231.146	1.00000	mg/L	3.971	1.2	336.244
Sb 259.804	1.00000	mg/L	7.155	2.7	268.213
Se 196.026	1.00000	mg/L	3.867	1.9	199.266
Se 203.985	1.00000	mg/L	4.129	3.6	115.490
Si 250.690	1.00000	mg/L	10.561	1.0	1099.29
Si 251.611	1.00000	mg/L	30.065	2.5	1200.31
Si 288.158	1.00000	mg/L	46.187	0.7	6728.18
Sn 189.927	1.00000	mg/L	0.280	0.1	210.360
Sn 283.998	1.00000	mg/L	282.022	22.3	1265.05
Sr 216.596	0.500000	mg/L	19.152	0.7	2607.97
Sr 407.771	0.500000	mg/L	9829.624	0.8	1245519
Sr 421.552	0.500000	mg/L	9953.628	1.2	821618
Ti 334.941	0.500000	mg/L	529.837	0.5	100180
Ti 336.122	0.500000	mg/L	138.384	0.3	42843.2
Ti 337.280	0.500000	mg/L	65.263	0.5	14438.2
Tl 190.794	0.500000	mg/L	1.138	0.9	130.946
Tl 190.807	0.500000	mg/L	0.843	1.3	66.1651
Tl 351.923	0.500000	mg/L	9.374	1.2	761.648
V 268.796	0.500000	mg/L	742.791	19.6	3794.67
V 292.401	0.500000	mg/L	66.944	0.5	12326.3
V 311.837	0.500000	mg/L	45.343	0.3	17803.3
Zn 202.548	0.500000	mg/L	20.693	0.8	2669.01
Zn 206.200	0.500000	mg/L	4.733	0.5	890.309
Zn 213.857	0.500000	mg/L	74.882	1.1	6697.60

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.611787	7333.47	18.724	0.3
Y 371.029	1.03605	168874	364.395	0.2

Standard 6 (Std) **3/22/2011, 12:21:06 PM** **Rack 2, Tube 7**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.400000	mg/L	65.647	0.4	18131.2
Ag 338.289	0.400000	mg/L	19.866	1.8	1099.45
Al 237.312	10.0000	mg/L	39.015	0.4	11024.9
Al 257.509	10.0000	mg/L	15.307	0.3	4979.49
Al 308.215	10.0000	mg/L	511.645	1.0	51388.3
As 188.980	2.00000	mg/L	3.849	0.8	462.024
As 193.696	2.00000	mg/L	2.290	0.4	580.974
As 228.812	2.00000	mg/L	1186.611	55.6	2134.36
B 182.577	2.00000	mg/L	3.569	0.5	697.300
B 249.678	2.00000	mg/L	78.860	0.5	15548.0
B 249.772	2.00000	mg/L	143.210	0.5	28747.6
Ba 233.527	2.00000	mg/L	260.118	0.4	61133.8
Ba 455.403	2.00000	mg/L	4816.377	0.3	1775166
Ba 493.408	2.00000	mg/L	2050.276	0.2	1142350
Be 234.861	2.00000	mg/L	199.979	0.1	183929

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 313.042	2.00000	mg/L	13423.881	0.5	2701741
Be 313.107	2.00000	mg/L	6843.942	0.5	1347794
Ca 393.366	20.0000	mg/L	52213.535	0.3	16884780
Ca 396.847	20.0000o	mg/L	427866.469	1.3	32449604
Ca 430.253	20.0000	mg/L	151.452	0.2	67135.9
Cd 214.439	1.00000	mg/L	63.318	0.6	10858.8
Cd 226.502	1.00000	mg/L	54.551	0.2	24180.3
Cd 228.802	1.00000	mg/L	48.682	0.5	10706.1
Co 228.615	2.00000	mg/L	58.607	0.5	12375.3
Co 230.786	2.00000	mg/L	24.059	0.3	8789.22
Co 238.892	2.00000	mg/L	16.329	0.2	8558.58
Cr 205.560	2.00000	mg/L	25.242	0.4	5965.19
Cr 206.158	2.00000	mg/L	18.132	0.7	2460.09
Cr 267.716	2.00000	mg/L	150.163	0.5	33349.5
Cu 213.598	2.00000	mg/L	32.081	0.7	4703.84
Cu 324.754	2.00000	mg/L	179.527	0.3	59552.7
Cu 327.395	2.00000	mg/L	423.456	0.5	77845.6
Fe 234.350	2.00000	mg/L	492.116	3.7	13300.3
Fe 238.204	2.00000	mg/L	746.990	2.7	27429.7
Fe 259.940	2.00000	mg/L	617.112	2.6	24189.8
Ga 287.423	2.00000	mg/L	64.731	1.7	3726.05
Ga 294.363	2.00000	mg/L	43.354	0.4	10118.1
Ga 417.204	2.00000	mg/L	893.555	5.9	15175.6
K 766.491	20.0000	mg/L	2878.815	0.3	1047543
K 769.897	20.0000	mg/L	2154.102	0.2	901227
Li 610.365	4.00000n	mg/L	413.989	0.3	148618
Li 670.783	4.00000	mg/L	25127.248	0.3	9112769
Mg 279.078	20.0000	mg/L	100.430	0.5	22167.9
Mg 280.270	20.0000	mg/L	8571.773	0.6	1447827
Mg 285.213	20.0000	mg/L	4603.604	0.8	569690
Mn 257.610	2.00000n	mg/L	3384.705	1.5	224133
Mn 259.372	2.00000	mg/L	2555.298	1.5	172091
Mn 260.568	2.00000	mg/L	213.785	0.7	30178.1
Mo 202.032	4.00000	mg/L	128.613	1.1	12037.6
Mo 203.846	4.00000	mg/L	81.358	1.6	5201.29
Mo 204.598	4.00000	mg/L	84.127	1.4	6048.66
Na 568.821	20.0000	mg/L	26.322	0.6	4287.78
Na 588.995	20.0000	mg/L	23919.000	0.3	8129279
Na 589.592	20.0000	mg/L	13448.102	0.3	4389837
Ni 216.555	4.00000	mg/L	46.540	0.4	13131.6
Ni 221.648	4.00000	mg/L	14.132	0.3	5319.73
Ni 231.604	4.00000	mg/L	41.917	0.5	9240.15
P 177.434	2.00000	mg/L	1.687	0.8	215.859
P 213.618	2.00000	mg/L	12.058	1.4	849.617
P 214.914	2.00000	mg/L	5.799	2.6	226.940
Pb 220.353	4.00000	mg/L	10.145	0.4	2871.80
Pb 261.417	4.00000	mg/L	7.964	0.5	1654.23
Pb 405.781	4.00000	mg/L	18.518	0.4	4436.54
Sb 206.834	4.00000	mg/L	21.537	1.1	1987.42
Sb 231.146	4.00000	mg/L	16.705	1.0	1612.76
Sb 259.804	4.00000	mg/L	3.037	0.2	1272.16

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Se 196.026	4.00000	mg/L	6.600	0.8	797.613
Se 203.985	4.00000	mg/L	14.655	3.1	470.730
Si 250.690	4.00000	mg/L	40.315	1.0	4205.82
Si 251.611	4.00000	mg/L	118.986	2.6	4610.26
Si 288.158	4.00000	mg/L	106.169	0.4	24421.2
Sn 189.927	4.00000	mg/L	10.707	1.3	842.731
Sn 283.998	4.00000	mg/L	1120.275	22.3	5030.44
Sr 216.596	2.00000	mg/L	89.423	0.9	10293.9
Sr 407.771	2.00000	mg/L	35980.199	0.7	4827210
Sr 421.552	2.00000	mg/L	37778.242	1.2	3223077
Ti 334.941	2.00000	mg/L	577.774	0.1	401686
Ti 336.122	2.00000	mg/L	284.769	0.2	169632
Ti 337.280	2.00000	mg/L	132.604	0.2	57729.9
Tl 190.794	2.00000	mg/L	3.508	0.7	516.478
Tl 190.807	2.00000	mg/L	3.484	1.3	260.348
Tl 351.923	2.00000	mg/L	9.730	0.3	3010.48
V 268.796	2.00000	mg/L	3070.949	20.5	14947.1
V 292.401	2.00000	mg/L	236.759	0.5	49130.0
V 311.837	2.00000	mg/L	263.825	0.4	70020.5
Zn 202.548	2.00000	mg/L	79.545	0.8	9514.57
Zn 206.200	2.00000	mg/L	19.834	0.6	3201.20
Zn 213.857	2.00000	mg/L	313.857	1.3	24167.5

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.605863	7262.46	17.124	0.2
Y 371.029	1.02178	166548	846.664	0.5

Standard 7 (Std) **3/22/2011, 12:25:20 PM** **Rack 2, Tube 8**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ca 393.366	100.000o	mg/L	579125.563	1.6	36566908
Ca 396.847	100.000o	mg/L	472737.063	1.2	38543440
Ca 430.253	100.000	mg/L	743.097	0.2	358319
Mg 279.078	100.000	mg/L	559.961	0.5	110317
Mg 280.270	100.000	mg/L	108176.883	2.2	5017663
Mg 285.213	100.000	mg/L	13419.551	0.5	2554667
Na 568.821	100.000	mg/L	107.860	0.5	23797.8
Na 588.995	100.000o	mg/L	130028.133	0.5	28798410
Na 589.592	100.000	mg/L	53560.180	0.3	20420704

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.580931	6963.61	4.050	0.1
Y 371.029	0.996891	162492	687.072	0.4

Ag 328.068 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999946

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		168.596	0.000000	0.000460	-	-
Standard 2		203.123	0.001000	0.001251	0.000251	25.1
Standard 3		320.821	0.004000	0.003946	-0.000054	-1.3
Standard 4		1013.22	0.020000	0.019805	-0.000195	-1.0
Standard 5		4466.81	0.100000	0.098907	-0.001093	-1.1
Standard 6		18131.2	0.400000	0.411878	0.011878	3.0

Curve Type: Linear Equation: y = 43660.2 x + 148.5

Ag 338.289 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999941

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.021658	0.000000	0.000835	-	-
Standard 2		2.39673	0.001000	0.001714	0.000714	71.4
Standard 3		7.46178	0.004000	0.003589	-0.000411	-10.3
Standard 4		45.5228	0.020000	0.017679	-0.002321	-11.6
Standard 5		264.343	0.100000	0.098685	-0.001315	-1.3
Standard 6		1099.45	0.400000	0.407835	0.007835	2.0

Curve Type: Linear Equation: y = 2701.3 x + -2.2

Al 237.312 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		38.2439	0.000000	0.000011	-	-
Standard 2		65.8609	0.025000	0.024991	-0.000009	0.0
Standard 3		147.712	0.100000	0.099026	-0.000974	-1.0
Standard 4		592.533	0.500000	0.501373	0.001373	0.3
Standard 5		2822.95	2.50000	2.51882	0.018819	0.8
Standard 6		11024.9	10.0000	9.93759	-0.062409	-0.6

Curve Type: Linear Equation: y = 1105.6 x + 38.2

Al 257.509 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.7958	0.000000	0.002155	-	-
Standard 2		28.6818	0.025000	0.024061	-0.000939	-3.8
Standard 3		64.4004	0.100000	0.095937	-0.004063	-4.1
Standard 4		265.638	0.500000	0.500883	0.000883	0.2
Standard 5		1262.00	2.50000	2.50584	0.005842	0.2
Standard 6		4979.49	10.0000	9.98648	-0.013520	-0.1

Curve Type: Linear Equation: y = 496.9 x + 16.7

Al 308.215 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1318.85	0.000000	0.032048	-	-
Standard 2		1290.60	0.025000	0.026378	0.001378	5.5
Standard 3		1638.85	0.100000	0.096268	-0.003732	-3.7
Standard 4		3636.29	0.500000	0.497129	-0.002871	-0.6
Standard 5		13733.0	2.50000	2.52340	0.023400	0.9
Standard 6		51388.3	10.0000	10.0803	0.080344	0.8

Curve Type: Linear Equation: y = 4982.9 x + 1159.2

As 188.980 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999993

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.33673	0.000000	0.004021	-	-
Standard 2		5.53723	0.005000	0.009270	0.004270	85.4
Standard 3		7.36881	0.020000	0.017279	-0.002721	-13.6
Standard 4		25.9610	0.100000	0.098580	-0.001420	-1.4
Standard 5		118.383	0.500000	0.502725	0.002725	0.5
Standard 6		462.024	2.00000	2.00541	0.005414	0.3

Curve Type: Linear Equation: y = 228.7 x + 3.4

As 193.696 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999993

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.55856	0.000000	-0.003830	-	-
Standard 2		4.34712	0.005000	0.005981	0.000981	19.6
Standard 3		7.89947	0.020000	0.018481	-0.001519	-7.6
Standard 4		29.8949	0.100000	0.095873	-0.004127	-4.1
Standard 5		145.363	0.500000	0.502154	0.002154	0.4
Standard 6		580.974	2.00000	2.03488	0.034877	1.7

Curve Type: Linear Equation: y = 284.2 x + 2.6

As 228.812 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999932

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.80557	0.000000	-0.000007	-	-
Standard 2		11.8596	0.005000	0.005443	0.000443	8.9
Standard 3		27.3497	0.020000	0.019387	-0.000613	-3.1
Standard 4		117.036	0.100000	0.100123	0.000123	0.1
Standard 5		562.570	0.500000	0.501196	0.001196	0.2
Standard 6		2134.36	2.00000	1.91613	-0.083871	-4.2

Curve Type: Linear Equation: y = 1110.9 x + 5.8

B 182.577 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.11823	0.000000	0.000640	-	-
Standard 3		9.55782	0.020000	0.019236	-0.000764	-3.8
Standard 4		37.3454	0.100000	0.099476	-0.000524	-0.5
Standard 5		176.295	0.500000	0.500709	0.000709	0.1
Standard 6		697.300	2.00000	2.00518	0.005176	0.3

Curve Type: Linear Equation: y = 346.3 x + 2.9

B 249.678 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.7674	0.000000	-0.000075	-	-
Standard 3		173.016	0.020000	0.020013	0.000013	0.1
Standard 4		802.807	0.100000	0.100982	0.000982	1.0
Standard 5		3915.36	0.500000	0.501147	0.001147	0.2
Standard 6		15548.0	2.00000	1.99670	-0.003301	-0.2

Curve Type: Linear Equation: y = 7778.2 x + 17.4

B 249.772 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999993**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		31.2416	0.000000	0.000039	-	-
Standard 3		317.062	0.020000	0.019954	-0.000046	-0.2
Standard 4		1475.22	0.100000	0.100652	0.000652	0.7
Standard 5		7113.77	0.500000	0.493537	-0.006463	-1.3
Standard 6		28747.6	2.00000	2.00094	0.000943	0.0

Curve Type: Linear Equation: y = 14351.7 x + 30.7

Ba 233.527 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		145.785	0.000000	0.000028	-	-
Standard 2		298.055	0.005000	0.005026	0.000026	0.5
Standard 3		746.998	0.020000	0.019762	-0.000238	-1.2
Standard 4		3168.82	0.100000	0.099258	-0.000742	-0.7
Standard 5		15419.8	0.500000	0.501392	0.001392	0.3
Standard 6		61133.8	2.00000	2.00194	0.001945	0.1

Curve Type: Linear Equation: y = 30464.8 x + 144.9

Ba 455.403 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4321.60	0.000000	-0.000007	-	-
Standard 2		8886.25	0.005000	0.005061	0.000061	1.2
Standard 3		22578.2	0.020000	0.020263	0.000263	1.3
Standard 4		94225.4	0.100000	0.099813	-0.000187	-0.2
Standard 5		450329	0.500000	0.495197	-0.004803	-1.0
Standard 6		1775166	2.00000	1.96617	-0.033832	-1.7

Curve Type: Linear Equation: y = 900654.5 x + 4328.0

Ba 493.408 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999951

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2823.16	0.000000	-0.000050	-	-
Standard 2		5771.23	0.005000	0.004963	-0.000037	-0.7
Standard 3		14634.5	0.020000	0.020033	0.000033	0.2
Standard 4		61871.3	0.100000	0.100353	0.000353	0.4
Standard 5		298934	0.500000	0.503444	0.003444	0.7
Standard 6		1142350	2.00000	1.93756	-0.062443	-3.1

Curve Type: Linear Equation: y = 588110.5 x + 2852.7

Be 234.861 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-0.879640	0.000000	0.000013	-	-
Standard 1		86.5310	0.001000	0.000975	-0.000025	-2.5
Standard 2		444.029	0.005000	0.004912	-0.000088	-1.8
Standard 3		1778.50	0.020000	0.019608	-0.000392	-2.0
Standard 4		8915.77	0.100000	0.098206	-0.001794	-1.8
Standard 5		45587.8	0.500000	0.502052	0.002052	0.4
Standard 6		183929	2.00000	2.02552	0.025523	1.3

Curve Type: Linear Equation: y = 90806.8 x + -2.0

Be 313.042 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		441.281	0.000000	0.000018	-	-
Standard 1		1753.62	0.001000	0.001006	0.000006	0.6
Standard 2		7055.12	0.005000	0.004995	-0.000005	-0.1
Standard 3		27479.1	0.020000	0.020362	0.000362	1.8
Standard 4		135117	0.100000	0.101352	0.001352	1.4
Standard 5		671430	0.500000	0.504888	0.004888	1.0
Standard 6		2701741	2.00000	2.03255	0.032549	1.6

Curve Type: Linear Equation: y = 1329033.3 x + 416.8

Be 313.107 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.3271	0.000000	0.000014	-	-
Standard 1		664.472	0.001000	0.000998	-0.000002	-0.2
Standard 2		3316.32	0.005000	0.004989	-0.000011	-0.2
Standard 3		13341.9	0.020000	0.020075	0.000075	0.4
Standard 4		66813.6	0.100000	0.100540	0.000540	0.5
Standard 5		334836	0.500000	0.503864	0.003864	0.8
Standard 6		1347794	2.00000	2.02818	0.028177	1.4

Curve Type: Linear Equation: y = 664534.0 x + 1.1

Ca 393.366 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.998255

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14613.7	0.000000	-0.000170	-	-
Standard 2		78860.4	0.050000	0.050010	0.000010	0.0
Standard 3		258826	0.200000	0.190572	-0.009428	-4.7
Standard 4		1166861	1.00000	0.899796	-0.100204	-10.0
Standard 5		5232222	5.00000	4.07506	-0.924940	-18.5
Standard 6		16884780	20.0000	13.1763	-6.82367	-34.1

Curve Type: Linear Equation: y = 1280322.4 x + 14831.7

Ca 396.847 Calibration (mg/L) 3/22/2011, 12:17:07 PM Correlation Coefficient: 0.999911

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24854.6	0.000000	-0.000045	-	-
Standard 2		133376	0.050000	0.051267	0.001267	2.5
Standard 3		440078	0.200000	0.196283	-0.003717	-1.9
Standard 4		1989826	1.00000	0.929041	-0.070959	-7.1
Standard 5		9213539	5.00000	4.34459	-0.655412	-13.1

Curve Type: Linear Equation: y = 2114950.8 x + 24948.9

Ca 430.253 Calibration (mg/L) 3/22/2011, 12:25:20 PM Correlation Coefficient: 0.999904

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		505.809	0.000000	0.005041	-	-
Standard 2		732.028	0.050000	0.071024	0.021024	42.0
Standard 3		1225.55	0.200000	0.214972	0.014972	7.5
Standard 4		3867.11	1.00000	0.985449	-0.014551	-1.5
Standard 5		17191.3	5.00000	4.87178	-0.128220	-2.6
Standard 6		67135.9	20.0000	19.4394	-0.560623	-2.8
Standard 7		358319	100.000	104.370	4.37028	4.4

Curve Type: Linear Equation: y = 3428.5 x + 488.5

Cd 214.439 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999992

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.75810	0.000000	0.000233	-	-
Standard 1		7.56571	0.000500	0.000583	0.000083	16.6
Standard 2		29.4869	0.002500	0.002601	0.000101	4.0
Standard 3		108.542	0.010000	0.009878	-0.000122	-1.2
Standard 4		539.415	0.050000	0.049538	-0.000462	-0.9
Standard 5		2758.44	0.250000	0.253789	0.003789	1.5
Standard 6		10858.8	1.00000	0.999393	-0.000607	-0.1

Curve Type: Linear Equation: y = 10864.2 x + 1.2

Cd 226.502 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		15.1459	0.000000	0.000031	-	-
Standard 1		26.7112	0.000500	0.000509	0.000009	1.7
Standard 2		75.1676	0.002500	0.002510	0.000010	0.4
Standard 3		249.344	0.010000	0.009702	-0.000298	-3.0
Standard 4		1212.65	0.050000	0.049479	-0.000521	-1.0
Standard 5		6136.07	0.250000	0.252780	0.002780	1.1
Standard 6		24180.3	1.00000	0.997874	-0.002126	-0.2

Curve Type: Linear Equation: y = 24217.4 x + 14.4

Cd 228.802 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999990

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		11.4837	0.000000	0.000084	-	-
Standard 1		16.9346	0.000500	0.000588	0.000088	17.6
Standard 2		38.2879	0.002500	0.002563	0.000063	2.5
Standard 3		117.206	0.010000	0.009861	-0.000139	-1.4
Standard 4		537.835	0.050000	0.048761	-0.001239	-2.5
Standard 5		2730.01	0.250000	0.251493	0.001493	0.6
Standard 6		10706.1	1.00000	0.989123	-0.010877	-1.1

Curve Type: Linear Equation: y = 10813.2 x + 10.6

Co 228.615 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999985

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.96534	0.000000	0.000836	-	-
Standard 2		27.3887	0.005000	0.004919	-0.000081	-1.6
Standard 3		119.770	0.020000	0.019757	-0.000243	-1.2
Standard 4		609.608	0.100000	0.098430	-0.001570	-1.6
Standard 5		3156.44	0.500000	0.507483	0.007483	1.5
Standard 6		12375.3	2.00000	1.98815	-0.011853	-0.6

Curve Type: Linear Equation: y = 6226.2 x + -3.2

Co 230.786 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.15861	0.000000	0.000022	-	-
Standard 2		26.6671	0.005000	0.004887	-0.000113	-2.3
Standard 3		91.5647	0.020000	0.019566	-0.000434	-2.2
Standard 4		446.042	0.100000	0.099744	-0.000256	-0.3
Standard 5		2242.30	0.500000	0.506036	0.006036	1.2
Standard 6		8789.22	2.00000	1.98687	-0.013131	-0.7

Curve Type: Linear Equation: y = 4421.1 x + 5.1

Co 238.892 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999993

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.17431	0.000000	0.000174	-	-
Standard 2		23.8382	0.005000	0.005214	0.000214	4.3
Standard 3		87.4466	0.020000	0.020014	0.000014	0.1
Standard 4		430.297	0.100000	0.099781	-0.000219	-0.2
Standard 5		2172.49	0.500000	0.505121	0.005121	1.0
Standard 6		8558.58	2.00000	1.99092	-0.009084	-0.5

Curve Type: Linear Equation: y = 4298.1 x + 1.4

Cr 205.560 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.87759	0.000000	0.000217	-	-
Standard 1		4.22708	0.001000	0.000672	-0.000328	-32.8
Standard 2		17.4622	0.005000	0.005139	0.000139	2.8
Standard 3		60.6219	0.020000	0.019704	-0.000296	-1.5
Standard 4		295.451	0.100000	0.098951	-0.001049	-1.0
Standard 5		1496.88	0.500000	0.504399	0.004399	0.9
Standard 6		5965.19	2.00000	2.01232	0.012320	0.6

Curve Type: Linear Equation: y = 2963.2 x + 2.2

Cr 206.158 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.61399	0.000000	0.000926	-	-
Standard 1		2.81303	0.001000	0.001900	0.000900	90.0
Standard 2		7.46528	0.005000	0.005679	0.000679	13.6
Standard 3		25.7870	0.020000	0.020559	0.000559	2.8
Standard 4		122.722	0.100000	0.099288	-0.000712	-0.7
Standard 5		619.652	0.500000	0.502886	0.002886	0.6
Standard 6		2460.09	2.00000	1.99766	-0.002344	-0.1

Curve Type: Linear Equation: y = 1231.3 x + 0.5

Cr 267.716 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.3717	0.000000	0.000066	-	-
Standard 1		31.4058	0.001000	0.000974	-0.000026	-2.6
Standard 2		96.6755	0.005000	0.004914	-0.000086	-1.7
Standard 3		342.965	0.020000	0.019784	-0.000216	-1.1
Standard 4		1671.69	0.100000	0.100005	0.000005	0.0
Standard 5		8295.71	0.500000	0.499927	-0.000073	0.0
Standard 6		33349.5	2.00000	2.01254	0.012540	0.6

Curve Type: Linear Equation: y = 16563.3 x + 15.3

Cu 213.598 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.387885	0.000000	0.000134	-	-
Standard 1		2.77271	0.001000	0.001159	0.000159	15.9
Standard 2		10.6780	0.005000	0.004556	-0.000444	-8.9
Standard 3		43.0110	0.020000	0.018450	-0.001550	-7.8
Standard 4		227.277	0.100000	0.097633	-0.002367	-2.4
Standard 5		1172.85	0.500000	0.503968	0.003968	0.8
Standard 6		4703.84	2.00000	2.02131	0.021312	1.1

Curve Type: Linear Equation: y = 2327.1 x + 0.1

Cu 324.754 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		498.759	0.000000	0.002749	-	-
Standard 1		471.942	0.001000	0.001841	0.000841	84.1
Standard 2		562.228	0.005000	0.004899	-0.000101	-2.0
Standard 3		984.630	0.020000	0.019203	-0.000797	-4.0
Standard 4		3352.70	0.100000	0.099397	-0.000603	-0.6
Standard 5		15268.2	0.500000	0.502909	0.002909	0.6
Standard 6		59552.7	2.00000	2.00259	0.002588	0.1

Curve Type: Linear Equation: y = 29529.4 x + 417.6

Cu 327.395 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999984

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.6574	0.000000	0.000025	-	-
Standard 1		51.3592	0.001000	0.001049	0.000049	4.9
Standard 2		214.230	0.005000	0.005147	0.000147	2.9
Standard 3		800.429	0.020000	0.019894	-0.000106	-0.5
Standard 4		3992.10	0.100000	0.100189	0.000189	0.2
Standard 5		19906.2	0.500000	0.500552	0.000552	0.1
Standard 6		77845.6	2.00000	1.95818	-0.041820	-2.1

Curve Type: Linear Equation: y = 39749.1 x + 9.7

Fe 234.350 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.9558	0.000000	-0.000042	-	-
Standard 2		60.3584	0.005000	0.006713	0.001713	34.3
Standard 3		148.026	0.020000	0.019756	-0.000244	-1.2
Standard 4		681.384	0.100000	0.099110	-0.000890	-0.9
Standard 5		3375.34	0.500000	0.499923	-0.000077	0.0
Standard 6		13300.3	2.00000	1.97658	-0.023417	-1.2

Curve Type: Linear Equation: y = 6721.2 x + 15.2

Fe 238.204 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.0256	0.000000	-0.000022	-	-
Standard 2		112.593	0.005000	0.006974	0.001974	39.5
Standard 3		292.293	0.020000	0.019993	-0.000007	0.0
Standard 4		1389.15	0.100000	0.099459	-0.000541	-0.5
Standard 5		6854.47	0.500000	0.495413	-0.004587	-0.9
Standard 6		27429.7	2.00000	1.98606	-0.013944	-0.7

Curve Type: Linear Equation: y = 13802.9 x + 16.3

Fe 259.940 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999991

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24.5667	0.000000	-0.000083	-	-
Standard 2		111.896	0.005000	0.007023	0.002023	40.5
Standard 3		271.802	0.020000	0.020035	0.000035	0.2
Standard 4		1243.43	0.100000	0.099096	-0.000904	-0.9
Standard 5		6168.95	0.500000	0.499885	-0.000115	0.0
Standard 6		24189.8	2.00000	1.96624	-0.033757	-1.7

Curve Type: Linear Equation: y = 12289.6 x + 25.6

Ga 287.423 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.51383	0.000000	-0.000334	-	-
Standard 2		15.6619	0.005000	0.005124	0.000124	2.5
Standard 3		44.2666	0.020000	0.020508	0.000508	2.5
Standard 4		188.937	0.100000	0.098313	-0.001687	-1.7
Standard 5		936.802	0.500000	0.500521	0.000521	0.1
Standard 6		3726.05	2.00000	2.00060	0.000603	0.0

Curve Type: Linear Equation: y = 1859.4 x + 6.1

Ga 294.363 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999993

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.1893	0.000000	0.001346	-	-
Standard 2		32.2933	0.005000	0.005094	0.000094	1.9
Standard 3		106.623	0.020000	0.019674	-0.000326	-1.6
Standard 4		516.676	0.100000	0.100109	0.000109	0.1
Standard 5		2571.94	0.500000	0.503268	0.003268	0.7
Standard 6		10118.1	2.00000	1.98350	-0.016496	-0.8

Curve Type: Linear Equation: y = 5097.9 x + 6.3

Ga 417.204 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		38.2804	0.000000	-0.000009	-	-
Standard 2		77.7938	0.005000	0.005281	0.000281	5.6
Standard 3		178.870	0.020000	0.018812	-0.001188	-5.9
Standard 4		787.182	0.100000	0.100250	0.000250	0.3
Standard 5		3809.96	0.500000	0.504926	0.004926	1.0
Standard 6		15175.6	2.00000	2.02650	0.026505	1.3

Curve Type: Linear Equation: y = 7469.6 x + 38.3

K 766.491 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999760

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1517.13	0.000000	-0.000372	-	-
Standard 1		2082.64	0.010000	0.009588	-0.000412	-4.1
Standard 2		4370.87	0.050000	0.049893	-0.000107	-0.2
Standard 3		13011.5	0.200000	0.202086	0.002086	1.0
Standard 4		58864.8	1.00000	1.00974	0.009739	1.0
Standard 5		285988	5.00000	5.01025	0.010250	0.2
Standard 6		1047543	20.0000	18.4242	-1.57585	-7.9

Curve Type: Linear Equation: y = 56773.6 x + 1538.3

K 769.897 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999980

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5592.03	0.000000	0.000018	-	-
Standard 1		6044.46	0.010000	0.009977	-0.000023	-0.2
Standard 2		7920.55	0.050000	0.051277	0.001277	2.6
Standard 3		14680.2	0.200000	0.200080	0.000080	0.0
Standard 4		50953.3	1.00000	0.998573	-0.001427	-0.1
Standard 5		235122	5.00000	5.05275	0.052749	1.1
Standard 6		901227	20.0000	19.7160	-0.284016	-1.4

Curve Type: Linear Equation: y = 45426.9 x + 5591.2

Li 610.365 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999920

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank	n	41.8380	0.000000	0.001342	-	-
Standard 2	n	191.526	0.010000	0.005814	-0.004186	-41.9
Standard 3	n	952.983	0.040000	0.028563	-0.011437	-28.6
Standard 4	n	6337.87	0.200000	0.189440	-0.010560	-5.3
Standard 5	n	35268.0	1.00000	1.05375	0.053748	5.4
Standard 6	n	148618	4.00000	4.44015	0.440150	11.0

Curve Type: Linear Equation: y = 33472.0 x + -3.1

Li 670.783 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999780

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		38783.1	0.000000	-0.000133	-	-
Standard 2		63353.0	0.010000	0.010089	0.000089	0.9
Standard 3		138222	0.040000	0.041238	0.001238	3.1
Standard 4		519460	0.200000	0.199849	-0.000151	-0.1
Standard 5		2496797	1.00000	1.02250	0.022505	2.3
Standard 6		9112769	4.00000	3.77503	-0.224970	-5.6

Curve Type: Linear Equation: y = 2403601.0 x + 39103.3

Mg 279.078 Calibration (mg/L) 3/22/2011, 12:25:20 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.83043	0.000000	-0.001927	-	-
Standard 1		21.2434	0.010000	0.009344	-0.000656	-6.6
Standard 2		66.5188	0.050000	0.050451	0.000451	0.9
Standard 3		224.786	0.200000	0.194149	-0.005851	-2.9
Standard 4		1095.10	1.00000	0.984344	-0.015656	-1.6
Standard 5		5550.39	5.00000	5.02950	0.029504	0.6
Standard 6		22167.9	20.0000	20.1172	0.117239	0.6
Standard 7		110317	100.000	100.152	0.151573	0.2

Curve Type: Linear Equation: y = 1101.4 x + 11.0

Mg 280.270 Calibration (mg/L) 3/22/2011, 12:25:20 PM Correlation Coefficient: 0.996018

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		222.640	0.000000	-0.000060	-	-
Standard 1		1029.51	0.010000	0.010332	0.000332	3.3
Standard 2		4171.90	0.050000	0.050804	0.000804	1.6
Standard 3		15756.6	0.200000	0.200009	0.000009	0.0
Standard 4		78455.1	1.00000	1.00753	0.007529	0.8
Standard 5		393222	5.00000	5.06154	0.061545	1.2
Standard 6		1447827	20.0000	18.6442	-1.35575	-6.8
Standard 7		5017663	100.000	64.6217	-35.3783	-35.4

Curve Type: Linear Equation: y = 77643.2 x + 227.3

Mg 285.213 Calibration (mg/L) 3/22/2011, 12:25:20 PM Correlation Coefficient: 0.999731

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		69.4477	0.000000	-0.000529	-	-
Standard 1		364.794	0.010000	0.010039	0.000039	0.4
Standard 2		1485.61	0.050000	0.050146	0.000146	0.3
Standard 3		5674.50	0.200000	0.200039	0.000039	0.0
Standard 4		28377.4	1.00000	1.01243	0.012426	1.2
Standard 5		145001	5.00000	5.18562	0.185617	3.7
Standard 6		569690	20.0000	20.3824	0.382435	1.9
Standard 7		2554667	100.000	91.4116	-8.58836	-8.6

Curve Type: Linear Equation: y = 27945.9 x + 84.2

Mn 257.610 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank	n	1.34939	0.000000	-0.000004	-	-
Standard 2	n	598.716	0.005000	0.005220	0.000220	4.4
Standard 3	n	2289.35	0.020000	0.020003	0.000003	0.0
Standard 4	n	11182.6	0.100000	0.097766	-0.002234	-2.2
Standard 5	n	56367.3	0.500000	0.492866	-0.007134	-1.4
Standard 6	n	224133	2.00000	1.95983	-0.040173	-2.0

Curve Type: Linear Equation: y = 114362.8 x + 1.8

Mn 259.372 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.6632	0.000000	-0.000014	-	-
Standard 2		451.564	0.005000	0.005007	0.000007	0.1
Standard 3		1768.02	0.020000	0.020102	0.000102	0.5
Standard 4		8552.09	0.100000	0.097892	-0.002108	-2.1
Standard 5		43238.9	0.500000	0.495628	-0.004372	-0.9
Standard 6		172091	2.00000	1.97311	-0.026890	-1.3

Curve Type: Linear Equation: y = 87210.6 x + 14.9

Mn 260.568 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.06204	0.000000	0.000015	-	-
Standard 2		77.6812	0.005000	0.004964	-0.000036	-0.7
Standard 3		304.238	0.020000	0.019990	-0.000010	0.0
Standard 4		1506.77	0.100000	0.099747	-0.000253	-0.3
Standard 5		7588.74	0.500000	0.503126	0.003126	0.6
Standard 6		30178.1	2.00000	2.00134	0.001336	0.1

Curve Type: Linear Equation: y = 15077.5 x + 2.8

Mo 202.032 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999987

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.97291	0.000000	0.000421	-	-
Standard 1		15.1587	0.002000	0.002965	0.000965	48.2
Standard 2		36.5719	0.010000	0.010545	0.000545	5.5
Standard 3		116.554	0.040000	0.038860	-0.001140	-2.8
Standard 4		563.662	0.200000	0.197141	-0.002859	-1.4
Standard 5		2963.68	1.00000	1.04678	0.046776	4.7
Standard 6		12037.6	4.00000	4.25904	0.259037	6.5

Curve Type: Linear Equation: y = 2824.8 x + 6.8

Mo 203.846 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999959

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.16426	0.000000	0.000197	-	-
Standard 1		6.51450	0.002000	0.002144	0.000144	7.2
Standard 2		16.3605	0.010000	0.010301	0.000301	3.0
Standard 3		51.0825	0.040000	0.039066	-0.000934	-2.3
Standard 4		240.618	0.200000	0.196085	-0.003915	-2.0
Standard 5		1258.16	1.00000	1.03906	0.039062	3.9
Standard 6		5201.29	4.00000	4.30572	0.305723	7.6

Curve Type: Linear Equation: y = 1207.1 x + 3.9

Mo 204.598 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999956

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.86299	0.000000	0.000506	-	-
Standard 1		5.06529	0.002000	0.002062	0.000062	3.1
Standard 2		16.3590	0.010000	0.010042	0.000042	0.4
Standard 3		57.1236	0.040000	0.038848	-0.001152	-2.9
Standard 4		279.648	0.200000	0.196092	-0.003908	-2.0
Standard 5		1458.73	1.00000	1.02927	0.029269	2.9
Standard 6		6048.66	4.00000	4.27268	0.272678	6.8

Curve Type: Linear Equation: y = 1415.2 x + 2.1

Na 568.821 Calibration (mg/L) 3/22/2011, 12:25:20 PM Correlation Coefficient: 0.999764

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		83.5288	0.000000	0.806992	-	-
Standard 4		251.647	1.00000	1.51239	0.512394	51.2
Standard 5		1064.72	5.00000	4.92393	-0.076070	-1.5
Standard 6		4287.78	20.0000	18.4475	-1.55249	-7.8
Standard 7		23797.8	100.000	100.309	0.309174	0.3

Curve Type: Linear Equation: y = 238.3 x + -108.8

Na 588.995 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999348**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		109547	0.000000	-0.260332	-	-
Standard 4		566090	1.00000	0.886373	-0.113627	-11.4
Standard 5		2399368	5.00000	5.49104	0.491036	9.8
Standard 6		8129279	20.0000	19.8829	-0.117079	-0.6

Curve Type: Linear Equation: y = 398134.9 x + 213194.4

Na 589.592 Calibration (mg/L) **3/22/2011, 12:25:20 PM** **Correlation Coefficient: 0.999917**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		49317.2	0.000000	-0.497205	-	-
Standard 4		279652	1.00000	0.637060	-0.362940	-36.3
Standard 5		1198691	5.00000	5.16279	0.162793	3.3
Standard 6		4389837	20.0000	20.8773	0.877327	4.4
Standard 7		20420704	100.000	99.8200	-0.179970	-0.2

Curve Type: Linear Equation: y = 203069.7 x + 150284.4

Ni 216.555 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999996**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.12986	0.000000	0.000740	-	-
Standard 2		35.5480	0.010000	0.010829	0.000829	8.3
Standard 3		131.633	0.040000	0.039837	-0.000163	-0.4
Standard 4		651.631	0.200000	0.196822	-0.003178	-1.6
Standard 5		3320.33	1.00000	1.00249	0.002495	0.2
Standard 6		13131.6	4.00000	3.96448	-0.035522	-0.9

Curve Type: Linear Equation: y = 3312.4 x + -0.3

Ni 221.648 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.55385	0.000000	0.000922	-	-
Standard 2		14.5440	0.010000	0.009949	-0.000051	-0.5
Standard 3		54.8214	0.040000	0.040270	0.000270	0.7
Standard 4		262.536	0.200000	0.196641	-0.003359	-1.7
Standard 5		1335.32	1.00000	1.00425	0.004249	0.4
Standard 6		5319.73	4.00000	4.00376	0.003765	0.1

Curve Type: Linear Equation: y = 1328.3 x + 1.3

Ni 231.604 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999985**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.55820	0.000000	0.000774	-	-
Standard 2		24.4430	0.010000	0.009775	-0.000225	-2.3
Standard 3		95.3431	0.040000	0.040331	0.000331	0.8
Standard 4		464.361	0.200000	0.199371	-0.000629	-0.3
Standard 5		2360.58	1.00000	1.01661	0.016609	1.7
Standard 6		9240.15	4.00000	3.98158	-0.018420	-0.5

Curve Type: Linear Equation: y = 2320.3 x + 1.8

P 177.434 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999979**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.34710	0.000000	0.005096	-	-
Standard 3		4.23848	0.020000	0.022852	0.002852	14.3
Standard 4		11.5574	0.100000	0.091560	-0.008440	-8.4
Standard 5		54.9815	0.500000	0.499215	-0.000785	-0.2
Standard 6		215.859	2.00000	2.00950	0.009497	0.5

Curve Type: Linear Equation: y = 106.5 x + 1.8

P 213.618 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999991**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.65390	0.000000	0.000074	-	-
Standard 3		9.23406	0.020000	0.013333	-0.006667	-33.3
Standard 4		42.7040	0.100000	0.092861	-0.007139	-7.1
Standard 5		215.268	0.500000	0.502889	0.002889	0.6
Standard 6		849.617	2.00000	2.01016	0.010161	0.5

Curve Type: Linear Equation: y = 420.9 x + 3.6

P 214.914 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999988**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.98857	0.000000	-0.000230	-	-
Standard 3		4.31213	0.020000	0.020285	0.000285	1.4
Standard 4		13.0551	0.100000	0.097478	-0.002522	-2.5
Standard 5		59.2347	0.500000	0.505207	0.005207	1.0
Standard 6		226.940	2.00000	1.98591	-0.014094	-0.7

Curve Type: Linear Equation: y = 113.3 x + 2.0

Pb 220.353 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.50396	0.000000	0.004043	-	-
Standard 2		12.2833	0.010000	0.016236	0.006236	62.4
Standard 3		30.4174	0.040000	0.041422	0.001422	3.6
Standard 4		142.886	0.200000	0.197625	-0.002375	-1.2
Standard 5		723.302	1.00000	1.00374	0.003740	0.4
Standard 6		2871.80	4.00000	3.98770	-0.012302	-0.3

Curve Type: Linear Equation: y = 720.0 x + 0.6

Pb 261.417 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.28920	0.000000	0.004677	-	-
Standard 2		6.65429	0.010000	0.010405	0.000405	4.0
Standard 3		16.3069	0.040000	0.033778	-0.006222	-15.6
Standard 4		82.4360	0.200000	0.193910	-0.006090	-3.0
Standard 5		415.959	1.00000	1.00154	0.001536	0.2
Standard 6		1654.23	4.00000	4.00002	0.000017	0.0

Curve Type: Linear Equation: y = 413.0 x + 2.4

Pb 405.781 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999989

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		49.2514	0.000000	0.001590	-	-
Standard 2		54.7198	0.010000	0.006551	-0.003449	-34.5
Standard 3		90.1954	0.040000	0.038738	-0.001262	-3.2
Standard 4		257.952	0.200000	0.190942	-0.009058	-4.5
Standard 5		1160.66	1.00000	1.00996	0.009964	1.0
Standard 6		4436.54	4.00000	3.98216	-0.017841	-0.4

Curve Type: Linear Equation: y = 1102.2 x + 47.5

Sb 206.834 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.998890

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.45758	0.000000	-0.001388	-	-
Standard 2		9.91904	0.010000	0.010680	0.000680	6.8
Standard 3		22.5661	0.040000	0.038627	-0.001373	-3.4
Standard 4		101.619	0.200000	0.213317	0.013317	6.7
Standard 5		409.332	1.00000	0.893293	-0.106707	-10.7
Standard 6		1987.42	4.00000	4.38052	0.380522	9.5

Curve Type: Linear Equation: y = 452.5 x + 5.1

Sb 231.146 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999011

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.57064	0.000000	-0.005168	-	-
Standard 2		6.74100	0.010000	0.003328	-0.006672	-66.7
Standard 3		18.6843	0.040000	0.035333	-0.004667	-11.7
Standard 4		83.3590	0.200000	0.208646	0.008646	4.3
Standard 5		336.244	1.00000	0.886319	-0.113681	-11.4
Standard 6		1612.76	4.00000	4.30707	0.307073	7.7

Curve Type: Linear Equation: y = 373.2 x + 5.5

Sb 259.804 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999093

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.62563	0.000000	0.007768	-	-
Standard 2		5.45469	0.010000	0.010384	0.000384	3.8
Standard 3		14.4000	0.040000	0.038607	-0.001393	-3.5
Standard 4		67.1838	0.200000	0.205146	0.005146	2.6
Standard 5		268.213	1.00000	0.839414	-0.160586	-16.1
Standard 6		1272.16	4.00000	4.00699	0.006987	0.2

Curve Type: Linear Equation: y = 316.9 x + 2.2

Se 196.026 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999993

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.63866	0.000000	0.006635	-	-
Standard 2		5.10844	0.010000	0.014231	0.004231	42.3
Standard 3		10.8850	0.040000	0.044084	0.004084	10.2
Standard 4		40.9397	0.200000	0.199406	-0.000594	-0.3
Standard 5		199.266	1.00000	1.01763	0.017633	1.8
Standard 6		797.613	4.00000	4.10988	0.109880	2.7

Curve Type: Linear Equation: y = 193.5 x + 2.4

Se 203.985 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999970

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.54709	0.000000	0.003568	-	-
Standard 2		2.80473	0.010000	0.014571	0.004571	45.7
Standard 3		5.76518	0.040000	0.040473	0.000473	1.2
Standard 4		22.7313	0.200000	0.188913	-0.011087	-5.5
Standard 5		115.490	1.00000	1.00048	0.000475	0.0
Standard 6		470.730	4.00000	4.10855	0.108555	2.7

Curve Type: Linear Equation: y = 114.3 x + 1.1

Si 250.690 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999993**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		51.9579	0.000000	0.007525	-	-
Standard 2		55.1064	0.010000	0.010546	0.000546	5.5
Standard 3		85.1357	0.040000	0.039354	-0.000646	-1.6
Standard 4		251.352	0.200000	0.198814	-0.001186	-0.6
Standard 5		1099.29	1.00000	1.01228	0.012278	1.2
Standard 6		4205.82	4.00000	3.99252	-0.007479	-0.2

Curve Type: Linear Equation: y = 1042.4 x + 44.1

Si 251.611 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999996**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		54.6467	0.000000	0.004627	-	-
Standard 2		60.2252	0.010000	0.009594	-0.000406	-4.1
Standard 3		91.2455	0.040000	0.037214	-0.002786	-7.0
Standard 4		276.237	0.200000	0.201931	0.001931	1.0
Standard 5		1200.31	1.00000	1.02472	0.024722	2.5
Standard 6		4610.26	4.00000	4.06094	0.060941	1.5

Curve Type: Linear Equation: y = 1123.1 x + 49.5

Si 288.158 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999989**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		904.564	0.000000	0.017646	-	-
Standard 2		861.323	0.010000	0.010297	0.000297	3.0
Standard 3		1021.68	0.040000	0.037550	-0.002450	-6.1
Standard 4		1977.14	0.200000	0.199936	-0.000064	0.0
Standard 5		6728.18	1.00000	1.00740	0.007400	0.7
Standard 6		24421.2	4.00000	4.01442	0.014418	0.4

Curve Type: Linear Equation: y = 5883.9 x + 800.7

Sn 189.927 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.21495	0.000000	0.000830	-	-
Standard 2		4.29788	0.010000	0.010828	0.000828	8.3
Standard 3		10.0489	0.040000	0.038433	-0.001567	-3.9
Standard 4		43.5578	0.200000	0.199275	-0.000725	-0.4
Standard 5		210.360	1.00000	0.999921	-0.000079	0.0
Standard 6		842.731	4.00000	4.03528	0.035279	0.9

Curve Type: Linear Equation: y = 208.3 x + 2.0

Sn 283.998 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.57649	0.000000	0.000077	-	-
Standard 2		17.2101	0.010000	0.009562	-0.000438	-4.4
Standard 3		55.6888	0.040000	0.040936	0.000936	2.3
Standard 4		254.484	0.200000	0.203027	0.003027	1.5
Standard 5		1265.05	1.00000	1.02700	0.027003	2.7
Standard 6		5030.44	4.00000	4.09717	0.097167	2.4

Curve Type: Linear Equation: y = 1226.4 x + 5.5

Sr 216.596 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.4466	0.000000	0.000395	-	-
Standard 2		37.2797	0.005000	0.005040	0.000040	0.8
Standard 3		112.436	0.020000	0.019689	-0.000311	-1.6
Standard 4		518.017	0.100000	0.098739	-0.001261	-1.3
Standard 5		2607.97	0.500000	0.506086	0.006086	1.2
Standard 6		10293.9	2.00000	2.00413	0.004133	0.2

Curve Type: Linear Equation: y = 5130.6 x + 11.4

Sr 407.771 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999974

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5479.19	0.000000	-0.000005	-	-
Standard 2		18139.5	0.005000	0.005050	0.000050	1.0
Standard 3		55949.0	0.020000	0.020147	0.000147	0.7
Standard 4		257643	0.100000	0.100682	0.000682	0.7
Standard 5		1245519	0.500000	0.495132	-0.004868	-1.0
Standard 6		4827210	2.00000	1.92527	-0.074729	-3.7

Curve Type: Linear Equation: y = 2504435.0 x + 5492.5

Sr 421.552 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999991

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3521.45	0.000000	-0.000002	-	-
Standard 2		11885.2	0.005000	0.005022	0.000022	0.4
Standard 3		36900.2	0.020000	0.020046	0.000046	0.2
Standard 4		170488	0.100000	0.100279	0.000279	0.3
Standard 5		821618	0.500000	0.491352	-0.008648	-1.7
Standard 6		3223077	2.00000	1.93368	-0.066318	-3.3

Curve Type: Linear Equation: y = 1664985.9 x + 3524.4

Ti 334.941 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		45.8934	0.000000	-0.000043	-	-
Standard 2		1076.07	0.005000	0.005085	0.000085	1.7
Standard 3		4030.20	0.020000	0.019791	-0.000209	-1.0
Standard 4		20212.9	0.100000	0.100351	0.000351	0.4
Standard 5		100180	0.500000	0.498436	-0.001564	-0.3
Standard 6		401686	2.00000	1.99937	-0.000633	0.0

Curve Type: Linear Equation: y = 200879.5 x + 54.6

Ti 336.122 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		31.9867	0.000000	0.000070	-	-
Standard 2		445.138	0.005000	0.004934	-0.000066	-1.3
Standard 3		1715.40	0.020000	0.019888	-0.000112	-0.6
Standard 4		8524.64	0.100000	0.100051	0.000051	0.1
Standard 5		42843.2	0.500000	0.504071	0.004071	0.8
Standard 6		169632	2.00000	1.99671	-0.003291	-0.2

Curve Type: Linear Equation: y = 84942.8 x + 26.1

Ti 337.280 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.6215	0.000000	0.000608	-	-
Standard 2		143.781	0.005000	0.005138	0.000138	2.8
Standard 3		566.390	0.020000	0.019846	-0.000154	-0.8
Standard 4		2855.44	0.100000	0.099512	-0.000488	-0.5
Standard 5		14438.2	0.500000	0.502629	0.002629	0.5
Standard 6		57729.9	2.00000	2.00933	0.009325	0.5

Curve Type: Linear Equation: y = 28732.9 x + -3.8

Tl 190.794 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.20720	0.000000	0.000430	-	-
Standard 3		6.51065	0.020000	0.017172	-0.002828	-14.1
Standard 4		26.4097	0.100000	0.094587	-0.005413	-5.4
Standard 5		130.946	0.500000	0.501273	0.001273	0.3
Standard 6		516.478	2.00000	2.00114	0.001141	0.1

Curve Type: Linear Equation: y = 257.0 x + 2.1

Tl 190.807 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.09381	0.000000	-0.000246	-	-
Standard 3		3.90129	0.020000	0.021387	0.001387	6.9
Standard 4		13.6358	0.100000	0.096396	-0.003604	-3.6
Standard 5		66.1651	0.500000	0.501158	0.001158	0.2
Standard 6		260.348	2.00000	1.99742	-0.002577	-0.1

Curve Type: Linear Equation: y = 129.8 x + 1.1

Tl 351.923 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999996**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.4422	0.000000	0.001407	-	-
Standard 3		39.3875	0.020000	0.020699	0.000699	3.5
Standard 4		152.526	0.100000	0.096106	-0.003894	-3.9
Standard 5		761.648	0.500000	0.502087	0.002087	0.4
Standard 6		3010.48	2.00000	2.00094	0.000937	0.0

Curve Type: Linear Equation: y = 1500.4 x + 8.3

V 268.796 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 0.999996**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		21.8329	0.000000	-0.000088	-	-
Standard 2		72.1933	0.005000	0.006419	0.001419	28.4
Standard 3		175.058	0.020000	0.019710	-0.000290	-1.4
Standard 4		771.182	0.100000	0.096734	-0.003266	-3.3
Standard 5		3794.67	0.500000	0.487393	-0.012607	-2.5
Standard 6		14947.1	2.00000	1.92838	-0.071622	-3.6

Curve Type: Linear Equation: y = 7739.5 x + 22.5

V 292.401 Calibration (mg/L) **3/22/2011, 12:21:06 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.9904	0.000000	0.000050	-	-
Standard 2		135.298	0.005000	0.005003	0.000003	0.1
Standard 3		499.944	0.020000	0.019892	-0.000108	-0.5
Standard 4		2458.91	0.100000	0.099879	-0.000121	-0.1
Standard 5		12326.3	0.500000	0.502779	0.002779	0.6
Standard 6		49130.0	2.00000	2.00552	0.005519	0.3

Curve Type: Linear Equation: y = 24491.0 x + 12.8

V 311.837 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999987

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.57434	0.000000	0.000757	-	-
Standard 2		147.770	0.005000	0.004844	-0.000156	-3.1
Standard 3		648.315	0.020000	0.019229	-0.000771	-3.9
Standard 4		3404.06	0.100000	0.098423	-0.001577	-1.6
Standard 5		17803.3	0.500000	0.512230	0.012230	2.4
Standard 6		70020.5	2.00000	2.01285	0.012852	0.6

Curve Type: Linear Equation: y = 34797.0 x + -20.8

Zn 202.548 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999983

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		317.343	0.000000	-0.000882	-	-
Standard 2		344.824	0.005000	0.005038	0.000038	0.8
Standard 3		415.433	0.020000	0.020251	0.000251	1.3
Standard 4		773.473	0.100000	0.097388	-0.002612	-2.6
Standard 5		2669.01	0.500000	0.505771	0.005771	1.2
Standard 6		9514.57	2.00000	1.98060	-0.019397	-1.0

Curve Type: Linear Equation: y = 4641.6 x + 321.4

Zn 206.200 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		106.200	0.000000	-0.000082	-	-
Standard 2		114.861	0.005000	0.005499	0.000499	10.0
Standard 3		138.589	0.020000	0.020789	0.000789	3.9
Standard 4		258.810	0.100000	0.098261	-0.001739	-1.7
Standard 5		890.309	0.500000	0.505205	0.005205	1.0
Standard 6		3201.20	2.00000	1.99437	-0.005634	-0.3

Curve Type: Linear Equation: y = 1551.8 x + 106.3

Zn 213.857 Calibration (mg/L) 3/22/2011, 12:21:06 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		807.389	0.000000	0.000016	-	-
Standard 2		862.663	0.005000	0.004756	-0.000244	-4.9
Standard 3		1033.33	0.020000	0.019393	-0.000607	-3.0
Standard 4		1953.72	0.100000	0.098331	-0.001669	-1.7
Standard 5		6697.60	0.500000	0.505191	0.005191	1.0
Standard 6		24167.5	2.00000	2.00350	0.003501	0.2

Curve Type: Linear Equation: y = 11659.7 x + 807.2

SEQ-ICV1 (Samp) **3/22/2011, 12:31:14 PM** **Rack 1, Tube 1**

M_200.7_T_WW **ICV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.531220	mg/L	0.001358	0.3	23351.8	0.531220 mg/L	Y 371.029
Ag 338.289	0.509706	mg/L	0.000838	0.2	1367.87	0.509706 mg/L	Y 371.029
Al 237.312	5.02451	mg/L	0.022395	0.4	5598.14	5.02451 mg/L	Y 371.029
Al 257.509	4.99153	mg/L	0.013128	0.3	2499.10	4.99153 mg/L	Y 371.029
Al 308.215	5.12516	mg/L	0.008379	0.2	26818.7	5.12516 mg/L	Y 371.029
As 188.980	1.01696	mg/L	0.004878	0.5	235.946	1.01696 mg/L	Y 371.029
As 193.696	1.02155	mg/L	0.008134	0.8	292.979	1.02155 mg/L	Y 371.029
As 228.812	1.59470	mg/L	0.026709	1.7	2780.23	1.59470 mg/L	Y 371.029
B 182.577	1.01936	mg/L	0.007728	0.8	356.235	1.01936 mg/L	Y 371.029
B 249.678	1.01464	mg/L	0.012992	1.3	7918.19	1.01464 mg/L	Y 371.029
B 249.772	1.01501	mg/L	0.011333	1.1	14669.9	1.01501 mg/L	Y 371.029
Ba 233.527	1.00991	mg/L	0.003255	0.3	30926.1	1.00991 mg/L	Y 371.029
Ba 455.403	0.987452	mg/L	0.000850	0.1	893837	0.987452 mg/L	Y 371.029
Ba 493.408	0.972842	mg/L	0.001356	0.1	575106	0.972842 mg/L	Y 371.029
Be 234.861	1.00415	mg/L	0.002594	0.3	91181.8	1.00415 mg/L	Y 371.029
Be 313.042	1.02437	mg/L	0.006528	0.6	1361844	1.02437 mg/L	Y 371.029
Be 313.107	1.02242	mg/L	0.007208	0.7	679435	1.02242 mg/L	Y 371.029
Ca 393.366	7.50261	mg/L	0.018154	0.2	9628597	7.50261 mg/L	Y 371.029
Ca 396.847	8.29648	mg/L	0.019283	0.2	17577618	8.29648 mg/L	Y 371.029
Ca 430.253	9.59108	mg/L	0.024614	0.3	33424.3	9.59108 mg/L	Y 371.029
Cd 214.439	1.00392	mg/L	0.011765	1.2	10908.0	1.00392 mg/L	Y 371.029
Cd 226.502	1.00158	mg/L	0.002539	0.3	24276.5	1.00158 mg/L	Y 371.029
Cd 228.802	0.981451	mg/L	0.008523	0.9	10624.4	0.981451 mg/L	Y 371.029
Co 228.615	1.00620	mg/L	0.007322	0.7	6280.57	1.00620 mg/L	Y 371.029
Co 230.786	1.00352	mg/L	0.006427	0.6	4450.77	1.00352 mg/L	Y 371.029
Co 238.892	0.979342	mg/L	0.001817	0.2	4204.27	0.979342 mg/L	Y 371.029
Cr 205.560	1.01019	mg/L	0.005080	0.5	3001.39	1.01019 mg/L	Y 371.029
Cr 206.158	1.02325	mg/L	0.004366	0.4	1262.68	1.02325 mg/L	Y 371.029
Cr 267.716	1.00509	mg/L	0.001925	0.2	16693.3	1.00509 mg/L	Y 371.029
Cu 213.598	1.01383	mg/L	0.004062	0.4	2367.36	1.01383 mg/L	Y 371.029
Cu 324.754	0.996267	mg/L	0.003847	0.4	29808.7	0.996267 mg/L	Y 371.029
Cu 327.395	1.01438	mg/L	0.001907	0.2	40358.9	1.01438 mg/L	Y 371.029
Fe 234.350	4.98789	mg/L	0.009901	0.2	33708.8	4.98789 mg/L	Y 371.029
Fe 238.204	5.04169	mg/L	0.023481	0.5	69905.9	5.04169 mg/L	Y 371.029
Fe 259.940	5.03912	mg/L	0.007293	0.1	62197.5	5.03912 mg/L	Y 371.029
Ga 287.423	0.999606	mg/L	0.004825	0.5	1912.47	0.999606 mg/L	Y 371.029
Ga 294.363	0.982889	mg/L	0.001475	0.2	5029.22	0.982889 mg/L	Y 371.029
Ga 417.204	0.981810	mg/L	0.003053	0.3	7738.12	0.981810 mg/L	Y 371.029
K 766.491	9.49990	mg/L	0.017925	0.2	541080	9.49990 mg/L	Y 371.029
K 769.897	10.0529	mg/L	0.153152	1.5	462532	10.0529 mg/L	Y 371.029
Li 610.365	1.05453n	mg/L	0.002198	0.2	35294.0	1.05453 mg/L	Y 371.029
Li 670.783	1.02587	mg/L	0.001201	0.1	2506170	1.02587 mg/L	Y 371.029
Mg 279.078	9.94852	mg/L	0.016757	0.2	11000.7	9.94852 mg/L	Y 371.029
Mg 280.270	9.63576	mg/L	0.086771	0.9	748487	9.63576 mg/L	Y 371.029
Mg 285.213	10.3734	mg/L	0.051721	0.5	290825	10.3734 mg/L	Y 371.029
Mn 257.610	0.977775n	mg/L	0.006477	0.7	112942	0.977775 mg/L	Y 371.029
Mn 259.372	0.982662	mg/L	0.004056	0.4	86585.3	0.982662 mg/L	Y 371.029
Mn 260.568	0.998971	mg/L	0.006071	0.6	15114.0	0.998971 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	1.09389	mg/L	0.014448	1.3	3111.27	1.09389 mg/L	Y 371.029
Mo 203.846	1.09200	mg/L	0.024879	2.3	1328.64	1.09200 mg/L	Y 371.029
Mo 204.598	1.08258	mg/L	0.027294	2.5	1541.87	1.08258 mg/L	Y 371.029
Na 568.821	9.37915	mg/L	0.074864	0.8	2119.70	9.37915 mg/L	Y 371.029
Na 588.995	10.2096	mg/L	0.023157	0.2	4280176	10.2096 mg/L	Y 371.029
Na 589.592	10.7431	mg/L	0.046590	0.4	2333289	10.7431 mg/L	Y 371.029
Ni 216.555	1.00337	mg/L	0.001857	0.2	3332.42	1.00337 mg/L	Y 371.029
Ni 221.648	1.00562	mg/L	0.000508	0.1	1340.62	1.00562 mg/L	Y 371.029
Ni 231.604	1.01503	mg/L	0.001329	0.1	2363.38	1.01503 mg/L	Y 371.029
P 177.434	1.00500	mg/L	0.012847	1.3	108.870	1.00500 mg/L	Y 371.029
P 213.618	1.00638	mg/L	0.005851	0.6	430.571	1.00638 mg/L	Y 371.029
P 214.914	1.01167	mg/L	0.017546	1.7	118.418	1.01167 mg/L	Y 371.029
Pb 220.353	1.00664	mg/L	0.000898	0.1	725.390	1.00664 mg/L	Y 371.029
Pb 261.417	0.765689	mg/L	0.007073	0.9	317.981	0.765689 mg/L	Y 371.029
Pb 405.781	0.980246	mg/L	0.004922	0.5	1130.88	0.980246 mg/L	Y 371.029
Sb 206.834	1.15655	mg/L	0.002161	0.2	535.760	1.15655 mg/L	Y 371.029
Sb 231.146	1.17486	mg/L	0.004493	0.4	448.544	1.17486 mg/L	Y 371.029
Sb 259.804	0.905514	mg/L	0.016394	1.8	292.756	0.905514 mg/L	Y 371.029
Se 196.026	1.03993	mg/L	0.024793	2.4	203.851	1.03993 mg/L	Y 371.029
Se 203.985	1.03933	mg/L	0.020421	2.0	125.651	1.03933 mg/L	Y 371.029
Si 250.690	1.02775	mg/L	0.003527	0.3	1131.17	1.02775 mg/L	Y 371.029
Si 251.611	1.03337	mg/L	0.005364	0.5	1239.10	1.03337 mg/L	Y 371.029
Si 288.158	1.01030	mg/L	0.004211	0.4	6758.42	1.01030 mg/L	Y 371.029
Sn 189.927	1.01186	mg/L	0.005284	0.5	213.067	1.01186 mg/L	Y 371.029
Sn 283.998	1.12255	mg/L	0.000219	0.0	1837.55	1.12255 mg/L	Y 371.029
Sr 216.596	1.07185	mg/L	0.004372	0.4	5542.48	1.07185 mg/L	Y 371.029
Sr 407.771	1.01268	mg/L	0.013027	1.3	2555673	1.01268 mg/L	Y 371.029
Sr 421.552	1.01543	mg/L	0.005186	0.5	1703587	1.01543 mg/L	Y 371.029
Ti 334.941	0.997985	mg/L	0.000776	0.1	200721	0.997985 mg/L	Y 371.029
Ti 336.122	0.995116	mg/L	0.002070	0.2	84626.8	0.995116 mg/L	Y 371.029
Ti 337.280	1.01025	mg/L	0.002760	0.3	29047.3	1.01025 mg/L	Y 371.029
Tl 190.794	1.00679	mg/L	0.005752	0.6	261.658	1.00679 mg/L	Y 371.029
Tl 190.807	0.995019	mg/L	0.016992	1.7	130.679	0.995019 mg/L	Y 371.029
Tl 351.923	0.993924	mg/L	0.004415	0.4	1503.11	0.993924 mg/L	Y 371.029
V 268.796	0.920279	mg/L	0.003547	0.4	7802.58	0.920279 mg/L	Y 371.029
V 292.401	1.01433	mg/L	0.002333	0.2	24899.9	1.01433 mg/L	Y 371.029
V 311.837	1.01618	mg/L	0.001795	0.2	35384.4	1.01618 mg/L	Y 371.029
Zn 202.548	1.02074	mg/L	0.005950	0.6	5087.86	1.02074 mg/L	Y 371.029
Zn 206.200	1.01972	mg/L	0.005085	0.5	1694.14	1.01972 mg/L	Y 371.029
Zn 213.857	1.00396	mg/L	0.017442	1.7	12588.7	1.00396 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.616381	7388.54	9.817	0.1
Y 371.029	1.03437	168600	498.316	0.3

SEQ-ICV2 (Samp) **3/22/2011, 12:36:43 PM** **Rack 1, Tube 2**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.536984	mg/L	0.001401	0.3	23603.4	0.536984 mg/L	Y 371.029
Ag 338.289	0.516355	mg/L	0.000468	0.1	1385.76	0.516355 mg/L	Y 371.029
Al 237.312	5.09453	mg/L	0.008428	0.2	5675.61	5.09453 mg/L	Y 371.029
Al 257.509	5.05866	mg/L	0.013239	0.3	2532.47	5.05866 mg/L	Y 371.029
Al 308.215	5.20660	mg/L	0.002554	0.0	27224.1	5.20660 mg/L	Y 371.029
As 188.980	1.04329	mg/L	0.002916	0.3	241.965	1.04329 mg/L	Y 371.029
As 193.696	1.03485	mg/L	0.001985	0.2	296.760	1.03485 mg/L	Y 371.029
As 228.812	1.72249	mg/L	0.036442	2.1	2938.55	1.72249 mg/L	Y 371.029
B 182.577	1.02731	mg/L	0.003645	0.4	358.991	1.02731 mg/L	Y 371.029
B 249.678	1.01867	mg/L	0.004846	0.5	7949.78	1.01867 mg/L	Y 371.029
B 249.772	1.02230	mg/L	0.007249	0.7	14775.7	1.02230 mg/L	Y 371.029
Ba 233.527	1.02814	mg/L	0.001623	0.2	31481.6	1.02814 mg/L	Y 371.029
Ba 455.403	1.00196	mg/L	0.000430	0.0	906911	1.00196 mg/L	Y 371.029
Ba 493.408	0.989565	mg/L	0.000692	0.1	584943	0.989565 mg/L	Y 371.029
Be 234.861	1.01770	mg/L	0.003960	0.4	92412.2	1.01770 mg/L	Y 371.029
Be 313.042	1.03948	mg/L	0.005621	0.5	1381923	1.03948 mg/L	Y 371.029
Be 313.107	1.03685	mg/L	0.005801	0.6	689024	1.03685 mg/L	Y 371.029
Ca 393.366	7.60738	mg/L	0.007139	0.1	9762817	7.60738 mg/L	Y 371.029
Ca 396.847	8.42986	mg/L	0.012786	0.2	17859802	8.42986 mg/L	Y 371.029
Ca 430.253	9.74694	mg/L	0.000207	0.0	33959.5	9.74694 mg/L	Y 371.029
Cd 214.439	1.01900	mg/L	0.024069	2.4	11071.9	1.01900 mg/L	Y 371.029
Cd 226.502	1.01902	mg/L	0.000345	0.0	24699.0	1.01902 mg/L	Y 371.029
Cd 228.802	0.997430	mg/L	0.010995	1.1	10797.1	0.997430 mg/L	Y 371.029
Co 228.615	1.02306	mg/L	0.005811	0.6	6385.84	1.02306 mg/L	Y 371.029
Co 230.786	1.01894	mg/L	0.004299	0.4	4519.10	1.01894 mg/L	Y 371.029
Co 238.892	0.990454	mg/L	0.006458	0.7	4251.91	0.990454 mg/L	Y 371.029
Cr 205.560	1.02941	mg/L	0.007211	0.7	3058.43	1.02941 mg/L	Y 371.029
Cr 206.158	1.03740	mg/L	0.007959	0.8	1280.14	1.03740 mg/L	Y 371.029
Cr 267.716	1.02185	mg/L	0.000735	0.1	16971.5	1.02185 mg/L	Y 371.029
Cu 213.598	1.02813	mg/L	0.003327	0.3	2400.66	1.02813 mg/L	Y 371.029
Cu 324.754	1.01521	mg/L	0.001810	0.2	30367.6	1.01521 mg/L	Y 371.029
Cu 327.395	1.02726	mg/L	0.003790	0.4	40871.4	1.02726 mg/L	Y 371.029
Fe 234.350	5.07123	mg/L	0.007136	0.1	34271.4	5.07123 mg/L	Y 371.029
Fe 238.204	5.10040	mg/L	0.004893	0.1	70720.3	5.10040 mg/L	Y 371.029
Fe 259.940	5.12567	mg/L	0.030306	0.6	63264.6	5.12567 mg/L	Y 371.029
Ga 287.423	1.01867	mg/L	0.004065	0.4	1948.72	1.01867 mg/L	Y 371.029
Ga 294.363	0.998136	mg/L	0.001076	0.1	5107.13	0.998136 mg/L	Y 371.029
Ga 417.204	0.997168	mg/L	0.000973	0.1	7856.33	0.997168 mg/L	Y 371.029
K 766.491	9.64022	mg/L	0.022390	0.2	549049	9.64022 mg/L	Y 371.029
K 769.897	10.2144	mg/L	0.096228	0.9	469872	10.2144 mg/L	Y 371.029
Li 610.365	1.07322n	mg/L	0.002230	0.2	35919.9	1.07322 mg/L	Y 371.029
Li 670.783	1.04605	mg/L	0.000953	0.1	2554705	1.04605 mg/L	Y 371.029
Mg 279.078	10.1186	mg/L	0.007564	0.1	11188.5	10.1186 mg/L	Y 371.029
Mg 280.270	9.76569	mg/L	0.072828	0.7	758577	9.76569 mg/L	Y 371.029
Mg 285.213	10.6105	mg/L	0.084427	0.8	297464	10.6105 mg/L	Y 371.029
Mn 257.610	0.989874n	mg/L	0.000933	0.1	114341	0.989874 mg/L	Y 371.029
Mn 259.372	0.995829	mg/L	0.002363	0.2	87739.0	0.995829 mg/L	Y 371.029
Mn 260.568	1.02065	mg/L	0.007750	0.8	15441.6	1.02065 mg/L	Y 371.029
Mo 202.032	1.08280	mg/L	0.011286	1.0	3080.08	1.08280 mg/L	Y 371.029
Mo 203.846	1.07714	mg/L	0.017776	1.7	1310.76	1.07714 mg/L	Y 371.029
Mo 204.598	1.06964	mg/L	0.014514	1.4	1523.64	1.06964 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	9.43975	mg/L	0.029624	0.3	2134.10	9.43975 mg/L	Y 371.029
Na 588.995	10.3787	mg/L	0.015748	0.2	4347542	10.3787 mg/L	Y 371.029
Na 589.592	11.0144	mg/L	0.033933	0.3	2388411	11.0144 mg/L	Y 371.029
Ni 216.555	1.01994	mg/L	0.001835	0.2	3387.46	1.01994 mg/L	Y 371.029
Ni 221.648	1.02228	mg/L	0.000850	0.1	1362.81	1.02228 mg/L	Y 371.029
Ni 231.604	1.03520	mg/L	0.007408	0.7	2410.27	1.03520 mg/L	Y 371.029
P 177.434	1.01757	mg/L	0.021951	2.2	110.209	1.01757 mg/L	Y 371.029
P 213.618	1.02065	mg/L	0.009507	0.9	436.614	1.02065 mg/L	Y 371.029
P 214.914	1.01801	mg/L	0.000665	0.1	119.144	1.01801 mg/L	Y 371.029
Pb 220.353	1.02166	mg/L	0.005462	0.5	736.203	1.02166 mg/L	Y 371.029
Pb 261.417	0.772868	mg/L	0.005301	0.7	320.925	0.772868 mg/L	Y 371.029
Pb 405.781	1.00095	mg/L	0.009155	0.9	1153.71	1.00095 mg/L	Y 371.029
Sb 206.834	1.13674	mg/L	0.005385	0.5	526.890	1.13674 mg/L	Y 371.029
Sb 231.146	1.15940	mg/L	0.010038	0.9	442.800	1.15940 mg/L	Y 371.029
Sb 259.804	0.857339	mg/L	0.031982	3.7	277.552	0.857339 mg/L	Y 371.029
Se 196.026	1.04775	mg/L	0.019460	1.9	205.366	1.04775 mg/L	Y 371.029
Se 203.985	1.05048	mg/L	0.005662	0.5	127.009	1.05048 mg/L	Y 371.029
Si 250.690	1.03400	mg/L	0.004584	0.4	1137.95	1.03400 mg/L	Y 371.029
Si 251.611	1.03932	mg/L	0.007543	0.7	1245.68	1.03932 mg/L	Y 371.029
Si 288.158	1.01097	mg/L	0.004843	0.5	6762.63	1.01097 mg/L	Y 371.029
Sn 189.927	1.02004	mg/L	0.002880	0.3	214.775	1.02004 mg/L	Y 371.029
Sn 283.998	1.13242	mg/L	0.003920	0.3	1855.96	1.13242 mg/L	Y 371.029
Sr 216.596	1.08802	mg/L	0.003677	0.3	5625.98	1.08802 mg/L	Y 371.029
Sr 407.771	1.02947	mg/L	0.016643	1.6	2597922	1.02947 mg/L	Y 371.029
Sr 421.552	1.03077	mg/L	0.008094	0.8	1729282	1.03077 mg/L	Y 371.029
Ti 334.941	1.01216	mg/L	0.008687	0.9	203571	1.01216 mg/L	Y 371.029
Ti 336.122	1.00985	mg/L	0.008288	0.8	85879.5	1.00985 mg/L	Y 371.029
Ti 337.280	1.01965	mg/L	0.001712	0.2	29318.0	1.01965 mg/L	Y 371.029
Tl 190.794	1.02120	mg/L	0.004156	0.4	265.377	1.02120 mg/L	Y 371.029
Tl 190.807	1.01909	mg/L	0.005542	0.5	133.786	1.01909 mg/L	Y 371.029
Tl 351.923	1.00916	mg/L	0.005467	0.5	1526.02	1.00916 mg/L	Y 371.029
V 268.796	0.935632	mg/L	0.001502	0.2	7912.66	0.935632 mg/L	Y 371.029
V 292.401	1.03051	mg/L	0.000450	0.0	25296.7	1.03051 mg/L	Y 371.029
V 311.837	1.03355	mg/L	0.001292	0.1	35989.3	1.03355 mg/L	Y 371.029
Zn 202.548	1.03999	mg/L	0.002845	0.3	5177.61	1.03999 mg/L	Y 371.029
Zn 206.200	1.03703	mg/L	0.006077	0.6	1721.06	1.03703 mg/L	Y 371.029
Zn 213.857	1.02062	mg/L	0.022210	2.2	12784.0	1.02062 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.618729	7416.68	31.691	0.4
Y 371.029	1.03922	169391	854.216	0.5

SEQ-ICB1 (Samp) **3/22/2011, 12:40:40 PM** **Rack 1, Tube 3**

M_200.7_T_WW **ICB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000501	mg/L	0.000071	14.1	170.511	0.000501 mg/L	Y 371.029
Ag 338.289	0.000867	mg/L	0.000466	53.8	0.128494	0.000867 mg/L	Y 371.029
Al 237.312	0.002544	mg/L	0.002666	104.8	41.0666	0.002544 mg/L	Y 371.029
Al 257.509	0.003749	mg/L	0.001232	32.9	18.6026	0.003749 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	-0.016900uv	mg/L	0.000616	3.6	1075.19	-0.016900 mg/L	Y 371.029
As 188.980	0.005555	mg/L	0.004594	82.7	4.68478	0.005555 mg/L	Y 371.029
As 193.696	0.007491	mg/L	0.005689	75.9	4.77601	0.007491 mg/L	Y 371.029
As 228.812	0.003176	mg/L	0.001636	51.5	7.96002	0.003176 mg/L	Y 371.029
B 182.577	0.008242	mg/L	0.000676	8.2	5.74987	0.008242 mg/L	Y 371.029
B 249.678	0.009645	mg/L	0.001534	15.9	92.3300	0.009645 mg/L	Y 371.029
B 249.772	0.009652	mg/L	0.001294	13.4	169.179	0.009652 mg/L	Y 371.029
Ba 233.527	0.000007uv	mg/L	0.000154	2170.0	145.109	0.000007 mg/L	Y 371.029
Ba 455.403	-0.000029uv	mg/L	0.000054	190.5	4300.63	-0.000029 mg/L	Y 371.029
Ba 493.408	-0.000075uv	mg/L	0.000057	75.4	2807.65	-0.000075 mg/L	Y 371.029
Be 234.861	0.000119	mg/L	0.000100	83.6	8.82020	0.000119 mg/L	Y 371.029
Be 313.042	0.000058	mg/L	0.000082	142.2	493.210	0.000058 mg/L	Y 371.029
Be 313.107	0.000135	mg/L	0.000082	60.5	90.8355	0.000135 mg/L	Y 371.029
Ca 393.366	0.000842	mg/L	0.000365	43.3	15905.8	0.000842 mg/L	Y 371.029
Ca 396.847	0.000652	mg/L	0.000319	49.0	26335.3	0.000652 mg/L	Y 371.029
Ca 430.253	-0.003955uv	mg/L	0.002614	66.1	475.059	-0.003955 mg/L	Y 371.029
Cd 214.439	0.000191	mg/L	0.000114	59.3	3.31235	0.000191 mg/L	Y 371.029
Cd 226.502	-0.000123uv	mg/L	0.000013	10.6	11.4151	-0.000123 mg/L	Y 371.029
Cd 228.802	0.000072uv	mg/L	0.000123	172.2	11.3535	0.000072 mg/L	Y 371.029
Co 228.615	0.000855	mg/L	0.000247	28.9	2.09444	0.000855 mg/L	Y 371.029
Co 230.786	-0.000417uv	mg/L	0.000063	15.2	3.21989	-0.000417 mg/L	Y 371.029
Co 238.892	0.000520	mg/L	0.000160	30.8	3.65650	0.000520 mg/L	Y 371.029
Cr 205.560	0.000348uv	mg/L	0.000346	99.4	3.17765	0.000348 mg/L	Y 371.029
Cr 206.158	0.000725	mg/L	0.000504	69.6	1.33719	0.000725 mg/L	Y 371.029
Cr 267.716	0.000231	mg/L	0.000258	111.7	18.5827	0.000231 mg/L	Y 371.029
Cu 213.598	0.000224	mg/L	0.000201	89.5	0.623195	0.000224 mg/L	Y 371.029
Cu 324.754	-0.001467uv	mg/L	0.000344	23.4	374.116	-0.001467 mg/L	Y 371.029
Cu 327.395	0.000590	mg/L	0.000093	15.8	32.9989	0.000590 mg/L	Y 371.029
Fe 234.350	0.003086	mg/L	0.000732	23.7	33.7805	0.003086 mg/L	Y 371.029
Fe 238.204	0.003404	mg/L	0.000257	7.5	58.8481	0.003404 mg/L	Y 371.029
Fe 259.940	0.003347	mg/L	0.000309	9.2	62.7549	0.003347 mg/L	Y 371.029
Ga 287.423	0.000898uv	mg/L	0.002792	311.0	7.77977	0.000898 mg/L	Y 371.029
Ga 294.363	0.001861	mg/L	0.000205	11.0	15.7927	0.001861 mg/L	Y 371.029
Ga 417.204	0.001343	mg/L	0.001063	79.1	48.9873	0.001343 mg/L	Y 371.029
K 766.491	-0.000589uv	mg/L	0.000252	42.9	1505.46	-0.000589 mg/L	Y 371.029
K 769.897	0.000531	mg/L	0.000325	61.3	5617.06	0.000531 mg/L	Y 371.029
Li 610.365	0.001068n	mg/L	0.000194	18.2	32.6907	0.001068 mg/L	Y 371.029
Li 670.783	-0.000020uv	mg/L	0.000009	47.5	39055.8	-0.000020 mg/L	Y 371.029
Mg 279.078	-0.001620uv	mg/L	0.000562	34.7	9.00047	-0.001620 mg/L	Y 371.029
Mg 280.270	0.001712	mg/L	0.002517	147.0	360.325	0.001712 mg/L	Y 371.029
Mg 285.213	0.001169uv	mg/L	0.002159	184.6	113.004	0.001169 mg/L	Y 371.029
Mn 257.610	0.000367n	mg/L	0.000097	26.3	15.9029	0.000367 mg/L	Y 371.029
Mn 259.372	0.000233	mg/L	0.000079	33.7	33.2466	0.000233 mg/L	Y 371.029
Mn 260.568	0.000020uv	mg/L	0.000122	608.9	2.42024	0.000020 mg/L	Y 371.029
Mo 202.032	0.024483	mg/L	0.005049	20.6	76.0293	0.024483 mg/L	Y 371.029
Mo 203.846	0.024168	mg/L	0.004581	19.0	33.1340	0.024168 mg/L	Y 371.029
Mo 204.598	0.023249	mg/L	0.004746	20.4	35.0918	0.023249 mg/L	Y 371.029
Na 568.821	0.858269	mg/L	0.027099	3.2	95.7792	0.858269 mg/L	Y 371.029
Na 588.995	-0.261231uv	mg/L	0.000315	0.1	109189	-0.261231 mg/L	Y 371.029
Na 589.592	-0.502912uv	mg/L	0.000511	0.1	48158.3	-0.502912 mg/L	Y 371.029
Ni 216.555	0.000696	mg/L	0.000132	18.9	1.96940	0.000696 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000623	mg/L	0.000351	56.4	2.15130	0.000623 mg/L	Y 371.029
Ni 231.604	0.000984	mg/L	0.000245	24.9	4.03637	0.000984 mg/L	Y 371.029
P 177.434	0.000775uv	mg/L	0.004556	588.0	1.88617	0.000775 mg/L	Y 371.029
P 213.618	-0.002374uv	mg/L	0.002748	115.8	2.62367	-0.002374 mg/L	Y 371.029
P 214.914	0.010125	mg/L	0.006910	68.2	3.16140	0.010125 mg/L	Y 371.029
Pb 220.353	0.004478	mg/L	0.001346	30.1	3.81898	0.004478 mg/L	Y 371.029
Pb 261.417	0.003788	mg/L	0.004269	112.7	3.94037	0.003788 mg/L	Y 371.029
Pb 405.781	-0.008082uv	mg/L	0.004160	51.5	38.5749	-0.008082 mg/L	Y 371.029
Sb 206.834	0.009488	mg/L	0.002060	21.7	9.31502	0.009488 mg/L	Y 371.029
Sb 231.146	0.007827	mg/L	0.001025	13.1	8.36794	0.007827 mg/L	Y 371.029
Sb 259.804	0.014930	mg/L	0.003884	26.0	6.85373	0.014930 mg/L	Y 371.029
Se 196.026	0.019469	mg/L	0.004525	23.2	6.11695	0.019469 mg/L	Y 371.029
Se 203.985	0.024859	mg/L	0.010980	44.2	3.96135	0.024859 mg/L	Y 371.029
Si 250.690	0.007975	mg/L	0.000726	9.1	52.3552	0.007975 mg/L	Y 371.029
Si 251.611	0.005535	mg/L	0.001240	22.4	55.7098	0.005535 mg/L	Y 371.029
Si 288.158	0.000698	mg/L	0.000459	65.7	804.404	0.000698 mg/L	Y 371.029
Sn 189.927	0.003143	mg/L	0.000725	23.1	2.69594	0.003143 mg/L	Y 371.029
Sn 283.998	0.002649	mg/L	0.000504	19.0	7.37105	0.002649 mg/L	Y 371.029
Sr 216.596	0.000294	mg/L	0.000113	38.3	12.7893	0.000294 mg/L	Y 371.029
Sr 407.771	0.000024uv	mg/L	0.000005	21.9	5484.98	0.000024 mg/L	Y 371.029
Sr 421.552	0.000027uv	mg/L	0.000018	66.8	3523.91	0.000027 mg/L	Y 371.029
Ti 334.941	0.001973	mg/L	0.000633	32.1	449.195	0.001973 mg/L	Y 371.029
Ti 336.122	0.001877	mg/L	0.000602	32.1	184.836	0.001877 mg/L	Y 371.029
Ti 337.280	0.002092	mg/L	0.000457	21.8	56.0741	0.002092 mg/L	Y 371.029
Tl 190.794	-0.002086uv	mg/L	0.002112	101.2	1.56090	-0.002086 mg/L	Y 371.029
Tl 190.807	0.003495	mg/L	0.002496	71.4	1.58548	0.003495 mg/L	Y 371.029
Tl 351.923	-0.000254uv	mg/L	0.002400	945.6	7.96725	-0.000254 mg/L	Y 371.029
V 268.796	0.001892	mg/L	0.000515	27.2	40.9413	0.001892 mg/L	Y 371.029
V 292.401	0.000131uv	mg/L	0.000155	118.5	15.6959	0.000131 mg/L	Y 371.029
V 311.837	0.000811	mg/L	0.000021	2.6	6.95631	0.000811 mg/L	Y 371.029
Zn 202.548	0.001300	mg/L	0.000262	20.2	327.427	0.001300 mg/L	Y 371.029
Zn 206.200	0.001695	mg/L	0.000404	23.8	108.957	0.001695 mg/L	Y 371.029
Zn 213.857	-0.000148uv	mg/L	0.000697	470.0	805.401	-0.000148 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.622175	7458.00	31.617	0.4
Y 371.029	1.04728	170705	731.971	0.4

SEQ-LCV1 (Samp) **3/22/2011, 12:43:40 PM** **Rack 1, Tube 4**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.004080	mg/L	0.000227	5.6	326.982	0.004080 mg/L	Y 371.029
Ag 338.289	0.002755	mg/L	0.001064	38.6	5.08610	0.002755 mg/L	Y 371.029
Al 237.312	0.100458	mg/L	0.003022	3.0	149.435	0.100458 mg/L	Y 371.029
Al 257.509	0.099416	mg/L	0.006978	7.0	66.1770	0.099416 mg/L	Y 371.029
Al 308.215	0.085800	mg/L	0.001054	1.2	1589.79	0.085800 mg/L	Y 371.029
As 188.980	0.028451	mg/L	0.003170	11.1	9.92192	0.028451 mg/L	Y 371.029
As 193.696	0.025181	mg/L	0.000668	2.7	9.80294	0.025181 mg/L	Y 371.029
As 228.812	0.021982	mg/L	0.000822	3.7	39.0305	0.021982 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.026837	mg/L	0.000437	1.6	12.1950	0.026837 mg/L	Y 371.029
B 249.678	0.025123	mg/L	0.000246	1.0	212.831	0.025123 mg/L	Y 371.029
B 249.772	0.025401	mg/L	0.000127	0.5	395.533	0.025401 mg/L	Y 371.029
Ba 233.527	0.020226	mg/L	0.000051	0.3	761.329	0.020226 mg/L	Y 371.029
Ba 455.403	0.020241	mg/L	0.000024	0.1	22558.2	0.020241 mg/L	Y 371.029
Ba 493.408	0.020028	mg/L	0.000042	0.2	14632.7	0.020028 mg/L	Y 371.029
Be 234.861	0.019961	mg/L	0.000115	0.6	1810.61	0.019961 mg/L	Y 371.029
Be 313.042	0.020668	mg/L	0.000091	0.4	27885.0	0.020668 mg/L	Y 371.029
Be 313.107	0.020408	mg/L	0.000059	0.3	13562.6	0.020408 mg/L	Y 371.029
Ca 393.366	0.191715	mg/L	0.001884	1.0	260445	0.191715 mg/L	Y 371.029
Ca 396.847	0.196568	mg/L	0.002255	1.1	440800	0.196568 mg/L	Y 371.029
Ca 430.253	0.236005	mg/L	0.005988	2.5	1298.58	0.236005 mg/L	Y 371.029
Cd 214.439	0.009901	mg/L	0.000048	0.5	108.801	0.009901 mg/L	Y 371.029
Cd 226.502	0.009793	mg/L	0.000036	0.4	251.633	0.009793 mg/L	Y 371.029
Cd 228.802	0.010035	mg/L	0.000028	0.3	119.115	0.010035 mg/L	Y 371.029
Co 228.615	0.020001	mg/L	0.000137	0.7	121.593	0.020001 mg/L	Y 371.029
Co 230.786	0.019693	mg/L	0.000345	1.8	92.2693	0.019693 mg/L	Y 371.029
Co 238.892	0.020664	mg/L	0.000262	1.3	90.3155	0.020664 mg/L	Y 371.029
Cr 205.560	0.020114	mg/L	0.000141	0.7	61.8368	0.020114 mg/L	Y 371.029
Cr 206.158	0.020652	mg/L	0.001062	5.1	25.9088	0.020652 mg/L	Y 371.029
Cr 267.716	0.020183	mg/L	0.000084	0.4	349.567	0.020183 mg/L	Y 371.029
Cu 213.598	0.018791	mg/L	0.001074	5.7	43.9572	0.018791 mg/L	Y 371.029
Cu 324.754	0.018638	mg/L	0.000130	0.7	967.092	0.018638 mg/L	Y 371.029
Cu 327.395	0.020380	mg/L	0.000029	0.1	819.737	0.020380 mg/L	Y 371.029
Fe 234.350	0.021368	mg/L	0.000178	0.8	160.648	0.021368 mg/L	Y 371.029
Fe 238.204	0.021441	mg/L	0.000221	1.0	313.730	0.021441 mg/L	Y 371.029
Fe 259.940	0.021341	mg/L	0.000374	1.8	288.695	0.021341 mg/L	Y 371.029
Ga 287.423	0.019775	mg/L	0.000673	3.4	43.3540	0.019775 mg/L	Y 371.029
Ga 294.363	0.019962	mg/L	0.001301	6.5	108.293	0.019962 mg/L	Y 371.029
Ga 417.204	0.019771	mg/L	0.000438	2.2	193.507	0.019771 mg/L	Y 371.029
K 766.491	0.204546	mg/L	0.000677	0.3	13155.4	0.204546 mg/L	Y 371.029
K 769.897	0.205109	mg/L	0.000515	0.3	14915.3	0.205109 mg/L	Y 371.029
Li 610.365	0.028708n	mg/L	0.000151	0.5	957.838	0.028708 mg/L	Y 371.029
Li 670.783	0.042028	mg/L	0.000136	0.3	140146	0.042028 mg/L	Y 371.029
Mg 279.078	0.195205	mg/L	0.000910	0.5	226.460	0.195205 mg/L	Y 371.029
Mg 280.270	0.209899	mg/L	0.011866	5.7	16526.6	0.209899 mg/L	Y 371.029
Mg 285.213	0.203268	mg/L	0.001649	0.8	5778.80	0.203268 mg/L	Y 371.029
Mn 257.610	0.020349n	mg/L	0.000056	0.3	2323.26	0.020349 mg/L	Y 371.029
Mn 259.372	0.020386	mg/L	0.000076	0.4	1804.01	0.020386 mg/L	Y 371.029
Mn 260.568	0.020364	mg/L	0.000154	0.8	310.088	0.020364 mg/L	Y 371.029
Mo 202.032	0.052543	mg/L	0.002990	5.7	155.508	0.052543 mg/L	Y 371.029
Mo 203.846	0.052440	mg/L	0.002902	5.5	67.3564	0.052440 mg/L	Y 371.029
Mo 204.598	0.051428	mg/L	0.002149	4.2	75.0807	0.051428 mg/L	Y 371.029
Na 568.821	0.933212	mg/L	0.056243	6.0	113.522	0.933212 mg/L	Y 371.029
Na 588.995	-0.013183uv	mg/L	0.000976	7.4	207991	-0.013183 mg/L	Y 371.029
Na 589.592	-0.272514uv	mg/L	0.001059	0.4	94974.8	-0.272514 mg/L	Y 371.029
Ni 216.555	0.040947	mg/L	0.000512	1.2	135.353	0.040947 mg/L	Y 371.029
Ni 221.648	0.040984	mg/L	0.000454	1.1	55.7851	0.040984 mg/L	Y 371.029
Ni 231.604	0.041290	mg/L	0.000069	0.2	97.6041	0.041290 mg/L	Y 371.029
P 177.434	0.023695	mg/L	0.006724	28.4	4.32748	0.023695 mg/L	Y 371.029
P 213.618	0.012712	mg/L	0.006194	48.7	9.03385	0.012712 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.027718	mg/L	0.005662	20.4	5.19002	0.027718 mg/L	Y 371.029
Pb 220.353	0.042927	mg/L	0.001405	3.3	31.5013	0.042927 mg/L	Y 371.029
Pb 261.417	0.035274	mg/L	0.002025	5.7	16.9269	0.035274 mg/L	Y 371.029
Pb 405.781	0.032203	mg/L	0.002406	7.5	83.0547	0.032203 mg/L	Y 371.029
Sb 206.834	0.051751	mg/L	0.003748	7.2	28.5813	0.051751 mg/L	Y 371.029
Sb 231.146	0.047553	mg/L	0.005852	12.3	23.2943	0.047553 mg/L	Y 371.029
Sb 259.804	0.050718	mg/L	0.004228	8.3	18.2217	0.050718 mg/L	Y 371.029
Se 196.026	0.049670	mg/L	0.000534	1.1	11.9684	0.049670 mg/L	Y 371.029
Se 203.985	0.044716	mg/L	0.000417	0.9	6.34286	0.044716 mg/L	Y 371.029
Si 250.690	0.040763	mg/L	0.001841	4.5	86.8287	0.040763 mg/L	Y 371.029
Si 251.611	0.040256	mg/L	0.000935	2.3	95.3942	0.040256 mg/L	Y 371.029
Si 288.158	0.035072	mg/L	0.000693	2.0	1006.93	0.035072 mg/L	Y 371.029
Sn 189.927	0.041063	mg/L	0.001101	2.7	10.5994	0.041063 mg/L	Y 371.029
Sn 283.998	0.042889	mg/L	0.003497	8.2	65.6186	0.042889 mg/L	Y 371.029
Sr 216.596	0.020301	mg/L	0.000037	0.2	116.068	0.020301 mg/L	Y 371.029
Sr 407.771	0.020069	mg/L	0.000150	0.7	55984.3	0.020069 mg/L	Y 371.029
Sr 421.552	0.019917	mg/L	0.000169	0.8	36841.4	0.019917 mg/L	Y 371.029
Ti 334.941	0.021186	mg/L	0.000204	1.0	4311.85	0.021186 mg/L	Y 371.029
Ti 336.122	0.021203	mg/L	0.000483	2.3	1827.73	0.021203 mg/L	Y 371.029
Ti 337.280	0.021315	mg/L	0.000433	2.0	608.819	0.021315 mg/L	Y 371.029
Tl 190.794	0.019479	mg/L	0.002958	15.2	7.11754	0.019479 mg/L	Y 371.029
Tl 190.807	0.022746	mg/L	0.006381	28.1	4.09765	0.022746 mg/L	Y 371.029
Tl 351.923	0.018228	mg/L	0.001807	9.9	35.7717	0.018228 mg/L	Y 371.029
V 268.796	0.020580	mg/L	0.000235	1.1	202.702	0.020580 mg/L	Y 371.029
V 292.401	0.020001	mg/L	0.000181	0.9	503.022	0.020001 mg/L	Y 371.029
V 311.837	0.019420	mg/L	0.000182	0.9	655.193	0.019420 mg/L	Y 371.029
Zn 202.548	0.021788	mg/L	0.000211	1.0	423.017	0.021788 mg/L	Y 371.029
Zn 206.200	0.022399	mg/L	0.000728	3.3	141.178	0.022399 mg/L	Y 371.029
Zn 213.857	0.020436	mg/L	0.000154	0.8	1047.35	0.020436 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.623109	7469.18	15.264	0.2
Y 371.029	1.04968	171096	254.198	0.1

SEQ-HCV1 (Samp) **3/22/2011, 12:47:17 PM** **Rack 1, Tube 5**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.622267b	mg/L	0.001127	0.2	27469.9	0.622267 mg/L	Y 371.029
Ag 338.289	0.685808b	mg/L	0.003667	0.5	1776.67	0.685808 mg/L	Y 371.029
Al 237.312	51.4947b	mg/L	0.085704	0.2	57038.1	51.4947 mg/L	Y 371.029
Al 257.509	51.2328b	mg/L	0.090108	0.2	25500.0	51.2328 mg/L	Y 371.029
Al 308.215	51.9791b	mg/L	0.077373	0.1	262202	51.9791 mg/L	Y 371.029
As 188.980	10.2994b	mg/L	0.008397	0.1	2358.72	10.2994 mg/L	Y 371.029
As 193.696	10.3804b	mg/L	0.050053	0.5	2952.85	10.3804 mg/L	Y 371.029
As 228.812	10.2468b	mg/L	0.061347	0.6	16537.0	10.2468 mg/L	Y 371.029
B 182.577	10.1844b	mg/L	0.073298	0.7	3532.37	10.1844 mg/L	Y 371.029
B 249.678	10.3335b	mg/L	0.042622	0.4	80432.0	10.3335 mg/L	Y 371.029
B 249.772	10.2298b	mg/L	0.120622	1.2	147002	10.2298 mg/L	Y 371.029
Ba 233.527	9.86391b	mg/L	0.014386	0.1	300787	9.86391 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	9.13449b	mg/L	0.010870	0.1	8232824	9.13449 mg/L	Y 371.029
Ba 493.408	9.23787b	mg/L	0.015787	0.2	5436790	9.23787 mg/L	Y 371.029
Be 234.861	10.1432b	mg/L	0.006112	0.1	921066	10.1432 mg/L	Y 371.029
Be 313.042	9.43018b	mg/L	0.029582	0.3	12533445	9.43018 mg/L	Y 371.029
Be 313.107	9.60353b	mg/L	0.027308	0.3	6381875	9.60353 mg/L	Y 371.029
Ca 393.366	-ob	mg/L	0.241805	0.8	36585232	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.174723	1.0	38529364	- mg/L	Y 371.029
Ca 430.253	106.056b	mg/L	0.141333	0.1	364572	106.056 mg/L	Y 371.029
Cd 214.439	4.89638b	mg/L	0.015121	0.3	53196.4	4.89638 mg/L	Y 371.029
Cd 226.502	4.84960b	mg/L	0.008090	0.2	117490	4.84960 mg/L	Y 371.029
Cd 228.802	5.04333b	mg/L	0.002120	0.0	54558.7	5.04333 mg/L	Y 371.029
Co 228.615	9.87098b	mg/L	0.012229	0.1	61598.7	9.87098 mg/L	Y 371.029
Co 230.786	9.85411b	mg/L	0.011741	0.1	43644.0	9.85411 mg/L	Y 371.029
Co 238.892	9.86802b	mg/L	0.023250	0.2	42455.7	9.86802 mg/L	Y 371.029
Cr 205.560	9.94499b	mg/L	0.053853	0.5	29521.3	9.94499 mg/L	Y 371.029
Cr 206.158	9.85743b	mg/L	0.049211	0.5	12156.2	9.85743 mg/L	Y 371.029
Cr 267.716	9.87613b	mg/L	0.027496	0.3	163856	9.87613 mg/L	Y 371.029
Cu 213.598	9.76654b	mg/L	0.032792	0.3	22821.5	9.76654 mg/L	Y 371.029
Cu 324.754	10.1759b	mg/L	0.028885	0.3	300535	10.1759 mg/L	Y 371.029
Cu 327.395	10.1580b	mg/L	0.029853	0.3	403863	10.1580 mg/L	Y 371.029
Fe 234.350	9.79395b	mg/L	0.046606	0.5	67900.2	9.79395 mg/L	Y 371.029
Fe 238.204	9.66851b	mg/L	0.022344	0.2	136626	9.66851 mg/L	Y 371.029
Fe 259.940	9.68716b	mg/L	0.044876	0.5	121647	9.68716 mg/L	Y 371.029
Ga 287.423	10.2508b	mg/L	0.010749	0.1	19322.8	10.2508 mg/L	Y 371.029
Ga 294.363	10.2841b	mg/L	0.033980	0.3	52559.0	10.2841 mg/L	Y 371.029
Ga 417.204	10.3112b	mg/L	0.021108	0.2	80633.4	10.3112 mg/L	Y 371.029
K 766.491	81.3872b	mg/L	0.120695	0.1	4624352	81.3872 mg/L	Y 371.029
K 769.897	97.7746b	mg/L	0.132908	0.1	4450552	97.7746 mg/L	Y 371.029
Li 610.365	23.9390n	mg/L	0.028456	0.1	801285	23.9390 mg/L	Y 371.029
Li 670.783	-ob	mg/L	0.495941	3.4	35202604	- mg/L	Y 371.029
Mg 279.078	102.010b	mg/L	0.320889	0.3	112673	102.010 mg/L	Y 371.029
Mg 280.270	66.0630b	mg/L	0.848792	1.3	5130625	66.0630 mg/L	Y 371.029
Mg 285.213	92.6975b	mg/L	0.167987	0.2	2598941	92.6975 mg/L	Y 371.029
Mn 257.610	9.45703n	mg/L	0.047431	0.5	1093111	9.45703 mg/L	Y 371.029
Mn 259.372	9.57346b	mg/L	0.053385	0.6	843757	9.57346 mg/L	Y 371.029
Mn 260.568	9.91571b	mg/L	0.040479	0.4	149991	9.91571 mg/L	Y 371.029
Mo 202.032	21.5641b	mg/L	0.141463	0.7	61104.3	21.5641 mg/L	Y 371.029
Mo 203.846	21.8138b	mg/L	0.057814	0.3	26416.1	21.8138 mg/L	Y 371.029
Mo 204.598	21.6237b	mg/L	0.013077	0.1	30698.3	21.6237 mg/L	Y 371.029
Na 568.821	101.515b	mg/L	0.178943	0.2	24005.3	101.515 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.199319	0.3	28814976	- mg/L	Y 371.029
Na 589.592	101.160b	mg/L	0.148039	0.1	20706862	101.160 mg/L	Y 371.029
Ni 216.555	19.5286b	mg/L	0.038951	0.2	64712.8	19.5286 mg/L	Y 371.029
Ni 221.648	19.4920b	mg/L	0.042159	0.2	25904.2	19.4920 mg/L	Y 371.029
Ni 231.604	19.6080b	mg/L	0.015904	0.1	45522.1	19.6080 mg/L	Y 371.029
P 177.434	10.2001b	mg/L	0.030487	0.3	1087.99	10.2001 mg/L	Y 371.029
P 213.618	10.1596b	mg/L	0.072237	0.7	4314.75	10.1596 mg/L	Y 371.029
P 214.914	9.98115b	mg/L	0.010621	0.1	1155.33	9.98115 mg/L	Y 371.029
Pb 220.353	19.5624b	mg/L	0.038744	0.2	14085.8	19.5624 mg/L	Y 371.029
Pb 261.417	20.4010b	mg/L	0.010690	0.1	8422.06	20.4010 mg/L	Y 371.029
Pb 405.781	20.9723b	mg/L	0.028130	0.1	23215.0	20.9723 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	21.9129b	mg/L	0.201784	0.9	9996.01	21.9129 mg/L	Y 371.029
Sb 231.146	21.7415b	mg/L	0.176594	0.8	8180.26	21.7415 mg/L	Y 371.029
Sb 259.804	20.3542b	mg/L	0.219760	1.1	6463.88	20.3542 mg/L	Y 371.029
Se 196.026	21.2558b	mg/L	0.074615	0.4	4118.96	21.2558 mg/L	Y 371.029
Se 203.985	21.4727b	mg/L	0.041125	0.2	2509.28	21.4727 mg/L	Y 371.029
Si 250.690	19.1734b	mg/L	0.367846	1.9	20181.2	19.1734 mg/L	Y 371.029
Si 251.611	19.4829b	mg/L	0.363971	1.9	22407.2	19.4829 mg/L	Y 371.029
Si 288.158	19.0769b	mg/L	0.436544	2.3	113134	19.0769 mg/L	Y 371.029
Sn 189.927	19.8203b	mg/L	0.044969	0.2	4133.23	19.8203 mg/L	Y 371.029
Sn 283.998	20.5984b	mg/L	0.102312	0.5	29679.2	20.5984 mg/L	Y 371.029
Sr 216.596	9.96541b	mg/L	0.024210	0.2	51432.5	9.96541 mg/L	Y 371.029
Sr 407.771	8.43421b	mg/L	0.045896	0.5	21266086	8.43421 mg/L	Y 371.029
Sr 421.552	8.91081b	mg/L	0.038694	0.4	14932347	8.91081 mg/L	Y 371.029
Ti 334.941	9.72648b	mg/L	0.007960	0.1	1955595	9.72648 mg/L	Y 371.029
Ti 336.122	9.81356b	mg/L	0.006888	0.1	834294	9.81356 mg/L	Y 371.029
Ti 337.280	10.0152b	mg/L	0.041539	0.4	287989	10.0152 mg/L	Y 371.029
Tl 190.794	9.83186b	mg/L	0.012265	0.1	2536.27	9.83186 mg/L	Y 371.029
Tl 190.807	9.79309b	mg/L	0.007034	0.1	1285.19	9.79309 mg/L	Y 371.029
Tl 351.923	10.3110b	mg/L	0.023713	0.2	15517.1	10.3110 mg/L	Y 371.029
V 268.796	9.51532b	mg/L	0.042857	0.5	86868.7	9.51532 mg/L	Y 371.029
V 292.401	10.0200b	mg/L	0.022274	0.2	245764	10.0200 mg/L	Y 371.029
V 311.837	10.2285b	mg/L	0.026784	0.3	356257	10.2285 mg/L	Y 371.029
Zn 202.548	9.55594b	mg/L	0.026855	0.3	44955.3	9.55594 mg/L	Y 371.029
Zn 206.200	9.64589b	mg/L	0.042100	0.4	15133.2	9.64589 mg/L	Y 371.029
Zn 213.857	9.98383b	mg/L	0.083521	0.8	118236	9.98383 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.578835	6938.47	17.760	0.3
Y 371.029	0.992087	161708	294.617	0.2

SEQ-IFA1 (Samp) **3/22/2011, 12:54:01 PM** **Rack 1, Tube 6**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.003061uv	mg/L	0.000190	6.2	110.564	-0.003061 mg/L	Y 371.029
Ag 338.289	0.074834	mg/L	0.003198	4.3	139.970	0.074834 mg/L	Y 371.029
Al 237.312	96.1360	mg/L	0.624981	0.7	106357	96.1360 mg/L	Y 371.029
Al 257.509	97.8865	mg/L	0.524935	0.5	48677.8	97.8865 mg/L	Y 371.029
Al 308.215	98.7681	mg/L	0.380017	0.4	494385	98.7681 mg/L	Y 371.029
As 188.980	0.005475	mg/L	0.004806	87.8	4.53982	0.005475 mg/L	Y 371.029
As 193.696	-0.003780uv	mg/L	0.001649	43.6	2.06784	-0.003780 mg/L	Y 371.029
As 228.812	12.6010	mg/L	0.443234	3.5	23501.0	12.6010 mg/L	Y 371.029
B 182.577	0.006824	mg/L	0.002321	34.0	8.70096	0.006824 mg/L	Y 371.029
B 249.678	0.000980	mg/L	0.001925	196.6	127.575	0.000980 mg/L	Y 371.029
B 249.772	-0.015545	mg/L	0.002048	13.2	1082.61	-0.015545 mg/L	Y 371.029
Ba 233.527	-0.002365	mg/L	0.000163	6.9	229.832	-0.002365 mg/L	Y 371.029
Ba 455.403	-0.001997	mg/L	0.000026	1.3	4365.53	-0.001997 mg/L	Y 371.029
Ba 493.408	-0.001778	mg/L	0.000009	0.5	3228.50	-0.001778 mg/L	Y 371.029
Be 234.861	-0.003900uv	mg/L	0.000687	17.6	-327.036	-0.003900 mg/L	Y 371.029
Be 313.042	0.000506	mg/L	0.000004	0.7	1752.19	0.000506 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Be 313.107	0.000198	mg/L	0.000003	1.4	7.30578	0.000198	mg/L	Y 371.029
Ca 393.366	-o	mg/L	0.433313	1.5	36199836	-	mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.367721	2.0	38419180	-	mg/L	Y 371.029
Ca 430.253	96.1290	mg/L	0.408195	0.4	330686	96.1290	mg/L	Y 371.029
Cd 214.439	9.18584	mg/L	0.153942	1.7	99797.9	9.18584	mg/L	Y 371.029
Cd 226.502	9.22872	mg/L	0.047511	0.5	223608	9.22872	mg/L	Y 371.029
Cd 228.802	9.28385	mg/L	0.174194	1.9	100398	9.28385	mg/L	Y 371.029
Co 228.615	-0.022977	mg/L	0.000266	1.2	93.6527	-0.022977	mg/L	Y 371.029
Co 230.786	-0.019865	mg/L	0.000910	4.6	52.6344	-0.019865	mg/L	Y 371.029
Co 238.892	-0.088404uv	mg/L	0.002329	2.6	-541.692	-0.088404	mg/L	Y 371.029
Cr 205.560	9.25540	mg/L	0.044436	0.5	27529.8	9.25540	mg/L	Y 371.029
Cr 206.158	9.16486	mg/L	0.041104	0.4	11327.1	9.16486	mg/L	Y 371.029
Cr 267.716	9.20575	mg/L	0.051414	0.6	153047	9.20575	mg/L	Y 371.029
Cu 213.598	9.12490	mg/L	0.039282	0.4	21339.4	9.12490	mg/L	Y 371.029
Cu 324.754	9.40968	mg/L	0.047326	0.5	278143	9.40968	mg/L	Y 371.029
Cu 327.395	9.37976	mg/L	0.050355	0.5	373390	9.37976	mg/L	Y 371.029
Fe 234.350	91.7671	mg/L	0.167071	0.2	619262	91.7671	mg/L	Y 371.029
Fe 238.204	89.1775	mg/L	0.484847	0.5	1235631	89.1775	mg/L	Y 371.029
Fe 259.940	89.5281	mg/L	0.535357	0.6	1104265	89.5281	mg/L	Y 371.029
Ga 287.423	0.426932	mg/L	0.004368	1.0	1505.37	0.426932	mg/L	Y 371.029
Ga 294.363	-0.000558	mg/L	0.001097	196.7	132.100	-0.000558	mg/L	Y 371.029
Ga 417.204	0.104990	mg/L	0.002762	2.6	4254.38	0.104990	mg/L	Y 371.029
K 766.491	-0.030852	mg/L	0.000303	1.0	1769.12	-0.030852	mg/L	Y 371.029
K 769.897	-0.048046	mg/L	0.000735	1.5	6051.30	-0.048046	mg/L	Y 371.029
Li 610.365	0.000716n	mg/L	0.000075	10.5	20.8928	0.000716	mg/L	Y 371.029
Li 670.783	-0.004583	mg/L	0.000033	0.7	41144.3	-0.004583	mg/L	Y 371.029
Mg 279.078	94.4740	mg/L	0.690107	0.7	104371	94.4740	mg/L	Y 371.029
Mg 280.270	62.3666	mg/L	1.38262	2.2	4843684	62.3666	mg/L	Y 371.029
Mg 285.213	86.2797	mg/L	0.287094	0.3	2419021	86.2797	mg/L	Y 371.029
Mn 257.610	8.58540n	mg/L	0.054279	0.6	1003361	8.58540	mg/L	Y 371.029
Mn 259.372	8.76993	mg/L	0.071646	0.8	777723	8.76993	mg/L	Y 371.029
Mn 260.568	9.08978	mg/L	0.044120	0.5	137801	9.08978	mg/L	Y 371.029
Mo 202.032	9.39563	mg/L	0.033888	0.4	26736.3	9.39563	mg/L	Y 371.029
Mo 203.846	9.38211	mg/L	0.121408	1.3	11416.9	9.38211	mg/L	Y 371.029
Mo 204.598	9.30587	mg/L	0.105971	1.1	13273.9	9.30587	mg/L	Y 371.029
Na 568.821	93.4895	mg/L	0.418261	0.4	22099.9	93.4895	mg/L	Y 371.029
Na 588.995	-o	mg/L	0.036459	0.1	27684782	-	mg/L	Y 371.029
Na 589.592	91.7470	mg/L	0.399561	0.4	18794886	91.7470	mg/L	Y 371.029
Ni 216.555	8.55305	mg/L	0.042658	0.5	28493.3	8.55305	mg/L	Y 371.029
Ni 221.648	8.46423	mg/L	0.119941	1.4	11307.4	8.46423	mg/L	Y 371.029
Ni 231.604	8.53963	mg/L	0.074905	0.9	19926.3	8.53963	mg/L	Y 371.029
P 177.434	0.045173	mg/L	0.007396	16.4	7.04468	0.045173	mg/L	Y 371.029
P 213.618	0.139034	mg/L	0.013056	9.4	95.7620	0.139034	mg/L	Y 371.029
P 214.914	0.244844	mg/L	0.033978	13.9	48.0409	0.244844	mg/L	Y 371.029
Pb 220.353	0.003723	mg/L	0.001979	53.1	2.42891	0.003723	mg/L	Y 371.029
Pb 261.417	0.034772	mg/L	0.009461	27.2	9.30201	0.034772	mg/L	Y 371.029
Pb 405.781	0.025709	mg/L	0.000668	2.6	113.023	0.025709	mg/L	Y 371.029
Sb 206.834	-0.096751	mg/L	0.002269	2.3	53.5882	-0.096751	mg/L	Y 371.029
Sb 231.146	-0.161374	mg/L	0.003003	1.9	7.31306	-0.161374	mg/L	Y 371.029
Sb 259.804	-0.246976uv	mg/L	0.003827	1.5	0.735436	-0.246976	mg/L	Y 371.029
Se 196.026	-0.003428	mg/L	0.003834	111.9	5.13306	-0.003428	mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.565109	mg/L	0.020482	3.6	116.554	0.565109 mg/L	Y 371.029
Si 250.690	-0.023709	mg/L	0.005782	24.4	191.331	-0.023709 mg/L	Y 371.029
Si 251.611	-0.073600	mg/L	0.009831	13.4	252.695	-0.073600 mg/L	Y 371.029
Si 288.158	0.028975	mg/L	0.006311	21.8	1201.76	0.028975 mg/L	Y 371.029
Sn 189.927	-0.013414uv	mg/L	0.004814	35.9	1.79348	-0.013414 mg/L	Y 371.029
Sn 283.998	1.55362	mg/L	0.024478	1.6	6027.47	1.55362 mg/L	Y 371.029
Sr 216.596	-0.063828uv	mg/L	0.000378	0.6	-5.33471	-0.063828 mg/L	Y 371.029
Sr 407.771	-0.049821	mg/L	0.000014	0.0	8621.65	-0.049821 mg/L	Y 371.029
Sr 421.552	-0.050468	mg/L	0.000015	0.0	5502.03	-0.050468 mg/L	Y 371.029
Ti 334.941	8.99652	mg/L	0.051970	0.6	1810054	8.99652 mg/L	Y 371.029
Ti 336.122	9.07562	mg/L	0.055558	0.6	772018	9.07562 mg/L	Y 371.029
Ti 337.280	9.24745	mg/L	0.050193	0.5	266045	9.24745 mg/L	Y 371.029
Tl 190.794	-0.029299	mg/L	0.001891	6.5	2.61518	-0.029299 mg/L	Y 371.029
Tl 190.807	0.027259	mg/L	0.001333	4.9	8.28672	0.027259 mg/L	Y 371.029
Tl 351.923	0.000592	mg/L	0.001030	174.1	36.5408	0.000592 mg/L	Y 371.029
V 268.796	8.55182	mg/L	0.046848	0.5	72039.4	8.55182 mg/L	Y 371.029
V 292.401	9.30989	mg/L	0.137223	1.5	228672	9.30989 mg/L	Y 371.029
V 311.837	9.41637	mg/L	0.046542	0.5	328345	9.41637 mg/L	Y 371.029
Zn 202.548	9.00886	mg/L	0.038329	0.4	42427.5	9.00886 mg/L	Y 371.029
Zn 206.200	9.10130	mg/L	0.027209	0.3	14289.0	9.10130 mg/L	Y 371.029
Zn 213.857	9.23859	mg/L	0.146764	1.6	109295	9.23859 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.592157	7098.17	29.696	0.4
Y 371.029	1.00158	163255	760.672	0.5

SEQ-IFB1 (Samp) **3/22/2011, 12:58:14 PM** **Rack 1, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.094666	mg/L	0.000241	0.3	4385.20	0.094666 mg/L	Y 371.029
Ag 338.289	0.147568	mg/L	0.000499	0.3	333.096	0.147568 mg/L	Y 371.029
Al 237.312	97.9811	mg/L	0.197895	0.2	108400	97.9811 mg/L	Y 371.029
Al 257.509	99.6722	mg/L	0.116741	0.1	49566.2	99.6722 mg/L	Y 371.029
Al 308.215	101.383	mg/L	0.135092	0.1	507511	101.383 mg/L	Y 371.029
As 188.980	0.495317	mg/L	0.004144	0.8	116.569	0.495317 mg/L	Y 371.029
As 193.696	0.456436	mg/L	0.006944	1.5	132.866	0.456436 mg/L	Y 371.029
As 228.812	12.6589	mg/L	0.447546	3.5	23732.2	12.6589 mg/L	Y 371.029
B 182.577	0.482569	mg/L	0.003411	0.7	173.559	0.482569 mg/L	Y 371.029
B 249.678	0.484487	mg/L	0.005372	1.1	3889.58	0.484487 mg/L	Y 371.029
B 249.772	0.450955	mg/L	0.009113	2.0	7779.74	0.450955 mg/L	Y 371.029
Ba 233.527	0.479049	mg/L	0.000474	0.1	14902.0	0.479049 mg/L	Y 371.029
Ba 455.403	0.474765	mg/L	0.002248	0.5	433824	0.474765 mg/L	Y 371.029
Ba 493.408	0.482733	mg/L	0.000523	0.1	288217	0.482733 mg/L	Y 371.029
Be 234.861	0.466311	mg/L	0.001796	0.4	42372.1	0.466311 mg/L	Y 371.029
Be 313.042	0.486931	mg/L	0.001448	0.3	648245	0.486931 mg/L	Y 371.029
Be 313.107	0.486190	mg/L	0.001591	0.3	322959	0.486190 mg/L	Y 371.029
Ca 393.366	-o	mg/L	0.194495	0.7	36386908	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.098353	0.5	38458696	- mg/L	Y 371.029
Ca 430.253	101.093	mg/L	0.123447	0.1	347724	101.093 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	9.30890	mg/L	0.130721	1.4	101135	9.30890 mg/L	Y 371.029
Cd 226.502	9.40356	mg/L	0.008655	0.1	227843	9.40356 mg/L	Y 371.029
Cd 228.802	9.44773	mg/L	0.157264	1.7	102170	9.44773 mg/L	Y 371.029
Co 228.615	0.459922	mg/L	0.000469	0.1	3106.08	0.459922 mg/L	Y 371.029
Co 230.786	0.462377	mg/L	0.000979	0.2	2187.79	0.462377 mg/L	Y 371.029
Co 238.892	0.230587	mg/L	0.003232	1.4	832.041	0.230587 mg/L	Y 371.029
Cr 205.560	9.66740	mg/L	0.018843	0.2	28752.5	9.66740 mg/L	Y 371.029
Cr 206.158	9.60075	mg/L	0.028605	0.3	11864.4	9.60075 mg/L	Y 371.029
Cr 267.716	9.63612	mg/L	0.025128	0.3	160184	9.63612 mg/L	Y 371.029
Cu 213.598	9.55532	mg/L	0.029416	0.3	22345.3	9.55532 mg/L	Y 371.029
Cu 324.754	9.89806	mg/L	0.009541	0.1	292548	9.89806 mg/L	Y 371.029
Cu 327.395	9.86775	mg/L	0.011868	0.1	392789	9.86775 mg/L	Y 371.029
Fe 234.350	91.8698	mg/L	0.742651	0.8	620038	91.8698 mg/L	Y 371.029
Fe 238.204	89.1765	mg/L	0.175840	0.2	1235741	89.1765 mg/L	Y 371.029
Fe 259.940	90.0526	mg/L	0.677222	0.8	1110810	90.0526 mg/L	Y 371.029
Ga 287.423	0.904233	mg/L	0.003030	0.3	2402.10	0.904233 mg/L	Y 371.029
Ga 294.363	0.477408	mg/L	0.001282	0.3	2574.15	0.477408 mg/L	Y 371.029
Ga 417.204	0.604844	mg/L	0.003953	0.7	8140.03	0.604844 mg/L	Y 371.029
K 766.491	5.39280	mg/L	0.005200	0.1	309788	5.39280 mg/L	Y 371.029
K 769.897	5.42029	mg/L	0.004392	0.1	254620	5.42029 mg/L	Y 371.029
Li 610.365	1.00611n	mg/L	0.000347	0.0	33673.5	1.00611 mg/L	Y 371.029
Li 670.783	1.03169	mg/L	0.002755	0.3	2532513	1.03169 mg/L	Y 371.029
Mg 279.078	98.8251	mg/L	0.155869	0.2	109177	98.8251 mg/L	Y 371.029
Mg 280.270	65.7031	mg/L	0.228025	0.3	5102784	65.7031 mg/L	Y 371.029
Mg 285.213	90.2198	mg/L	0.201686	0.2	2529510	90.2198 mg/L	Y 371.029
Mn 257.610	9.04495n	mg/L	0.062620	0.7	1056336	9.04495 mg/L	Y 371.029
Mn 259.372	9.23655	mg/L	0.064396	0.7	818797	9.23655 mg/L	Y 371.029
Mn 260.568	9.52108	mg/L	0.015974	0.2	144322	9.52108 mg/L	Y 371.029
Mo 202.032	10.4525	mg/L	0.070802	0.7	29729.9	10.4525 mg/L	Y 371.029
Mo 203.846	10.4453	mg/L	0.039565	0.4	12703.9	10.4453 mg/L	Y 371.029
Mo 204.598	10.3637	mg/L	0.043715	0.4	14775.3	10.3637 mg/L	Y 371.029
Na 568.821	98.3301	mg/L	0.168464	0.2	23250.0	98.3301 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.297784	0.4	28227798	- mg/L	Y 371.029
Na 589.592	95.4994	mg/L	0.051313	0.1	19557506	95.4994 mg/L	Y 371.029
Ni 216.555	9.45037	mg/L	0.010968	0.1	31466.2	9.45037 mg/L	Y 371.029
Ni 221.648	9.41995	mg/L	0.031112	0.3	12577.1	9.41995 mg/L	Y 371.029
Ni 231.604	9.50677	mg/L	0.045107	0.5	22171.0	9.50677 mg/L	Y 371.029
P 177.434	0.527785	mg/L	0.006026	1.1	58.4351	0.527785 mg/L	Y 371.029
P 213.618	0.614984	mg/L	0.012644	2.1	297.644	0.614984 mg/L	Y 371.029
P 214.914	3.04389	mg/L	0.011790	0.4	366.118	3.04389 mg/L	Y 371.029
Pb 220.353	0.950387	mg/L	0.002498	0.3	684.050	0.950387 mg/L	Y 371.029
Pb 261.417	0.362037	mg/L	0.011537	3.2	144.313	0.362037 mg/L	Y 371.029
Pb 405.781	1.05428	mg/L	0.004220	0.4	1249.22	1.05428 mg/L	Y 371.029
Sb 206.834	0.954532	mg/L	0.003940	0.4	532.439	0.954532 mg/L	Y 371.029
Sb 231.146	0.791951	mg/L	0.009822	1.2	365.733	0.791951 mg/L	Y 371.029
Sb 259.804	-0.108140	mg/L	0.054211	50.1	44.8577	-0.108140 mg/L	Y 371.029
Se 196.026	0.975099	mg/L	0.008845	0.9	194.638	0.975099 mg/L	Y 371.029
Se 203.985	1.53405	mg/L	0.028440	1.9	229.679	1.53405 mg/L	Y 371.029
Si 250.690	0.923170	mg/L	0.010530	1.1	1184.79	0.923170 mg/L	Y 371.029
Si 251.611	0.889988	mg/L	0.012174	1.4	1357.51	0.889988 mg/L	Y 371.029
Si 288.158	0.969498	mg/L	0.011354	1.2	6738.56	0.969498 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.947030	mg/L	0.005784	0.6	201.970	0.947030 mg/L	Y 371.029
Sn 283.998	2.50337	mg/L	0.006963	0.3	7387.33	2.50337 mg/L	Y 371.029
Sr 216.596	0.414061	mg/L	0.000950	0.2	2459.62	0.414061 mg/L	Y 371.029
Sr 407.771	0.421908	mg/L	0.001637	0.4	1196295	0.421908 mg/L	Y 371.029
Sr 421.552	0.421923	mg/L	0.001753	0.4	796227	0.421923 mg/L	Y 371.029
Ti 334.941	9.41135	mg/L	0.022176	0.2	1893450	9.41135 mg/L	Y 371.029
Ti 336.122	9.50106	mg/L	0.022062	0.2	808182	9.50106 mg/L	Y 371.029
Ti 337.280	9.67510	mg/L	0.012930	0.1	278342	9.67510 mg/L	Y 371.029
Tl 190.794	0.408767	mg/L	0.006894	1.7	115.520	0.408767 mg/L	Y 371.029
Tl 190.807	0.418667	mg/L	0.013398	3.2	59.7422	0.418667 mg/L	Y 371.029
Tl 351.923	0.461891	mg/L	0.006049	1.3	730.332	0.461891 mg/L	Y 371.029
V 268.796	8.96970	mg/L	0.010776	0.1	75916.7	8.96970 mg/L	Y 371.029
V 292.401	9.70418	mg/L	0.119133	1.2	238342	9.70418 mg/L	Y 371.029
V 311.837	9.86131	mg/L	0.013905	0.1	343841	9.86131 mg/L	Y 371.029
Zn 202.548	9.39730	mg/L	0.028112	0.3	44242.6	9.39730 mg/L	Y 371.029
Zn 206.200	9.48580	mg/L	0.015382	0.2	14888.2	9.48580 mg/L	Y 371.029
Zn 213.857	9.59906	mg/L	0.163277	1.7	113545	9.59906 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.585616	7019.76	26.724	0.4
Y 371.029	0.995616	162284	680.337	0.4

SEQ-CCV1 (Samp) **3/22/2011, 1:02:12 PM** **Rack 1, Tube 8**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099487	mg/L	0.000063	0.1	4499.71	0.099487 mg/L	Y 371.029
Ag 338.289	0.099208	mg/L	0.000564	0.6	261.944	0.099208 mg/L	Y 371.029
Al 237.312	2.53426	mg/L	0.011559	0.5	2843.56	2.53426 mg/L	Y 371.029
Al 257.509	2.51264	mg/L	0.021110	0.8	1266.52	2.51264 mg/L	Y 371.029
Al 308.215	2.53249	mg/L	0.005380	0.2	13883.3	2.53249 mg/L	Y 371.029
As 188.980	0.515734	mg/L	0.003363	0.7	121.375	0.515734 mg/L	Y 371.029
As 193.696	0.513987	mg/L	0.004239	0.8	148.726	0.513987 mg/L	Y 371.029
As 228.812	0.519079	mg/L	0.003149	0.6	842.142	0.519079 mg/L	Y 371.029
B 182.577	0.503963	mg/L	0.002442	0.5	177.555	0.503963 mg/L	Y 371.029
B 249.678	0.507736	mg/L	0.004469	0.9	3968.49	0.507736 mg/L	Y 371.029
B 249.772	0.505166	mg/L	0.007639	1.5	7288.87	0.505166 mg/L	Y 371.029
Ba 233.527	0.510163	mg/L	0.002126	0.4	15694.0	0.510163 mg/L	Y 371.029
Ba 455.403	0.493511	mg/L	0.000552	0.1	448885	0.493511 mg/L	Y 371.029
Ba 493.408	0.501456	mg/L	0.000216	0.0	297816	0.501456 mg/L	Y 371.029
Be 234.861	0.510752	mg/L	0.003544	0.7	46377.7	0.510752 mg/L	Y 371.029
Be 313.042	0.516162	mg/L	0.001114	0.2	686414	0.516162 mg/L	Y 371.029
Be 313.107	0.514724	mg/L	0.001757	0.3	342053	0.514724 mg/L	Y 371.029
Ca 393.366	4.11914	mg/L	0.004593	0.1	5293453	4.11914 mg/L	Y 371.029
Ca 396.847	4.38196	mg/L	0.007796	0.2	9295715	4.38196 mg/L	Y 371.029
Ca 430.253	4.95684	mg/L	0.002899	0.1	17505.4	4.95684 mg/L	Y 371.029
Cd 214.439	0.260556	mg/L	0.000351	0.1	2831.96	0.260556 mg/L	Y 371.029
Cd 226.502	0.259268	mg/L	0.000550	0.2	6294.81	0.259268 mg/L	Y 371.029
Cd 228.802	0.255761	mg/L	0.000769	0.3	2776.86	0.255761 mg/L	Y 371.029
Co 228.615	0.512909	mg/L	0.003304	0.6	3197.69	0.512909 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.515607	mg/L	0.001549	0.3	2288.48	0.515607 mg/L	Y 371.029
Co 238.892	0.514255	mg/L	0.000682	0.1	2213.79	0.514255 mg/L	Y 371.029
Cr 205.560	0.512458	mg/L	0.001917	0.4	1523.16	0.512458 mg/L	Y 371.029
Cr 206.158	0.513100	mg/L	0.003121	0.6	633.130	0.513100 mg/L	Y 371.029
Cr 267.716	0.510870	mg/L	0.003247	0.6	8489.38	0.510870 mg/L	Y 371.029
Cu 213.598	0.521256	mg/L	0.003264	0.6	1217.93	0.521256 mg/L	Y 371.029
Cu 324.754	0.502278	mg/L	0.000203	0.0	15230.7	0.502278 mg/L	Y 371.029
Cu 327.395	0.500049	mg/L	0.000486	0.1	19890.0	0.500049 mg/L	Y 371.029
Fe 234.350	0.526384	mg/L	0.002625	0.5	3655.30	0.526384 mg/L	Y 371.029
Fe 238.204	0.524568	mg/L	0.009002	1.7	7409.70	0.524568 mg/L	Y 371.029
Fe 259.940	0.526655	mg/L	0.003691	0.7	6621.85	0.526655 mg/L	Y 371.029
Ga 287.423	0.506476	mg/L	0.007517	1.5	960.909	0.506476 mg/L	Y 371.029
Ga 294.363	0.505404	mg/L	0.001574	0.3	2589.12	0.505404 mg/L	Y 371.029
Ga 417.204	0.504307	mg/L	0.001159	0.2	3988.90	0.504307 mg/L	Y 371.029
K 766.491	5.02457	mg/L	0.010092	0.2	286910	5.02457 mg/L	Y 371.029
K 769.897	5.07769	mg/L	0.010796	0.2	236419	5.07769 mg/L	Y 371.029
Li 610.365	1.07408n	mg/L	0.001233	0.1	35948.7	1.07408 mg/L	Y 371.029
Li 670.783	1.04271	mg/L	0.000713	0.1	2546040	1.04271 mg/L	Y 371.029
Mg 279.078	5.14164	mg/L	0.011825	0.2	5690.04	5.14164 mg/L	Y 371.029
Mg 280.270	5.12977	mg/L	0.045040	0.9	398573	5.12977 mg/L	Y 371.029
Mg 285.213	5.26728	mg/L	0.067856	1.3	147718	5.26728 mg/L	Y 371.029
Mn 257.610	0.505275n	mg/L	0.006111	1.2	58330.5	0.505275 mg/L	Y 371.029
Mn 259.372	0.507831	mg/L	0.006227	1.2	44753.8	0.507831 mg/L	Y 371.029
Mn 260.568	0.511447	mg/L	0.006416	1.3	7737.56	0.511447 mg/L	Y 371.029
Mo 202.032	1.15012	mg/L	0.019536	1.7	3263.81	1.15012 mg/L	Y 371.029
Mo 203.846	1.14898	mg/L	0.019227	1.7	1394.45	1.14898 mg/L	Y 371.029
Mo 204.598	1.13978	mg/L	0.019169	1.7	1619.34	1.13978 mg/L	Y 371.029
Na 568.821	4.96654	mg/L	0.039072	0.8	1070.87	4.96654 mg/L	Y 371.029
Na 588.995	5.55384	mg/L	0.002622	0.0	2425575	5.55384 mg/L	Y 371.029
Na 589.592	5.21943	mg/L	0.005494	0.1	1210921	5.21943 mg/L	Y 371.029
Ni 216.555	1.02556	mg/L	0.002893	0.3	3398.13	1.02556 mg/L	Y 371.029
Ni 221.648	1.02916	mg/L	0.002412	0.2	1368.96	1.02916 mg/L	Y 371.029
Ni 231.604	1.03785	mg/L	0.002121	0.2	2411.11	1.03785 mg/L	Y 371.029
P 177.434	0.503094	mg/L	0.000391	0.1	55.3814	0.503094 mg/L	Y 371.029
P 213.618	0.498958	mg/L	0.003407	0.7	215.448	0.498958 mg/L	Y 371.029
P 214.914	0.513120	mg/L	0.012170	2.4	61.3277	0.513120 mg/L	Y 371.029
Pb 220.353	1.02541	mg/L	0.002745	0.3	738.908	1.02541 mg/L	Y 371.029
Pb 261.417	1.00416	mg/L	0.009018	0.9	416.753	1.00416 mg/L	Y 371.029
Pb 405.781	1.00953	mg/L	0.002151	0.2	1162.76	1.00953 mg/L	Y 371.029
Sb 206.834	0.938041	mg/L	0.007460	0.8	433.298	0.938041 mg/L	Y 371.029
Sb 231.146	0.933168	mg/L	0.013590	1.5	356.825	0.933168 mg/L	Y 371.029
Sb 259.804	0.874952	mg/L	0.018065	2.1	279.986	0.874952 mg/L	Y 371.029
Se 196.026	1.04225	mg/L	0.010260	1.0	204.214	1.04225 mg/L	Y 371.029
Se 203.985	1.01804	mg/L	0.011672	1.1	120.287	1.01804 mg/L	Y 371.029
Si 250.690	1.02430	mg/L	0.002296	0.2	1119.43	1.02430 mg/L	Y 371.029
Si 251.611	1.04537	mg/L	0.000377	0.0	1248.06	1.04537 mg/L	Y 371.029
Si 288.158	1.03022	mg/L	0.002680	0.3	6866.50	1.03022 mg/L	Y 371.029
Sn 189.927	1.03483	mg/L	0.007790	0.8	217.729	1.03483 mg/L	Y 371.029
Sn 283.998	1.04160	mg/L	0.003974	0.4	1510.81	1.04160 mg/L	Y 371.029
Sr 216.596	0.517263	mg/L	0.000367	0.1	2680.55	0.517263 mg/L	Y 371.029
Sr 407.771	0.493819	mg/L	0.004533	0.9	1249408	0.493819 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.494566	mg/L	0.002190	0.4	831788	0.494566 mg/L	Y 371.029
Ti 334.941	0.509834	mg/L	0.008813	1.7	102553	0.509834 mg/L	Y 371.029
Ti 336.122	0.515695	mg/L	0.003157	0.6	43864.0	0.515695 mg/L	Y 371.029
Ti 337.280	0.515003	mg/L	0.001561	0.3	14804.9	0.515003 mg/L	Y 371.029
Tl 190.794	0.505189	mg/L	0.006754	1.3	132.302	0.505189 mg/L	Y 371.029
Tl 190.807	0.504595	mg/L	0.007612	1.5	67.2914	0.504595 mg/L	Y 371.029
Tl 351.923	0.502601	mg/L	0.003210	0.6	764.431	0.502601 mg/L	Y 371.029
V 268.796	0.495656	mg/L	0.002302	0.5	4542.85	0.495656 mg/L	Y 371.029
V 292.401	0.509580	mg/L	0.003448	0.7	12510.4	0.509580 mg/L	Y 371.029
V 311.837	0.516580	mg/L	0.000076	0.0	17972.2	0.516580 mg/L	Y 371.029
Zn 202.548	0.529653	mg/L	0.000511	0.1	2794.04	0.529653 mg/L	Y 371.029
Zn 206.200	0.526408	mg/L	0.004145	0.8	926.082	0.526408 mg/L	Y 371.029
Zn 213.857	0.518935	mg/L	0.006319	1.2	6910.14	0.518935 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.617898	7406.72	17.776	0.2
Y 371.029	1.03162	168152	656.953	0.4

SEQ-CCB1 (Samp) **3/22/2011, 1:06:06 PM** **Rack 1, Tube 9**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000412	mg/L	0.000104	25.2	166.606	0.000412 mg/L	Y 371.029
Ag 338.289	0.001139	mg/L	0.000277	24.3	0.860763	0.001139 mg/L	Y 371.029
Al 237.312	-0.000972uv	mg/L	0.001019	104.8	37.1870	-0.000972 mg/L	Y 371.029
Al 257.509	-0.004557uv	mg/L	0.004092	89.8	14.4764	-0.004557 mg/L	Y 371.029
Al 308.215	-0.018141uv	mg/L	0.000577	3.2	1069.85	-0.018141 mg/L	Y 371.029
As 188.980	0.008725	mg/L	0.002722	31.2	5.41056	0.008725 mg/L	Y 371.029
As 193.696	0.002976	mg/L	0.001154	38.8	3.49302	0.002976 mg/L	Y 371.029
As 228.812	0.003677	mg/L	0.000291	7.9	8.34868	0.003677 mg/L	Y 371.029
B 182.577	0.006357	mg/L	0.002489	39.2	5.09667	0.006357 mg/L	Y 371.029
B 249.678	0.007074	mg/L	0.001107	15.7	72.2927	0.007074 mg/L	Y 371.029
B 249.772	0.006721	mg/L	0.000970	14.4	127.081	0.006721 mg/L	Y 371.029
Ba 233.527	0.000146	mg/L	0.000099	67.9	149.338	0.000146 mg/L	Y 371.029
Ba 455.403	-0.000073uv	mg/L	0.000012	16.8	4260.06	-0.000073 mg/L	Y 371.029
Ba 493.408	-0.000091uv	mg/L	0.000003	3.1	2798.26	-0.000091 mg/L	Y 371.029
Be 234.861	0.000018	mg/L	0.000002	9.6	-0.407732	0.000018 mg/L	Y 371.029
Be 313.042	-0.000021uv	mg/L	0.000004	20.4	388.887	-0.000021 mg/L	Y 371.029
Be 313.107	0.000026	mg/L	0.000003	11.4	18.5124	0.000026 mg/L	Y 371.029
Ca 393.366	0.000188	mg/L	0.000009	4.8	15081.4	0.000188 mg/L	Y 371.029
Ca 396.847	0.000296	mg/L	0.000006	2.1	25584.4	0.000296 mg/L	Y 371.029
Ca 430.253	0.009580	mg/L	0.003550	37.1	521.327	0.009580 mg/L	Y 371.029
Cd 214.439	0.000083	mg/L	0.000089	107.3	2.13669	0.000083 mg/L	Y 371.029
Cd 226.502	-0.000076uv	mg/L	0.000093	122.4	12.5566	-0.000076 mg/L	Y 371.029
Cd 228.802	-0.000092uv	mg/L	0.000127	138.1	9.58896	-0.000092 mg/L	Y 371.029
Co 228.615	0.000801	mg/L	0.000185	23.1	1.75811	0.000801 mg/L	Y 371.029
Co 230.786	-0.000077uv	mg/L	0.000168	219.5	4.73212	-0.000077 mg/L	Y 371.029
Co 238.892	0.000226uv	mg/L	0.000223	99.0	2.39489	0.000226 mg/L	Y 371.029
Cr 205.560	0.000262uv	mg/L	0.000271	103.3	2.92147	0.000262 mg/L	Y 371.029
Cr 206.158	0.000475uv	mg/L	0.000660	138.8	1.02775	0.000475 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.000140	mg/L	0.000083	59.1	17.0582	0.000140 mg/L	Y 371.029
Cu 213.598	0.000274	mg/L	0.000152	55.5	0.775273	0.000274 mg/L	Y 371.029
Cu 324.754	-0.001421uv	mg/L	0.000281	19.8	375.517	-0.001421 mg/L	Y 371.029
Cu 327.395	0.000077uv	mg/L	0.000106	137.4	12.5844	0.000077 mg/L	Y 371.029
Fe 234.350	0.002522	mg/L	0.000740	29.3	29.9311	0.002522 mg/L	Y 371.029
Fe 238.204	0.003061	mg/L	0.000913	29.8	53.9906	0.003061 mg/L	Y 371.029
Fe 259.940	0.002946	mg/L	0.000805	27.3	57.7178	0.002946 mg/L	Y 371.029
Ga 287.423	-0.000674uv	mg/L	0.000624	92.5	4.84794	-0.000674 mg/L	Y 371.029
Ga 294.363	0.000755	mg/L	0.000423	56.0	10.1598	0.000755 mg/L	Y 371.029
Ga 417.204	0.000348uv	mg/L	0.000703	202.0	41.8597	0.000348 mg/L	Y 371.029
K 766.491	-0.000495uv	mg/L	0.000249	50.4	1510.66	-0.000495 mg/L	Y 371.029
K 769.897	-0.000859uv	mg/L	0.000721	83.9	5553.82	-0.000859 mg/L	Y 371.029
Li 610.365	0.000965n	mg/L	0.000296	30.7	29.2388	0.000965 mg/L	Y 371.029
Li 670.783	0.000005uv	mg/L	0.000028	517.0	39116.0	0.000005 mg/L	Y 371.029
Mg 279.078	-0.003346uv	mg/L	0.001167	34.9	7.09701	-0.003346 mg/L	Y 371.029
Mg 280.270	0.000138	mg/L	0.000026	19.1	238.038	0.000138 mg/L	Y 371.029
Mg 285.213	-0.000196uv	mg/L	0.000023	11.7	74.8834	-0.000196 mg/L	Y 371.029
Mn 257.610	0.000306n	mg/L	0.000008	2.5	8.16059	0.000306 mg/L	Y 371.029
Mn 259.372	0.000263	mg/L	0.000056	21.4	38.5804	0.000263 mg/L	Y 371.029
Mn 260.568	0.000055uv	mg/L	0.000046	84.6	2.91343	0.000055 mg/L	Y 371.029
Mo 202.032	0.036886	mg/L	0.007888	21.4	111.009	0.036886 mg/L	Y 371.029
Mo 203.846	0.035101	mg/L	0.007296	20.8	46.3056	0.035101 mg/L	Y 371.029
Mo 204.598	0.034869	mg/L	0.007379	21.2	51.5068	0.034869 mg/L	Y 371.029
Na 568.821	0.812829	mg/L	0.003812	0.5	84.9201	0.812829 mg/L	Y 371.029
Na 588.995	-0.258435uv	mg/L	0.000325	0.1	110303	-0.258435 mg/L	Y 371.029
Na 589.592	-0.497672uv	mg/L	0.000248	0.0	49222.4	-0.497672 mg/L	Y 371.029
Ni 216.555	0.000674	mg/L	0.000494	73.2	1.89582	0.000674 mg/L	Y 371.029
Ni 221.648	0.000738	mg/L	0.000214	29.1	2.30297	0.000738 mg/L	Y 371.029
Ni 231.604	0.000745	mg/L	0.000715	96.0	3.48106	0.000745 mg/L	Y 371.029
P 177.434	0.004877	mg/L	0.006335	129.9	2.32300	0.004877 mg/L	Y 371.029
P 213.618	-0.001718uv	mg/L	0.002084	121.2	2.90170	-0.001718 mg/L	Y 371.029
P 214.914	0.006995uv	mg/L	0.007238	103.5	2.81308	0.006995 mg/L	Y 371.029
Pb 220.353	0.003772	mg/L	0.000778	20.6	3.31091	0.003772 mg/L	Y 371.029
Pb 261.417	0.005498	mg/L	0.002409	43.8	4.64435	0.005498 mg/L	Y 371.029
Pb 405.781	-0.010758uv	mg/L	0.004199	39.0	35.6341	-0.010758 mg/L	Y 371.029
Sb 206.834	0.040877	mg/L	0.001316	3.2	23.5192	0.040877 mg/L	Y 371.029
Sb 231.146	0.033841	mg/L	0.004218	12.5	18.0912	0.033841 mg/L	Y 371.029
Sb 259.804	0.040290	mg/L	0.001717	4.3	14.8891	0.040290 mg/L	Y 371.029
Se 196.026	0.017643	mg/L	0.006002	34.0	5.76393	0.017643 mg/L	Y 371.029
Se 203.985	0.010401	mg/L	0.011819	113.6	2.30606	0.010401 mg/L	Y 371.029
Si 250.690	0.008224	mg/L	0.001722	20.9	52.6085	0.008224 mg/L	Y 371.029
Si 251.611	0.008719	mg/L	0.001147	13.2	59.4687	0.008719 mg/L	Y 371.029
Si 288.158	0.002658	mg/L	0.001455	54.8	815.897	0.002658 mg/L	Y 371.029
Sn 189.927	0.002419	mg/L	0.000926	38.3	2.54486	0.002419 mg/L	Y 371.029
Sn 283.998	0.001695uv	mg/L	0.002105	124.2	6.09729	0.001695 mg/L	Y 371.029
Sr 216.596	0.000031uv	mg/L	0.000189	605.7	11.4425	0.000031 mg/L	Y 371.029
Sr 407.771	-0.000009uv	mg/L	0.000009	98.3	5404.51	-0.000009 mg/L	Y 371.029
Sr 421.552	0.000010uv	mg/L	0.000024	242.7	3496.59	0.000010 mg/L	Y 371.029
Ti 334.941	0.002727	mg/L	0.000882	32.4	600.493	0.002727 mg/L	Y 371.029
Ti 336.122	0.002575	mg/L	0.000937	36.4	244.094	0.002575 mg/L	Y 371.029
Ti 337.280	0.003002	mg/L	0.000913	30.4	82.1967	0.003002 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.000237uv	mg/L	0.002495	1053.3	2.15698	0.000237 mg/L	Y 371.029
Tl 190.807	-0.000939uv	mg/L	0.001797	191.4	1.01855	-0.000939 mg/L	Y 371.029
Tl 351.923	-0.000912uv	mg/L	0.002405	263.6	6.98472	-0.000912 mg/L	Y 371.029
V 268.796	0.002588	mg/L	0.000790	30.5	52.8406	0.002588 mg/L	Y 371.029
V 292.401	0.000180	mg/L	0.000215	119.4	16.9015	0.000180 mg/L	Y 371.029
V 311.837	0.000780	mg/L	0.000038	4.8	5.87709	0.000780 mg/L	Y 371.029
Zn 202.548	0.001122	mg/L	0.000527	46.9	326.583	0.001122 mg/L	Y 371.029
Zn 206.200	0.001706	mg/L	0.000303	17.8	108.972	0.001706 mg/L	Y 371.029
Zn 213.857	-0.000160uv	mg/L	0.000165	103.3	805.232	-0.000160 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.625443	7497.17	26.750	0.4
Y 371.029	1.05217	171501	489.136	0.3

1113045-BLK1 (Samp) **3/22/2011, 1:09:08 PM** **Rack 1, Tube 10**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000508	mg/L	0.000251	49.5	170.803	0.002539 mg/L	Y 371.029
Ag 338.289	0.001316	mg/L	0.000687	52.2	1.34002	0.006582 mg/L	Y 371.029
Al 237.312	0.006809	mg/L	0.003968	58.3	45.7803	0.034044 mg/L	Y 371.029
Al 257.509	0.006001	mg/L	0.006645	110.7	19.7217	0.030004 mg/L	Y 371.029
Al 308.215	-0.014123uv	mg/L	0.005333	37.8	1088.81	-0.070616 mg/L	Y 371.029
As 188.980	0.004665	mg/L	0.003663	78.5	4.48103	0.023324 mg/L	Y 371.029
As 193.696	0.003944	mg/L	0.000396	10.0	3.76793	0.019718 mg/L	Y 371.029
As 228.812	0.003409	mg/L	0.000209	6.1	8.22091	0.017044 mg/L	Y 371.029
B 182.577	0.003830	mg/L	0.001270	33.2	4.22210	0.019150 mg/L	Y 371.029
B 249.678	0.004247	mg/L	0.000081	1.9	50.3517	0.021234 mg/L	Y 371.029
B 249.772	0.004015	mg/L	0.000408	10.2	88.3002	0.020075 mg/L	Y 371.029
Ba 233.527	0.000154	mg/L	0.000085	55.3	149.599	0.000772 mg/L	Y 371.029
Ba 455.403	-0.000003uv	mg/L	0.000083	2735.9	4323.70	-0.000015 mg/L	Y 371.029
Ba 493.408	-0.000024uv	mg/L	0.000077	323.4	2837.90	-0.000119 mg/L	Y 371.029
Be 234.861	0.000115	mg/L	0.000141	121.8	8.46628	0.000577 mg/L	Y 371.029
Be 313.042	0.000056uv	mg/L	0.000157	280.8	490.974	0.000280 mg/L	Y 371.029
Be 313.107	0.000143	mg/L	0.000159	111.2	96.2602	0.000716 mg/L	Y 371.029
Ca 393.366	0.004351	mg/L	0.000259	6.0	20397.6	0.021757 mg/L	Y 371.029
Ca 396.847	0.004453	mg/L	0.000275	6.2	34375.5	0.022264 mg/L	Y 371.029
Ca 430.253	0.010478	mg/L	0.007809	74.5	524.598	0.052392 mg/L	Y 371.029
Cd 214.439	0.000146	mg/L	0.000067	45.7	2.82368	0.000732 mg/L	Y 371.029
Cd 226.502	-0.000038uv	mg/L	0.000123	320.5	13.4755	-0.000192 mg/L	Y 371.029
Cd 228.802	0.000073uv	mg/L	0.000140	191.2	11.3731	0.000367 mg/L	Y 371.029
Co 228.615	0.000954	mg/L	0.000131	13.7	2.71869	0.004771 mg/L	Y 371.029
Co 230.786	-0.000476uv	mg/L	0.000397	83.4	2.96123	-0.002378 mg/L	Y 371.029
Co 238.892	0.000334	mg/L	0.000128	38.3	2.85333	0.001668 mg/L	Y 371.029
Cr 205.560	0.000588	mg/L	0.000646	109.9	3.89050	0.002940 mg/L	Y 371.029
Cr 206.158	0.001297	mg/L	0.000571	44.0	2.04284	0.006485 mg/L	Y 371.029
Cr 267.716	0.000518	mg/L	0.000577	111.4	23.3635	0.002592 mg/L	Y 371.029
Cu 213.598	0.000359	mg/L	0.000312	86.7	0.928294	0.001796 mg/L	Y 371.029
Cu 324.754	-0.001285uv	mg/L	0.000043	3.4	379.469	-0.006425 mg/L	Y 371.029
Cu 327.395	0.000173uv	mg/L	0.000273	157.4	16.4471	0.000867 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.003964	mg/L	0.001375	34.7	39.7783	0.019818 mg/L	Y 371.029
Fe 238.204	0.004145	mg/L	0.001297	31.3	69.2585	0.020725 mg/L	Y 371.029
Fe 259.940	0.004025	mg/L	0.001363	33.9	71.2419	0.020125 mg/L	Y 371.029
Ga 287.423	-0.000070uv	mg/L	0.001848	2653.6	5.98857	-0.000348 mg/L	Y 371.029
Ga 294.363	0.000514uv	mg/L	0.000613	119.4	8.92629	0.002568 mg/L	Y 371.029
Ga 417.204	0.000395	mg/L	0.000789	199.9	42.0378	0.001974 mg/L	Y 371.029
K 766.491	-0.000730uv	mg/L	0.000020	2.8	1497.53	-0.003648 mg/L	Y 371.029
K 769.897	-0.000315uv	mg/L	0.000552	175.4	5578.67	-0.001575 mg/L	Y 371.029
Li 610.365	0.000845n	mg/L	0.000405	48.0	25.2213	0.004226 mg/L	Y 371.029
Li 670.783	-0.000178uv	mg/L	0.000010	5.5	38676.9	-0.000889 mg/L	Y 371.029
Mg 279.078	0.001168uv	mg/L	0.003801	325.3	12.0948	0.005842 mg/L	Y 371.029
Mg 280.270	0.006418	mg/L	0.010127	157.8	725.738	0.032092 mg/L	Y 371.029
Mg 285.213	0.003105uv	mg/L	0.005076	163.5	167.680	0.015526 mg/L	Y 371.029
Mn 257.610	0.000526n	mg/L	0.000314	59.7	34.9481	0.002628 mg/L	Y 371.029
Mn 259.372	0.000408	mg/L	0.000308	75.4	47.9984	0.002042 mg/L	Y 371.029
Mn 260.568	0.000325	mg/L	0.000057	17.7	7.05185	0.001626 mg/L	Y 371.029
Mo 202.032	0.021566	mg/L	0.006130	28.4	67.8017	0.107828 mg/L	Y 371.029
Mo 203.846	0.021394	mg/L	0.004843	22.6	29.7920	0.106970 mg/L	Y 371.029
Mo 204.598	0.021500	mg/L	0.005484	25.5	32.6243	0.107499 mg/L	Y 371.029
Na 568.821	0.866303	mg/L	0.019594	2.3	97.6999	4.33151 mg/L	Y 371.029
Na 588.995	-0.262951uv	mg/L	0.000711	0.3	108505	-1.31475 mg/L	Y 371.029
Na 589.592	-0.500443uv	mg/L	0.002610	0.5	48659.6	-2.50222 mg/L	Y 371.029
Ni 216.555	0.001141	mg/L	0.000636	55.8	3.44495	0.005703 mg/L	Y 371.029
Ni 221.648	0.001031	mg/L	0.000922	89.4	2.69452	0.005156 mg/L	Y 371.029
Ni 231.604	0.000366	mg/L	0.000313	85.4	2.60446	0.001831 mg/L	Y 371.029
P 177.434	-0.000550uv	mg/L	0.000886	160.9	1.74504	-0.002752 mg/L	Y 371.029
P 213.618	-0.001803uv	mg/L	0.001662	92.2	2.86362	-0.009017 mg/L	Y 371.029
P 214.914	-0.003306uv	mg/L	0.007131	215.7	1.63879	-0.016529 mg/L	Y 371.029
Pb 220.353	0.003699	mg/L	0.001600	43.2	3.25853	0.018496 mg/L	Y 371.029
Pb 261.417	0.006166uv	mg/L	0.006057	98.2	4.92267	0.030831 mg/L	Y 371.029
Pb 405.781	-0.006396uv	mg/L	0.006334	99.0	40.4323	-0.031979 mg/L	Y 371.029
Sb 206.834	0.029881	mg/L	0.001061	3.5	18.5472	0.149403 mg/L	Y 371.029
Sb 231.146	0.024648	mg/L	0.004927	20.0	14.6433	0.123242 mg/L	Y 371.029
Sb 259.804	0.032929	mg/L	0.004906	14.9	12.5607	0.164643 mg/L	Y 371.029
Se 196.026	0.005277	mg/L	0.001736	32.9	3.37111	0.026387 mg/L	Y 371.029
Se 203.985	0.001093uv	mg/L	0.006171	564.8	1.24867	0.005463 mg/L	Y 371.029
Si 250.690	0.006303	mg/L	0.001283	20.4	50.6195	0.031513 mg/L	Y 371.029
Si 251.611	0.003154	mg/L	0.000815	25.9	52.9962	0.015771 mg/L	Y 371.029
Si 288.158	-0.000674uv	mg/L	0.000793	117.7	796.363	-0.003370 mg/L	Y 371.029
Sn 189.927	-0.000222uv	mg/L	0.001672	754.2	1.99498	-0.001108 mg/L	Y 371.029
Sn 283.998	0.002058uv	mg/L	0.001883	91.5	6.89755	0.010289 mg/L	Y 371.029
Sr 216.596	0.000432	mg/L	0.000136	31.5	13.5203	0.002162 mg/L	Y 371.029
Sr 407.771	0.000006uv	mg/L	0.000011	170.8	5451.36	0.000032 mg/L	Y 371.029
Sr 421.552	0.000009uv	mg/L	0.000008	90.0	3500.76	0.000044 mg/L	Y 371.029
Ti 334.941	0.001842	mg/L	0.000703	38.1	422.954	0.009211 mg/L	Y 371.029
Ti 336.122	0.001821	mg/L	0.000760	41.7	180.056	0.009103 mg/L	Y 371.029
Ti 337.280	0.002444	mg/L	0.000416	17.0	66.2003	0.012222 mg/L	Y 371.029
Tl 190.794	-0.004102uv	mg/L	0.001646	40.1	1.04287	-0.020512 mg/L	Y 371.029
Tl 190.807	0.001880uv	mg/L	0.002496	132.8	1.37354	0.009398 mg/L	Y 371.029
Tl 351.923	-0.001363uv	mg/L	0.001997	146.5	6.30312	-0.006814 mg/L	Y 371.029
V 268.796	0.002045	mg/L	0.000795	38.9	40.4708	0.010225 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.000340	mg/L	0.000184	54.1	20.8541	0.001702 mg/L	Y 371.029
V 311.837	0.000850	mg/L	0.000081	9.5	8.33852	0.004249 mg/L	Y 371.029
Zn 202.548	0.000629	mg/L	0.000487	77.4	324.320	0.003144 mg/L	Y 371.029
Zn 206.200	0.001060	mg/L	0.000153	14.5	107.973	0.005300 mg/L	Y 371.029
Zn 213.857	-0.001107uv	mg/L	0.000087	7.8	794.249	-0.005536 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.621531	7450.27	16.239	0.2
Y 371.029	1.04997	171143	273.098	0.2

1113045-BS1 (Samp) **3/22/2011, 1:12:10 PM** **Rack 1, Tube 11**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.039153	mg/L	0.000222	0.6	1860.73	0.195766 mg/L	Y 371.029
Ag 338.289	0.036174	mg/L	0.000552	1.5	95.1376	0.180868 mg/L	Y 371.029
Al 237.312	0.952409	mg/L	0.005440	0.6	1091.73	4.76205 mg/L	Y 371.029
Al 257.509	0.950332	mg/L	0.013155	1.4	489.378	4.75166 mg/L	Y 371.029
Al 308.215	0.947438	mg/L	0.006821	0.7	5889.93	4.73719 mg/L	Y 371.029
As 188.980	0.039910	mg/L	0.002562	6.4	12.5101	0.199549 mg/L	Y 371.029
As 193.696	0.035727	mg/L	0.004160	11.6	12.8151	0.178634 mg/L	Y 371.029
As 228.812	0.020865	mg/L	0.000615	2.9	32.1553	0.104326 mg/L	Y 371.029
B 182.577	0.190805	mg/L	0.001711	0.9	68.9948	0.954025 mg/L	Y 371.029
B 249.678	0.194746	mg/L	0.001261	0.6	1532.92	0.973730 mg/L	Y 371.029
B 249.772	0.192423	mg/L	0.000822	0.4	2797.74	0.962113 mg/L	Y 371.029
Ba 233.527	0.096876	mg/L	0.000594	0.6	3097.82	0.484381 mg/L	Y 371.029
Ba 455.403	0.096618	mg/L	0.000164	0.2	91362.4	0.483089 mg/L	Y 371.029
Ba 493.408	0.097363	mg/L	0.000077	0.1	60125.5	0.486813 mg/L	Y 371.029
Be 234.861	0.004669	mg/L	0.000196	4.2	422.152	0.023345 mg/L	Y 371.029
Be 313.042	0.004884	mg/L	0.000070	1.4	6914.21	0.024421 mg/L	Y 371.029
Be 313.107	0.004867	mg/L	0.000072	1.5	3234.39	0.024336 mg/L	Y 371.029
Ca 393.366	0.865021	mg/L	0.000736	0.1	1123212	4.32510 mg/L	Y 371.029
Ca 396.847	0.893195	mg/L	0.000377	0.0	1914679	4.46597 mg/L	Y 371.029
Ca 430.253	0.955068	mg/L	0.012155	1.3	3773.30	4.77534 mg/L	Y 371.029
Cd 214.439	0.004791	mg/L	0.000189	4.0	53.2982	0.023957 mg/L	Y 371.029
Cd 226.502	0.004597	mg/L	0.000020	0.4	126.278	0.022985 mg/L	Y 371.029
Cd 228.802	0.004699	mg/L	0.000252	5.4	61.5022	0.023496 mg/L	Y 371.029
Co 228.615	0.019072	mg/L	0.000360	1.9	116.979	0.095362 mg/L	Y 371.029
Co 230.786	0.019505	mg/L	0.000560	2.9	91.8589	0.097527 mg/L	Y 371.029
Co 238.892	0.018087	mg/L	0.000582	3.2	78.6945	0.090434 mg/L	Y 371.029
Cr 205.560	0.048326	mg/L	0.000397	0.8	146.213	0.241629 mg/L	Y 371.029
Cr 206.158	0.048892	mg/L	0.000456	0.9	61.0201	0.244458 mg/L	Y 371.029
Cr 267.716	0.049148	mg/L	0.000553	1.1	833.574	0.245740 mg/L	Y 371.029
Cu 213.598	0.047201	mg/L	0.000524	1.1	110.703	0.236006 mg/L	Y 371.029
Cu 324.754	0.046191	mg/L	0.000248	0.5	1778.05	0.230953 mg/L	Y 371.029
Cu 327.395	0.047747	mg/L	0.000098	0.2	1910.51	0.238733 mg/L	Y 371.029
Fe 234.350	0.380856	mg/L	0.001613	0.4	2596.59	1.90428 mg/L	Y 371.029
Fe 238.204	0.382759	mg/L	0.001699	0.4	5343.16	1.91380 mg/L	Y 371.029
Fe 259.940	0.383011	mg/L	0.001949	0.5	4769.43	1.91506 mg/L	Y 371.029
Ga 287.423	-0.000033	mg/L	0.001770	5293.8	10.1938	-0.000167 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.000884	mg/L	0.000915	103.5	12.0551	0.004422 mg/L	Y 371.029
Ga 417.204	-0.000372	mg/L	0.000737	198.0	70.6594	-0.001861 mg/L	Y 371.029
K 766.491	4.68647	mg/L	0.008171	0.2	267639	23.4324 mg/L	Y 371.029
K 769.897	4.71423	mg/L	0.010737	0.2	219800	23.5711 mg/L	Y 371.029
Li 610.365	0.082674n	mg/L	0.000626	0.8	2764.18	0.413368 mg/L	Y 371.029
Li 670.783	0.099423	mg/L	0.000187	0.2	278223	0.497114 mg/L	Y 371.029
Mg 279.078	0.954186	mg/L	0.004439	0.5	1064.89	4.77093 mg/L	Y 371.029
Mg 280.270	0.987155	mg/L	0.009686	1.0	76884.8	4.93578 mg/L	Y 371.029
Mg 285.213	0.985549	mg/L	0.021665	2.2	27705.2	4.92775 mg/L	Y 371.029
Mn 257.610	0.045541n	mg/L	0.000042	0.1	5392.85	0.227703 mg/L	Y 371.029
Mn 259.372	0.047009	mg/L	0.000219	0.5	4200.60	0.235043 mg/L	Y 371.029
Mn 260.568	0.047277	mg/L	0.000267	0.6	722.062	0.236383 mg/L	Y 371.029
Mo 202.032	0.112587	mg/L	0.004357	3.9	330.356	0.562935 mg/L	Y 371.029
Mo 203.846	0.112788	mg/L	0.004272	3.8	142.541	0.563940 mg/L	Y 371.029
Mo 204.598	0.111552	mg/L	0.003861	3.5	162.927	0.557760 mg/L	Y 371.029
Na 568.821	4.70852	mg/L	0.025087	0.5	1013.22	23.5426 mg/L	Y 371.029
Na 588.995	5.22406	mg/L	0.012741	0.2	2293074	26.1203 mg/L	Y 371.029
Na 589.592	4.82955	mg/L	0.013721	0.3	1131145	24.1478 mg/L	Y 371.029
Ni 216.555	0.047200	mg/L	0.000299	0.6	156.735	0.236001 mg/L	Y 371.029
Ni 221.648	0.047386	mg/L	0.000375	0.8	64.5821	0.236929 mg/L	Y 371.029
Ni 231.604	0.048822	mg/L	0.000988	2.0	115.555	0.244109 mg/L	Y 371.029
P 177.434	-0.002610uv	mg/L	0.003455	132.4	1.51457	-0.013051 mg/L	Y 371.029
P 213.618	-0.002167uv	mg/L	0.003679	169.8	2.99665	-0.010835 mg/L	Y 371.029
P 214.914	0.009071	mg/L	0.003734	41.2	3.15933	0.045354 mg/L	Y 371.029
Pb 220.353	0.051218	mg/L	0.002950	5.8	37.4759	0.256090 mg/L	Y 371.029
Pb 261.417	0.029724	mg/L	0.004363	14.7	14.7574	0.148619 mg/L	Y 371.029
Pb 405.781	0.041365	mg/L	0.006634	16.0	93.7376	0.206823 mg/L	Y 371.029
Sb 206.834	0.140253	mg/L	0.002452	1.7	69.3363	0.701266 mg/L	Y 371.029
Sb 231.146	0.133159	mg/L	0.003061	2.3	55.6568	0.665796 mg/L	Y 371.029
Sb 259.804	0.114006	mg/L	0.006189	5.4	38.6721	0.570028 mg/L	Y 371.029
Se 196.026	0.047888	mg/L	0.004986	10.4	11.6444	0.239440 mg/L	Y 371.029
Se 203.985	0.052562	mg/L	0.015436	29.4	7.37547	0.262812 mg/L	Y 371.029
Si 250.690	0.500635	mg/L	0.008953	1.8	567.688	2.50318 mg/L	Y 371.029
Si 251.611	0.509606	mg/L	0.010392	2.0	624.793	2.54803 mg/L	Y 371.029
Si 288.158	0.494270	mg/L	0.002273	0.5	3711.50	2.47135 mg/L	Y 371.029
Sn 189.927	0.097974	mg/L	0.002565	2.6	22.4792	0.489872 mg/L	Y 371.029
Sn 283.998	0.100725	mg/L	0.002614	2.6	149.737	0.503624 mg/L	Y 371.029
Sr 216.596	0.098890	mg/L	0.000716	0.7	521.633	0.494451 mg/L	Y 371.029
Sr 407.771	0.098436	mg/L	0.000822	0.8	253312	0.492178 mg/L	Y 371.029
Sr 421.552	0.098079	mg/L	0.000870	0.9	167694	0.490393 mg/L	Y 371.029
Ti 334.941	0.095903	mg/L	0.000819	0.9	19341.3	0.479514 mg/L	Y 371.029
Ti 336.122	0.096392	mg/L	0.000823	0.9	8222.57	0.481960 mg/L	Y 371.029
Ti 337.280	0.096368	mg/L	0.000658	0.7	2767.92	0.481838 mg/L	Y 371.029
Tl 190.794	0.043628	mg/L	0.003504	8.0	13.3905	0.218141 mg/L	Y 371.029
Tl 190.807	0.045292	mg/L	0.003100	6.8	7.06147	0.226458 mg/L	Y 371.029
Tl 351.923	0.046388	mg/L	0.002657	5.7	78.2363	0.231940 mg/L	Y 371.029
V 268.796	0.090854	mg/L	0.000992	1.1	786.606	0.454271 mg/L	Y 371.029
V 292.401	0.096905	mg/L	0.000989	1.0	2391.29	0.484526 mg/L	Y 371.029
V 311.837	0.094839	mg/L	0.000290	0.3	3283.87	0.474195 mg/L	Y 371.029
Zn 202.548	0.098385	mg/L	0.000800	0.8	781.115	0.491923 mg/L	Y 371.029
Zn 206.200	0.099299	mg/L	0.001522	1.5	261.271	0.496493 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.095955	mg/L	0.000718	0.7	1933.93	0.479775 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.621178	7446.04	41.459	0.6
Y 371.029	1.04687	170638	569.625	0.3

1113045-BSD1 (Samp) **3/22/2011, 1:15:57 PM** **Rack 1, Tube 12**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.039549	mg/L	0.000110	0.3	1878.06	0.197743 mg/L	Y 371.029
Ag 338.289	0.038068	mg/L	0.001440	3.8	100.250	0.190342 mg/L	Y 371.029
Al 237.312	0.967325	mg/L	0.002954	0.3	1108.23	4.83663 mg/L	Y 371.029
Al 257.509	0.968835	mg/L	0.001476	0.2	498.581	4.84417 mg/L	Y 371.029
Al 308.215	0.957934	mg/L	0.001148	0.1	5942.17	4.78967 mg/L	Y 371.029
As 188.980	0.041323	mg/L	0.005078	12.3	12.8323	0.206617 mg/L	Y 371.029
As 193.696	0.040474	mg/L	0.003988	9.9	14.1646	0.202369 mg/L	Y 371.029
As 228.812	0.022271	mg/L	0.001299	5.8	33.9165	0.111357 mg/L	Y 371.029
B 182.577	0.192554	mg/L	0.002066	1.1	69.6011	0.962772 mg/L	Y 371.029
B 249.678	0.198265	mg/L	0.001114	0.6	1560.32	0.991325 mg/L	Y 371.029
B 249.772	0.196060	mg/L	0.000585	0.3	2850.06	0.980302 mg/L	Y 371.029
Ba 233.527	0.098762	mg/L	0.000327	0.3	3155.29	0.493810 mg/L	Y 371.029
Ba 455.403	0.098363	mg/L	0.000261	0.3	92934.1	0.491813 mg/L	Y 371.029
Ba 493.408	0.099127	mg/L	0.000211	0.2	61163.5	0.495636 mg/L	Y 371.029
Be 234.861	0.004668	mg/L	0.000122	2.6	422.087	0.023341 mg/L	Y 371.029
Be 313.042	0.004872	mg/L	0.000009	0.2	6897.79	0.024359 mg/L	Y 371.029
Be 313.107	0.004845	mg/L	0.000019	0.4	3219.92	0.024227 mg/L	Y 371.029
Ca 393.366	0.885395	mg/L	0.001848	0.2	1149313	4.42698 mg/L	Y 371.029
Ca 396.847	0.914584	mg/L	0.001347	0.1	1959929	4.57292 mg/L	Y 371.029
Ca 430.253	0.963211	mg/L	0.001540	0.2	3801.49	4.81605 mg/L	Y 371.029
Cd 214.439	0.004906	mg/L	0.000110	2.2	54.5389	0.024528 mg/L	Y 371.029
Cd 226.502	0.004727	mg/L	0.000013	0.3	129.434	0.023634 mg/L	Y 371.029
Cd 228.802	0.004898	mg/L	0.000069	1.4	63.6544	0.024491 mg/L	Y 371.029
Co 228.615	0.019304	mg/L	0.000354	1.8	118.447	0.096519 mg/L	Y 371.029
Co 230.786	0.019009	mg/L	0.000236	1.2	89.6722	0.095045 mg/L	Y 371.029
Co 238.892	0.017918	mg/L	0.000937	5.2	77.9620	0.089590 mg/L	Y 371.029
Cr 205.560	0.049845	mg/L	0.000559	1.1	150.729	0.249226 mg/L	Y 371.029
Cr 206.158	0.049864	mg/L	0.000940	1.9	62.2246	0.249322 mg/L	Y 371.029
Cr 267.716	0.050109	mg/L	0.000045	0.1	849.575	0.250546 mg/L	Y 371.029
Cu 213.598	0.047503	mg/L	0.000493	1.0	111.410	0.237514 mg/L	Y 371.029
Cu 324.754	0.046623	mg/L	0.000043	0.1	1790.73	0.233113 mg/L	Y 371.029
Cu 327.395	0.047935	mg/L	0.000267	0.6	1918.06	0.239675 mg/L	Y 371.029
Fe 234.350	0.387435	mg/L	0.001669	0.4	2641.21	1.93717 mg/L	Y 371.029
Fe 238.204	0.388979	mg/L	0.001358	0.3	5429.83	1.94490 mg/L	Y 371.029
Fe 259.940	0.389575	mg/L	0.002721	0.7	4850.78	1.94788 mg/L	Y 371.029
Ga 287.423	0.002289	mg/L	0.002322	101.4	14.5849	0.011444 mg/L	Y 371.029
Ga 294.363	0.000763	mg/L	0.000448	58.7	11.4585	0.003815 mg/L	Y 371.029
Ga 417.204	0.000404	mg/L	0.000583	144.3	77.1035	0.002020 mg/L	Y 371.029
K 766.491	4.76709	mg/L	0.003029	0.1	272216	23.8355 mg/L	Y 371.029
K 769.897	4.80064	mg/L	0.002459	0.1	223726	24.0032 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.083975n	mg/L	0.000721	0.9	2807.75	0.419876 mg/L	Y 371.029
Li 670.783	0.101005	mg/L	0.000140	0.1	282029	0.505025 mg/L	Y 371.029
Mg 279.078	0.973571	mg/L	0.005596	0.6	1086.29	4.86785 mg/L	Y 371.029
Mg 280.270	1.00033	mg/L	0.012184	1.2	77907.9	5.00165 mg/L	Y 371.029
Mg 285.213	0.993700	mg/L	0.004141	0.4	27934.3	4.96850 mg/L	Y 371.029
Mn 257.610	0.046593n	mg/L	0.000207	0.4	5516.53	0.232966 mg/L	Y 371.029
Mn 259.372	0.047870	mg/L	0.000226	0.5	4276.58	0.239352 mg/L	Y 371.029
Mn 260.568	0.048169	mg/L	0.000477	1.0	735.646	0.240847 mg/L	Y 371.029
Mo 202.032	0.111457	mg/L	0.004074	3.7	327.306	0.557286 mg/L	Y 371.029
Mo 203.846	0.111752	mg/L	0.003186	2.9	141.353	0.558761 mg/L	Y 371.029
Mo 204.598	0.110203	mg/L	0.003560	3.2	161.092	0.551013 mg/L	Y 371.029
Na 568.821	4.81597	mg/L	0.031676	0.7	1038.83	24.0799 mg/L	Y 371.029
Na 588.995	5.31578	mg/L	0.009921	0.2	2329591	26.5789 mg/L	Y 371.029
Na 589.592	4.92468	mg/L	0.010256	0.2	1150466	24.6234 mg/L	Y 371.029
Ni 216.555	0.048085	mg/L	0.000175	0.4	159.678	0.240424 mg/L	Y 371.029
Ni 221.648	0.048354	mg/L	0.000302	0.6	65.8742	0.241771 mg/L	Y 371.029
Ni 231.604	0.049291	mg/L	0.000060	0.1	116.652	0.246454 mg/L	Y 371.029
P 177.434	0.001133uv	mg/L	0.003509	309.6	1.91302	0.005666 mg/L	Y 371.029
P 213.618	-0.003514uv	mg/L	0.002032	57.8	2.43389	-0.017570 mg/L	Y 371.029
P 214.914	0.005557	mg/L	0.007887	141.9	2.76139	0.027786 mg/L	Y 371.029
Pb 220.353	0.052157	mg/L	0.002392	4.6	38.1525	0.260787 mg/L	Y 371.029
Pb 261.417	0.031201	mg/L	0.005300	17.0	15.3718	0.156003 mg/L	Y 371.029
Pb 405.781	0.041567	mg/L	0.001772	4.3	93.9721	0.207837 mg/L	Y 371.029
Sb 206.834	0.134050	mg/L	0.002097	1.6	66.5438	0.670250 mg/L	Y 371.029
Sb 231.146	0.123805	mg/L	0.002249	1.8	52.1696	0.619023 mg/L	Y 371.029
Sb 259.804	0.105127	mg/L	0.008214	7.8	35.8641	0.525634 mg/L	Y 371.029
Se 196.026	0.047268	mg/L	0.001702	3.6	11.5247	0.236341 mg/L	Y 371.029
Se 203.985	0.045582	mg/L	0.006205	13.6	6.58293	0.227909 mg/L	Y 371.029
Si 250.690	0.503513	mg/L	0.004242	0.8	570.720	2.51757 mg/L	Y 371.029
Si 251.611	0.512514	mg/L	0.001642	0.3	628.068	2.56257 mg/L	Y 371.029
Si 288.158	0.501052	mg/L	0.002561	0.5	3751.46	2.50526 mg/L	Y 371.029
Sn 189.927	0.099693	mg/L	0.004881	4.9	22.8377	0.498463 mg/L	Y 371.029
Sn 283.998	0.101270	mg/L	0.002074	2.0	150.848	0.506349 mg/L	Y 371.029
Sr 216.596	0.101379	mg/L	0.001160	1.1	534.451	0.506897 mg/L	Y 371.029
Sr 407.771	0.100144	mg/L	0.000244	0.2	257613	0.500721 mg/L	Y 371.029
Sr 421.552	0.100023	mg/L	0.000355	0.4	170945	0.500114 mg/L	Y 371.029
Ti 334.941	0.097970	mg/L	0.000583	0.6	19757.0	0.489849 mg/L	Y 371.029
Ti 336.122	0.098157	mg/L	0.000291	0.3	8372.68	0.490786 mg/L	Y 371.029
Ti 337.280	0.098123	mg/L	0.000657	0.7	2818.41	0.490615 mg/L	Y 371.029
Tl 190.794	0.041976	mg/L	0.001458	3.5	12.9677	0.209881 mg/L	Y 371.029
Tl 190.807	0.044572	mg/L	0.002853	6.4	6.96707	0.222861 mg/L	Y 371.029
Tl 351.923	0.050093	mg/L	0.001872	3.7	83.7985	0.250465 mg/L	Y 371.029
V 268.796	0.091832	mg/L	0.000224	0.2	793.646	0.459158 mg/L	Y 371.029
V 292.401	0.098475	mg/L	0.000274	0.3	2429.84	0.492374 mg/L	Y 371.029
V 311.837	0.096441	mg/L	0.000239	0.2	3339.69	0.482203 mg/L	Y 371.029
Zn 202.548	0.100992	mg/L	0.000391	0.4	793.276	0.504959 mg/L	Y 371.029
Zn 206.200	0.101852	mg/L	0.000471	0.5	265.252	0.509262 mg/L	Y 371.029
Zn 213.857	0.098200	mg/L	0.000498	0.5	1960.28	0.490999 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.621340	7447.98	31.545	0.4
Y 371.029	1.04881	170954	837.371	0.5

11C0228-01 (Samp) **3/22/2011, 1:19:45 PM** **Rack 1, Tube 13**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000399	mg/L	0.000076	19.1	166.037	0.001996 mg/L	Y 371.029
Ag 338.289	0.000995	mg/L	0.000461	46.3	0.400714	0.004977 mg/L	Y 371.029
Al 237.312	0.047898	mg/L	0.001784	3.7	91.1866	0.239491 mg/L	Y 371.029
Al 257.509	0.048782	mg/L	0.004099	8.4	40.9778	0.243910 mg/L	Y 371.029
Al 308.215	0.032896	mg/L	0.000352	1.1	1322.16	0.164481 mg/L	Y 371.029
As 188.980	0.001334uv	mg/L	0.004443	333.1	3.71974	0.006668 mg/L	Y 371.029
As 193.696	-0.000166uv	mg/L	0.003124	1885.2	2.60044	-0.000829 mg/L	Y 371.029
As 228.812	0.003605	mg/L	0.000307	8.5	8.48933	0.018025 mg/L	Y 371.029
B 182.577	0.003590	mg/L	0.002774	77.3	4.14031	0.017951 mg/L	Y 371.029
B 249.678	0.002905	mg/L	0.000302	10.4	40.0177	0.014527 mg/L	Y 371.029
B 249.772	0.002780	mg/L	0.000218	7.8	71.7458	0.013899 mg/L	Y 371.029
Ba 233.527	0.002051	mg/L	0.000039	1.9	207.414	0.010255 mg/L	Y 371.029
Ba 455.403	0.001925	mg/L	0.000018	0.9	6061.13	0.009626 mg/L	Y 371.029
Ba 493.408	0.001894	mg/L	0.000032	1.7	3966.41	0.009470 mg/L	Y 371.029
Be 234.861	0.000037	mg/L	0.000008	21.4	1.35805	0.000185 mg/L	Y 371.029
Be 313.042	0.000018	mg/L	0.000015	81.7	440.468	0.000089 mg/L	Y 371.029
Be 313.107	0.000046	mg/L	0.000019	41.3	31.8146	0.000231 mg/L	Y 371.029
Ca 393.366	0.031137	mg/L	0.000296	1.0	54691.4	0.155687 mg/L	Y 371.029
Ca 396.847	0.031022	mg/L	0.000170	0.5	90577.8	0.155109 mg/L	Y 371.029
Ca 430.253	0.045641	mg/L	0.002570	5.6	645.399	0.228206 mg/L	Y 371.029
Cd 214.439	0.000126	mg/L	0.000030	23.9	2.60851	0.000631 mg/L	Y 371.029
Cd 226.502	-0.000016uv	mg/L	0.000035	226.9	14.1064	-0.000078 mg/L	Y 371.029
Cd 228.802	0.000125uv	mg/L	0.000208	166.3	11.9280	0.000625 mg/L	Y 371.029
Co 228.615	0.000824	mg/L	0.000137	16.6	2.05453	0.004121 mg/L	Y 371.029
Co 230.786	-0.000143uv	mg/L	0.000035	24.7	4.52815	-0.000715 mg/L	Y 371.029
Co 238.892	0.000038uv	mg/L	0.000199	519.0	1.38560	0.000191 mg/L	Y 371.029
Cr 205.560	0.010406	mg/L	0.001451	13.9	33.0348	0.052031 mg/L	Y 371.029
Cr 206.158	0.011610	mg/L	0.001367	11.8	14.7640	0.058048 mg/L	Y 371.029
Cr 267.716	0.011205	mg/L	0.002038	18.2	200.662	0.056025 mg/L	Y 371.029
Cu 213.598	0.000927	mg/L	0.000653	70.5	2.26450	0.004634 mg/L	Y 371.029
Cu 324.754	-0.000391uv	mg/L	0.000612	156.6	406.004	-0.001955 mg/L	Y 371.029
Cu 327.395	0.001354	mg/L	0.000114	8.4	63.8603	0.006770 mg/L	Y 371.029
Fe 234.350	0.091157	mg/L	0.000311	0.3	626.653	0.455786 mg/L	Y 371.029
Fe 238.204	0.091782	mg/L	0.000292	0.3	1280.67	0.458909 mg/L	Y 371.029
Fe 259.940	0.092131	mg/L	0.000108	0.1	1155.58	0.460657 mg/L	Y 371.029
Ga 287.423	-0.000542uv	mg/L	0.001671	308.5	5.59586	-0.002708 mg/L	Y 371.029
Ga 294.363	0.001645uv	mg/L	0.001609	97.8	14.7329	0.008224 mg/L	Y 371.029
Ga 417.204	-0.000391uv	mg/L	0.000147	37.5	36.5310	-0.001955 mg/L	Y 371.029
K 766.491	0.012865	mg/L	0.000165	1.3	2269.52	0.064326 mg/L	Y 371.029
K 769.897	0.010540	mg/L	0.000871	8.3	6071.35	0.052698 mg/L	Y 371.029
Li 610.365	0.001130n	mg/L	0.000161	14.3	34.7546	0.005650 mg/L	Y 371.029
Li 670.783	-0.000317uv	mg/L	0.000021	6.6	38344.0	-0.001586 mg/L	Y 371.029
Mg 279.078	0.015001	mg/L	0.001983	13.2	27.4320	0.075007 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	0.017478	mg/L	0.006142	35.1	1584.63	0.087388 mg/L	Y 371.029
Mg 285.213	0.013057	mg/L	0.000160	1.2	448.055	0.065285 mg/L	Y 371.029
Mn 257.610	0.001877n	mg/L	0.000041	2.2	198.855	0.009387 mg/L	Y 371.029
Mn 259.372	0.001800	mg/L	0.000040	2.2	173.866	0.009001 mg/L	Y 371.029
Mn 260.568	0.001707	mg/L	0.000022	1.3	28.1846	0.008536 mg/L	Y 371.029
Mo 202.032	0.010552	mg/L	0.002935	27.8	36.6781	0.052760 mg/L	Y 371.029
Mo 203.846	0.009228	mg/L	0.002418	26.2	15.1054	0.046138 mg/L	Y 371.029
Mo 204.598	0.009547	mg/L	0.003284	34.4	15.7075	0.047734 mg/L	Y 371.029
Na 568.821	0.837524	mg/L	0.067030	8.0	90.8549	4.18762 mg/L	Y 371.029
Na 588.995	-0.257966uv	mg/L	0.000559	0.2	110489	-1.28983 mg/L	Y 371.029
Na 589.592	-0.498825uv	mg/L	0.000701	0.1	48988.1	-2.49413 mg/L	Y 371.029
Ni 216.555	0.000803	mg/L	0.000442	55.1	2.47176	0.004015 mg/L	Y 371.029
Ni 221.648	0.000509uv	mg/L	0.000672	132.1	2.05606	0.002545 mg/L	Y 371.029
Ni 231.604	0.000939	mg/L	0.000541	57.7	4.02784	0.004696 mg/L	Y 371.029
P 177.434	0.048003	mg/L	0.001973	4.1	6.91840	0.240015 mg/L	Y 371.029
P 213.618	0.038741	mg/L	0.001878	4.8	19.9271	0.193706 mg/L	Y 371.029
P 214.914	0.046849	mg/L	0.005029	10.7	7.31675	0.234245 mg/L	Y 371.029
Pb 220.353	0.004966	mg/L	0.000757	15.2	4.17201	0.024831 mg/L	Y 371.029
Pb 261.417	0.005729	mg/L	0.002415	42.2	4.73628	0.028647 mg/L	Y 371.029
Pb 405.781	-0.006434uv	mg/L	0.003124	48.5	40.3760	-0.032170 mg/L	Y 371.029
Sb 206.834	0.005746	mg/L	0.000746	13.0	7.67157	0.028729 mg/L	Y 371.029
Sb 231.146	-0.003534uv	mg/L	0.002055	58.1	4.12862	-0.017671 mg/L	Y 371.029
Sb 259.804	0.016681	mg/L	0.004194	25.1	7.48261	0.083406 mg/L	Y 371.029
Se 196.026	0.003333	mg/L	0.000975	29.3	2.99595	0.016665 mg/L	Y 371.029
Se 203.985	0.011691	mg/L	0.002240	19.2	2.52186	0.058455 mg/L	Y 371.029
Si 250.690	0.112982	mg/L	0.001406	1.2	161.883	0.564908 mg/L	Y 371.029
Si 251.611	0.115200	mg/L	0.000813	0.7	178.670	0.576002 mg/L	Y 371.029
Si 288.158	0.106612	mg/L	0.001008	0.9	1427.79	0.533060 mg/L	Y 371.029
Sn 189.927	0.001881	mg/L	0.000788	41.9	2.43407	0.009405 mg/L	Y 371.029
Sn 283.998	0.004327	mg/L	0.001531	35.4	14.2298	0.021633 mg/L	Y 371.029
Sr 216.596	0.000143uv	mg/L	0.000427	298.8	12.1525	0.000714 mg/L	Y 371.029
Sr 407.771	0.000115	mg/L	0.000005	4.7	5760.97	0.000575 mg/L	Y 371.029
Sr 421.552	0.000127	mg/L	0.000004	3.3	3723.00	0.000636 mg/L	Y 371.029
Ti 334.941	0.003046	mg/L	0.000234	7.7	666.077	0.015229 mg/L	Y 371.029
Ti 336.122	0.002939	mg/L	0.000193	6.6	275.529	0.014697 mg/L	Y 371.029
Ti 337.280	0.003072	mg/L	0.000447	14.6	84.3687	0.015359 mg/L	Y 371.029
Tl 190.794	-0.001417uv	mg/L	0.002539	179.2	1.73521	-0.007083 mg/L	Y 371.029
Tl 190.807	0.006842	mg/L	0.005585	81.6	2.00721	0.034212 mg/L	Y 371.029
Tl 351.923	0.000436uv	mg/L	0.003767	863.6	8.98922	0.002181 mg/L	Y 371.029
V 268.796	0.001729	mg/L	0.000653	37.8	30.7798	0.008643 mg/L	Y 371.029
V 292.401	0.000152	mg/L	0.000163	107.2	16.5597	0.000761 mg/L	Y 371.029
V 311.837	0.000743	mg/L	0.000062	8.3	5.13365	0.003713 mg/L	Y 371.029
Zn 202.548	0.003764	mg/L	0.000354	9.4	338.911	0.018822 mg/L	Y 371.029
Zn 206.200	0.004399	mg/L	0.000066	1.5	113.152	0.021995 mg/L	Y 371.029
Zn 213.857	0.002290	mg/L	0.000643	28.1	833.947	0.011451 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.632115	7577.14	26.064	0.3
Y 371.029	1.06610	173773	413.043	0.2

1113048-BLK1 (Samp) **3/22/2011, 1:42:02 PM** **Rack 1, Tube 14**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001550b	mg/L	0.000157	10.1	188.852	-0.015499 mg/L	Y 371.029
Ag 338.289	0.001552b	mg/L	0.000445	28.7	2.22071	0.015520 mg/L	Y 371.029
Al 237.312	0.001538b	mg/L	0.003275	213.0	47.1385	0.015376 mg/L	Y 371.029
Al 257.509	-0.012285uvb	mg/L	0.012599	102.6	21.0076	-0.122848 mg/L	Y 371.029
Al 308.215	0.014512uvb	mg/L	0.002959	20.4	1147.64	0.145122 mg/L	Y 371.029
As 188.980	0.010315b	mg/L	0.001761	17.1	4.22830	0.103146 mg/L	Y 371.029
As 193.696	-0.002550uvb	mg/L	0.000425	16.7	2.70815	-0.025499 mg/L	Y 371.029
As 228.812	0.006497uvb	mg/L	0.000502	7.7	5.85999	0.064969 mg/L	Y 371.029
B 182.577	0.009878b	mg/L	0.000973	9.8	6.22497	0.098778 mg/L	Y 371.029
B 249.678	0.008253b	mg/L	0.000302	3.7	94.2148	0.082527 mg/L	Y 371.029
B 249.772	0.008993b	mg/L	0.000118	1.3	168.015	0.089932 mg/L	Y 371.029
Ba 233.527	0.047745b	mg/L	0.000255	0.5	1604.48	0.477449 mg/L	Y 371.029
Ba 455.403	0.046477b	mg/L	0.000064	0.1	46074.9	0.464775 mg/L	Y 371.029
Ba 493.408	0.045374b	mg/L	0.000169	0.4	29543.5	0.453744 mg/L	Y 371.029
Be 234.861	0.000107b	mg/L	0.000077	72.4	8.50024	0.001070 mg/L	Y 371.029
Be 313.042	0.000049uvb	mg/L	0.000083	167.3	461.664	0.000494 mg/L	Y 371.029
Be 313.107	0.000121b	mg/L	0.000079	65.5	84.0947	0.001209 mg/L	Y 371.029
Ca 393.366	0.047242b	mg/L	0.000486	1.0	80958.6	0.472423 mg/L	Y 371.029
Ca 396.847	0.049647b	mg/L	0.000504	1.0	136652	0.496475 mg/L	Y 371.029
Ca 430.253	0.018528b	mg/L	0.006673	36.0	809.582	0.185279 mg/L	Y 371.029
Cd 214.439	0.000138b	mg/L	0.000101	73.2	2.80941	0.001376 mg/L	Y 371.029
Cd 226.502	-0.000155uvb	mg/L	0.000032	20.8	12.2526	-0.001547 mg/L	Y 371.029
Cd 228.802	0.000094uvb	mg/L	0.000082	86.5	11.2366	0.000943 mg/L	Y 371.029
Co 228.615	0.001486b	mg/L	0.000187	12.6	1.48035	0.014865 mg/L	Y 371.029
Co 230.786	0.000212uvb	mg/L	0.000397	186.9	3.03668	0.002122 mg/L	Y 371.029
Co 238.892	-0.000542b	mg/L	0.000060	11.0	2.73036	-0.005416 mg/L	Y 371.029
Cr 205.560	0.000775b	mg/L	0.000211	27.2	5.28258	0.007747 mg/L	Y 371.029
Cr 206.158	0.000792b	mg/L	0.000539	68.0	2.30008	0.007917 mg/L	Y 371.029
Cr 267.716	0.000520b	mg/L	0.000215	41.3	27.0675	0.005197 mg/L	Y 371.029
Cu 213.598	-0.000378b	mg/L	0.000271	71.7	3.46059	-0.003784 mg/L	Y 371.029
Cu 324.754	0.002123uvb	mg/L	0.000244	11.5	405.791	0.021232 mg/L	Y 371.029
Cu 327.395	0.000242b	mg/L	0.000077	31.6	36.3731	0.002421 mg/L	Y 371.029
Fe 234.350	-0.001134b	mg/L	0.001645	145.1	66.1459	-0.011337 mg/L	Y 371.029
Fe 238.204	-0.003433b	mg/L	0.000968	28.2	122.522	-0.034332 mg/L	Y 371.029
Fe 259.940	-0.002983b	mg/L	0.000921	30.9	119.579	-0.029825 mg/L	Y 371.029
Ga 287.423	-0.001558uvb	mg/L	0.001051	67.5	6.27414	-0.015578 mg/L	Y 371.029
Ga 294.363	-0.000350b	mg/L	0.000214	61.2	12.0135	-0.003504 mg/L	Y 371.029
Ga 417.204	0.000017uvb	mg/L	0.001509	8681.8	46.5678	0.000174 mg/L	Y 371.029
K 766.491	0.044870b	mg/L	0.000216	0.5	4808.94	0.448699 mg/L	Y 371.029
K 769.897	0.036096b	mg/L	0.004736	13.1	8893.13	0.360958 mg/L	Y 371.029
Li 610.365	0.000521n	mg/L	0.000285	54.8	14.3792	0.005212 mg/L	Y 371.029
Li 670.783	0.000129b	mg/L	0.000137	106.8	41456.0	0.001286 mg/L	Y 371.029
Mg 279.078	0.008745b	mg/L	0.003785	43.3	18.9035	0.087453 mg/L	Y 371.029
Mg 280.270	0.004891b	mg/L	0.000297	6.1	713.525	0.048906 mg/L	Y 371.029
Mg 285.213	0.005461b	mg/L	0.002756	50.5	283.165	0.054605 mg/L	Y 371.029
Mn 257.610	0.000609nb	mg/L	0.000013	2.1	24.5058	0.006093 mg/L	Y 371.029
Mn 259.372	-0.000284b	mg/L	0.000032	11.1	44.8086	-0.002841 mg/L	Y 371.029
Mn 260.568	0.000236b	mg/L	0.000059	24.8	7.60614	0.002362 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	-0.061207b	mg/L	0.001060	1.7	15.7953	-0.612069 mg/L	Y 371.029
Mo 203.846	-0.064040b	mg/L	0.002194	3.4	7.36889	-0.640400 mg/L	Y 371.029
Mo 204.598	-0.065009b	mg/L	0.000436	0.7	6.39271	-0.650092 mg/L	Y 371.029
Na 568.821	155.012b	mg/L	0.109092	0.1	36835.0	1550.12 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.48829	1.9	31886950	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.48814	1.9	27188810	- mg/L	Y 371.029
Ni 216.555	0.002568b	mg/L	0.000293	11.4	7.45275	0.025676 mg/L	Y 371.029
Ni 221.648	0.002493b	mg/L	0.000676	27.1	5.10902	0.024928 mg/L	Y 371.029
Ni 231.604	0.003228b	mg/L	0.000122	3.8	7.89727	0.032279 mg/L	Y 371.029
P 177.434	0.013238b	mg/L	0.004879	36.9	2.84173	0.132384 mg/L	Y 371.029
P 213.618	-0.007740uvb	mg/L	0.001064	13.7	3.80786	-0.077399 mg/L	Y 371.029
P 214.914	0.001684uvb	mg/L	0.009883	586.7	1.99852	0.016844 mg/L	Y 371.029
Pb 220.353	0.006163b	mg/L	0.000978	15.9	5.43275	0.061628 mg/L	Y 371.029
Pb 261.417	-0.020081b	mg/L	0.003485	17.4	4.43568	-0.200811 mg/L	Y 371.029
Pb 405.781	-0.013915uvb	mg/L	0.006392	45.9	43.6167	-0.139146 mg/L	Y 371.029
Sb 206.834	-0.010128uvb	mg/L	0.003744	37.0	4.77772	-0.101280 mg/L	Y 371.029
Sb 231.146	0.007680uvb	mg/L	0.005015	65.3	4.62966	0.076801 mg/L	Y 371.029
Sb 259.804	0.011469b	mg/L	0.002804	24.5	3.10746	0.114689 mg/L	Y 371.029
Se 196.026	0.010277b	mg/L	0.001759	17.1	3.83639	0.102766 mg/L	Y 371.029
Se 203.985	0.017271b	mg/L	0.009619	55.7	2.39491	0.172709 mg/L	Y 371.029
Si 250.690	0.036754b	mg/L	0.003384	9.2	89.0322	0.367545 mg/L	Y 371.029
Si 251.611	0.032672b	mg/L	0.000800	2.4	96.1304	0.326725 mg/L	Y 371.029
Si 288.158	0.039926b	mg/L	0.000885	2.2	1021.70	0.399258 mg/L	Y 371.029
Sn 189.927	-0.002703uvb	mg/L	0.001400	51.8	1.81086	-0.027027 mg/L	Y 371.029
Sn 283.998	-0.006360uvb	mg/L	0.001209	19.0	2.99439	-0.063596 mg/L	Y 371.029
Sr 216.596	0.001389b	mg/L	0.000349	25.2	18.1457	0.013892 mg/L	Y 371.029
Sr 407.771	0.000735b	mg/L	0.000032	4.3	7501.84	0.007353 mg/L	Y 371.029
Sr 421.552	0.000719b	mg/L	0.000019	2.7	4863.70	0.007186 mg/L	Y 371.029
Ti 334.941	0.000363b	mg/L	0.000157	43.3	121.000	0.003631 mg/L	Y 371.029
Ti 336.122	0.000206b	mg/L	0.000102	49.9	48.9379	0.002055 mg/L	Y 371.029
Ti 337.280	0.000614b	mg/L	0.000320	52.1	21.4204	0.006139 mg/L	Y 371.029
Tl 190.794	-0.003330uvb	mg/L	0.001960	58.9	2.36872	-0.033297 mg/L	Y 371.029
Tl 190.807	-0.002170uvb	mg/L	0.007887	363.4	1.27348	-0.021702 mg/L	Y 371.029
Tl 351.923	0.002681uvb	mg/L	0.003620	135.0	6.04039	0.026808 mg/L	Y 371.029
V 268.796	-0.007163b	mg/L	0.000181	2.5	25.8285	-0.071630 mg/L	Y 371.029
V 292.401	-0.000024uvb	mg/L	0.000272	1116.3	16.3281	-0.000244 mg/L	Y 371.029
V 311.837	0.000745b	mg/L	0.000100	13.4	7.80925	0.007454 mg/L	Y 371.029
Zn 202.548	0.018034b	mg/L	0.000881	4.9	458.587	0.180335 mg/L	Y 371.029
Zn 206.200	0.017880b	mg/L	0.001121	6.3	151.689	0.178797 mg/L	Y 371.029
Zn 213.857	0.013824b	mg/L	0.000814	5.9	1101.57	0.138236 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.602603	7223.38	68.872	1.0
Y 371.029	0.989128	161226	2536.493	1.6

1113048-BLK2 (Samp) **3/22/2011, 1:45:54 PM** **Rack 1, Tube 15**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000856	mg/L	0.000062	7.2	186.656	0.008559 mg/L	Y 371.029
Ag 338.289	0.000893	mg/L	0.000870	97.4	0.172415	0.008927 mg/L	Y 371.029
Al 237.312	0.071137	mg/L	0.019722	27.7	116.925	0.711369 mg/L	Y 371.029
Al 257.509	0.056868	mg/L	0.006122	10.8	45.0666	0.568680 mg/L	Y 371.029
Al 308.215	0.059716	mg/L	0.015554	26.0	1454.67	0.597156 mg/L	Y 371.029
As 188.980	0.002322uv	mg/L	0.003393	146.1	3.93455	0.023219 mg/L	Y 371.029
As 193.696	-0.003187uv	mg/L	0.001428	44.8	1.74644	-0.031868 mg/L	Y 371.029
As 228.812	0.003559	mg/L	0.000767	21.5	8.33448	0.035593 mg/L	Y 371.029
B 182.577	0.019582	mg/L	0.001832	9.4	9.67919	0.195824 mg/L	Y 371.029
B 249.678	0.019364	mg/L	0.000497	2.6	168.148	0.193642 mg/L	Y 371.029
B 249.772	0.018477	mg/L	0.000410	2.2	297.264	0.184769 mg/L	Y 371.029
Ba 233.527	0.049513	mg/L	0.000072	0.1	1653.34	0.495126 mg/L	Y 371.029
Ba 455.403	0.049639	mg/L	0.000041	0.1	49035.8	0.496393 mg/L	Y 371.029
Ba 493.408	0.048796	mg/L	0.000203	0.4	31549.9	0.487956 mg/L	Y 371.029
Be 234.861	0.000196	mg/L	0.000276	140.9	15.7894	0.001958 mg/L	Y 371.029
Be 313.042	0.000115uv	mg/L	0.000299	261.1	569.001	0.001145 mg/L	Y 371.029
Be 313.107	0.000237	mg/L	0.000291	122.8	158.378	0.002366 mg/L	Y 371.029
Ca 393.366	0.077036	mg/L	0.000702	0.9	113498	0.770362 mg/L	Y 371.029
Ca 396.847	0.077678	mg/L	0.000482	0.6	189309	0.776777 mg/L	Y 371.029
Ca 430.253	0.155658	mg/L	0.048706	31.3	1024.23	1.55658 mg/L	Y 371.029
Cd 214.439	0.000149	mg/L	0.000073	48.9	2.85655	0.001487 mg/L	Y 371.029
Cd 226.502	0.000008uv	mg/L	0.000027	345.7	14.7043	0.000077 mg/L	Y 371.029
Cd 228.802	0.000062uv	mg/L	0.000128	206.6	11.2437	0.000620 mg/L	Y 371.029
Co 228.615	0.000883	mg/L	0.000099	11.2	2.40196	0.008829 mg/L	Y 371.029
Co 230.786	-0.000320uv	mg/L	0.000053	16.7	3.73970	-0.003200 mg/L	Y 371.029
Co 238.892	0.000245uv	mg/L	0.000598	243.9	2.27274	0.002454 mg/L	Y 371.029
Cr 205.560	0.005541	mg/L	0.000775	14.0	18.6460	0.055414 mg/L	Y 371.029
Cr 206.158	0.005977	mg/L	0.001835	30.7	7.85218	0.059772 mg/L	Y 371.029
Cr 267.716	0.005033	mg/L	0.000239	4.7	98.5690	0.050326 mg/L	Y 371.029
Cu 213.598	0.005095	mg/L	0.000428	8.4	11.9758	0.050950 mg/L	Y 371.029
Cu 324.754	0.004779	mg/L	0.000174	3.6	558.144	0.047791 mg/L	Y 371.029
Cu 327.395	0.005757	mg/L	0.000363	6.3	239.086	0.057569 mg/L	Y 371.029
Fe 234.350	0.103014	mg/L	0.000485	0.5	707.282	1.03014 mg/L	Y 371.029
Fe 238.204	0.104069	mg/L	0.000456	0.4	1452.38	1.04069 mg/L	Y 371.029
Fe 259.940	0.104090	mg/L	0.000631	0.6	1304.38	1.04090 mg/L	Y 371.029
Ga 287.423	0.001041	mg/L	0.001015	97.5	8.64884	0.010415 mg/L	Y 371.029
Ga 294.363	0.001759	mg/L	0.000391	22.2	15.3542	0.017593 mg/L	Y 371.029
Ga 417.204	0.000601	mg/L	0.000933	155.2	43.6877	0.006011 mg/L	Y 371.029
K 766.491	0.075122	mg/L	0.000246	0.3	5809.25	0.751222 mg/L	Y 371.029
K 769.897	0.083972	mg/L	0.000781	0.9	9417.51	0.839717 mg/L	Y 371.029
Li 610.365	0.000825n	mg/L	0.000032	3.8	24.5374	0.008247 mg/L	Y 371.029
Li 670.783	0.000340	mg/L	0.000050	14.8	39937.6	0.003397 mg/L	Y 371.029
Mg 279.078	0.020062	mg/L	0.012598	62.8	33.2240	0.200617 mg/L	Y 371.029
Mg 280.270	0.014835	mg/L	0.000501	3.4	1380.50	0.148347 mg/L	Y 371.029
Mg 285.213	0.020326	mg/L	0.009424	46.4	657.056	0.203264 mg/L	Y 371.029
Mn 257.610	0.001287n	mg/L	0.000043	3.4	136.550	0.012873 mg/L	Y 371.029
Mn 259.372	0.001333	mg/L	0.000026	2.0	133.166	0.013331 mg/L	Y 371.029
Mn 260.568	0.001456	mg/L	0.000114	7.9	24.5594	0.014564 mg/L	Y 371.029
Mo 202.032	0.002881	mg/L	0.000437	15.2	16.1934	0.028806 mg/L	Y 371.029
Mo 203.846	0.001274uv	mg/L	0.001744	136.8	6.03113	0.012741 mg/L	Y 371.029
Mo 204.598	0.002619	mg/L	0.000297	11.3	6.52947	0.026189 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Na 568.821	1.82271	mg/L	0.043039	2.4	325.737	18.2271	mg/L	Y 371.029
Na 588.995	1.37196	mg/L	0.004927	0.4	759418	13.7196	mg/L	Y 371.029
Na 589.592	1.09219	mg/L	0.004775	0.4	372074	10.9219	mg/L	Y 371.029
Ni 216.555	0.001835	mg/L	0.001162	63.4	5.90763	0.018347	mg/L	Y 371.029
Ni 221.648	0.001424	mg/L	0.000666	46.8	3.28461	0.014244	mg/L	Y 371.029
Ni 231.604	0.000912	mg/L	0.000451	49.5	3.97055	0.009118	mg/L	Y 371.029
P 177.434	0.018358	mg/L	0.006937	37.8	3.75843	0.183580	mg/L	Y 371.029
P 213.618	0.006300	mg/L	0.000591	9.4	6.30735	0.062999	mg/L	Y 371.029
P 214.914	0.008010	mg/L	0.002338	29.2	2.91654	0.080098	mg/L	Y 371.029
Pb 220.353	0.086481	mg/L	0.000414	0.5	62.8605	0.864808	mg/L	Y 371.029
Pb 261.417	0.078728	mg/L	0.003226	4.1	34.9469	0.787277	mg/L	Y 371.029
Pb 405.781	0.076652	mg/L	0.010351	13.5	132.026	0.766516	mg/L	Y 371.029
Sb 206.834	-0.000676uv	mg/L	0.003013	445.8	4.79603	-0.006759	mg/L	Y 371.029
Sb 231.146	-0.005532uv	mg/L	0.002238	40.4	3.35945	-0.055323	mg/L	Y 371.029
Sb 259.804	0.002458uv	mg/L	0.004685	190.6	2.97944	0.024581	mg/L	Y 371.029
Se 196.026	0.008184	mg/L	0.003878	47.4	3.93211	0.081844	mg/L	Y 371.029
Se 203.985	0.010585	mg/L	0.007523	71.1	2.35780	0.105846	mg/L	Y 371.029
Si 250.690	0.104231	mg/L	0.001817	1.7	152.843	1.04231	mg/L	Y 371.029
Si 251.611	0.105317	mg/L	0.003030	2.9	167.557	1.05317	mg/L	Y 371.029
Si 288.158	0.099116	mg/L	0.001142	1.2	1383.81	0.991155	mg/L	Y 371.029
Sn 189.927	-0.001514uv	mg/L	0.000890	58.8	1.72907	-0.015137	mg/L	Y 371.029
Sn 283.998	0.003113	mg/L	0.001271	40.8	10.3189	0.031127	mg/L	Y 371.029
Sr 216.596	0.001904	mg/L	0.000098	5.1	21.3842	0.019040	mg/L	Y 371.029
Sr 407.771	0.001412	mg/L	0.000036	2.5	9103.26	0.014123	mg/L	Y 371.029
Sr 421.552	0.001420	mg/L	0.000037	2.6	5938.33	0.014199	mg/L	Y 371.029
Ti 334.941	0.002111	mg/L	0.000108	5.1	478.938	0.021112	mg/L	Y 371.029
Ti 336.122	0.002018	mg/L	0.000108	5.4	197.607	0.020182	mg/L	Y 371.029
Ti 337.280	0.002125	mg/L	0.000157	7.4	57.2921	0.021250	mg/L	Y 371.029
Tl 190.794	-0.001171uv	mg/L	0.001335	114.0	1.80750	-0.011707	mg/L	Y 371.029
Tl 190.807	0.007512	mg/L	0.004555	60.6	2.09118	0.075120	mg/L	Y 371.029
Tl 351.923	0.002448uv	mg/L	0.004813	196.6	11.9787	0.024478	mg/L	Y 371.029
V 268.796	0.002250	mg/L	0.000322	14.3	30.7826	0.022500	mg/L	Y 371.029
V 292.401	0.001006	mg/L	0.000573	57.0	37.6022	0.010058	mg/L	Y 371.029
V 311.837	0.001358	mg/L	0.000410	30.2	26.5850	0.013578	mg/L	Y 371.029
Zn 202.548	0.035293	mg/L	0.000761	2.2	485.682	0.352935	mg/L	Y 371.029
Zn 206.200	0.035300	mg/L	0.000758	2.1	161.229	0.352998	mg/L	Y 371.029
Zn 213.857	0.032081	mg/L	0.000234	0.7	1182.27	0.320808	mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.599712	7188.72	7.190	0.1
Y 371.029	1.00673	164095	403.628	0.2

1113048-BS1 (Samp) **3/22/2011, 1:49:30 PM** **Rack 1, Tube 16**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Ag 328.068	0.555482	mg/L	0.001017	0.2	24411.3	0.555482	mg/L	Y 371.029
Ag 338.289	0.532277	mg/L	0.000688	0.1	1428.53	0.532277	mg/L	Y 371.029
Al 237.312	5.24521	mg/L	0.013029	0.2	5842.33	5.24521	mg/L	Y 371.029
Al 257.509	5.20753	mg/L	0.010397	0.2	2606.50	5.20753	mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	5.43411	mg/L	0.007131	0.1	28352.7	5.43411 mg/L	Y 371.029
As 188.980	1.06603	mg/L	0.001325	0.1	247.156	1.06603 mg/L	Y 371.029
As 193.696	1.05612	mg/L	0.009078	0.9	302.803	1.05612 mg/L	Y 371.029
As 228.812	1.82577	mg/L	0.020179	1.1	3109.46	1.82577 mg/L	Y 371.029
B 182.577	1.02078	mg/L	0.002288	0.2	356.746	1.02078 mg/L	Y 371.029
B 249.678	1.01444	mg/L	0.004672	0.5	7917.61	1.01444 mg/L	Y 371.029
B 249.772	1.00989	mg/L	0.002500	0.2	14600.8	1.00989 mg/L	Y 371.029
Ba 233.527	1.07395	mg/L	0.003722	0.3	32877.9	1.07395 mg/L	Y 371.029
Ba 455.403	1.02265	mg/L	0.003567	0.3	925549	1.02265 mg/L	Y 371.029
Ba 493.408	1.01007	mg/L	0.003617	0.4	597009	1.01007 mg/L	Y 371.029
Be 234.861	1.07933	mg/L	0.001987	0.2	98008.8	1.07933 mg/L	Y 371.029
Be 313.042	1.08880	mg/L	0.001564	0.1	1447468	1.08880 mg/L	Y 371.029
Be 313.107	1.08766	mg/L	0.001746	0.2	722788	1.08766 mg/L	Y 371.029
Ca 393.366	7.83028	mg/L	0.004434	0.1	10048361	7.83028 mg/L	Y 371.029
Ca 396.847	8.64638	mg/L	0.004044	0.0	18317974	8.64638 mg/L	Y 371.029
Ca 430.253	10.2580	mg/L	0.002666	0.0	35714.2	10.2580 mg/L	Y 371.029
Cd 214.439	1.07102	mg/L	0.003647	0.3	11637.0	1.07102 mg/L	Y 371.029
Cd 226.502	1.07180	mg/L	0.000959	0.1	25977.4	1.07180 mg/L	Y 371.029
Cd 228.802	1.05230	mg/L	0.004802	0.5	11390.5	1.05230 mg/L	Y 371.029
Co 228.615	1.06545	mg/L	0.001949	0.2	6650.38	1.06545 mg/L	Y 371.029
Co 230.786	1.06170	mg/L	0.001839	0.2	4708.46	1.06170 mg/L	Y 371.029
Co 238.892	1.03602	mg/L	0.005986	0.6	4447.46	1.03602 mg/L	Y 371.029
Cr 205.560	1.06908	mg/L	0.006315	0.6	3176.14	1.06908 mg/L	Y 371.029
Cr 206.158	1.08267	mg/L	0.003094	0.3	1335.97	1.08267 mg/L	Y 371.029
Cr 267.716	1.06426	mg/L	0.000381	0.0	17674.9	1.06426 mg/L	Y 371.029
Cu 213.598	1.09292	mg/L	0.004625	0.4	2551.31	1.09292 mg/L	Y 371.029
Cu 324.754	1.02580	mg/L	0.007810	0.8	30679.0	1.02580 mg/L	Y 371.029
Cu 327.395	1.04187	mg/L	0.002250	0.2	41453.6	1.04187 mg/L	Y 371.029
Fe 234.350	5.26584	mg/L	0.018612	0.4	35585.8	5.26584 mg/L	Y 371.029
Fe 238.204	5.29483	mg/L	0.050975	1.0	73414.6	5.29483 mg/L	Y 371.029
Fe 259.940	5.30147	mg/L	0.029927	0.6	65433.1	5.30147 mg/L	Y 371.029
Ga 287.423	1.05449	mg/L	0.001695	0.2	2016.99	1.05449 mg/L	Y 371.029
Ga 294.363	1.03586	mg/L	0.002055	0.2	5299.77	1.03586 mg/L	Y 371.029
Ga 417.204	1.01990	mg/L	0.002764	0.3	8033.13	1.01990 mg/L	Y 371.029
K 766.491	10.0575	mg/L	0.032648	0.3	572749	10.0575 mg/L	Y 371.029
K 769.897	10.5599	mg/L	0.114096	1.1	485571	10.5599 mg/L	Y 371.029
Li 610.365	1.14908n	mg/L	0.002026	0.2	38459.1	1.14908 mg/L	Y 371.029
Li 670.783	1.09455	mg/L	0.001522	0.1	2671328	1.09455 mg/L	Y 371.029
Mg 279.078	10.7315	mg/L	0.014011	0.1	11865.3	10.7315 mg/L	Y 371.029
Mg 280.270	10.2302	mg/L	0.017039	0.2	794643	10.2302 mg/L	Y 371.029
Mg 285.213	11.0644	mg/L	0.125387	1.1	310194	11.0644 mg/L	Y 371.029
Mn 257.610	1.03046n	mg/L	0.005545	0.5	119018	1.03046 mg/L	Y 371.029
Mn 259.372	1.03597	mg/L	0.006889	0.7	91240.8	1.03597 mg/L	Y 371.029
Mn 260.568	1.06390	mg/L	0.004741	0.4	16096.0	1.06390 mg/L	Y 371.029
Mo 202.032	1.00962	mg/L	0.022498	2.2	2873.82	1.00962 mg/L	Y 371.029
Mo 203.846	0.999781	mg/L	0.017587	1.8	1217.60	0.999781 mg/L	Y 371.029
Mo 204.598	0.989368	mg/L	0.022222	2.2	1410.30	0.989368 mg/L	Y 371.029
Na 568.821	9.75033	mg/L	0.049340	0.5	2208.16	9.75033 mg/L	Y 371.029
Na 588.995	10.9043	mg/L	0.009068	0.1	4556878	10.9043 mg/L	Y 371.029
Na 589.592	11.4396	mg/L	0.025043	0.2	2474797	11.4396 mg/L	Y 371.029
Ni 216.555	1.06919	mg/L	0.002620	0.2	3551.01	1.06919 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	1.07139	mg/L	0.001412	0.1	1428.18	1.07139 mg/L	Y 371.029
Ni 231.604	1.08207	mg/L	0.008529	0.8	2519.29	1.08207 mg/L	Y 371.029
P 177.434	1.07536	mg/L	0.017004	1.6	116.371	1.07536 mg/L	Y 371.029
P 213.618	1.06665	mg/L	0.012022	1.1	456.126	1.06665 mg/L	Y 371.029
P 214.914	1.05591	mg/L	0.008843	0.8	123.463	1.05591 mg/L	Y 371.029
Pb 220.353	1.07107	mg/L	0.002847	0.3	771.783	1.07107 mg/L	Y 371.029
Pb 261.417	0.806372	mg/L	0.012721	1.6	334.746	0.806372 mg/L	Y 371.029
Pb 405.781	1.02344	mg/L	0.003469	0.3	1178.49	1.02344 mg/L	Y 371.029
Sb 206.834	1.15221	mg/L	0.006315	0.5	534.152	1.15221 mg/L	Y 371.029
Sb 231.146	1.14942	mg/L	0.000616	0.1	439.070	1.14942 mg/L	Y 371.029
Sb 259.804	0.875532	mg/L	0.033816	3.9	283.482	0.875532 mg/L	Y 371.029
Se 196.026	1.04907	mg/L	0.018640	1.8	205.630	1.04907 mg/L	Y 371.029
Se 203.985	1.06573	mg/L	0.023141	2.2	129.020	1.06573 mg/L	Y 371.029
Si 250.690	1.11224	mg/L	0.000569	0.1	1220.11	1.11224 mg/L	Y 371.029
Si 251.611	1.11634	mg/L	0.000572	0.1	1331.32	1.11634 mg/L	Y 371.029
Si 288.158	1.09304	mg/L	0.007262	0.7	7246.52	1.09304 mg/L	Y 371.029
Sn 189.927	1.06143	mg/L	0.002106	0.2	223.407	1.06143 mg/L	Y 371.029
Sn 283.998	1.14664	mg/L	0.007058	0.6	1893.48	1.14664 mg/L	Y 371.029
Sr 216.596	1.14225	mg/L	0.002581	0.2	5905.86	1.14225 mg/L	Y 371.029
Sr 407.771	1.05527	mg/L	0.009719	0.9	2663285	1.05527 mg/L	Y 371.029
Sr 421.552	1.04992	mg/L	0.009331	0.9	1761670	1.04992 mg/L	Y 371.029
Ti 334.941	1.02611	mg/L	0.001320	0.1	206380	1.02611 mg/L	Y 371.029
Ti 336.122	1.02711	mg/L	0.001204	0.1	87348.5	1.02711 mg/L	Y 371.029
Ti 337.280	1.03834	mg/L	0.001036	0.1	29855.5	1.03834 mg/L	Y 371.029
Tl 190.794	1.06178	mg/L	0.006048	0.6	275.842	1.06178 mg/L	Y 371.029
Tl 190.807	1.06245	mg/L	0.008044	0.8	139.335	1.06245 mg/L	Y 371.029
Tl 351.923	1.05455	mg/L	0.004261	0.4	1594.15	1.05455 mg/L	Y 371.029
V 268.796	0.964073	mg/L	0.002396	0.2	8086.86	0.964073 mg/L	Y 371.029
V 292.401	1.06415	mg/L	0.000902	0.1	26121.9	1.06415 mg/L	Y 371.029
V 311.837	1.06057	mg/L	0.000141	0.0	36931.4	1.06057 mg/L	Y 371.029
Zn 202.548	1.10742	mg/L	0.003465	0.3	5492.16	1.10742 mg/L	Y 371.029
Zn 206.200	1.10814	mg/L	0.004373	0.4	1831.62	1.10814 mg/L	Y 371.029
Zn 213.857	1.07537	mg/L	0.012065	1.1	13426.0	1.07537 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.600140	7193.85	48.886	0.7
Y 371.029	0.996600	162444	1118.888	0.7

1113048-BS2 (Samp) **3/22/2011, 1:53:43 PM** **Rack 1, Tube 17**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.104747	mg/L	0.000261	0.2	4723.77	0.104747 mg/L	Y 371.029
Ag 338.289	0.100714	mg/L	0.000431	0.4	268.463	0.100714 mg/L	Y 371.029
Al 237.312	1.03612	mg/L	0.001771	0.2	1184.75	1.03612 mg/L	Y 371.029
Al 257.509	1.03220	mg/L	0.003733	0.4	530.041	1.03220 mg/L	Y 371.029
Al 308.215	1.05147	mg/L	0.004085	0.4	6421.17	1.05147 mg/L	Y 371.029
As 188.980	0.213390	mg/L	0.004151	1.9	52.2081	0.213390 mg/L	Y 371.029
As 193.696	0.208763	mg/L	0.000422	0.2	61.9791	0.208763 mg/L	Y 371.029
As 228.812	0.361245	mg/L	0.005989	1.7	618.756	0.361245 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.207566	mg/L	0.000887	0.4	74.8462	0.207566 mg/L	Y 371.029
B 249.678	0.208966	mg/L	0.001005	0.5	1644.59	0.208966 mg/L	Y 371.029
B 249.772	0.207331	mg/L	0.000927	0.4	3021.38	0.207331 mg/L	Y 371.029
Ba 233.527	0.211605	mg/L	0.001004	0.5	6594.36	0.211605 mg/L	Y 371.029
Ba 455.403	0.206573	mg/L	0.000248	0.1	190411	0.206573 mg/L	Y 371.029
Ba 493.408	0.203500	mg/L	0.000169	0.1	122557	0.203500 mg/L	Y 371.029
Be 234.861	0.210479	mg/L	0.001629	0.8	19110.9	0.210479 mg/L	Y 371.029
Be 313.042	0.217098	mg/L	0.000468	0.2	288947	0.217098 mg/L	Y 371.029
Be 313.107	0.215610	mg/L	0.000581	0.3	143282	0.215610 mg/L	Y 371.029
Ca 393.366	1.81752	mg/L	0.024406	1.3	2343441	1.81752 mg/L	Y 371.029
Ca 396.847	1.89251	mg/L	0.025361	1.3	4028764	1.89251 mg/L	Y 371.029
Ca 430.253	2.04583	mg/L	0.010059	0.5	7513.35	2.04583 mg/L	Y 371.029
Cd 214.439	0.212475	mg/L	0.000737	0.3	2309.60	0.212475 mg/L	Y 371.029
Cd 226.502	0.211022	mg/L	0.000398	0.2	5126.15	0.211022 mg/L	Y 371.029
Cd 228.802	0.208221	mg/L	0.001346	0.6	2262.34	0.208221 mg/L	Y 371.029
Co 228.615	0.208314	mg/L	0.001740	0.8	1297.73	0.208314 mg/L	Y 371.029
Co 230.786	0.208580	mg/L	0.001456	0.7	929.098	0.208580 mg/L	Y 371.029
Co 238.892	0.203190	mg/L	0.001182	0.6	873.368	0.203190 mg/L	Y 371.029
Cr 205.560	0.207658	mg/L	0.000100	0.0	618.680	0.207658 mg/L	Y 371.029
Cr 206.158	0.212080	mg/L	0.001066	0.5	262.059	0.212080 mg/L	Y 371.029
Cr 267.716	0.210055	mg/L	0.000865	0.4	3500.37	0.210055 mg/L	Y 371.029
Cu 213.598	0.211328	mg/L	0.001188	0.6	493.417	0.211328 mg/L	Y 371.029
Cu 324.754	0.199092	mg/L	0.000249	0.1	6290.81	0.199092 mg/L	Y 371.029
Cu 327.395	0.203903	mg/L	0.000369	0.2	8120.54	0.203903 mg/L	Y 371.029
Fe 234.350	1.04811	mg/L	0.003099	0.3	7092.86	1.04811 mg/L	Y 371.029
Fe 238.204	1.04702	mg/L	0.005655	0.5	14526.2	1.04702 mg/L	Y 371.029
Fe 259.940	1.03952	mg/L	0.008656	0.8	12847.5	1.03952 mg/L	Y 371.029
Ga 287.423	0.205848	mg/L	0.003184	1.5	398.726	0.205848 mg/L	Y 371.029
Ga 294.363	0.207446	mg/L	0.001629	0.8	1066.31	0.207446 mg/L	Y 371.029
Ga 417.204	0.202121	mg/L	0.000433	0.2	1623.02	0.202121 mg/L	Y 371.029
K 766.491	2.08877	mg/L	0.003560	0.2	120165	2.08877 mg/L	Y 371.029
K 769.897	2.08837	mg/L	0.004115	0.2	100512	2.08837 mg/L	Y 371.029
Li 610.365	0.203288n	mg/L	0.000224	0.1	6801.40	0.203288 mg/L	Y 371.029
Li 670.783	0.213703	mg/L	0.000235	0.1	553025	0.213703 mg/L	Y 371.029
Mg 279.078	2.11612	mg/L	0.005517	0.3	2348.35	2.11612 mg/L	Y 371.029
Mg 280.270	2.09759	mg/L	0.017093	0.8	163113	2.09759 mg/L	Y 371.029
Mg 285.213	2.14685	mg/L	0.026571	1.2	60254.7	2.14685 mg/L	Y 371.029
Mn 257.610	0.205638n	mg/L	0.001709	0.8	23727.4	0.205638 mg/L	Y 371.029
Mn 259.372	0.206699	mg/L	0.001938	0.9	18212.0	0.206699 mg/L	Y 371.029
Mn 260.568	0.209132	mg/L	0.000270	0.1	3165.75	0.209132 mg/L	Y 371.029
Mo 202.032	0.214135	mg/L	0.005752	2.7	614.359	0.214135 mg/L	Y 371.029
Mo 203.846	0.212085	mg/L	0.006753	3.2	261.154	0.212085 mg/L	Y 371.029
Mo 204.598	0.212057	mg/L	0.005120	2.4	303.676	0.212057 mg/L	Y 371.029
Na 568.821	2.31585	mg/L	0.018806	0.8	441.828	2.31585 mg/L	Y 371.029
Na 588.995	2.15339	mg/L	0.001132	0.1	1070990	2.15339 mg/L	Y 371.029
Na 589.592	1.79484	mg/L	0.000745	0.0	515055	1.79484 mg/L	Y 371.029
Ni 216.555	0.210097	mg/L	0.000532	0.3	697.527	0.210097 mg/L	Y 371.029
Ni 221.648	0.209862	mg/L	0.000632	0.3	280.823	0.209862 mg/L	Y 371.029
Ni 231.604	0.211707	mg/L	0.000284	0.1	494.328	0.211707 mg/L	Y 371.029
P 177.434	0.199857	mg/L	0.011027	5.5	23.0968	0.199857 mg/L	Y 371.029
P 213.618	0.202365	mg/L	0.010736	5.3	89.4814	0.202365 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.226005	mg/L	0.017763	7.9	27.9718	0.226005 mg/L	Y 371.029
Pb 220.353	0.213766	mg/L	0.001592	0.7	154.508	0.213766 mg/L	Y 371.029
Pb 261.417	0.155528	mg/L	0.009155	5.9	66.4664	0.155528 mg/L	Y 371.029
Pb 405.781	0.195583	mg/L	0.005499	2.8	263.614	0.195583 mg/L	Y 371.029
Sb 206.834	0.221310	mg/L	0.004351	2.0	106.679	0.221310 mg/L	Y 371.029
Sb 231.146	0.226559	mg/L	0.010918	4.8	90.9174	0.226559 mg/L	Y 371.029
Sb 259.804	0.172985	mg/L	0.007715	4.5	57.7201	0.172985 mg/L	Y 371.029
Se 196.026	0.215889	mg/L	0.003086	1.4	44.1815	0.215889 mg/L	Y 371.029
Se 203.985	0.211516	mg/L	0.005505	2.6	26.4873	0.211516 mg/L	Y 371.029
Si 250.690	0.251000	mg/L	0.005585	2.2	308.936	0.251000 mg/L	Y 371.029
Si 251.611	0.250792	mg/L	0.002431	1.0	336.596	0.250792 mg/L	Y 371.029
Si 288.158	0.239658	mg/L	0.001241	0.5	2213.42	0.239658 mg/L	Y 371.029
Sn 189.927	0.208775	mg/L	0.004730	2.3	45.5811	0.208775 mg/L	Y 371.029
Sn 283.998	0.223763	mg/L	0.002490	1.1	372.912	0.223763 mg/L	Y 371.029
Sr 216.596	0.222292	mg/L	0.000447	0.2	1158.51	0.222292 mg/L	Y 371.029
Sr 407.771	0.207013	mg/L	0.002652	1.3	526833	0.207013 mg/L	Y 371.029
Sr 421.552	0.212071	mg/L	0.001456	0.7	358560	0.212071 mg/L	Y 371.029
Ti 334.941	0.203433	mg/L	0.001831	0.9	40958.1	0.203433 mg/L	Y 371.029
Ti 336.122	0.205720	mg/L	0.000909	0.4	17514.9	0.205720 mg/L	Y 371.029
Ti 337.280	0.206911	mg/L	0.000218	0.1	5946.04	0.206911 mg/L	Y 371.029
Tl 190.794	0.208183	mg/L	0.002681	1.3	55.7687	0.208183 mg/L	Y 371.029
Tl 190.807	0.207675	mg/L	0.009684	4.7	28.1424	0.207675 mg/L	Y 371.029
Tl 351.923	0.205603	mg/L	0.003831	1.9	317.542	0.205603 mg/L	Y 371.029
V 268.796	0.193898	mg/L	0.000431	0.2	1642.23	0.193898 mg/L	Y 371.029
V 292.401	0.210142	mg/L	0.001186	0.6	5168.47	0.210142 mg/L	Y 371.029
V 311.837	0.206238	mg/L	0.000103	0.1	7164.65	0.206238 mg/L	Y 371.029
Zn 202.548	0.220424	mg/L	0.000798	0.4	1350.37	0.220424 mg/L	Y 371.029
Zn 206.200	0.220167	mg/L	0.001374	0.6	449.061	0.220167 mg/L	Y 371.029
Zn 213.857	0.214645	mg/L	0.000505	0.2	3325.31	0.214645 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.611775	7333.33	35.049	0.5
Y 371.029	1.02069	166370	896.536	0.5

11C0409-01 (Samp) **3/22/2011, 1:57:29 PM** **Rack 1, Tube 18**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001923b	mg/L	0.000131	6.8	200.860	-0.019227 mg/L	Y 371.029
Ag 338.289	0.001401b	mg/L	0.001315	93.8	1.86891	0.014011 mg/L	Y 371.029
Al 237.312	0.050574b	mg/L	0.003263	6.5	103.203	0.505741 mg/L	Y 371.029
Al 257.509	0.032396b	mg/L	0.006343	19.6	45.9291	0.323958 mg/L	Y 371.029
Al 308.215	0.070435b	mg/L	0.001214	1.7	1406.19	0.704355 mg/L	Y 371.029
As 188.980	0.016824b	mg/L	0.002528	15.0	5.31334	0.168245 mg/L	Y 371.029
As 193.696	-0.001030uvb	mg/L	0.004557	442.4	3.34683	-0.010299 mg/L	Y 371.029
As 228.812	0.009869b	mg/L	0.001074	10.9	8.12640	0.098689 mg/L	Y 371.029
B 182.577	0.028272b	mg/L	0.000738	2.6	12.5717	0.282721 mg/L	Y 371.029
B 249.678	0.027003b	mg/L	0.000685	2.5	243.364	0.270030 mg/L	Y 371.029
B 249.772	0.027591b	mg/L	0.000553	2.0	439.702	0.275905 mg/L	Y 371.029
Ba 233.527	0.039839b	mg/L	0.000338	0.8	1365.01	0.398390 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.039050b	mg/L	0.000247	0.6	39355.9	0.390498 mg/L	Y 371.029
Ba 493.408	0.038101b	mg/L	0.000211	0.6	25268.4	0.381015 mg/L	Y 371.029
Be 234.861	0.000057b	mg/L	0.000034	60.0	4.17984	0.000567 mg/L	Y 371.029
Be 313.042	0.000105b	mg/L	0.000034	32.3	530.127	0.001053 mg/L	Y 371.029
Be 313.107	0.000131b	mg/L	0.000038	29.2	91.3647	0.001309 mg/L	Y 371.029
Ca 393.366	0.044750b	mg/L	0.001412	3.2	79300.9	0.447495 mg/L	Y 371.029
Ca 396.847	0.044949b	mg/L	0.000973	2.2	128491	0.449493 mg/L	Y 371.029
Ca 430.253	-0.003185b	mg/L	0.003353	105.3	802.734	-0.031845 mg/L	Y 371.029
Cd 214.439	0.000270b	mg/L	0.000253	93.7	4.27272	0.002697 mg/L	Y 371.029
Cd 226.502	-0.000143uvb	mg/L	0.000035	24.6	13.1241	-0.001430 mg/L	Y 371.029
Cd 228.802	0.000148uvb	mg/L	0.000134	90.5	11.7259	0.001482 mg/L	Y 371.029
Co 228.615	0.001688b	mg/L	0.000080	4.7	1.83232	0.016875 mg/L	Y 371.029
Co 230.786	0.000279uvb	mg/L	0.000264	94.5	2.81326	0.002795 mg/L	Y 371.029
Co 238.892	-0.000398b	mg/L	0.000099	24.9	3.84542	-0.003980 mg/L	Y 371.029
Cr 205.560	0.000736b	mg/L	0.000398	54.0	5.48057	0.007357 mg/L	Y 371.029
Cr 206.158	0.000510b	mg/L	0.000342	66.9	2.22119	0.005105 mg/L	Y 371.029
Cr 267.716	0.001145b	mg/L	0.000219	19.1	38.8786	0.011451 mg/L	Y 371.029
Cu 213.598	0.011788b	mg/L	0.002147	18.2	33.1089	0.117884 mg/L	Y 371.029
Cu 324.754	0.005477b	mg/L	0.000318	5.8	485.927	0.054765 mg/L	Y 371.029
Cu 327.395	0.003010b	mg/L	0.000055	1.8	151.935	0.030102 mg/L	Y 371.029
Fe 234.350	0.204360b	mg/L	0.001626	0.8	1464.09	2.04360 mg/L	Y 371.029
Fe 238.204	0.203320b	mg/L	0.001487	0.7	3019.71	2.03320 mg/L	Y 371.029
Fe 259.940	0.204587b	mg/L	0.002066	1.0	2707.55	2.04587 mg/L	Y 371.029
Ga 287.423	-0.000722uvb	mg/L	0.001820	252.0	9.78598	-0.007220 mg/L	Y 371.029
Ga 294.363	-0.000209b	mg/L	0.000328	157.0	14.7495	-0.002089 mg/L	Y 371.029
Ga 417.204	0.000443b	mg/L	0.000918	207.0	52.4888	0.004435 mg/L	Y 371.029
K 766.491	0.075945b	mg/L	0.000324	0.4	6762.79	0.759454 mg/L	Y 371.029
K 769.897	0.061271b	mg/L	0.001613	2.6	10472.5	0.612709 mg/L	Y 371.029
Li 610.365	0.000743n	mg/L	0.000063	8.5	21.8150	0.007434 mg/L	Y 371.029
Li 670.783	0.000203b	mg/L	0.000065	32.1	42173.0	0.002029 mg/L	Y 371.029
Mg 279.078	0.009976b	mg/L	0.002094	21.0	19.8076	0.099758 mg/L	Y 371.029
Mg 280.270	0.009664b	mg/L	0.001882	19.5	1112.30	0.096645 mg/L	Y 371.029
Mg 285.213	0.007788b	mg/L	0.000963	12.4	359.608	0.077877 mg/L	Y 371.029
Mn 257.610	0.003089nb	mg/L	0.000014	0.5	314.459	0.030894 mg/L	Y 371.029
Mn 259.372	0.002229b	mg/L	0.000049	2.2	302.215	0.022287 mg/L	Y 371.029
Mn 260.568	0.002561b	mg/L	0.000112	4.4	43.4810	0.025606 mg/L	Y 371.029
Mo 202.032	-0.059319b	mg/L	0.003509	5.9	68.7200	-0.593188 mg/L	Y 371.029
Mo 203.846	-0.062455b	mg/L	0.004124	6.6	30.4159	-0.624555 mg/L	Y 371.029
Mo 204.598	-0.064345b	mg/L	0.003778	5.9	32.5219	-0.643447 mg/L	Y 371.029
Na 568.821	195.357b	mg/L	0.737652	0.4	46450.5	1953.57 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.964399	1.1	34079792	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.91080	1.3	28978154	- mg/L	Y 371.029
Ni 216.555	0.001431b	mg/L	0.000316	22.1	3.82735	0.014311 mg/L	Y 371.029
Ni 221.648	0.000628b	mg/L	0.000357	56.8	2.88071	0.006280 mg/L	Y 371.029
Ni 231.604	0.001744b	mg/L	0.000607	34.8	4.31670	0.017439 mg/L	Y 371.029
P 177.434	48.3049b	mg/L	0.212044	0.4	5147.32	483.049 mg/L	Y 371.029
P 213.618	48.9286b	mg/L	0.084689	0.2	20600.1	489.286 mg/L	Y 371.029
P 214.914	47.9724b	mg/L	0.213484	0.4	5435.40	479.724 mg/L	Y 371.029
Pb 220.353	0.008187b	mg/L	0.000814	9.9	6.99488	0.081868 mg/L	Y 371.029
Pb 261.417	-0.020941b	mg/L	0.002577	12.3	6.78553	-0.209412 mg/L	Y 371.029
Pb 405.781	-0.008277uvb	mg/L	0.008645	104.4	52.8637	-0.082768 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.010169uvb	mg/L	0.003918	38.5	5.92802	-0.101694 mg/L	Y 371.029
Sb 231.146	0.004953uvb	mg/L	0.001205	24.3	2.70148	0.049534 mg/L	Y 371.029
Sb 259.804	0.018609b	mg/L	0.000879	4.7	4.81497	0.186088 mg/L	Y 371.029
Se 196.026	0.010839b	mg/L	0.004964	45.8	3.81376	0.108392 mg/L	Y 371.029
Se 203.985	0.025660b	mg/L	0.011050	43.1	3.16358	0.256601 mg/L	Y 371.029
Si 250.690	0.091614b	mg/L	0.002828	3.1	147.999	0.916143 mg/L	Y 371.029
Si 251.611	0.084042b	mg/L	0.000633	0.8	156.874	0.840424 mg/L	Y 371.029
Si 288.158	0.094868b	mg/L	0.001851	2.0	1341.39	0.948680 mg/L	Y 371.029
Sn 189.927	0.004095b	mg/L	0.005073	123.9	3.31556	0.040950 mg/L	Y 371.029
Sn 283.998	0.000502b	mg/L	0.003085	614.2	13.0880	0.005023 mg/L	Y 371.029
Sr 216.596	0.001444b	mg/L	0.000293	20.3	18.3828	0.014439 mg/L	Y 371.029
Sr 407.771	0.000791b	mg/L	0.000039	4.9	7671.33	0.007905 mg/L	Y 371.029
Sr 421.552	0.000767b	mg/L	0.000049	6.4	4973.92	0.007673 mg/L	Y 371.029
Ti 334.941	0.002045b	mg/L	0.000580	28.3	459.540	0.020453 mg/L	Y 371.029
Ti 336.122	0.001894b	mg/L	0.000549	29.0	194.717	0.018938 mg/L	Y 371.029
Ti 337.280	0.001775b	mg/L	0.000380	21.4	57.0924	0.017753 mg/L	Y 371.029
Tl 190.794	-0.004597uvb	mg/L	0.001859	40.4	2.33940	-0.045966 mg/L	Y 371.029
Tl 190.807	-0.006870uvb	mg/L	0.003060	44.5	0.793426	-0.068704 mg/L	Y 371.029
Tl 351.923	0.004706uvb	mg/L	0.002945	62.6	7.42388	0.047060 mg/L	Y 371.029
V 268.796	-0.007348b	mg/L	0.000541	7.4	53.7283	-0.073475 mg/L	Y 371.029
V 292.401	0.001826b	mg/L	0.000114	6.3	63.3920	0.018261 mg/L	Y 371.029
V 311.837	0.002062b	mg/L	0.000054	2.6	55.1403	0.020617 mg/L	Y 371.029
Zn 202.548	0.020606b	mg/L	0.001846	9.0	484.762	0.206060 mg/L	Y 371.029
Zn 206.200	0.021879b	mg/L	0.000284	1.3	162.541	0.218791 mg/L	Y 371.029
Zn 213.857	0.016401b	mg/L	0.000603	3.7	1166.76	0.164009 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.606472	7269.76	23.198	0.3
Y 371.029	0.996160	162372	656.595	0.4

11C0946-01 (Samp) **3/22/2011, 2:01:43 PM** **Rack 1, Tube 19**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002629b	mg/L	0.000101	3.8	177.495	-0.026293 mg/L	Y 371.029
Ag 338.289	0.001720b	mg/L	0.001080	62.8	2.54765	0.017203 mg/L	Y 371.029
Al 237.312	0.003369b	mg/L	0.008883	263.7	51.9497	0.033693 mg/L	Y 371.029
Al 257.509	-0.018988uvb	mg/L	0.029824	157.1	22.4076	-0.189879 mg/L	Y 371.029
Al 308.215	0.012923uvb	mg/L	0.008382	64.9	1152.52	0.129231 mg/L	Y 371.029
As 188.980	0.012231b	mg/L	0.004707	38.5	4.70364	0.122314 mg/L	Y 371.029
As 193.696	-0.001808uvb	mg/L	0.004863	268.9	2.85281	-0.018084 mg/L	Y 371.029
As 228.812	0.008986uvb	mg/L	0.004207	46.8	8.20628	0.089861 mg/L	Y 371.029
B 182.577	0.016381b	mg/L	0.002136	13.0	9.01218	0.163809 mg/L	Y 371.029
B 249.678	0.014632b	mg/L	0.000653	4.5	154.442	0.146319 mg/L	Y 371.029
B 249.772	0.015596b	mg/L	0.000163	1.0	276.399	0.155962 mg/L	Y 371.029
Ba 233.527	0.176391b	mg/L	0.001087	0.6	5540.88	1.76391 mg/L	Y 371.029
Ba 455.403	0.171168b	mg/L	0.000734	0.4	158846	1.71168 mg/L	Y 371.029
Ba 493.408	0.169337b	mg/L	0.000812	0.5	102741	1.69337 mg/L	Y 371.029
Be 234.861	0.000307b	mg/L	0.000409	133.3	26.1883	0.003066 mg/L	Y 371.029
Be 313.042	0.000191b	mg/L	0.000140	73.5	643.003	0.001907 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Be 313.107	0.000227b	mg/L	0.000129	57.0	156.338	0.002266	mg/L	Y 371.029
Ca 393.366	-ob	mg/L	0.122257	0.4	35209644	-	mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.104519	0.6	38034924	-	mg/L	Y 371.029
Ca 430.253	71.8881b	mg/L	0.298987	0.4	247206	718.881	mg/L	Y 371.029
Cd 214.439	0.000207b	mg/L	0.000054	25.8	3.54574	0.002073	mg/L	Y 371.029
Cd 226.502	-0.000153uvb	mg/L	0.000050	32.4	13.7809	-0.001527	mg/L	Y 371.029
Cd 228.802	0.000246b	mg/L	0.000076	30.8	12.7685	0.002458	mg/L	Y 371.029
Co 228.615	0.002265b	mg/L	0.000265	11.7	5.82233	0.022655	mg/L	Y 371.029
Co 230.786	0.001755b	mg/L	0.000351	20.0	10.3813	0.017546	mg/L	Y 371.029
Co 238.892	0.000121b	mg/L	0.000413	341.7	5.72936	0.001210	mg/L	Y 371.029
Cr 205.560	-0.000290uvb	mg/L	0.000301	103.9	3.01754	-0.002902	mg/L	Y 371.029
Cr 206.158	0.000266b	mg/L	0.000610	229.2	1.53310	0.002660	mg/L	Y 371.029
Cr 267.716	-0.000073b	mg/L	0.000157	214.1	20.6645	-0.000733	mg/L	Y 371.029
Cu 213.598	-0.001285b	mg/L	0.000497	38.7	1.55825	-0.012850	mg/L	Y 371.029
Cu 324.754	0.002620uvb	mg/L	0.000166	6.3	398.984	0.026201	mg/L	Y 371.029
Cu 327.395	0.000094b	mg/L	0.000059	62.4	36.8196	0.000939	mg/L	Y 371.029
Fe 234.350	-0.007437b	mg/L	0.000160	2.1	46.3966	-0.074373	mg/L	Y 371.029
Fe 238.204	-0.010135b	mg/L	0.000278	2.7	83.7302	-0.101355	mg/L	Y 371.029
Fe 259.940	-0.010767b	mg/L	0.000761	7.1	63.1708	-0.107675	mg/L	Y 371.029
Ga 287.423	-0.000286uvb	mg/L	0.002786	975.7	8.60765	-0.002855	mg/L	Y 371.029
Ga 294.363	0.000313b	mg/L	0.000795	254.1	11.3935	0.003127	mg/L	Y 371.029
Ga 417.204	0.000958b	mg/L	0.000447	46.7	45.3970	0.009580	mg/L	Y 371.029
K 766.491	0.615539b	mg/L	0.004422	0.7	37631.4	6.15539	mg/L	Y 371.029
K 769.897	0.601792b	mg/L	0.003998	0.7	34692.7	6.01792	mg/L	Y 371.029
Li 610.365	0.000961n	mg/L	0.000152	15.8	29.0975	0.009609	mg/L	Y 371.029
Li 670.783	0.000116b	mg/L	0.000082	70.5	41756.5	0.001164	mg/L	Y 371.029
Mg 279.078	1.85976b	mg/L	0.013053	0.7	2289.40	18.5976	mg/L	Y 371.029
Mg 280.270	2.04396b	mg/L	0.029190	1.4	159128	20.4396	mg/L	Y 371.029
Mg 285.213	1.91714b	mg/L	0.001081	0.1	59530.1	19.1714	mg/L	Y 371.029
Mn 257.610	0.050262nb	mg/L	0.000334	0.7	5937.67	0.502616	mg/L	Y 371.029
Mn 259.372	0.050989b	mg/L	0.000260	0.5	4541.19	0.509894	mg/L	Y 371.029
Mn 260.568	0.052108b	mg/L	0.000135	0.3	794.999	0.521077	mg/L	Y 371.029
Mo 202.032	-0.055830b	mg/L	0.002319	4.2	31.8356	-0.558298	mg/L	Y 371.029
Mo 203.846	-0.059047b	mg/L	0.001798	3.0	13.6414	-0.590473	mg/L	Y 371.029
Mo 204.598	-0.059662b	mg/L	0.002534	4.2	13.8460	-0.596618	mg/L	Y 371.029
Na 568.821	149.166b	mg/L	0.538870	0.4	35485.0	1491.66	mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.687513	0.9	31224686	-	mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.82747	2.2	26419814	-	mg/L	Y 371.029
Ni 216.555	0.002484b	mg/L	0.000083	3.3	7.65698	0.024838	mg/L	Y 371.029
Ni 221.648	0.001910b	mg/L	0.000812	42.5	4.42325	0.019095	mg/L	Y 371.029
Ni 231.604	0.003070b	mg/L	0.000224	7.3	8.39128	0.030695	mg/L	Y 371.029
P 177.434	0.044414b	mg/L	0.007637	17.2	6.14448	0.444136	mg/L	Y 371.029
P 213.618	0.020085b	mg/L	0.000764	3.8	15.8479	0.200853	mg/L	Y 371.029
P 214.914	0.032447b	mg/L	0.002782	8.6	5.58978	0.324471	mg/L	Y 371.029
Pb 220.353	0.010960b	mg/L	0.001450	13.2	9.14649	0.109598	mg/L	Y 371.029
Pb 261.417	-0.013839b	mg/L	0.001258	9.1	5.74694	-0.138390	mg/L	Y 371.029
Pb 405.781	-0.006711b	mg/L	0.002610	38.9	60.8392	-0.067109	mg/L	Y 371.029
Sb 206.834	-0.019521b	mg/L	0.001495	7.7	6.11662	-0.195207	mg/L	Y 371.029
Sb 231.146	-0.008000uvb	mg/L	0.004640	58.0	3.00341	-0.079999	mg/L	Y 371.029
Sb 259.804	-0.002940uvb	mg/L	0.009276	315.5	3.25692	-0.029402	mg/L	Y 371.029
Se 196.026	0.017634b	mg/L	0.004411	25.0	5.90344	0.176342	mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.014402b	mg/L	0.004567	31.7	1.66379	0.144022 mg/L	Y 371.029
Si 250.690	0.227009b	mg/L	0.002938	1.3	324.837	2.27009 mg/L	Y 371.029
Si 251.611	0.229000b	mg/L	0.002072	0.9	354.906	2.29000 mg/L	Y 371.029
Si 288.158	0.236766b	mg/L	0.005826	2.5	2370.21	2.36766 mg/L	Y 371.029
Sn 189.927	-0.000328uvb	mg/L	0.002648	806.4	2.46367	-0.003284 mg/L	Y 371.029
Sn 283.998	-0.003771uvb	mg/L	0.002713	71.9	7.97535	-0.037714 mg/L	Y 371.029
Sr 216.596	0.050887b	mg/L	0.000427	0.8	476.939	0.508869 mg/L	Y 371.029
Sr 407.771	0.047887b	mg/L	0.000648	1.4	224137	0.478872 mg/L	Y 371.029
Sr 421.552	0.047497b	mg/L	0.000987	2.1	148768	0.474967 mg/L	Y 371.029
Ti 334.941	0.000584b	mg/L	0.000262	44.8	180.581	0.005844 mg/L	Y 371.029
Ti 336.122	0.000486b	mg/L	0.000260	53.5	68.7277	0.004865 mg/L	Y 371.029
Ti 337.280	0.001436b	mg/L	0.000952	66.3	50.6833	0.014356 mg/L	Y 371.029
Tl 190.794	-0.004008uvb	mg/L	0.002057	51.3	1.87994	-0.040083 mg/L	Y 371.029
Tl 190.807	-0.000505uvb	mg/L	0.002934	581.6	1.24373	-0.005046 mg/L	Y 371.029
Tl 351.923	0.011174b	mg/L	0.003085	27.6	21.3800	0.111737 mg/L	Y 371.029
V 268.796	-0.006928b	mg/L	0.000176	2.5	30.6003	-0.069275 mg/L	Y 371.029
V 292.401	0.000561b	mg/L	0.000198	35.2	31.3962	0.005613 mg/L	Y 371.029
V 311.837	0.000980b	mg/L	0.000179	18.3	18.1505	0.009797 mg/L	Y 371.029
Zn 202.548	0.018047b	mg/L	0.001188	6.6	466.671	0.180472 mg/L	Y 371.029
Zn 206.200	0.019012b	mg/L	0.001106	5.8	156.305	0.190119 mg/L	Y 371.029
Zn 213.857	0.016172b	mg/L	0.000451	2.8	1149.21	0.161720 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.605677	7260.23	52.204	0.7
Y 371.029	1.00802	164306	904.668	0.6

SEQ-CCV2 (Samp) **3/22/2011, 2:05:56 PM** **Rack 1, Tube 20**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098746	mg/L	0.000184	0.2	4467.10	0.098746 mg/L	Y 371.029
Ag 338.289	0.099093	mg/L	0.000700	0.7	261.738	0.099093 mg/L	Y 371.029
Al 237.312	2.48707	mg/L	0.010118	0.4	2791.28	2.48707 mg/L	Y 371.029
Al 257.509	2.48624	mg/L	0.010811	0.4	1253.36	2.48624 mg/L	Y 371.029
Al 308.215	2.50721	mg/L	0.004909	0.2	13749.3	2.50721 mg/L	Y 371.029
As 188.980	0.506019	mg/L	0.002718	0.5	119.149	0.506019 mg/L	Y 371.029
As 193.696	0.503346	mg/L	0.002411	0.5	145.702	0.503346 mg/L	Y 371.029
As 228.812	0.532258	mg/L	0.005264	1.0	853.779	0.532258 mg/L	Y 371.029
B 182.577	0.488224	mg/L	0.004152	0.9	172.104	0.488224 mg/L	Y 371.029
B 249.678	0.492173	mg/L	0.004536	0.9	3847.66	0.492173 mg/L	Y 371.029
B 249.772	0.486082	mg/L	0.007860	1.6	7014.93	0.486082 mg/L	Y 371.029
Ba 233.527	0.505360	mg/L	0.001750	0.3	15547.6	0.505360 mg/L	Y 371.029
Ba 455.403	0.486185	mg/L	0.000460	0.1	442286	0.486185 mg/L	Y 371.029
Ba 493.408	0.495022	mg/L	0.000507	0.1	294033	0.495022 mg/L	Y 371.029
Be 234.861	0.504792	mg/L	0.001955	0.4	45836.5	0.504792 mg/L	Y 371.029
Be 313.042	0.512567	mg/L	0.002676	0.5	681635	0.512567 mg/L	Y 371.029
Be 313.107	0.511601	mg/L	0.002081	0.4	339977	0.511601 mg/L	Y 371.029
Ca 393.366	4.02796	mg/L	0.002603	0.1	5176530	4.02796 mg/L	Y 371.029
Ca 396.847	4.28878	mg/L	0.004431	0.1	9098599	4.28878 mg/L	Y 371.029
Ca 430.253	4.86876	mg/L	0.015075	0.3	17203.8	4.86876 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.258003	mg/L	0.001404	0.5	2804.22	0.258003 mg/L	Y 371.029
Cd 226.502	0.258535	mg/L	0.001207	0.5	6277.02	0.258535 mg/L	Y 371.029
Cd 228.802	0.252807	mg/L	0.000387	0.2	2744.89	0.252807 mg/L	Y 371.029
Co 228.615	0.511288	mg/L	0.002282	0.4	3187.50	0.511288 mg/L	Y 371.029
Co 230.786	0.510707	mg/L	0.000458	0.1	2266.72	0.510707 mg/L	Y 371.029
Co 238.892	0.509910	mg/L	0.000682	0.1	2195.10	0.509910 mg/L	Y 371.029
Cr 205.560	0.505259	mg/L	0.005456	1.1	1501.76	0.505259 mg/L	Y 371.029
Cr 206.158	0.504378	mg/L	0.004798	1.0	622.379	0.504378 mg/L	Y 371.029
Cr 267.716	0.508474	mg/L	0.002106	0.4	8449.46	0.508474 mg/L	Y 371.029
Cu 213.598	0.515331	mg/L	0.001743	0.3	1203.76	0.515331 mg/L	Y 371.029
Cu 324.754	0.492928	mg/L	0.000814	0.2	14954.6	0.492928 mg/L	Y 371.029
Cu 327.395	0.490093	mg/L	0.000407	0.1	19494.3	0.490093 mg/L	Y 371.029
Fe 234.350	0.506656	mg/L	0.001980	0.4	3521.27	0.506656 mg/L	Y 371.029
Fe 238.204	0.507875	mg/L	0.005405	1.1	7176.46	0.507875 mg/L	Y 371.029
Fe 259.940	0.505340	mg/L	0.001306	0.3	6357.46	0.505340 mg/L	Y 371.029
Ga 287.423	0.494751	mg/L	0.004495	0.9	938.867	0.494751 mg/L	Y 371.029
Ga 294.363	0.497801	mg/L	0.001640	0.3	2550.21	0.497801 mg/L	Y 371.029
Ga 417.204	0.497698	mg/L	0.001642	0.3	3935.05	0.497698 mg/L	Y 371.029
K 766.491	4.94987	mg/L	0.008955	0.2	282667	4.94987 mg/L	Y 371.029
K 769.897	5.01377	mg/L	0.009122	0.2	233511	5.01377 mg/L	Y 371.029
Li 610.365	1.06825n	mg/L	0.003867	0.4	35753.3	1.06825 mg/L	Y 371.029
Li 670.783	1.04061	mg/L	0.003765	0.4	2540974	1.04061 mg/L	Y 371.029
Mg 279.078	5.13058	mg/L	0.016794	0.3	5677.64	5.13058 mg/L	Y 371.029
Mg 280.270	5.11781	mg/L	0.015274	0.3	397643	5.11781 mg/L	Y 371.029
Mg 285.213	5.21148	mg/L	0.066264	1.3	146152	5.21148 mg/L	Y 371.029
Mn 257.610	0.498189n	mg/L	0.001682	0.3	57509.6	0.498189 mg/L	Y 371.029
Mn 259.372	0.501708	mg/L	0.001029	0.2	44189.2	0.501708 mg/L	Y 371.029
Mn 260.568	0.509639	mg/L	0.005798	1.1	7710.05	0.509639 mg/L	Y 371.029
Mo 202.032	1.05557	mg/L	0.011986	1.1	2996.72	1.05557 mg/L	Y 371.029
Mo 203.846	1.04749	mg/L	0.015635	1.5	1271.93	1.04749 mg/L	Y 371.029
Mo 204.598	1.03588	mg/L	0.017914	1.7	1472.31	1.03588 mg/L	Y 371.029
Na 568.821	5.00264	mg/L	0.012006	0.2	1079.69	5.00264 mg/L	Y 371.029
Na 588.995	5.48931	mg/L	0.011878	0.2	2399866	5.48931 mg/L	Y 371.029
Na 589.592	5.08776	mg/L	0.010065	0.2	1184169	5.08776 mg/L	Y 371.029
Ni 216.555	1.01905	mg/L	0.003464	0.3	3376.54	1.01905 mg/L	Y 371.029
Ni 221.648	1.02390	mg/L	0.003819	0.4	1361.96	1.02390 mg/L	Y 371.029
Ni 231.604	1.03132	mg/L	0.002237	0.2	2395.93	1.03132 mg/L	Y 371.029
P 177.434	0.508471	mg/L	0.004342	0.9	55.9557	0.508471 mg/L	Y 371.029
P 213.618	0.501306	mg/L	0.007773	1.6	216.391	0.501306 mg/L	Y 371.029
P 214.914	0.502205	mg/L	0.007254	1.4	60.0266	0.502205 mg/L	Y 371.029
Pb 220.353	1.01339	mg/L	0.006530	0.6	730.250	1.01339 mg/L	Y 371.029
Pb 261.417	0.992239	mg/L	0.015909	1.6	411.834	0.992239 mg/L	Y 371.029
Pb 405.781	0.990838	mg/L	0.002836	0.3	1142.04	0.990838 mg/L	Y 371.029
Sb 206.834	0.902731	mg/L	0.006205	0.7	417.236	0.902731 mg/L	Y 371.029
Sb 231.146	0.892983	mg/L	0.008249	0.9	341.651	0.892983 mg/L	Y 371.029
Sb 259.804	0.845797	mg/L	0.022306	2.6	270.738	0.845797 mg/L	Y 371.029
Se 196.026	1.02512	mg/L	0.018669	1.8	200.894	1.02512 mg/L	Y 371.029
Se 203.985	1.01379	mg/L	0.007495	0.7	119.764	1.01379 mg/L	Y 371.029
Si 250.690	1.01554	mg/L	0.005971	0.6	1110.20	1.01554 mg/L	Y 371.029
Si 251.611	1.03029	mg/L	0.002889	0.3	1229.32	1.03029 mg/L	Y 371.029
Si 288.158	1.01154	mg/L	0.009985	1.0	6756.78	1.01154 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	1.02892	mg/L	0.011494	1.1	216.495	1.02892 mg/L	Y 371.029
Sn 283.998	1.02975	mg/L	0.007584	0.7	1492.33	1.02975 mg/L	Y 371.029
Sr 216.596	0.511438	mg/L	0.003532	0.7	2650.43	0.511438 mg/L	Y 371.029
Sr 407.771	0.488038	mg/L	0.003528	0.7	1234822	0.488038 mg/L	Y 371.029
Sr 421.552	0.486526	mg/L	0.002074	0.4	818330	0.486526 mg/L	Y 371.029
Ti 334.941	0.496571	mg/L	0.004058	0.8	99887.6	0.496571 mg/L	Y 371.029
Ti 336.122	0.505928	mg/L	0.001045	0.2	43033.8	0.505928 mg/L	Y 371.029
Ti 337.280	0.502122	mg/L	0.000530	0.1	14434.6	0.502122 mg/L	Y 371.029
Tl 190.794	0.505460	mg/L	0.006736	1.3	132.373	0.505460 mg/L	Y 371.029
Tl 190.807	0.505581	mg/L	0.014392	2.8	67.3421	0.505581 mg/L	Y 371.029
Tl 351.923	0.498430	mg/L	0.002258	0.5	758.122	0.498430 mg/L	Y 371.029
V 268.796	0.486543	mg/L	0.001490	0.3	4411.45	0.486543 mg/L	Y 371.029
V 292.401	0.503990	mg/L	0.003549	0.7	12373.2	0.503990 mg/L	Y 371.029
V 311.837	0.508442	mg/L	0.000595	0.1	17688.7	0.508442 mg/L	Y 371.029
Zn 202.548	0.526202	mg/L	0.003367	0.6	2777.89	0.526202 mg/L	Y 371.029
Zn 206.200	0.523525	mg/L	0.005868	1.1	921.551	0.523525 mg/L	Y 371.029
Zn 213.857	0.506806	mg/L	0.005361	1.1	6768.31	0.506806 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.613722	7356.66	16.965	0.2
Y 371.029	1.02453	166997	903.295	0.5

SEQ-CCB2 (Samp) **3/22/2011, 2:09:50 PM** **Rack 1, Tube 21**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000728	mg/L	0.000078	10.7	180.454	0.000728 mg/L	Y 371.029
Ag 338.289	0.001453	mg/L	0.000279	19.2	1.71127	0.001453 mg/L	Y 371.029
Al 237.312	0.002263	mg/L	0.002287	101.0	40.7579	0.002263 mg/L	Y 371.029
Al 257.509	-0.002251uv	mg/L	0.004630	205.7	15.6250	-0.002251 mg/L	Y 371.029
Al 308.215	-0.008147uv	mg/L	0.001814	22.3	1118.56	-0.008147 mg/L	Y 371.029
As 188.980	0.000282uv	mg/L	0.003786	1343.5	3.47792	0.000282 mg/L	Y 371.029
As 193.696	0.001177uv	mg/L	0.004367	371.2	2.98183	0.001177 mg/L	Y 371.029
As 228.812	0.003197	mg/L	0.001383	43.3	7.77215	0.003197 mg/L	Y 371.029
B 182.577	0.005243	mg/L	0.001288	24.6	4.71128	0.005243 mg/L	Y 371.029
B 249.678	0.004727	mg/L	0.001537	32.5	54.0910	0.004727 mg/L	Y 371.029
B 249.772	0.005173	mg/L	0.001379	26.7	104.860	0.005173 mg/L	Y 371.029
Ba 233.527	0.000185	mg/L	0.000114	61.9	150.525	0.000185 mg/L	Y 371.029
Ba 455.403	-0.000012uv	mg/L	0.000010	85.2	4315.82	-0.000012 mg/L	Y 371.029
Ba 493.408	-0.000041uv	mg/L	0.000016	38.3	2827.41	-0.000041 mg/L	Y 371.029
Be 234.861	0.000023	mg/L	0.000006	26.3	0.115156	0.000023 mg/L	Y 371.029
Be 313.042	-0.000026uv	mg/L	0.000002	6.4	382.543	-0.000026 mg/L	Y 371.029
Be 313.107	0.000040	mg/L	0.000003	6.9	27.7314	0.000040 mg/L	Y 371.029
Ca 393.366	0.000362	mg/L	0.000016	4.6	15290.2	0.000362 mg/L	Y 371.029
Ca 396.847	0.000424	mg/L	0.000076	17.9	25857.4	0.000424 mg/L	Y 371.029
Ca 430.253	0.028058	mg/L	0.001808	6.4	584.935	0.028058 mg/L	Y 371.029
Cd 214.439	0.000304	mg/L	0.000114	37.5	4.53679	0.000304 mg/L	Y 371.029
Cd 226.502	0.000006uv	mg/L	0.000033	516.9	14.5592	0.000006 mg/L	Y 371.029
Cd 228.802	-0.000132uv	mg/L	0.000087	65.6	9.14887	-0.000132 mg/L	Y 371.029
Co 228.615	0.000877	mg/L	0.000244	27.8	2.21829	0.000877 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	-0.000354uv	mg/L	0.000581	164.1	3.49404	-0.000354 mg/L	Y 371.029
Co 238.892	-0.000049uv	mg/L	0.000279	567.7	1.21780	-0.000049 mg/L	Y 371.029
Cr 205.560	0.000268uv	mg/L	0.000355	132.4	2.93958	0.000268 mg/L	Y 371.029
Cr 206.158	0.000888uv	mg/L	0.000881	99.2	1.53811	0.000888 mg/L	Y 371.029
Cr 267.716	0.000004uv	mg/L	0.000130	3386.4	14.8154	0.000004 mg/L	Y 371.029
Cu 213.598	0.000569	mg/L	0.000200	35.1	1.41513	0.000569 mg/L	Y 371.029
Cu 324.754	-0.001456uv	mg/L	0.000061	4.2	374.375	-0.001456 mg/L	Y 371.029
Cu 327.395	0.000099uv	mg/L	0.000124	126.0	13.4600	0.000099 mg/L	Y 371.029
Fe 234.350	0.000119uv	mg/L	0.000265	222.7	13.8723	0.000119 mg/L	Y 371.029
Fe 238.204	0.000950	mg/L	0.000187	19.7	25.0390	0.000950 mg/L	Y 371.029
Fe 259.940	0.000684	mg/L	0.000178	26.0	30.0781	0.000684 mg/L	Y 371.029
Ga 287.423	-0.000696uv	mg/L	0.001802	259.0	4.80115	-0.000696 mg/L	Y 371.029
Ga 294.363	0.001776	mg/L	0.000381	21.4	15.3619	0.001776 mg/L	Y 371.029
Ga 417.204	0.000635	mg/L	0.000425	66.9	43.4758	0.000635 mg/L	Y 371.029
K 766.491	-0.000804uv	mg/L	0.000225	27.9	1493.53	-0.000804 mg/L	Y 371.029
K 769.897	0.006040	mg/L	0.000714	11.8	5867.98	0.006040 mg/L	Y 371.029
Li 610.365	0.000693n	mg/L	0.000014	2.0	20.1299	0.000693 mg/L	Y 371.029
Li 670.783	0.000221	mg/L	0.000027	12.1	39636.6	0.000221 mg/L	Y 371.029
Mg 279.078	-0.000473uv	mg/L	0.001308	276.5	10.2611	-0.000473 mg/L	Y 371.029
Mg 280.270	0.000220	mg/L	0.000010	4.3	244.490	0.000220 mg/L	Y 371.029
Mg 285.213	-0.000120uv	mg/L	0.000052	43.6	76.9289	-0.000120 mg/L	Y 371.029
Mn 257.610	0.000299n	mg/L	0.000023	7.6	8.00776	0.000299 mg/L	Y 371.029
Mn 259.372	0.000200	mg/L	0.000051	25.4	29.4578	0.000200 mg/L	Y 371.029
Mn 260.568	0.000092uv	mg/L	0.000128	139.2	3.50430	0.000092 mg/L	Y 371.029
Mo 202.032	0.021444	mg/L	0.003226	15.0	67.5256	0.021444 mg/L	Y 371.029
Mo 203.846	0.021502	mg/L	0.002851	13.3	29.9531	0.021502 mg/L	Y 371.029
Mo 204.598	0.021281	mg/L	0.004629	21.8	32.3509	0.021281 mg/L	Y 371.029
Na 568.821	0.929132	mg/L	0.020538	2.2	112.674	0.929132 mg/L	Y 371.029
Na 588.995	-0.258139uv	mg/L	0.000726	0.3	110420	-0.258139 mg/L	Y 371.029
Na 589.592	-0.500685uv	mg/L	0.001460	0.3	48610.4	-0.500685 mg/L	Y 371.029
Ni 216.555	0.001243	mg/L	0.000169	13.6	3.77618	0.001243 mg/L	Y 371.029
Ni 221.648	0.000914	mg/L	0.000738	80.8	2.53625	0.000914 mg/L	Y 371.029
Ni 231.604	0.000740	mg/L	0.000436	59.0	3.46539	0.000740 mg/L	Y 371.029
P 177.434	0.007839	mg/L	0.003927	50.1	2.63860	0.007839 mg/L	Y 371.029
P 213.618	-0.000589uv	mg/L	0.000440	74.7	3.37657	-0.000589 mg/L	Y 371.029
P 214.914	-0.001623uv	mg/L	0.008204	505.3	1.82931	-0.001623 mg/L	Y 371.029
Pb 220.353	0.004015	mg/L	0.002227	55.5	3.48597	0.004015 mg/L	Y 371.029
Pb 261.417	0.003098	mg/L	0.001600	51.6	3.66024	0.003098 mg/L	Y 371.029
Pb 405.781	-0.004065uv	mg/L	0.005079	124.9	43.0056	-0.004065 mg/L	Y 371.029
Sb 206.834	0.038045	mg/L	0.003922	10.3	22.2396	0.038045 mg/L	Y 371.029
Sb 231.146	0.029035	mg/L	0.005027	17.3	16.2762	0.029035 mg/L	Y 371.029
Sb 259.804	0.045673	mg/L	0.004939	10.8	16.5952	0.045673 mg/L	Y 371.029
Se 196.026	0.014110	mg/L	0.008553	60.6	5.07991	0.014110 mg/L	Y 371.029
Se 203.985	0.020777	mg/L	0.003457	16.6	3.49579	0.020777 mg/L	Y 371.029
Si 250.690	0.008644	mg/L	0.001255	14.5	53.0549	0.008644 mg/L	Y 371.029
Si 251.611	0.006439	mg/L	0.001400	21.7	56.6840	0.006439 mg/L	Y 371.029
Si 288.158	-0.000093uv	mg/L	0.000650	698.1	799.743	-0.000093 mg/L	Y 371.029
Sn 189.927	0.001454uv	mg/L	0.002245	154.4	2.34408	0.001454 mg/L	Y 371.029
Sn 283.998	0.003519	mg/L	0.000398	11.3	8.51058	0.003519 mg/L	Y 371.029
Sr 216.596	0.000127uv	mg/L	0.000164	129.2	11.9284	0.000127 mg/L	Y 371.029
Sr 407.771	0.000005uv	mg/L	0.000004	69.9	5438.11	0.000005 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.000004uv	mg/L	0.000012	270.5	3486.00	0.000004 mg/L	Y 371.029
Ti 334.941	0.001015	mg/L	0.000278	27.3	256.745	0.001015 mg/L	Y 371.029
Ti 336.122	0.000912	mg/L	0.000298	32.7	102.856	0.000912 mg/L	Y 371.029
Ti 337.280	0.001444	mg/L	0.000362	25.1	37.4451	0.001444 mg/L	Y 371.029
Tl 190.794	-0.001563uv	mg/L	0.001861	119.1	1.69611	-0.001563 mg/L	Y 371.029
Tl 190.807	0.000320uv	mg/L	0.003845	1200.7	1.17164	0.000320 mg/L	Y 371.029
Tl 351.923	0.000642uv	mg/L	0.001170	182.4	9.30550	0.000642 mg/L	Y 371.029
V 268.796	0.001725	mg/L	0.000772	44.8	38.0946	0.001725 mg/L	Y 371.029
V 292.401	0.000139uv	mg/L	0.000153	110.4	15.8721	0.000139 mg/L	Y 371.029
V 311.837	0.000739	mg/L	0.000051	6.9	4.44522	0.000739 mg/L	Y 371.029
Zn 202.548	0.002634	mg/L	0.000396	15.0	333.648	0.002634 mg/L	Y 371.029
Zn 206.200	0.003251	mg/L	0.000835	25.7	111.378	0.003251 mg/L	Y 371.029
Zn 213.857	0.000080uv	mg/L	0.000393	492.2	808.131	0.000080 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.612275	7339.32	25.137	0.3
Y 371.029	1.02426	166952	520.611	0.3

1113048-DUP1 (Samp) **3/22/2011, 2:19:02 PM** **Rack 1, Tube 22**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002523b	mg/L	0.000032	1.3	186.246	-0.025229 mg/L	Y 371.029
Ag 338.289	0.001007b	mg/L	0.000272	27.0	0.610729	0.010067 mg/L	Y 371.029
Al 237.312	0.005764b	mg/L	0.005072	88.0	54.8867	0.057641 mg/L	Y 371.029
Al 257.509	-0.003343b	mg/L	0.006685	200.0	30.6250	-0.033428 mg/L	Y 371.029
Al 308.215	0.008917uvb	mg/L	0.001501	16.8	1130.73	0.089167 mg/L	Y 371.029
As 188.980	0.014283b	mg/L	0.003614	25.3	5.13388	0.142826 mg/L	Y 371.029
As 193.696	-0.000245b	mg/L	0.003815	1554.1	3.31505	-0.002455 mg/L	Y 371.029
As 228.812	0.008391uvb	mg/L	0.001344	16.0	7.45178	0.083911 mg/L	Y 371.029
B 182.577	0.017174b	mg/L	0.002917	17.0	9.30408	0.171737 mg/L	Y 371.029
B 249.678	0.013766b	mg/L	0.000907	6.6	148.439	0.137659 mg/L	Y 371.029
B 249.772	0.015129b	mg/L	0.000212	1.4	270.440	0.151292 mg/L	Y 371.029
Ba 233.527	0.182804b	mg/L	0.000856	0.5	5737.04	1.82804 mg/L	Y 371.029
Ba 455.403	0.175482b	mg/L	0.000146	0.1	162746	1.75482 mg/L	Y 371.029
Ba 493.408	0.173019b	mg/L	0.000262	0.2	104918	1.73019 mg/L	Y 371.029
Be 234.861	0.000305b	mg/L	0.000203	66.5	26.0519	0.003050 mg/L	Y 371.029
Be 313.042	0.000188b	mg/L	0.000152	80.7	638.767	0.001880 mg/L	Y 371.029
Be 313.107	0.000229b	mg/L	0.000155	67.9	157.865	0.002287 mg/L	Y 371.029
Ca 393.366	-ob	mg/L	0.443243	1.6	35620812	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.215265	1.2	38573900	- mg/L	Y 371.029
Ca 430.253	74.2401b	mg/L	0.232385	0.3	255276	742.401 mg/L	Y 371.029
Cd 214.439	0.000273b	mg/L	0.000063	23.0	4.25713	0.002726 mg/L	Y 371.029
Cd 226.502	-0.000047b	mg/L	0.000067	142.1	16.4357	-0.000472 mg/L	Y 371.029
Cd 228.802	0.000323b	mg/L	0.000206	63.9	13.5900	0.003230 mg/L	Y 371.029
Co 228.615	0.002688b	mg/L	0.000820	30.5	8.31493	0.026876 mg/L	Y 371.029
Co 230.786	0.002183b	mg/L	0.000970	44.4	12.2234	0.021833 mg/L	Y 371.029
Co 238.892	0.000805b	mg/L	0.000615	76.3	8.76916	0.008053 mg/L	Y 371.029
Cr 205.560	0.001209b	mg/L	0.001955	161.8	7.51499	0.012085 mg/L	Y 371.029
Cr 206.158	0.001823b	mg/L	0.002222	121.9	3.46964	0.018228 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Cr 267.716	-0.000005b	mg/L	0.000115	2340.8	22.0308	-0.000049	mg/L	Y 371.029
Cu 213.598	-0.001052b	mg/L	0.000098	9.3	2.21378	-0.010519	mg/L	Y 371.029
Cu 324.754	0.002862uvb	mg/L	0.000338	11.8	403.386	0.028617	mg/L	Y 371.029
Cu 327.395	0.000159b	mg/L	0.000457	288.5	40.0876	0.001586	mg/L	Y 371.029
Fe 234.350	-0.006090b	mg/L	0.001115	18.3	57.9875	-0.060897	mg/L	Y 371.029
Fe 238.204	-0.006873b	mg/L	0.006528	95.0	134.997	-0.068732	mg/L	Y 371.029
Fe 259.940	-0.010085b	mg/L	0.001123	11.1	76.6135	-0.100852	mg/L	Y 371.029
Ga 287.423	0.000979uvb	mg/L	0.003024	308.8	11.0550	0.009794	mg/L	Y 371.029
Ga 294.363	0.000044b	mg/L	0.000421	955.6	10.0798	0.000441	mg/L	Y 371.029
Ga 417.204	0.000543uvb	mg/L	0.000955	175.7	41.9859	0.005435	mg/L	Y 371.029
K 766.491	0.634819b	mg/L	0.001777	0.3	38760.3	6.34819	mg/L	Y 371.029
K 769.897	0.625304b	mg/L	0.002240	0.4	35807.6	6.25304	mg/L	Y 371.029
Li 610.365	0.000796n	mg/L	0.000276	34.6	23.5646	0.007956	mg/L	Y 371.029
Li 670.783	0.000326b	mg/L	0.000113	34.5	42326.5	0.003262	mg/L	Y 371.029
Mg 279.078	1.94063b	mg/L	0.023507	1.2	2386.93	19.4063	mg/L	Y 371.029
Mg 280.270	2.10982b	mg/L	0.027106	1.3	164247	21.0982	mg/L	Y 371.029
Mg 285.213	1.97753b	mg/L	0.025654	1.3	61432.5	19.7753	mg/L	Y 371.029
Mn 257.610	0.052454nb	mg/L	0.001198	2.3	6197.08	0.524545	mg/L	Y 371.029
Mn 259.372	0.053105b	mg/L	0.001116	2.1	4727.84	0.531048	mg/L	Y 371.029
Mn 260.568	0.053995b	mg/L	0.000692	1.3	823.733	0.539945	mg/L	Y 371.029
Mo 202.032	-0.059567b	mg/L	0.002052	3.4	26.0340	-0.595671	mg/L	Y 371.029
Mo 203.846	-0.062876b	mg/L	0.002928	4.7	11.1265	-0.628757	mg/L	Y 371.029
Mo 204.598	-0.064123b	mg/L	0.002457	3.8	10.0284	-0.641231	mg/L	Y 371.029
Na 568.821	152.955b	mg/L	0.225926	0.1	36389.7	1529.55	mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.16940	1.5	31649618	-	mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.83070	2.1	26900090	-	mg/L	Y 371.029
Ni 216.555	0.004225b	mg/L	0.001882	44.5	13.4271	0.042250	mg/L	Y 371.029
Ni 221.648	0.003508b	mg/L	0.002595	74.0	6.56336	0.035079	mg/L	Y 371.029
Ni 231.604	0.004872b	mg/L	0.002373	48.7	12.5739	0.048725	mg/L	Y 371.029
P 177.434	0.047039b	mg/L	0.006758	14.4	6.41392	0.470389	mg/L	Y 371.029
P 213.618	0.020711b	mg/L	0.003201	15.5	16.2131	0.207109	mg/L	Y 371.029
P 214.914	0.051487b	mg/L	0.009627	18.7	7.74426	0.514874	mg/L	Y 371.029
Pb 220.353	0.010617b	mg/L	0.003137	29.5	8.91955	0.106168	mg/L	Y 371.029
Pb 261.417	-0.007594b	mg/L	0.009320	122.7	8.54724	-0.075939	mg/L	Y 371.029
Pb 405.781	-0.001944b	mg/L	0.007499	385.7	66.7308	-0.019443	mg/L	Y 371.029
Sb 206.834	-0.015955b	mg/L	0.001392	8.7	8.05281	-0.159546	mg/L	Y 371.029
Sb 231.146	-0.003715uvb	mg/L	0.008603	231.6	4.66038	-0.037152	mg/L	Y 371.029
Sb 259.804	0.006435b	mg/L	0.005380	83.6	6.33447	0.064353	mg/L	Y 371.029
Se 196.026	0.010338b	mg/L	0.003332	32.2	4.50235	0.103383	mg/L	Y 371.029
Se 203.985	0.032597b	mg/L	0.007809	24.0	3.71985	0.325968	mg/L	Y 371.029
Si 250.690	0.230279b	mg/L	0.003961	1.7	329.800	2.30279	mg/L	Y 371.029
Si 251.611	0.235224b	mg/L	0.006065	2.6	363.530	2.35224	mg/L	Y 371.029
Si 288.158	0.245619b	mg/L	0.013102	5.3	2428.92	2.45619	mg/L	Y 371.029
Sn 189.927	-0.002344uvb	mg/L	0.003454	147.4	2.05837	-0.023436	mg/L	Y 371.029
Sn 283.998	-0.010136uvb	mg/L	0.000803	7.9	1.10374	-0.101358	mg/L	Y 371.029
Sr 216.596	0.053737b	mg/L	0.000350	0.7	499.066	0.537371	mg/L	Y 371.029
Sr 407.771	0.047762b	mg/L	0.000770	1.6	227442	0.477619	mg/L	Y 371.029
Sr 421.552	0.047409b	mg/L	0.000361	0.8	151047	0.474092	mg/L	Y 371.029
Ti 334.941	0.000903b	mg/L	0.001342	148.6	245.140	0.009030	mg/L	Y 371.029
Ti 336.122	0.000724b	mg/L	0.001118	154.3	88.9766	0.007243	mg/L	Y 371.029
Ti 337.280	0.000824b	mg/L	0.001079	130.9	33.5438	0.008244	mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	-0.004369uvb	mg/L	0.000971	22.2	1.80547	-0.043694 mg/L	Y 371.029
Tl 190.807	0.004454b	mg/L	0.003520	79.0	1.88770	0.044539 mg/L	Y 371.029
Tl 351.923	0.004810uvb	mg/L	0.002274	47.3	11.7599	0.048100 mg/L	Y 371.029
V 268.796	-0.006414b	mg/L	0.001016	15.8	35.0806	-0.064140 mg/L	Y 371.029
V 292.401	0.001269b	mg/L	0.000990	78.0	48.8662	0.012690 mg/L	Y 371.029
V 311.837	0.001408b	mg/L	0.000867	61.6	33.2339	0.014075 mg/L	Y 371.029
Zn 202.548	0.019537b	mg/L	0.001223	6.3	475.280	0.195373 mg/L	Y 371.029
Zn 206.200	0.020695b	mg/L	0.001099	5.3	159.481	0.206954 mg/L	Y 371.029
Zn 213.857	0.017593b	mg/L	0.000658	3.7	1170.04	0.175926 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.602229	7218.89	57.164	0.8
Y 371.029	0.993743	161978	1893.567	1.2

1113048-MS1 (Samp) **3/22/2011, 2:23:03 PM** **Rack 1, Tube 23**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.047056b	mg/L	0.000176	0.4	2349.55	0.470557 mg/L	Y 371.029
Ag 338.289	0.046970b	mg/L	0.000278	0.6	124.149	0.469704 mg/L	Y 371.029
Al 237.312	0.487479b	mg/L	0.003457	0.7	587.753	4.87479 mg/L	Y 371.029
Al 257.509	0.460895b	mg/L	0.018046	3.9	261.250	4.60895 mg/L	Y 371.029
Al 308.215	0.517032b	mg/L	0.000786	0.2	3674.21	5.17032 mg/L	Y 371.029
As 188.980	0.117386b	mg/L	0.004365	3.7	28.7298	1.17386 mg/L	Y 371.029
As 193.696	0.094037b	mg/L	0.002965	3.2	30.1007	0.940371 mg/L	Y 371.029
As 228.812	0.173169b	mg/L	0.005598	3.2	289.787	1.73169 mg/L	Y 371.029
B 182.577	0.107667b	mg/L	0.001478	1.4	40.6641	1.07667 mg/L	Y 371.029
B 249.678	0.107275b	mg/L	0.002462	2.3	876.229	1.07275 mg/L	Y 371.029
B 249.772	0.107858b	mg/L	0.002576	2.4	1607.79	1.07858 mg/L	Y 371.029
Ba 233.527	0.241649b	mg/L	0.000750	0.3	7530.65	2.41649 mg/L	Y 371.029
Ba 455.403	0.236075b	mg/L	0.000387	0.2	217326	2.36075 mg/L	Y 371.029
Ba 493.408	0.232679b	mg/L	0.000306	0.1	140009	2.32679 mg/L	Y 371.029
Be 234.861	0.098401b	mg/L	0.000541	0.5	8933.47	0.984011 mg/L	Y 371.029
Be 313.042	0.100753b	mg/L	0.000191	0.2	134299	1.00753 mg/L	Y 371.029
Be 313.107	0.100026b	mg/L	0.000190	0.2	66471.8	1.00026 mg/L	Y 371.029
Ca 393.366	-ob	mg/L	0.111282	0.4	35605756	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.058706	0.3	38447352	- mg/L	Y 371.029
Ca 430.253	74.0196b	mg/L	0.195977	0.3	254521	740.196 mg/L	Y 371.029
Cd 214.439	0.099250b	mg/L	0.001839	1.9	1079.50	0.992500 mg/L	Y 371.029
Cd 226.502	0.098755b	mg/L	0.000440	0.4	2409.72	0.987549 mg/L	Y 371.029
Cd 228.802	0.097249b	mg/L	0.001619	1.7	1061.78	0.972487 mg/L	Y 371.029
Co 228.615	0.098684b	mg/L	0.002257	2.3	607.887	0.986836 mg/L	Y 371.029
Co 230.786	0.097881b	mg/L	0.002111	2.2	436.203	0.978809 mg/L	Y 371.029
Co 238.892	0.094094b	mg/L	0.000938	1.0	409.051	0.940935 mg/L	Y 371.029
Cr 205.560	0.096895b	mg/L	0.000731	0.8	291.582	0.968955 mg/L	Y 371.029
Cr 206.158	0.097156b	mg/L	0.001410	1.5	121.064	0.971560 mg/L	Y 371.029
Cr 267.716	0.097512b	mg/L	0.000270	0.3	1640.08	0.975116 mg/L	Y 371.029
Cu 213.598	0.095674b	mg/L	0.000573	0.6	227.969	0.956744 mg/L	Y 371.029
Cu 324.754	0.098077b	mg/L	0.000270	0.3	3213.91	0.980774 mg/L	Y 371.029
Cu 327.395	0.096971b	mg/L	0.000290	0.3	3890.68	0.969709 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.471544b	mg/L	0.001402	0.3	3283.21	4.71544 mg/L	Y 371.029
Fe 238.204	0.473499b	mg/L	0.000517	0.1	6791.07	4.73499 mg/L	Y 371.029
Fe 259.940	0.473551b	mg/L	0.002409	0.5	6041.10	4.73551 mg/L	Y 371.029
Ga 287.423	0.093690b	mg/L	0.001942	2.1	187.914	0.936895 mg/L	Y 371.029
Ga 294.363	0.095140b	mg/L	0.000679	0.7	495.984	0.951402 mg/L	Y 371.029
Ga 417.204	0.089685b	mg/L	0.000332	0.4	742.207	0.896848 mg/L	Y 371.029
K 766.491	1.65245b	mg/L	0.004608	0.3	96534.5	16.5245 mg/L	Y 371.029
K 769.897	1.63058b	mg/L	0.005232	0.3	81473.6	16.3058 mg/L	Y 371.029
Li 610.365	0.077546n	mg/L	0.000472	0.6	2592.56	0.775462 mg/L	Y 371.029
Li 670.783	0.105777b	mg/L	0.000461	0.4	295873	1.05777 mg/L	Y 371.029
Mg 279.078	2.83621b	mg/L	0.014819	0.5	3371.59	28.3621 mg/L	Y 371.029
Mg 280.270	3.05505b	mg/L	0.009005	0.3	237645	30.5505 mg/L	Y 371.029
Mg 285.213	2.92433b	mg/L	0.057676	2.0	87850.0	29.2433 mg/L	Y 371.029
Mn 257.610	0.146235nb	mg/L	0.000443	0.3	17027.4	1.46235 mg/L	Y 371.029
Mn 259.372	0.147427b	mg/L	0.000997	0.7	13033.4	1.47427 mg/L	Y 371.029
Mn 260.568	0.151557b	mg/L	0.001681	1.1	2299.35	1.51557 mg/L	Y 371.029
Mo 202.032	0.033285b	mg/L	0.001549	4.7	287.102	0.332849 mg/L	Y 371.029
Mo 203.846	0.030526b	mg/L	0.001834	6.0	123.347	0.305259 mg/L	Y 371.029
Mo 204.598	0.029057b	mg/L	0.000916	3.2	141.266	0.290570 mg/L	Y 371.029
Na 568.821	151.707b	mg/L	0.340447	0.2	36090.7	1517.07 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.262162	0.3	31770784	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.06362	1.6	26883128	- mg/L	Y 371.029
Ni 216.555	0.099072b	mg/L	0.000413	0.4	328.483	0.990721 mg/L	Y 371.029
Ni 221.648	0.099088b	mg/L	0.000331	0.3	133.852	0.990876 mg/L	Y 371.029
Ni 231.604	0.100031b	mg/L	0.000156	0.2	233.986	1.00031 mg/L	Y 371.029
P 177.434	0.140511b	mg/L	0.016305	11.6	16.3776	1.40511 mg/L	Y 371.029
P 213.618	0.114577b	mg/L	0.002427	2.1	55.9833	1.14577 mg/L	Y 371.029
P 214.914	0.142708b	mg/L	0.009406	6.6	18.2446	1.42708 mg/L	Y 371.029
Pb 220.353	0.108942b	mg/L	0.002870	2.6	79.6987	1.08942 mg/L	Y 371.029
Pb 261.417	0.059449b	mg/L	0.008981	15.1	36.0621	0.594491 mg/L	Y 371.029
Pb 405.781	0.089203b	mg/L	0.003607	4.0	167.109	0.892031 mg/L	Y 371.029
Sb 206.834	0.090869b	mg/L	0.006170	6.8	56.9109	0.908687 mg/L	Y 371.029
Sb 231.146	0.099912b	mg/L	0.002267	2.3	43.7268	0.999115 mg/L	Y 371.029
Sb 259.804	0.087842b	mg/L	0.004043	4.6	32.4245	0.878422 mg/L	Y 371.029
Se 196.026	0.108215b	mg/L	0.008359	7.7	23.4611	1.08215 mg/L	Y 371.029
Se 203.985	0.098199b	mg/L	0.003768	3.8	11.7721	0.981989 mg/L	Y 371.029
Si 250.690	0.376169b	mg/L	0.005268	1.4	482.483	3.76169 mg/L	Y 371.029
Si 251.611	0.381305b	mg/L	0.002704	0.7	529.253	3.81305 mg/L	Y 371.029
Si 288.158	0.385867b	mg/L	0.002628	0.7	3251.67	3.85867 mg/L	Y 371.029
Sn 189.927	0.095051b	mg/L	0.002807	3.0	22.3619	0.950510 mg/L	Y 371.029
Sn 283.998	0.101146b	mg/L	0.001377	1.4	180.029	1.01146 mg/L	Y 371.029
Sr 216.596	0.157243b	mg/L	0.003403	2.2	1028.88	1.57243 mg/L	Y 371.029
Sr 407.771	0.148671b	mg/L	0.001614	1.1	479432	1.48671 mg/L	Y 371.029
Sr 421.552	0.146979b	mg/L	0.001739	1.2	316344	1.46979 mg/L	Y 371.029
Ti 334.941	0.095521b	mg/L	0.000274	0.3	19270.0	0.955214 mg/L	Y 371.029
Ti 336.122	0.093643b	mg/L	0.000456	0.5	7988.75	0.936435 mg/L	Y 371.029
Ti 337.280	0.095399b	mg/L	0.000542	0.6	2753.00	0.953992 mg/L	Y 371.029
Tl 190.794	0.089795b	mg/L	0.002861	3.2	26.0741	0.897947 mg/L	Y 371.029
Tl 190.807	0.091383b	mg/L	0.007305	8.0	13.2006	0.913828 mg/L	Y 371.029
Tl 351.923	0.101522b	mg/L	0.001343	1.3	157.221	1.01522 mg/L	Y 371.029
V 268.796	0.082643b	mg/L	0.000257	0.3	780.114	0.826433 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.098482b	mg/L	0.000809	0.8	2433.96	0.984823 mg/L	Y 371.029
V 311.837	0.095560b	mg/L	0.000371	0.4	3313.70	0.955602 mg/L	Y 371.029
Zn 202.548	0.111484b	mg/L	0.002635	2.4	903.860	1.11484 mg/L	Y 371.029
Zn 206.200	0.111761b	mg/L	0.001774	1.6	300.999	1.11761 mg/L	Y 371.029
Zn 213.857	0.108705b	mg/L	0.001935	1.8	2237.27	1.08705 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.601439	7209.42	9.103	0.1
Y 371.029	0.996582	162441	376.090	0.2

1113048-MSD1 (Samp) **3/22/2011, 2:27:14 PM** **Rack 1, Tube 24**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.047552b	mg/L	0.000439	0.9	2372.02	0.475523 mg/L	Y 371.029
Ag 338.289	0.047326b	mg/L	0.000855	1.8	125.106	0.473264 mg/L	Y 371.029
Al 237.312	0.488445b	mg/L	0.002194	0.4	588.880	4.88445 mg/L	Y 371.029
Al 257.509	0.456358b	mg/L	0.006262	1.4	259.076	4.56358 mg/L	Y 371.029
Al 308.215	0.521565b	mg/L	0.002549	0.5	3696.59	5.21565 mg/L	Y 371.029
As 188.980	0.111275b	mg/L	0.003101	2.8	27.3229	1.11275 mg/L	Y 371.029
As 193.696	0.097199b	mg/L	0.003071	3.2	31.0040	0.971990 mg/L	Y 371.029
As 228.812	0.185909b	mg/L	0.002857	1.5	304.865	1.85909 mg/L	Y 371.029
B 182.577	0.111068b	mg/L	0.003183	2.9	41.8432	1.11068 mg/L	Y 371.029
B 249.678	0.109375b	mg/L	0.000283	0.3	892.674	1.09375 mg/L	Y 371.029
B 249.772	0.110024b	mg/L	0.000355	0.3	1639.03	1.10024 mg/L	Y 371.029
Ba 233.527	0.241272b	mg/L	0.001997	0.8	7519.25	2.41272 mg/L	Y 371.029
Ba 455.403	0.237871b	mg/L	0.000416	0.2	218945	2.37871 mg/L	Y 371.029
Ba 493.408	0.234378b	mg/L	0.000393	0.2	141009	2.34378 mg/L	Y 371.029
Be 234.861	0.098228b	mg/L	0.000658	0.7	8917.79	0.982284 mg/L	Y 371.029
Be 313.042	0.101088b	mg/L	0.000492	0.5	134745	1.01088 mg/L	Y 371.029
Be 313.107	0.100404b	mg/L	0.000445	0.4	66723.3	1.00404 mg/L	Y 371.029
Ca 393.366	-ob	mg/L	0.063106	0.2	35196080	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.126402	0.7	38204480	- mg/L	Y 371.029
Ca 430.253	74.3290b	mg/L	0.100874	0.1	255584	743.290 mg/L	Y 371.029
Cd 214.439	0.099324b	mg/L	0.000474	0.5	1080.30	0.993238 mg/L	Y 371.029
Cd 226.502	0.099283b	mg/L	0.000440	0.4	2422.53	0.992827 mg/L	Y 371.029
Cd 228.802	0.098189b	mg/L	0.000496	0.5	1071.95	0.981893 mg/L	Y 371.029
Co 228.615	0.097761b	mg/L	0.000587	0.6	602.125	0.977612 mg/L	Y 371.029
Co 230.786	0.099279b	mg/L	0.001767	1.8	442.374	0.992791 mg/L	Y 371.029
Co 238.892	0.094704b	mg/L	0.000341	0.4	411.689	0.947041 mg/L	Y 371.029
Cr 205.560	0.096665b	mg/L	0.000269	0.3	290.912	0.966654 mg/L	Y 371.029
Cr 206.158	0.097853b	mg/L	0.000564	0.6	121.928	0.978530 mg/L	Y 371.029
Cr 267.716	0.098017b	mg/L	0.000325	0.3	1648.49	0.980168 mg/L	Y 371.029
Cu 213.598	0.095878b	mg/L	0.000555	0.6	228.486	0.958784 mg/L	Y 371.029
Cu 324.754	0.098801b	mg/L	0.000269	0.3	3234.74	0.988008 mg/L	Y 371.029
Cu 327.395	0.096972b	mg/L	0.000737	0.8	3890.88	0.969723 mg/L	Y 371.029
Fe 234.350	0.476481b	mg/L	0.001284	0.3	3316.87	4.76481 mg/L	Y 371.029
Fe 238.204	0.474014b	mg/L	0.005283	1.1	6799.46	4.74014 mg/L	Y 371.029
Fe 259.940	0.477230b	mg/L	0.000438	0.1	6087.36	4.77229 mg/L	Y 371.029
Ga 287.423	0.095901b	mg/L	0.004451	4.6	192.082	0.959009 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.095142b	mg/L	0.001542	1.6	496.038	0.951424 mg/L	Y 371.029
Ga 417.204	0.091511b	mg/L	0.001105	1.2	756.125	0.915111 mg/L	Y 371.029
K 766.491	1.66537b	mg/L	0.004521	0.3	97273.6	16.6537 mg/L	Y 371.029
K 769.897	1.64283b	mg/L	0.002694	0.2	82040.9	16.4283 mg/L	Y 371.029
Li 610.365	0.078368n	mg/L	0.000645	0.8	2620.07	0.783681 mg/L	Y 371.029
Li 670.783	0.106418b	mg/L	0.000283	0.3	297429	1.06418 mg/L	Y 371.029
Mg 279.078	2.84729b	mg/L	0.006662	0.2	3384.52	28.4729 mg/L	Y 371.029
Mg 280.270	3.06212b	mg/L	0.020344	0.7	238194	30.6212 mg/L	Y 371.029
Mg 285.213	2.95883b	mg/L	0.038519	1.3	88832.8	29.5883 mg/L	Y 371.029
Mn 257.610	0.147420nb	mg/L	0.000343	0.2	17163.7	1.47420 mg/L	Y 371.029
Mn 259.372	0.148924b	mg/L	0.000620	0.4	13165.7	1.48924 mg/L	Y 371.029
Mn 260.568	0.151679b	mg/L	0.000290	0.2	2301.24	1.51679 mg/L	Y 371.029
Mo 202.032	0.035279b	mg/L	0.002036	5.8	293.861	0.352793 mg/L	Y 371.029
Mo 203.846	0.033444b	mg/L	0.000794	2.4	127.369	0.334443 mg/L	Y 371.029
Mo 204.598	0.030912b	mg/L	0.002682	8.7	144.485	0.309124 mg/L	Y 371.029
Na 568.821	152.643b	mg/L	0.354937	0.2	36313.8	1526.43 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.37056	1.8	31335530	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	3.33861	2.6	26614826	- mg/L	Y 371.029
Ni 216.555	0.099735b	mg/L	0.000529	0.5	330.686	0.997353 mg/L	Y 371.029
Ni 221.648	0.098544b	mg/L	0.001505	1.5	133.135	0.985436 mg/L	Y 371.029
Ni 231.604	0.101392b	mg/L	0.000267	0.3	237.146	1.01392 mg/L	Y 371.029
P 177.434	0.141157b	mg/L	0.003519	2.5	16.4440	1.41157 mg/L	Y 371.029
P 213.618	0.113645b	mg/L	0.002942	2.6	55.6155	1.13645 mg/L	Y 371.029
P 214.914	0.149355b	mg/L	0.007629	5.1	18.9989	1.49355 mg/L	Y 371.029
Pb 220.353	0.109677b	mg/L	0.001250	1.1	80.2317	1.09677 mg/L	Y 371.029
Pb 261.417	0.057216b	mg/L	0.008883	15.5	35.2006	0.572158 mg/L	Y 371.029
Pb 405.781	0.092065b	mg/L	0.006513	7.1	170.367	0.920655 mg/L	Y 371.029
Sb 206.834	0.085943b	mg/L	0.001865	2.2	54.7302	0.859432 mg/L	Y 371.029
Sb 231.146	0.101372b	mg/L	0.000686	0.7	44.2684	1.01372 mg/L	Y 371.029
Sb 259.804	0.085151b	mg/L	0.018070	21.2	31.5717	0.851509 mg/L	Y 371.029
Se 196.026	0.112858b	mg/L	0.006256	5.5	24.3585	1.12858 mg/L	Y 371.029
Se 203.985	0.103917b	mg/L	0.014062	13.5	12.4237	1.03917 mg/L	Y 371.029
Si 250.690	0.384107b	mg/L	0.001558	0.4	490.921	3.84107 mg/L	Y 371.029
Si 251.611	0.388495b	mg/L	0.002403	0.6	537.571	3.88495 mg/L	Y 371.029
Si 288.158	0.395492b	mg/L	0.004934	1.2	3308.80	3.95492 mg/L	Y 371.029
Sn 189.927	0.093521b	mg/L	0.002624	2.8	22.0459	0.935212 mg/L	Y 371.029
Sn 283.998	0.100238b	mg/L	0.001557	1.6	179.276	1.00238 mg/L	Y 371.029
Sr 216.596	0.157372b	mg/L	0.000780	0.5	1030.18	1.57372 mg/L	Y 371.029
Sr 407.771	0.149021b	mg/L	0.001115	0.7	480623	1.49021 mg/L	Y 371.029
Sr 421.552	0.147991b	mg/L	0.000940	0.6	318238	1.47991 mg/L	Y 371.029
Ti 334.941	0.096433b	mg/L	0.000301	0.3	19453.3	0.964329 mg/L	Y 371.029
Ti 336.122	0.094845b	mg/L	0.000169	0.2	8090.89	0.948452 mg/L	Y 371.029
Ti 337.280	0.096107b	mg/L	0.000194	0.2	2773.43	0.961075 mg/L	Y 371.029
Tl 190.794	0.085907b	mg/L	0.001314	1.5	25.0814	0.859074 mg/L	Y 371.029
Tl 190.807	0.084445b	mg/L	0.002735	3.2	12.3045	0.844454 mg/L	Y 371.029
Tl 351.923	0.106832b	mg/L	0.001430	1.3	165.158	1.06832 mg/L	Y 371.029
V 268.796	0.083366b	mg/L	0.000718	0.9	788.122	0.833656 mg/L	Y 371.029
V 292.401	0.099087b	mg/L	0.000372	0.4	2448.82	0.990868 mg/L	Y 371.029
V 311.837	0.096094b	mg/L	0.000270	0.3	3332.33	0.960940 mg/L	Y 371.029
Zn 202.548	0.112036b	mg/L	0.000874	0.8	906.789	1.12036 mg/L	Y 371.029
Zn 206.200	0.113586b	mg/L	0.000810	0.7	303.951	1.13586 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.108946b	mg/L	0.000126	0.1	2240.97	1.08946 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.603080	7229.10	33.613	0.5
Y 371.029	1.00271	163440	1109.293	0.7

1113057-BLK1 (Samp) **3/22/2011, 2:33:58 PM** **Rack 1, Tube 25**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000783	mg/L	0.000052	6.6	182.847	0.000783 mg/L	Y 371.029
Ag 338.289	0.001656	mg/L	0.000404	24.4	2.26991	0.001656 mg/L	Y 371.029
Al 237.312	0.002743	mg/L	0.000747	27.2	41.2729	0.002743 mg/L	Y 371.029
Al 257.509	0.004044uv	mg/L	0.008887	219.7	18.7493	0.004044 mg/L	Y 371.029
Al 308.215	-0.012295uv	mg/L	0.001054	8.6	1096.41	-0.012295 mg/L	Y 371.029
As 188.980	0.006126	mg/L	0.001905	31.1	4.81323	0.006126 mg/L	Y 371.029
As 193.696	-0.002691uv	mg/L	0.004494	167.0	1.88233	-0.002691 mg/L	Y 371.029
As 228.812	0.001341uv	mg/L	0.000877	65.4	5.66413	0.001341 mg/L	Y 371.029
B 182.577	0.001760	mg/L	0.001808	102.7	3.50557	0.001760 mg/L	Y 371.029
B 249.678	0.001513	mg/L	0.000096	6.4	29.1523	0.001513 mg/L	Y 371.029
B 249.772	0.001102	mg/L	0.000161	14.6	46.5237	0.001102 mg/L	Y 371.029
Ba 233.527	0.000187	mg/L	0.000021	11.0	150.587	0.000187 mg/L	Y 371.029
Ba 455.403	-0.000077uv	mg/L	0.000004	5.8	4257.28	-0.000077 mg/L	Y 371.029
Ba 493.408	-0.000112uv	mg/L	0.000014	12.2	2786.06	-0.000112 mg/L	Y 371.029
Be 234.861	0.000049	mg/L	0.000030	60.8	2.43276	0.000049 mg/L	Y 371.029
Be 313.042	0.000006uv	mg/L	0.000041	696.8	424.780	0.000006 mg/L	Y 371.029
Be 313.107	0.000083	mg/L	0.000036	43.5	56.2289	0.000083 mg/L	Y 371.029
Ca 393.366	0.003216	mg/L	0.000035	1.1	18920.6	0.003216 mg/L	Y 371.029
Ca 396.847	0.003326	mg/L	0.000121	3.6	31990.8	0.003326 mg/L	Y 371.029
Ca 430.253	0.011048	mg/L	0.010649	96.4	526.814	0.011048 mg/L	Y 371.029
Cd 214.439	0.000212	mg/L	0.000097	46.0	3.53705	0.000212 mg/L	Y 371.029
Cd 226.502	-0.000127uv	mg/L	0.000064	50.2	11.3280	-0.000127 mg/L	Y 371.029
Cd 228.802	-0.000180uv	mg/L	0.000170	94.5	8.62888	-0.000180 mg/L	Y 371.029
Co 228.615	0.000631	mg/L	0.000020	3.2	0.697934	0.000631 mg/L	Y 371.029
Co 230.786	0.000242uv	mg/L	0.000226	93.7	6.11759	0.000242 mg/L	Y 371.029
Co 238.892	0.000421	mg/L	0.000315	74.9	3.22737	0.000421 mg/L	Y 371.029
Cr 205.560	0.000460	mg/L	0.000148	32.1	3.50508	0.000460 mg/L	Y 371.029
Cr 206.158	0.000637	mg/L	0.000444	69.7	1.23109	0.000637 mg/L	Y 371.029
Cr 267.716	0.000308	mg/L	0.000113	36.7	19.8679	0.000308 mg/L	Y 371.029
Cu 213.598	0.000398	mg/L	0.000145	36.4	0.952834	0.000398 mg/L	Y 371.029
Cu 324.754	-0.001398uv	mg/L	0.000175	12.5	376.039	-0.001398 mg/L	Y 371.029
Cu 327.395	0.000275	mg/L	0.000295	107.2	20.5232	0.000275 mg/L	Y 371.029
Fe 234.350	0.003026	mg/L	0.000692	22.9	33.4017	0.003026 mg/L	Y 371.029
Fe 238.204	0.003699	mg/L	0.000403	10.9	62.9451	0.003699 mg/L	Y 371.029
Fe 259.940	0.003599	mg/L	0.000523	14.5	65.8874	0.003599 mg/L	Y 371.029
Ga 287.423	0.000085uv	mg/L	0.000838	986.1	6.27624	0.000085 mg/L	Y 371.029
Ga 294.363	0.001787	mg/L	0.000329	18.4	15.4082	0.001787 mg/L	Y 371.029
Ga 417.204	0.001160uv	mg/L	0.001310	112.9	47.1091	0.001160 mg/L	Y 371.029
K 766.491	0.001016	mg/L	0.000267	26.3	1596.93	0.001016 mg/L	Y 371.029
K 769.897	0.008131	mg/L	0.000944	11.6	5962.81	0.008131 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.000814n	mg/L	0.000053	6.5	24.1904	0.000814 mg/L	Y 371.029
Li 670.783	0.000384	mg/L	0.000020	5.1	40027.4	0.000384 mg/L	Y 371.029
Mg 279.078	-0.002166uv	mg/L	0.000682	31.5	8.41955	-0.002166 mg/L	Y 371.029
Mg 280.270	0.002171	mg/L	0.001412	65.0	396.022	0.002171 mg/L	Y 371.029
Mg 285.213	0.001274	mg/L	0.001061	83.3	116.295	0.001274 mg/L	Y 371.029
Mn 257.610	0.000574n	mg/L	0.000037	6.4	39.6149	0.000574 mg/L	Y 371.029
Mn 259.372	0.000387	mg/L	0.000049	12.7	40.7444	0.000387 mg/L	Y 371.029
Mn 260.568	0.000436	mg/L	0.000099	22.6	8.70782	0.000436 mg/L	Y 371.029
Mo 202.032	0.002855	mg/L	0.000348	12.2	15.0736	0.002855 mg/L	Y 371.029
Mo 203.846	0.002129	mg/L	0.001785	83.9	6.59340	0.002129 mg/L	Y 371.029
Mo 204.598	0.003706	mg/L	0.001197	32.3	7.50957	0.003706 mg/L	Y 371.029
Na 568.821	0.977154	mg/L	0.039384	4.0	124.160	0.977154 mg/L	Y 371.029
Na 588.995	-0.246770uv	mg/L	0.000315	0.1	114947	-0.246770 mg/L	Y 371.029
Na 589.592	-0.489764uv	mg/L	0.000154	0.0	50828.2	-0.489764 mg/L	Y 371.029
Ni 216.555	0.001488	mg/L	0.000643	43.2	4.59655	0.001488 mg/L	Y 371.029
Ni 221.648	0.000935	mg/L	0.000657	70.2	2.56766	0.000935 mg/L	Y 371.029
Ni 231.604	0.001065	mg/L	0.000482	45.3	4.22232	0.001065 mg/L	Y 371.029
P 177.434	-0.001143uv	mg/L	0.007128	623.7	1.68199	-0.001143 mg/L	Y 371.029
P 213.618	-0.003339uv	mg/L	0.002257	67.6	2.21441	-0.003339 mg/L	Y 371.029
P 214.914	0.006583	mg/L	0.003028	46.0	2.74762	0.006583 mg/L	Y 371.029
Pb 220.353	0.004708	mg/L	0.001362	28.9	3.98501	0.004708 mg/L	Y 371.029
Pb 261.417	0.005147uv	mg/L	0.005377	104.5	4.50876	0.005147 mg/L	Y 371.029
Pb 405.781	-0.001006uv	mg/L	0.005031	499.9	46.3588	-0.001006 mg/L	Y 371.029
Sb 206.834	-0.001551uv	mg/L	0.002356	151.9	4.31686	-0.001551 mg/L	Y 371.029
Sb 231.146	-0.008531uv	mg/L	0.004977	58.3	2.22881	-0.008531 mg/L	Y 371.029
Sb 259.804	0.001339uv	mg/L	0.002939	219.5	2.54858	0.001339 mg/L	Y 371.029
Se 196.026	-0.001301uv	mg/L	0.004922	378.2	2.09732	-0.001301 mg/L	Y 371.029
Se 203.985	0.006015uv	mg/L	0.010880	180.9	1.80973	0.006015 mg/L	Y 371.029
Si 250.690	0.029854	mg/L	0.001728	5.8	75.1731	0.029854 mg/L	Y 371.029
Si 251.611	0.027427	mg/L	0.000201	0.7	79.9319	0.027427 mg/L	Y 371.029
Si 288.158	0.021389	mg/L	0.000576	2.7	926.219	0.021389 mg/L	Y 371.029
Sn 189.927	0.000533uv	mg/L	0.003310	621.3	2.15231	0.000533 mg/L	Y 371.029
Sn 283.998	0.000603uv	mg/L	0.001122	186.2	4.80960	0.000603 mg/L	Y 371.029
Sr 216.596	0.000518uv	mg/L	0.000430	83.1	13.9503	0.000518 mg/L	Y 371.029
Sr 407.771	0.000004uv	mg/L	0.000007	172.0	5441.82	0.000004 mg/L	Y 371.029
Sr 421.552	0.000010uv	mg/L	0.000014	140.1	3499.79	0.000010 mg/L	Y 371.029
Ti 334.941	0.000192	mg/L	0.000129	67.3	91.4170	0.000192 mg/L	Y 371.029
Ti 336.122	0.000077	mg/L	0.000060	77.5	31.9688	0.000077 mg/L	Y 371.029
Ti 337.280	0.000541	mg/L	0.000200	37.0	11.4919	0.000541 mg/L	Y 371.029
Tl 190.794	0.003255	mg/L	0.000919	28.2	2.93589	0.003255 mg/L	Y 371.029
Tl 190.807	-0.001209uv	mg/L	0.004045	334.7	0.958008	-0.001209 mg/L	Y 371.029
Tl 351.923	-0.000971uv	mg/L	0.000970	99.9	6.88185	-0.000971 mg/L	Y 371.029
V 268.796	0.001218uv	mg/L	0.000448	36.8	22.5961	0.001218 mg/L	Y 371.029
V 292.401	0.000191	mg/L	0.000126	66.2	17.1667	0.000191 mg/L	Y 371.029
V 311.837	0.000749	mg/L	0.000045	6.0	4.80878	0.000749 mg/L	Y 371.029
Zn 202.548	0.004603	mg/L	0.000139	3.0	342.804	0.004603 mg/L	Y 371.029
Zn 206.200	0.005177	mg/L	0.000975	18.8	114.366	0.005177 mg/L	Y 371.029
Zn 213.857	0.002107	mg/L	0.000332	15.8	831.796	0.002107 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.617219	7398.58	20.866	0.3
Y 371.029	1.03054	167975	107.887	0.1

1113057-BS1 (Samp) **3/22/2011, 2:36:58 PM** **Rack 1, Tube 26**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.539634	mg/L	0.000384	0.1	23719.1	0.539634 mg/L	Y 371.029
Ag 338.289	0.517905	mg/L	0.001592	0.3	1389.95	0.517905 mg/L	Y 371.029
Al 237.312	5.06021	mg/L	0.012889	0.3	5637.63	5.06021 mg/L	Y 371.029
Al 257.509	5.02742	mg/L	0.006095	0.1	2516.92	5.02742 mg/L	Y 371.029
Al 308.215	5.24322	mg/L	0.002277	0.0	27397.8	5.24322 mg/L	Y 371.029
As 188.980	1.03973	mg/L	0.002459	0.2	241.145	1.03973 mg/L	Y 371.029
As 193.696	1.02917	mg/L	0.005988	0.6	295.146	1.02917 mg/L	Y 371.029
As 228.812	1.80524	mg/L	0.035169	1.9	3041.62	1.80524 mg/L	Y 371.029
B 182.577	0.991921	mg/L	0.003640	0.4	346.741	0.991921 mg/L	Y 371.029
B 249.678	0.983482	mg/L	0.013540	1.4	7676.41	0.983482 mg/L	Y 371.029
B 249.772	0.974191	mg/L	0.017388	1.8	14086.0	0.974191 mg/L	Y 371.029
Ba 233.527	1.03949	mg/L	0.001609	0.2	31827.3	1.03949 mg/L	Y 371.029
Ba 455.403	0.983223	mg/L	0.002099	0.2	890034	0.983223 mg/L	Y 371.029
Ba 493.408	0.974596	mg/L	0.003188	0.3	576142	0.974596 mg/L	Y 371.029
Be 234.861	1.03979	mg/L	0.001530	0.1	94417.6	1.03979 mg/L	Y 371.029
Be 313.042	1.05560	mg/L	0.005296	0.5	1403339	1.05560 mg/L	Y 371.029
Be 313.107	1.05679	mg/L	0.005280	0.5	702276	1.05679 mg/L	Y 371.029
Ca 393.366	7.53092	mg/L	0.017463	0.2	9664824	7.53092 mg/L	Y 371.029
Ca 396.847	8.33105	mg/L	0.015706	0.2	17650872	8.33105 mg/L	Y 371.029
Ca 430.253	9.88921	mg/L	0.016584	0.2	34448.1	9.88921 mg/L	Y 371.029
Cd 214.439	1.03581	mg/L	0.006374	0.6	11254.4	1.03581 mg/L	Y 371.029
Cd 226.502	1.04344	mg/L	0.002352	0.2	25290.5	1.04344 mg/L	Y 371.029
Cd 228.802	1.00832	mg/L	0.003913	0.4	10914.9	1.00832 mg/L	Y 371.029
Co 228.615	1.03652	mg/L	0.001662	0.2	6469.72	1.03652 mg/L	Y 371.029
Co 230.786	1.03431	mg/L	0.000994	0.1	4587.06	1.03431 mg/L	Y 371.029
Co 238.892	1.00212	mg/L	0.009272	0.9	4301.95	1.00212 mg/L	Y 371.029
Cr 205.560	1.03104	mg/L	0.002203	0.2	3063.22	1.03104 mg/L	Y 371.029
Cr 206.158	1.04441	mg/L	0.005682	0.5	1288.78	1.04441 mg/L	Y 371.029
Cr 267.716	1.02886	mg/L	0.000898	0.1	17087.4	1.02886 mg/L	Y 371.029
Cu 213.598	1.05456	mg/L	0.003220	0.3	2461.80	1.05456 mg/L	Y 371.029
Cu 324.754	0.991813	mg/L	0.000899	0.1	29676.4	0.991813 mg/L	Y 371.029
Cu 327.395	1.00663	mg/L	0.006648	0.7	40051.8	1.00663 mg/L	Y 371.029
Fe 234.350	5.10691	mg/L	0.021605	0.4	34511.7	5.10691 mg/L	Y 371.029
Fe 238.204	5.15221	mg/L	0.036385	0.7	71435.3	5.15221 mg/L	Y 371.029
Fe 259.940	5.11490	mg/L	0.044538	0.9	63131.4	5.11490 mg/L	Y 371.029
Ga 287.423	1.01784	mg/L	0.004248	0.4	1947.15	1.01784 mg/L	Y 371.029
Ga 294.363	0.999734	mg/L	0.001724	0.2	5115.12	0.999734 mg/L	Y 371.029
Ga 417.204	0.987698	mg/L	0.001765	0.2	7783.96	0.987698 mg/L	Y 371.029
K 766.491	9.73004	mg/L	0.017261	0.2	554149	9.73004 mg/L	Y 371.029
K 769.897	10.3117	mg/L	0.056877	0.6	474289	10.3117 mg/L	Y 371.029
Li 610.365	1.10779n	mg/L	0.003133	0.3	37076.8	1.10779 mg/L	Y 371.029
Li 670.783	1.06736	mg/L	0.002339	0.2	2605919	1.06736 mg/L	Y 371.029
Mg 279.078	10.4117	mg/L	0.024801	0.2	11511.9	10.4117 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	9.86462	mg/L	0.029591	0.3	766259	9.86462 mg/L	Y 371.029
Mg 285.213	10.7571	mg/L	0.113412	1.1	301572	10.7571 mg/L	Y 371.029
Mn 257.610	0.999797n	mg/L	0.007692	0.8	115469	0.999797 mg/L	Y 371.029
Mn 259.372	1.00638	mg/L	0.005066	0.5	88634.2	1.00638 mg/L	Y 371.029
Mn 260.568	1.02815	mg/L	0.011013	1.1	15555.2	1.02815 mg/L	Y 371.029
Mo 202.032	0.980334	mg/L	0.023491	2.4	2790.52	0.980334 mg/L	Y 371.029
Mo 203.846	0.974226	mg/L	0.023640	2.4	1186.49	0.974226 mg/L	Y 371.029
Mo 204.598	0.964107	mg/L	0.026488	2.7	1374.24	0.964107 mg/L	Y 371.029
Na 568.821	9.38994	mg/L	0.033296	0.4	2122.52	9.38994 mg/L	Y 371.029
Na 588.995	10.5386	mg/L	0.030875	0.3	4411212	10.5386 mg/L	Y 371.029
Na 589.592	11.0713	mg/L	0.011813	0.1	2399971	11.0713 mg/L	Y 371.029
Ni 216.555	1.03537	mg/L	0.002324	0.2	3438.66	1.03537 mg/L	Y 371.029
Ni 221.648	1.03975	mg/L	0.001191	0.1	1386.04	1.03975 mg/L	Y 371.029
Ni 231.604	1.04461	mg/L	0.005691	0.5	2432.17	1.04461 mg/L	Y 371.029
P 177.434	1.04991	mg/L	0.003204	0.3	113.659	1.04991 mg/L	Y 371.029
P 213.618	1.05861	mg/L	0.011713	1.1	452.620	1.05861 mg/L	Y 371.029
P 214.914	1.04217	mg/L	0.013862	1.3	121.849	1.04217 mg/L	Y 371.029
Pb 220.353	1.03847	mg/L	0.001301	0.1	748.307	1.03847 mg/L	Y 371.029
Pb 261.417	0.766041	mg/L	0.003719	0.5	318.120	0.766041 mg/L	Y 371.029
Pb 405.781	0.987175	mg/L	0.006874	0.7	1138.42	0.987175 mg/L	Y 371.029
Sb 206.834	1.08909	mg/L	0.004214	0.4	505.321	1.08909 mg/L	Y 371.029
Sb 231.146	1.09876	mg/L	0.015765	1.4	420.013	1.09876 mg/L	Y 371.029
Sb 259.804	0.823488	mg/L	0.019324	2.3	266.862	0.823488 mg/L	Y 371.029
Se 196.026	1.03459	mg/L	0.025274	2.4	202.820	1.03459 mg/L	Y 371.029
Se 203.985	1.05126	mg/L	0.024656	2.3	127.151	1.05126 mg/L	Y 371.029
Si 250.690	1.07520	mg/L	0.009894	0.9	1180.91	1.07520 mg/L	Y 371.029
Si 251.611	1.07978	mg/L	0.003975	0.4	1289.45	1.07978 mg/L	Y 371.029
Si 288.158	1.05259	mg/L	0.009094	0.9	7008.00	1.05259 mg/L	Y 371.029
Sn 189.927	1.03201	mg/L	0.006532	0.6	217.270	1.03201 mg/L	Y 371.029
Sn 283.998	1.11910	mg/L	0.004060	0.4	1842.63	1.11910 mg/L	Y 371.029
Sr 216.596	1.09881	mg/L	0.003438	0.3	5681.78	1.09881 mg/L	Y 371.029
Sr 407.771	1.02066	mg/L	0.013139	1.3	2576088	1.02066 mg/L	Y 371.029
Sr 421.552	1.01807	mg/L	0.007371	0.7	1708285	1.01807 mg/L	Y 371.029
Ti 334.941	0.997431	mg/L	0.000664	0.1	200612	0.997431 mg/L	Y 371.029
Ti 336.122	0.998762	mg/L	0.001075	0.1	84937.5	0.998762 mg/L	Y 371.029
Ti 337.280	1.01466	mg/L	0.001107	0.1	29174.3	1.01466 mg/L	Y 371.029
Tl 190.794	1.03690	mg/L	0.004176	0.4	269.418	1.03690 mg/L	Y 371.029
Tl 190.807	1.02548	mg/L	0.005696	0.6	134.531	1.02548 mg/L	Y 371.029
Tl 351.923	1.02696	mg/L	0.005363	0.5	1552.67	1.02696 mg/L	Y 371.029
V 268.796	0.933096	mg/L	0.003160	0.3	7831.28	0.933096 mg/L	Y 371.029
V 292.401	1.02532	mg/L	0.001726	0.2	25169.6	1.02532 mg/L	Y 371.029
V 311.837	1.02013	mg/L	0.000303	0.0	35522.6	1.02013 mg/L	Y 371.029
Zn 202.548	1.08320	mg/L	0.001471	0.1	5378.67	1.08320 mg/L	Y 371.029
Zn 206.200	1.07934	mg/L	0.006478	0.6	1786.73	1.07934 mg/L	Y 371.029
Zn 213.857	1.03397	mg/L	0.010963	1.1	12940.6	1.03397 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.611013	7324.20	40.368	0.6
Y 371.029	1.01529	165490	1201.002	0.7

11C0457-01 (Samp) **3/22/2011, 2:41:13 PM** **Rack 1, Tube 27**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000140	mg/L	0.000179	127.6	186.807	0.000140 mg/L	Y 371.029
Ag 338.289	0.000595	mg/L	0.000029	4.9	-0.649061	0.000595 mg/L	Y 371.029
Al 237.312	0.022177	mg/L	0.002698	12.2	65.9759	0.022177 mg/L	Y 371.029
Al 257.509	0.026387	mg/L	0.004556	17.3	33.6376	0.026387 mg/L	Y 371.029
Al 308.215	0.014947	mg/L	0.000973	6.5	1225.17	0.014947 mg/L	Y 371.029
As 188.980	0.013285	mg/L	0.004801	36.1	6.18288	0.013285 mg/L	Y 371.029
As 193.696	-0.000106uv	mg/L	0.001764	1660.0	2.72792	-0.000106 mg/L	Y 371.029
As 228.812	0.001703uv	mg/L	0.002221	130.5	4.86282	0.001703 mg/L	Y 371.029
B 182.577	0.023693	mg/L	0.002981	12.6	11.3079	0.023693 mg/L	Y 371.029
B 249.678	0.019790	mg/L	0.002669	13.5	177.752	0.019790 mg/L	Y 371.029
B 249.772	0.019957	mg/L	0.002659	13.3	324.503	0.019957 mg/L	Y 371.029
Ba 233.527	0.034103	mg/L	0.000133	0.4	1193.16	0.034103 mg/L	Y 371.029
Ba 455.403	0.032875	mg/L	0.000086	0.3	34147.7	0.032875 mg/L	Y 371.029
Ba 493.408	0.032244	mg/L	0.000053	0.2	21964.2	0.032244 mg/L	Y 371.029
Be 234.861	0.000031	mg/L	0.000006	18.9	0.935042	0.000031 mg/L	Y 371.029
Be 313.042	-0.000009uv	mg/L	0.000011	121.1	400.014	-0.000009 mg/L	Y 371.029
Be 313.107	0.000054	mg/L	0.000005	10.0	38.9639	0.000054 mg/L	Y 371.029
Ca 393.366	16.6044	mg/L	0.045433	0.3	21273854	16.6044 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.147319	0.9	36567360	- mg/L	Y 371.029
Ca 430.253	27.2855	mg/L	0.032818	0.1	94084.4	27.2855 mg/L	Y 371.029
Cd 214.439	0.000225	mg/L	0.000038	17.0	3.66145	0.000225 mg/L	Y 371.029
Cd 226.502	-0.000039uv	mg/L	0.000062	156.9	14.4061	-0.000039 mg/L	Y 371.029
Cd 228.802	-0.000025uv	mg/L	0.000085	334.8	10.1725	-0.000025 mg/L	Y 371.029
Co 228.615	0.000947	mg/L	0.000151	15.9	1.74405	0.000947 mg/L	Y 371.029
Co 230.786	0.000535	mg/L	0.000375	70.1	7.23901	0.000535 mg/L	Y 371.029
Co 238.892	-0.000234uv	mg/L	0.000057	24.3	1.14142	-0.000234 mg/L	Y 371.029
Cr 205.560	0.000061	mg/L	0.000185	301.5	2.86826	0.000061 mg/L	Y 371.029
Cr 206.158	0.001591	mg/L	0.000620	38.9	2.49508	0.001591 mg/L	Y 371.029
Cr 267.716	0.000323	mg/L	0.000147	45.6	22.3817	0.000323 mg/L	Y 371.029
Cu 213.598	0.009331	mg/L	0.000830	8.9	22.7799	0.009331 mg/L	Y 371.029
Cu 324.754	0.008643	mg/L	0.000278	3.2	651.066	0.008643 mg/L	Y 371.029
Cu 327.395	0.009153	mg/L	0.000248	2.7	381.402	0.009153 mg/L	Y 371.029
Fe 234.350	0.037186	mg/L	0.000685	1.8	293.414	0.037186 mg/L	Y 371.029
Fe 238.204	0.037651	mg/L	0.000291	0.8	603.605	0.037651 mg/L	Y 371.029
Fe 259.940	0.034761	mg/L	0.000715	2.1	494.590	0.034761 mg/L	Y 371.029
Ga 287.423	-0.001062uv	mg/L	0.001697	159.8	4.69114	-0.001062 mg/L	Y 371.029
Ga 294.363	0.002023	mg/L	0.000420	20.8	16.2573	0.002023 mg/L	Y 371.029
Ga 417.204	0.001662uv	mg/L	0.001862	112.0	49.1072	0.001662 mg/L	Y 371.029
K 766.491	2.64418	mg/L	0.003257	0.1	151957	2.64418 mg/L	Y 371.029
K 769.897	2.64209	mg/L	0.003810	0.1	125935	2.64209 mg/L	Y 371.029
Li 610.365	0.001068n	mg/L	0.000134	12.6	32.6805	0.001068 mg/L	Y 371.029
Li 670.783	0.001415	mg/L	0.000012	0.9	43259.1	0.001415 mg/L	Y 371.029
Mg 279.078	8.21881	mg/L	0.012584	0.2	9156.57	8.21881 mg/L	Y 371.029
Mg 280.270	7.96869	mg/L	0.072412	0.9	618942	7.96869 mg/L	Y 371.029
Mg 285.213	8.51559	mg/L	0.124554	1.5	240424	8.51559 mg/L	Y 371.029
Mn 257.610	0.001712n	mg/L	0.000033	2.0	266.082	0.001712 mg/L	Y 371.029
Mn 259.372	0.001998	mg/L	0.000010	0.5	234.859	0.001998 mg/L	Y 371.029
Mn 260.568	0.003297	mg/L	0.000236	7.2	68.5020	0.003297 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.015827	mg/L	0.004726	29.9	81.7146	0.015827 mg/L	Y 371.029
Mo 203.846	0.015519	mg/L	0.005294	34.1	35.9814	0.015519 mg/L	Y 371.029
Mo 204.598	0.015470	mg/L	0.005089	32.9	39.8665	0.015470 mg/L	Y 371.029
Na 568.821	24.1149	mg/L	0.046323	0.2	5656.56	24.1149 mg/L	Y 371.029
Na 588.995	25.4030	mg/L	0.026586	0.1	10328439	25.4030 mg/L	Y 371.029
Na 589.592	27.2465	mg/L	0.029122	0.1	5683903	27.2465 mg/L	Y 371.029
Ni 216.555	0.001256	mg/L	0.000421	33.5	4.01548	0.001256 mg/L	Y 371.029
Ni 221.648	0.000551	mg/L	0.000702	127.4	2.24003	0.000551 mg/L	Y 371.029
Ni 231.604	0.002385	mg/L	0.000755	31.7	7.88375	0.002385 mg/L	Y 371.029
P 177.434	0.015557	mg/L	0.004820	31.0	3.39656	0.015557 mg/L	Y 371.029
P 213.618	0.005404	mg/L	0.002428	44.9	6.67305	0.005404 mg/L	Y 371.029
P 214.914	0.015080	mg/L	0.010628	70.5	3.77533	0.015080 mg/L	Y 371.029
Pb 220.353	0.003853	mg/L	0.000207	5.4	3.57473	0.003853 mg/L	Y 371.029
Pb 261.417	0.003935	mg/L	0.005083	129.2	5.03215	0.003935 mg/L	Y 371.029
Pb 405.781	0.000138	mg/L	0.003025	2194.8	54.0039	0.000138 mg/L	Y 371.029
Sb 206.834	-0.005221uv	mg/L	0.003172	60.8	5.68649	-0.005221 mg/L	Y 371.029
Sb 231.146	-0.008612uv	mg/L	0.000995	11.6	3.40898	-0.008612 mg/L	Y 371.029
Sb 259.804	0.013853	mg/L	0.011354	82.0	7.88381	0.013853 mg/L	Y 371.029
Se 196.026	0.020918	mg/L	0.008285	39.6	6.56298	0.020918 mg/L	Y 371.029
Se 203.985	0.019759	mg/L	0.009273	46.9	3.07097	0.019759 mg/L	Y 371.029
Si 250.690	2.65905	mg/L	0.007956	0.3	2832.33	2.65905 mg/L	Y 371.029
Si 251.611	2.71631	mg/L	0.017153	0.6	3117.66	2.71631 mg/L	Y 371.029
Si 288.158	2.62460	mg/L	0.022788	0.9	16317.5	2.62460 mg/L	Y 371.029
Sn 189.927	0.003616	mg/L	0.003748	103.6	2.92529	0.003616 mg/L	Y 371.029
Sn 283.998	0.002574uv	mg/L	0.004351	169.0	10.0154	0.002574 mg/L	Y 371.029
Sr 216.596	0.077523	mg/L	0.001252	1.6	491.970	0.077523 mg/L	Y 371.029
Sr 407.771	0.072285	mg/L	0.000946	1.3	226424	0.072285 mg/L	Y 371.029
Sr 421.552	0.072125	mg/L	0.000966	1.3	150349	0.072125 mg/L	Y 371.029
Ti 334.941	0.002228	mg/L	0.000531	23.8	507.886	0.002228 mg/L	Y 371.029
Ti 336.122	0.001831	mg/L	0.000491	26.8	180.953	0.001831 mg/L	Y 371.029
Ti 337.280	0.002232	mg/L	0.000655	29.3	64.3105	0.002232 mg/L	Y 371.029
Tl 190.794	-0.000419uv	mg/L	0.003281	783.4	2.05521	-0.000419 mg/L	Y 371.029
Tl 190.807	0.004252uv	mg/L	0.008181	192.4	1.63662	0.004252 mg/L	Y 371.029
Tl 351.923	0.005728	mg/L	0.003970	69.3	16.8701	0.005728 mg/L	Y 371.029
V 268.796	0.000914	mg/L	0.000734	80.4	46.2213	0.000914 mg/L	Y 371.029
V 292.401	0.000353	mg/L	0.000216	61.1	22.4918	0.000353 mg/L	Y 371.029
V 311.837	0.000671	mg/L	0.000020	2.9	3.31904	0.000671 mg/L	Y 371.029
Zn 202.548	0.010876	mg/L	0.000571	5.3	385.816	0.010876 mg/L	Y 371.029
Zn 206.200	0.012756	mg/L	0.000370	2.9	130.955	0.012756 mg/L	Y 371.029
Zn 213.857	0.009604	mg/L	0.000140	1.5	955.146	0.009604 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.611648	7331.81	48.415	0.7
Y 371.029	1.00967	164575	1061.655	0.6

11C0823-01 (Samp) **3/22/2011, 2:45:08 PM** **Rack 1, Tube 28**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.016638uvb	mg/L	0.000431	2.6	114.968	-0.016638 mg/L	Y 371.029
Ag 338.289	0.002327b	mg/L	0.000934	40.1	2.71307	0.002327 mg/L	Y 371.029
Al 237.312	0.150642b	mg/L	0.001997	1.3	279.792	0.150642 mg/L	Y 371.029
Al 257.509	0.052329b	mg/L	0.005262	10.1	120.155	0.052329 mg/L	Y 371.029
Al 308.215	0.270099b	mg/L	0.001564	0.6	2400.62	0.270099 mg/L	Y 371.029
As 188.980	0.042950b	mg/L	0.001960	4.6	5.44637	0.042950 mg/L	Y 371.029
As 193.696	-0.012468uvb	mg/L	0.001032	8.3	2.71067	-0.012468 mg/L	Y 371.029
As 228.812	0.034941uvb	mg/L	0.002327	6.7	7.85776	0.034941 mg/L	Y 371.029
B 182.577	11.7769b	mg/L	0.059736	0.5	4083.65	11.7769 mg/L	Y 371.029
B 249.678	11.5377b	mg/L	0.209066	1.8	89866.5	11.5377 mg/L	Y 371.029
B 249.772	11.2232b	mg/L	0.245931	2.2	161209	11.2232 mg/L	Y 371.029
Ba 233.527	0.012246b	mg/L	0.000228	1.9	669.410	0.012246 mg/L	Y 371.029
Ba 455.403	0.013804b	mg/L	0.000013	0.1	19694.3	0.013804 mg/L	Y 371.029
Ba 493.408	0.013250b	mg/L	0.000060	0.5	12944.0	0.013250 mg/L	Y 371.029
Be 234.861	0.000111b	mg/L	0.000120	107.4	14.2356	0.000111 mg/L	Y 371.029
Be 313.042	0.000263b	mg/L	0.000112	42.7	623.094	0.000263 mg/L	Y 371.029
Be 313.107	0.000195b	mg/L	0.000111	56.9	177.322	0.000195 mg/L	Y 371.029
Ca 393.366	-ob	mg/L	0.123109	0.4	39698444	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.111267	0.6	39503824	- mg/L	Y 371.029
Ca 430.253	-xb	mg/L	0.666819	0.2	1466106	- mg/L	Y 371.029
Cd 214.439	0.000623b	mg/L	0.000166	26.6	7.54968	0.000623 mg/L	Y 371.029
Cd 226.502	-0.000549b	mg/L	0.000104	18.9	17.9634	-0.000549 mg/L	Y 371.029
Cd 228.802	0.000560b	mg/L	0.000243	43.3	14.2404	0.000560 mg/L	Y 371.029
Co 228.615	0.014338b	mg/L	0.000296	2.1	59.8486	0.014338 mg/L	Y 371.029
Co 230.786	0.013604b	mg/L	0.000378	2.8	57.4524	0.013604 mg/L	Y 371.029
Co 238.892	0.004172b	mg/L	0.000065	1.5	41.5916	0.004172 mg/L	Y 371.029
Cr 205.560	-0.002684uvb	mg/L	0.000721	26.9	3.84945	-0.002684 mg/L	Y 371.029
Cr 206.158	-0.001113b	mg/L	0.000538	48.3	2.06241	-0.001113 mg/L	Y 371.029
Cr 267.716	-0.002009b	mg/L	0.000247	12.3	22.1205	-0.002009 mg/L	Y 371.029
Cu 213.598	-0.008661b	mg/L	0.000369	4.3	16.3654	-0.008661 mg/L	Y 371.029
Cu 324.754	0.017265b	mg/L	0.000167	1.0	455.404	0.017265 mg/L	Y 371.029
Cu 327.395	-0.003791b	mg/L	0.000265	7.0	38.2238	-0.003791 mg/L	Y 371.029
Fe 234.350	0.396291b	mg/L	0.002897	0.7	3390.92	0.396291 mg/L	Y 371.029
Fe 238.204	0.389367b	mg/L	0.001958	0.5	7079.04	0.389367 mg/L	Y 371.029
Fe 259.940	0.405658b	mg/L	0.004347	1.1	6049.85	0.405658 mg/L	Y 371.029
Ga 287.423	-0.002702b	mg/L	0.001069	39.6	12.7571	-0.002702 mg/L	Y 371.029
Ga 294.363	-0.002408uvb	mg/L	0.001094	45.4	11.5934	-0.002408 mg/L	Y 371.029
Ga 417.204	-0.000719uvb	mg/L	0.000147	20.5	18.9568	-0.000719 mg/L	Y 371.029
K 766.491	-xb	mg/L	0.302863	0.2	8945647	- mg/L	Y 371.029
K 769.897	-xb	mg/L	0.356224	0.2	9032737	- mg/L	Y 371.029
Li 610.365	13.7239n	mg/L	0.084737	0.6	459363	13.7239 mg/L	Y 371.029
Li 670.783	10.6463b	mg/L	0.024597	0.2	25648014	10.6463 mg/L	Y 371.029
Mg 279.078	219.321b	mg/L	0.087130	0.0	242710	219.321 mg/L	Y 371.029
Mg 280.270	93.7304b	mg/L	0.499883	0.5	7278739	93.7304 mg/L	Y 371.029
Mg 285.213	170.815b	mg/L	1.59112	0.9	4802802	170.815 mg/L	Y 371.029
Mn 257.610	0.624765nb	mg/L	0.003955	0.6	72536.2	0.624765 mg/L	Y 371.029
Mn 259.372	0.626873b	mg/L	0.003206	0.5	56627.6	0.626873 mg/L	Y 371.029
Mn 260.568	0.638649b	mg/L	0.003837	0.6	10062.3	0.638649 mg/L	Y 371.029
Mo 202.032	2.75459b	mg/L	0.058600	2.1	8640.16	2.75459 mg/L	Y 371.029
Mo 203.846	2.76686b	mg/L	0.071109	2.6	3720.45	2.76686 mg/L	Y 371.029
Mo 204.598	2.73037b	mg/L	0.069586	2.5	4316.16	2.73037 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Na 568.821	-xb	mg/L	0.121565	0.0	167432	-	mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.278765	0.4	30544438	-	mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.444588	0.3	31897218	-	mg/L	Y 371.029
Ni 216.555	0.035449b	mg/L	0.000864	2.4	118.369	0.035449	mg/L	Y 371.029
Ni 221.648	0.037384b	mg/L	0.001200	3.2	55.1301	0.037384	mg/L	Y 371.029
Ni 231.604	0.045173b	mg/L	0.000289	0.6	117.135	0.045173	mg/L	Y 371.029
P 177.434	0.044855b	mg/L	0.005112	11.4	4.76470	0.044855	mg/L	Y 371.029
P 213.618	-0.026554b	mg/L	0.004551	17.1	12.6942	-0.026554	mg/L	Y 371.029
P 214.914	0.069038b	mg/L	0.022777	33.0	12.0796	0.069038	mg/L	Y 371.029
Pb 220.353	-0.003989b	mg/L	0.000164	4.1	1.90218	-0.003989	mg/L	Y 371.029
Pb 261.417	-0.089485b	mg/L	0.004225	4.7	4.41269	-0.089485	mg/L	Y 371.029
Pb 405.781	0.262057b	mg/L	0.011579	4.4	460.871	0.262057	mg/L	Y 371.029
Sb 206.834	-0.109557uvb	mg/L	0.005334	4.9	5.32755	-0.109557	mg/L	Y 371.029
Sb 231.146	-0.025444uvb	mg/L	0.006450	25.3	5.87778	-0.025444	mg/L	Y 371.029
Sb 259.804	-0.016998b	mg/L	0.001533	9.0	3.35873	-0.016998	mg/L	Y 371.029
Se 196.026	0.029118b	mg/L	0.007282	25.0	8.59270	0.029118	mg/L	Y 371.029
Se 203.985	0.077293b	mg/L	0.013992	18.1	3.38554	0.077293	mg/L	Y 371.029
Si 250.690	5.14631b	mg/L	0.004003	0.1	5632.18	5.14631	mg/L	Y 371.029
Si 251.611	5.24979b	mg/L	0.008715	0.2	6243.28	5.24979	mg/L	Y 371.029
Si 288.158	5.20622b	mg/L	0.028403	0.5	32284.6	5.20622	mg/L	Y 371.029
Sn 189.927	-0.009764b	mg/L	0.002755	28.2	2.71544	-0.009764	mg/L	Y 371.029
Sn 283.998	-0.027895b	mg/L	0.003440	12.3	25.4928	-0.027895	mg/L	Y 371.029
Sr 216.596	5.97477b	mg/L	0.028796	0.5	31680.2	5.97477	mg/L	Y 371.029
Sr 407.771	5.11530b	mg/L	0.033678	0.7	13306333	5.11530	mg/L	Y 371.029
Sr 421.552	5.26775b	mg/L	0.041359	0.8	9102648	5.26775	mg/L	Y 371.029
Ti 334.941	0.005211b	mg/L	0.000380	7.3	1194.41	0.005211	mg/L	Y 371.029
Ti 336.122	0.003788b	mg/L	0.000353	9.3	370.857	0.003788	mg/L	Y 371.029
Ti 337.280	0.003486b	mg/L	0.000542	15.5	179.599	0.003486	mg/L	Y 371.029
Tl 190.794	-0.012994uvb	mg/L	0.003533	27.2	2.75990	-0.012994	mg/L	Y 371.029
Tl 190.807	-0.000297b	mg/L	0.002568	864.8	3.70299	-0.000297	mg/L	Y 371.029
Tl 351.923	0.036818b	mg/L	0.001988	5.4	44.2287	0.036818	mg/L	Y 371.029
V 268.796	0.048005b	mg/L	0.006773	14.1	2555.09	0.048005	mg/L	Y 371.029
V 292.401	-0.000323b	mg/L	0.000325	100.8	31.3188	-0.000323	mg/L	Y 371.029
V 311.837	0.000553b	mg/L	0.000070	12.6	15.3833	0.000553	mg/L	Y 371.029
Zn 202.548	-0.069260b	mg/L	0.000707	1.0	339.324	-0.069260	mg/L	Y 371.029
Zn 206.200	-0.057289b	mg/L	0.001078	1.9	136.936	-0.057289	mg/L	Y 371.029
Zn 213.857	-0.054448b	mg/L	0.000240	0.4	1063.54	-0.054448	mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.559988	6712.56	3.613	0.1
Y 371.029	0.935740	152524	428.213	0.3

11C1114-01 (Samp) **3/22/2011, 2:49:22 PM** **Rack 1, Tube 29**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Ag 328.068	-0.000049	mg/L	0.000251	510.0	188.987	-0.000049	mg/L	Y 371.029
Ag 338.289	0.000814	mg/L	0.000710	87.2	0.017599	0.000814	mg/L	Y 371.029
Al 237.312	0.008414	mg/L	0.005285	62.8	51.0720	0.008414	mg/L	Y 371.029
Al 257.509	0.011400	mg/L	0.004560	40.0	26.8365	0.011400	mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.003637uv	mg/L	0.004646	127.8	1153.91	0.003637 mg/L	Y 371.029
As 188.980	0.005349	mg/L	0.001081	20.2	4.10622	0.005349 mg/L	Y 371.029
As 193.696	-0.002296uv	mg/L	0.002327	101.3	2.25332	-0.002296 mg/L	Y 371.029
As 228.812	0.005246	mg/L	0.000658	12.5	7.82370	0.005246 mg/L	Y 371.029
B 182.577	0.325815	mg/L	0.020341	6.2	115.793	0.325815 mg/L	Y 371.029
B 249.678	0.332720	mg/L	0.023095	6.9	2611.38	0.332720 mg/L	Y 371.029
B 249.772	0.330215	mg/L	0.021707	6.6	4775.07	0.330215 mg/L	Y 371.029
Ba 233.527	0.001356	mg/L	0.000060	4.4	191.884	0.001356 mg/L	Y 371.029
Ba 455.403	0.001040	mg/L	0.000023	2.2	5334.33	0.001040 mg/L	Y 371.029
Ba 493.408	0.000945	mg/L	0.000022	2.3	3479.97	0.000945 mg/L	Y 371.029
Be 234.861	0.000217	mg/L	0.000099	45.6	17.9839	0.000217 mg/L	Y 371.029
Be 313.042	0.000175	mg/L	0.000104	59.3	641.425	0.000175 mg/L	Y 371.029
Be 313.107	0.000238	mg/L	0.000104	43.8	161.230	0.000238 mg/L	Y 371.029
Ca 393.366	8.70097	mg/L	0.010362	0.1	11157524	8.70097 mg/L	Y 371.029
Ca 396.847	9.72595	mg/L	0.014012	0.1	20598112	9.72595 mg/L	Y 371.029
Ca 430.253	11.8153	mg/L	0.023739	0.2	41087.8	11.8153 mg/L	Y 371.029
Cd 214.439	0.000146	mg/L	0.000070	48.3	2.82998	0.000146 mg/L	Y 371.029
Cd 226.502	-0.000201uv	mg/L	0.000104	52.0	10.3870	-0.000201 mg/L	Y 371.029
Cd 228.802	-0.000182uv	mg/L	0.000089	49.0	8.46566	-0.000182 mg/L	Y 371.029
Co 228.615	0.001359	mg/L	0.000501	36.8	3.59013	0.001359 mg/L	Y 371.029
Co 230.786	0.000316uv	mg/L	0.000417	131.9	5.62216	0.000316 mg/L	Y 371.029
Co 238.892	-0.000166uv	mg/L	0.000219	132.4	2.04131	-0.000166 mg/L	Y 371.029
Cr 205.560	0.000235uv	mg/L	0.000353	150.0	3.30812	0.000235 mg/L	Y 371.029
Cr 206.158	0.000443uv	mg/L	0.000825	186.1	1.26262	0.000443 mg/L	Y 371.029
Cr 267.716	0.000441	mg/L	0.000222	50.3	24.0447	0.000441 mg/L	Y 371.029
Cu 213.598	0.000346	mg/L	0.000266	76.8	2.59564	0.000346 mg/L	Y 371.029
Cu 324.754	0.000458uv	mg/L	0.000316	69.1	401.762	0.000458 mg/L	Y 371.029
Cu 327.395	0.000327	mg/L	0.000124	38.0	31.0279	0.000327 mg/L	Y 371.029
Fe 234.350	0.012394	mg/L	0.001223	9.9	128.115	0.012394 mg/L	Y 371.029
Fe 238.204	0.013176	mg/L	0.001985	15.1	272.092	0.013176 mg/L	Y 371.029
Fe 259.940	0.011373	mg/L	0.002527	22.2	218.587	0.011373 mg/L	Y 371.029
Ga 287.423	0.000305uv	mg/L	0.004051	1326.5	7.66496	0.000305 mg/L	Y 371.029
Ga 294.363	0.001107	mg/L	0.000449	40.5	13.8025	0.001107 mg/L	Y 371.029
Ga 417.204	0.000699uv	mg/L	0.001520	217.4	44.8064	0.000699 mg/L	Y 371.029
K 766.491	11.5588	mg/L	0.019917	0.2	658099	11.5588 mg/L	Y 371.029
K 769.897	12.0080	mg/L	0.019569	0.2	551661	12.0080 mg/L	Y 371.029
Li 610.365	0.006837n	mg/L	0.000267	3.9	225.777	0.006837 mg/L	Y 371.029
Li 670.783	0.015055	mg/L	0.000084	0.6	76219.6	0.015055 mg/L	Y 371.029
Mg 279.078	5.16329	mg/L	0.016702	0.3	5737.66	5.16329 mg/L	Y 371.029
Mg 280.270	5.10923	mg/L	0.005092	0.1	396977	5.10923 mg/L	Y 371.029
Mg 285.213	5.21450	mg/L	0.039386	0.8	146841	5.21450 mg/L	Y 371.029
Mn 257.610	0.000684n	mg/L	0.000075	11.0	88.2182	0.000684 mg/L	Y 371.029
Mn 259.372	0.000513	mg/L	0.000110	21.4	107.229	0.000513 mg/L	Y 371.029
Mn 260.568	0.001272	mg/L	0.000034	2.7	32.0245	0.001272 mg/L	Y 371.029
Mo 202.032	0.031131	mg/L	0.008937	28.7	155.960	0.031131 mg/L	Y 371.029
Mo 203.846	0.030872	mg/L	0.009443	30.6	68.3242	0.030872 mg/L	Y 371.029
Mo 204.598	0.029923	mg/L	0.009838	32.9	76.8354	0.029923 mg/L	Y 371.029
Na 568.821	51.7980	mg/L	0.126893	0.2	12244.1	51.7980 mg/L	Y 371.029
Na 588.995	48.1489	mg/L	0.136779	0.3	19382950	48.1489 mg/L	Y 371.029
Na 589.592	55.3204	mg/L	0.141224	0.3	11384181	55.3204 mg/L	Y 371.029
Ni 216.555	0.001222	mg/L	0.000504	41.2	3.60631	0.001222 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.003160	mg/L	0.000910	28.8	5.73319	0.003160 mg/L	Y 371.029
Ni 231.604	0.001172	mg/L	0.000464	39.6	4.46286	0.001172 mg/L	Y 371.029
P 177.434	0.047419	mg/L	0.004185	8.8	6.72805	0.047419 mg/L	Y 371.029
P 213.618	0.036045	mg/L	0.000824	2.3	20.0555	0.036045 mg/L	Y 371.029
P 214.914	0.048542	mg/L	0.007037	14.5	7.50240	0.048542 mg/L	Y 371.029
Pb 220.353	0.006236	mg/L	0.003989	64.0	5.28796	0.006236 mg/L	Y 371.029
Pb 261.417	-0.001180	mg/L	0.002100	177.9	5.04904	-0.001180 mg/L	Y 371.029
Pb 405.781	-0.004898uv	mg/L	0.007141	145.8	48.0742	-0.004898 mg/L	Y 371.029
Sb 206.834	-0.004983uv	mg/L	0.000778	15.6	5.23870	-0.004983 mg/L	Y 371.029
Sb 231.146	-0.007414uv	mg/L	0.003018	40.7	2.27335	-0.007414 mg/L	Y 371.029
Sb 259.804	0.012943uv	mg/L	0.014162	109.4	6.07708	0.012943 mg/L	Y 371.029
Se 196.026	0.002330uv	mg/L	0.003009	129.2	2.73717	0.002330 mg/L	Y 371.029
Se 203.985	0.010134uv	mg/L	0.007466	73.7	1.94439	0.010134 mg/L	Y 371.029
Si 250.690	20.3310	mg/L	0.041989	0.2	21245.6	20.3310 mg/L	Y 371.029
Si 251.611	20.7967	mg/L	0.041608	0.2	23416.9	20.7967 mg/L	Y 371.029
Si 288.158	20.3660	mg/L	0.122667	0.6	120660	20.3660 mg/L	Y 371.029
Sn 189.927	0.000622uv	mg/L	0.002304	370.2	2.31781	0.000622 mg/L	Y 371.029
Sn 283.998	0.001064uv	mg/L	0.002367	222.4	8.20622	0.001064 mg/L	Y 371.029
Sr 216.596	0.121821	mg/L	0.001593	1.3	672.088	0.121821 mg/L	Y 371.029
Sr 407.771	0.114692	mg/L	0.000785	0.7	310005	0.114692 mg/L	Y 371.029
Sr 421.552	0.114334	mg/L	0.000972	0.9	205473	0.114334 mg/L	Y 371.029
Ti 334.941	0.000861	mg/L	0.000841	97.6	228.153	0.000861 mg/L	Y 371.029
Ti 336.122	0.000702	mg/L	0.000630	89.7	86.7952	0.000702 mg/L	Y 371.029
Ti 337.280	0.000984	mg/L	0.000728	74.0	28.2903	0.000984 mg/L	Y 371.029
Tl 190.794	0.004465	mg/L	0.002253	50.5	3.57386	0.004465 mg/L	Y 371.029
Tl 190.807	-0.001174uv	mg/L	0.002874	244.8	1.09381	-0.001174 mg/L	Y 371.029
Tl 351.923	-0.000705uv	mg/L	0.001540	218.4	5.56624	-0.000705 mg/L	Y 371.029
V 268.796	0.000135	mg/L	0.001051	779.6	67.7744	0.000135 mg/L	Y 371.029
V 292.401	0.000316	mg/L	0.000280	88.6	21.9733	0.000316 mg/L	Y 371.029
V 311.837	0.000795	mg/L	0.000123	15.5	7.66799	0.000795 mg/L	Y 371.029
Zn 202.548	0.031189	mg/L	0.001182	3.8	486.666	0.031189 mg/L	Y 371.029
Zn 206.200	0.033093	mg/L	0.000519	1.6	164.609	0.033093 mg/L	Y 371.029
Zn 213.857	0.028633	mg/L	0.000571	2.0	1193.14	0.028633 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.615387	7376.62	7.249	0.1
Y 371.029	1.01170	164905	374.789	0.2

11C1195-01 (Samp) **3/22/2011, 2:53:06 PM** **Rack 1, Tube 30**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000815	mg/L	0.000116	14.2	186.889	0.000815 mg/L	Y 371.029
Ag 338.289	0.000401uv	mg/L	0.000429	106.8	-1.11924	0.000401 mg/L	Y 371.029
Al 237.312	0.233029	mg/L	0.004811	2.1	296.141	0.233029 mg/L	Y 371.029
Al 257.509	0.224564	mg/L	0.013904	6.2	128.595	0.224564 mg/L	Y 371.029
Al 308.215	0.219819	mg/L	0.003127	1.4	2252.36	0.219819 mg/L	Y 371.029
As 188.980	0.000440uv	mg/L	0.000728	165.6	3.48090	0.000440 mg/L	Y 371.029
As 193.696	-0.001732uv	mg/L	0.001653	95.4	2.17055	-0.001732 mg/L	Y 371.029
As 228.812	0.001808uv	mg/L	0.001006	55.7	6.24987	0.001808 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.034863	mg/L	0.007059	20.2	14.9752	0.034863 mg/L	Y 371.029
B 249.678	0.038960	mg/L	0.005538	14.2	320.804	0.038960 mg/L	Y 371.029
B 249.772	0.037589	mg/L	0.006194	16.5	571.423	0.037589 mg/L	Y 371.029
Ba 233.527	0.038668	mg/L	0.000100	0.3	1323.41	0.038668 mg/L	Y 371.029
Ba 455.403	0.038047	mg/L	0.000021	0.1	38601.7	0.038047 mg/L	Y 371.029
Ba 493.408	0.037405	mg/L	0.000038	0.1	24857.5	0.037405 mg/L	Y 371.029
Be 234.861	0.000205	mg/L	0.000015	7.4	16.6396	0.000205 mg/L	Y 371.029
Be 313.042	0.000176	mg/L	0.000020	11.4	649.697	0.000176 mg/L	Y 371.029
Be 313.107	0.000238	mg/L	0.000016	6.5	159.673	0.000238 mg/L	Y 371.029
Ca 393.366	0.501931	mg/L	0.005968	1.2	657755	0.501931 mg/L	Y 371.029
Ca 396.847	0.505482	mg/L	0.006627	1.3	1094378	0.505482 mg/L	Y 371.029
Ca 430.253	0.591579	mg/L	0.004921	0.8	2523.57	0.591579 mg/L	Y 371.029
Cd 214.439	0.000144	mg/L	0.000116	80.8	2.79478	0.000144 mg/L	Y 371.029
Cd 226.502	-0.000099uv	mg/L	0.000007	7.3	12.1423	-0.000099 mg/L	Y 371.029
Cd 228.802	0.000041uv	mg/L	0.000153	377.2	11.0057	0.000041 mg/L	Y 371.029
Co 228.615	0.001434	mg/L	0.000597	41.7	5.72826	0.001434 mg/L	Y 371.029
Co 230.786	0.000580	mg/L	0.000153	26.3	7.67004	0.000580 mg/L	Y 371.029
Co 238.892	-0.000063uv	mg/L	0.000074	117.7	1.10702	-0.000063 mg/L	Y 371.029
Cr 205.560	0.000698	mg/L	0.000208	29.8	4.42834	0.000698 mg/L	Y 371.029
Cr 206.158	0.000954	mg/L	0.000893	93.6	1.72087	0.000954 mg/L	Y 371.029
Cr 267.716	0.000263	mg/L	0.000046	17.4	20.3339	0.000263 mg/L	Y 371.029
Cu 213.598	0.000719	mg/L	0.000400	55.6	1.91429	0.000719 mg/L	Y 371.029
Cu 324.754	-0.000241uv	mg/L	0.000332	137.7	408.499	-0.000241 mg/L	Y 371.029
Cu 327.395	0.001029	mg/L	0.000095	9.2	51.7320	0.001029 mg/L	Y 371.029
Fe 234.350	0.073157	mg/L	0.000860	1.2	511.999	0.073157 mg/L	Y 371.029
Fe 238.204	0.074981	mg/L	0.000750	1.0	1062.35	0.074981 mg/L	Y 371.029
Fe 259.940	0.074023	mg/L	0.001142	1.5	943.336	0.074023 mg/L	Y 371.029
Ga 287.423	0.002216uv	mg/L	0.002551	115.1	10.7374	0.002216 mg/L	Y 371.029
Ga 294.363	0.001260	mg/L	0.000537	42.6	12.9092	0.001260 mg/L	Y 371.029
Ga 417.204	0.000494uv	mg/L	0.001364	276.1	43.3186	0.000494 mg/L	Y 371.029
K 766.491	1.54870	mg/L	0.000618	0.0	89484.1	1.54870 mg/L	Y 371.029
K 769.897	1.54130	mg/L	0.000412	0.0	75646.3	1.54130 mg/L	Y 371.029
Li 610.365	0.000859n	mg/L	0.000284	33.1	25.6861	0.000859 mg/L	Y 371.029
Li 670.783	0.001349	mg/L	0.000017	1.3	42430.7	0.001349 mg/L	Y 371.029
Mg 279.078	0.882109	mg/L	0.006464	0.7	984.176	0.882109 mg/L	Y 371.029
Mg 280.270	0.892137	mg/L	0.003795	0.4	69495.7	0.892137 mg/L	Y 371.029
Mg 285.213	0.885619	mg/L	0.000492	0.1	24877.9	0.885619 mg/L	Y 371.029
Mn 257.610	0.025085n	mg/L	0.000143	0.6	2894.42	0.025085 mg/L	Y 371.029
Mn 259.372	0.025376	mg/L	0.000121	0.5	2240.58	0.025376 mg/L	Y 371.029
Mn 260.568	0.025726	mg/L	0.000129	0.5	392.985	0.025726 mg/L	Y 371.029
Mo 202.032	0.015426	mg/L	0.004035	26.2	54.4051	0.015426 mg/L	Y 371.029
Mo 203.846	0.014965	mg/L	0.005063	33.8	23.7862	0.014965 mg/L	Y 371.029
Mo 204.598	0.014588	mg/L	0.004727	32.4	24.9402	0.014588 mg/L	Y 371.029
Na 568.821	4.04887	mg/L	0.052543	1.3	856.517	4.04887 mg/L	Y 371.029
Na 588.995	4.30977	mg/L	0.002461	0.1	1929065	4.30977 mg/L	Y 371.029
Na 589.592	3.90194	mg/L	0.002378	0.1	942651	3.90194 mg/L	Y 371.029
Ni 216.555	0.009527	mg/L	0.000807	8.5	31.3734	0.009527 mg/L	Y 371.029
Ni 221.648	0.007910	mg/L	0.001714	21.7	11.9049	0.007910 mg/L	Y 371.029
Ni 231.604	0.009282	mg/L	0.000333	3.6	23.4108	0.009282 mg/L	Y 371.029
P 177.434	0.012036	mg/L	0.008279	68.8	3.07767	0.012036 mg/L	Y 371.029
P 213.618	0.000910uv	mg/L	0.002754	302.4	4.09619	0.000910 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.011125	mg/L	0.008575	77.1	3.27502	0.011125 mg/L	Y 371.029
Pb 220.353	0.005790	mg/L	0.002280	39.4	4.77690	0.005790 mg/L	Y 371.029
Pb 261.417	0.005972	mg/L	0.002461	41.2	5.05338	0.005972 mg/L	Y 371.029
Pb 405.781	-0.009485uv	mg/L	0.007403	78.0	37.4720	-0.009485 mg/L	Y 371.029
Sb 206.834	-0.001693uv	mg/L	0.003253	192.1	4.50634	-0.001693 mg/L	Y 371.029
Sb 231.146	-0.010901uv	mg/L	0.002014	18.5	1.42302	-0.010901 mg/L	Y 371.029
Sb 259.804	0.004862uv	mg/L	0.005231	107.6	3.73312	0.004862 mg/L	Y 371.029
Se 196.026	0.005140	mg/L	0.001233	24.0	3.34618	0.005140 mg/L	Y 371.029
Se 203.985	0.015049	mg/L	0.003325	22.1	2.82365	0.015049 mg/L	Y 371.029
Si 250.690	4.47132	mg/L	0.046436	1.0	4705.40	4.47132 mg/L	Y 371.029
Si 251.611	4.58055	mg/L	0.043140	0.9	5194.41	4.58055 mg/L	Y 371.029
Si 288.158	4.47975	mg/L	0.005921	0.1	27159.1	4.47975 mg/L	Y 371.029
Sn 189.927	-0.001221uv	mg/L	0.001669	136.6	1.79884	-0.001221 mg/L	Y 371.029
Sn 283.998	0.000962uv	mg/L	0.004008	416.5	5.71022	0.000962 mg/L	Y 371.029
Sr 216.596	0.010707	mg/L	0.000129	1.2	67.8811	0.010707 mg/L	Y 371.029
Sr 407.771	0.010571	mg/L	0.000062	0.6	32695.5	0.010571 mg/L	Y 371.029
Sr 421.552	0.010699	mg/L	0.000053	0.5	21826.3	0.010699 mg/L	Y 371.029
Ti 334.941	0.003108	mg/L	0.000190	6.1	681.412	0.003108 mg/L	Y 371.029
Ti 336.122	0.003023	mg/L	0.000143	4.7	284.011	0.003023 mg/L	Y 371.029
Ti 337.280	0.003164	mg/L	0.000204	6.4	87.6327	0.003164 mg/L	Y 371.029
Tl 190.794	0.000379uv	mg/L	0.001526	403.0	2.22757	0.000379 mg/L	Y 371.029
Tl 190.807	0.001560uv	mg/L	0.003772	241.8	1.33060	0.001560 mg/L	Y 371.029
Tl 351.923	0.001925uv	mg/L	0.002624	136.3	11.0966	0.001925 mg/L	Y 371.029
V 268.796	0.001618	mg/L	0.000454	28.0	35.8738	0.001618 mg/L	Y 371.029
V 292.401	0.000530	mg/L	0.000198	37.4	26.4176	0.000530 mg/L	Y 371.029
V 311.837	0.000773	mg/L	0.000021	2.7	6.67211	0.000773 mg/L	Y 371.029
Zn 202.548	0.016799	mg/L	0.000585	3.5	400.860	0.016799 mg/L	Y 371.029
Zn 206.200	0.018314	mg/L	0.000185	1.0	135.258	0.018314 mg/L	Y 371.029
Zn 213.857	0.014012	mg/L	0.000638	4.5	974.632	0.014012 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.608474	7293.76	17.410	0.2
Y 371.029	1.01499	165441	325.008	0.2

11C1195-02 (Samp) **3/22/2011, 2:56:43 PM** **Rack 1, Tube 31**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000065	mg/L	0.000210	323.5	218.348	-0.000065 mg/L	Y 371.029
Ag 338.289	0.000509	mg/L	0.000639	125.6	0.607977	0.000509 mg/L	Y 371.029
Al 237.312	0.041415	mg/L	0.003357	8.1	75.5090	0.041415 mg/L	Y 371.029
Al 257.509	0.081805	mg/L	0.009645	11.8	53.2944	0.081805 mg/L	Y 371.029
Al 308.215	0.065896	mg/L	0.005165	7.8	1458.65	0.065896 mg/L	Y 371.029
As 188.980	0.008555	mg/L	0.004546	53.1	5.40893	0.008555 mg/L	Y 371.029
As 193.696	0.006162uv	mg/L	0.003202	52.0	3.44023	0.006162 mg/L	Y 371.029
As 228.812	0.010383	mg/L	0.001547	14.9	10.8134	0.010383 mg/L	Y 371.029
B 182.577	0.010249	mg/L	0.003073	30.0	7.15671	0.010249 mg/L	Y 371.029
B 249.678	0.011188	mg/L	0.001566	14.0	113.311	0.011188 mg/L	Y 371.029
B 249.772	0.003980	mg/L	0.001723	43.3	509.531	0.003980 mg/L	Y 371.029
Ba 233.527	0.251766	mg/L	0.000601	0.2	7821.16	0.251766 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.246629	mg/L	0.000129	0.1	226456	0.246629 mg/L	Y 371.029
Ba 493.408	0.243431	mg/L	0.000227	0.1	146096	0.243431 mg/L	Y 371.029
Be 234.861	-0.001013uv	mg/L	0.000920	90.9	-86.7450	-0.001013 mg/L	Y 371.029
Be 313.042	0.000134	mg/L	0.000071	53.5	572.506	0.000134 mg/L	Y 371.029
Be 313.107	0.000130	mg/L	0.000065	50.0	98.1430	0.000130 mg/L	Y 371.029
Ca 393.366	4.62898	mg/L	0.001101	0.0	5946184	4.62898 mg/L	Y 371.029
Ca 396.847	4.95936	mg/L	0.001070	0.0	10519666	4.95936 mg/L	Y 371.029
Ca 430.253	5.75706	mg/L	0.013152	0.2	20323.9	5.75706 mg/L	Y 371.029
Cd 214.439	0.000500	mg/L	0.000034	6.8	7.46646	0.000500 mg/L	Y 371.029
Cd 226.502	0.000969	mg/L	0.000136	14.0	67.7230	0.000969 mg/L	Y 371.029
Cd 228.802	0.000179	mg/L	0.000011	6.0	11.1761	0.000179 mg/L	Y 371.029
Co 228.615	-0.001323	mg/L	0.000109	8.2	33.2335	-0.001323 mg/L	Y 371.029
Co 230.786	-0.001052	mg/L	0.000512	48.7	38.5501	-0.001052 mg/L	Y 371.029
Co 238.892	-0.017162uv	mg/L	0.002391	13.9	-140.923	-0.017162 mg/L	Y 371.029
Cr 205.560	-0.002691uv	mg/L	0.000363	13.5	2.61763	-0.002691 mg/L	Y 371.029
Cr 206.158	-0.001800	mg/L	0.000871	48.4	2.29095	-0.001800 mg/L	Y 371.029
Cr 267.716	-0.003299	mg/L	0.000132	4.0	23.3319	-0.003299 mg/L	Y 371.029
Cu 213.598	0.010391	mg/L	0.000918	8.8	46.2738	0.010391 mg/L	Y 371.029
Cu 324.754	-0.000156	mg/L	0.000141	90.9	435.643	-0.000156 mg/L	Y 371.029
Cu 327.395	-0.001667	mg/L	0.000118	7.1	117.387	-0.001667 mg/L	Y 371.029
Fe 234.350	32.3722	mg/L	0.075531	0.2	217627	32.3722 mg/L	Y 371.029
Fe 238.204	32.3962	mg/L	0.240314	0.7	447258	32.3962 mg/L	Y 371.029
Fe 259.940	32.2158	mg/L	0.111197	0.3	395990	32.2158 mg/L	Y 371.029
Ga 287.423	0.124706	mg/L	0.002586	2.1	415.663	0.124706 mg/L	Y 371.029
Ga 294.363	0.003754	mg/L	0.000380	10.1	27.6480	0.003754 mg/L	Y 371.029
Ga 417.204	0.002625	mg/L	0.000537	20.5	94.3460	0.002625 mg/L	Y 371.029
K 766.491	1.69537	mg/L	0.001312	0.1	97988.8	1.69537 mg/L	Y 371.029
K 769.897	1.68295	mg/L	0.000482	0.0	82536.9	1.68295 mg/L	Y 371.029
Li 610.365	0.000717n	mg/L	0.000039	5.5	20.9182	0.000717 mg/L	Y 371.029
Li 670.783	0.000569	mg/L	0.000003	0.5	42034.5	0.000569 mg/L	Y 371.029
Mg 279.078	2.80404	mg/L	0.003707	0.1	3117.70	2.80404 mg/L	Y 371.029
Mg 280.270	2.84710	mg/L	0.015063	0.5	221534	2.84710 mg/L	Y 371.029
Mg 285.213	2.85313	mg/L	0.020802	0.7	80380.2	2.85313 mg/L	Y 371.029
Mn 257.610	10.6911n	mg/L	0.072342	0.7	1222670	10.6911 mg/L	Y 371.029
Mn 259.372	10.7077	mg/L	0.079247	0.7	936230	10.7077 mg/L	Y 371.029
Mn 260.568	11.1239	mg/L	0.043612	0.4	167741	11.1239 mg/L	Y 371.029
Mo 202.032	0.017041	mg/L	0.002029	11.9	47.2508	0.017041 mg/L	Y 371.029
Mo 203.846	0.016755	mg/L	0.002085	12.4	22.6862	0.016755 mg/L	Y 371.029
Mo 204.598	0.017172	mg/L	0.002711	15.8	25.0295	0.017172 mg/L	Y 371.029
Na 568.821	7.76304	mg/L	0.022479	0.3	1720.60	7.76304 mg/L	Y 371.029
Na 588.995	8.59726	mg/L	0.020393	0.2	3636917	8.59726 mg/L	Y 371.029
Na 589.592	8.77714	mg/L	0.007012	0.1	1932998	8.77714 mg/L	Y 371.029
Ni 216.555	-0.002377	mg/L	0.000458	19.3	49.1833	-0.002377 mg/L	Y 371.029
Ni 221.648	-0.005512	mg/L	0.000509	9.2	13.6291	-0.005512 mg/L	Y 371.029
Ni 231.604	-0.004856	mg/L	0.000724	14.9	23.6771	-0.004856 mg/L	Y 371.029
P 177.434	0.013920	mg/L	0.007919	56.9	3.28926	0.013920 mg/L	Y 371.029
P 213.618	-0.000064	mg/L	0.001068	1677.0	5.66774	-0.000064 mg/L	Y 371.029
P 214.914	0.015104	mg/L	0.008514	56.4	5.32731	0.015104 mg/L	Y 371.029
Pb 220.353	0.004446	mg/L	0.000879	19.8	3.87215	0.004446 mg/L	Y 371.029
Pb 261.417	-0.018323uv	mg/L	0.014271	77.9	6.58084	-0.018323 mg/L	Y 371.029
Pb 405.781	0.024375	mg/L	0.005152	21.1	83.6207	0.024375 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.001650uv	mg/L	0.001494	90.5	5.01059	-0.001650 mg/L	Y 371.029
Sb 231.146	-0.002624uv	mg/L	0.002092	79.7	3.97278	-0.002624 mg/L	Y 371.029
Sb 259.804	-0.016014	mg/L	0.010903	68.1	12.6509	-0.016014 mg/L	Y 371.029
Se 196.026	0.001464uv	mg/L	0.005153	351.9	3.36815	0.001464 mg/L	Y 371.029
Se 203.985	0.012524	mg/L	0.003483	27.8	3.75400	0.012524 mg/L	Y 371.029
Si 250.690	2.14360	mg/L	0.004535	0.2	2282.62	2.14360 mg/L	Y 371.029
Si 251.611	2.20221	mg/L	0.002927	0.1	2530.74	2.20221 mg/L	Y 371.029
Si 288.158	2.15230	mg/L	0.011610	0.5	13455.2	2.15230 mg/L	Y 371.029
Sn 189.927	-0.000657	mg/L	0.001609	245.0	2.48678	-0.000657 mg/L	Y 371.029
Sn 283.998	-0.001893	mg/L	0.003052	161.2	9.76979	-0.001893 mg/L	Y 371.029
Sr 216.596	0.028342	mg/L	0.000420	1.5	189.005	0.028342 mg/L	Y 371.029
Sr 407.771	0.024344	mg/L	0.000211	0.9	74756.7	0.024344 mg/L	Y 371.029
Sr 421.552	0.024661	mg/L	0.000133	0.5	50186.5	0.024661 mg/L	Y 371.029
Ti 334.941	-0.000132	mg/L	0.000046	34.9	212.379	-0.000132 mg/L	Y 371.029
Ti 336.122	-0.000435	mg/L	0.000054	12.3	73.8564	-0.000435 mg/L	Y 371.029
Ti 337.280	-0.000009	mg/L	0.000141	1509.4	27.0161	-0.000009 mg/L	Y 371.029
Tl 190.794	-0.001283	mg/L	0.004137	322.5	4.60099	-0.001283 mg/L	Y 371.029
Tl 190.807	0.006843uv	mg/L	0.003843	56.2	1.00988	0.006843 mg/L	Y 371.029
Tl 351.923	0.001138uv	mg/L	0.000864	75.9	6.74569	0.001138 mg/L	Y 371.029
V 268.796	-0.001715uv	mg/L	0.000440	25.7	23.9218	-0.001715 mg/L	Y 371.029
V 292.401	-0.001172	mg/L	0.000336	28.7	57.2156	-0.001172 mg/L	Y 371.029
V 311.837	-0.001716	mg/L	0.000156	9.1	6.44621	-0.001716 mg/L	Y 371.029
Zn 202.548	0.017016	mg/L	0.000334	2.0	410.456	0.017016 mg/L	Y 371.029
Zn 206.200	0.017840	mg/L	0.000693	3.9	136.869	0.017840 mg/L	Y 371.029
Zn 213.857	0.014649	mg/L	0.000229	1.6	1017.29	0.014649 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.612623	7343.49	8.714	0.1
Y 371.029	1.01657	165698	280.239	0.2

SEQ-CCV3 (Samp) **3/22/2011, 3:00:57 PM** **Rack 1, Tube 32**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098992	mg/L	0.000190	0.2	4477.82	0.098992 mg/L	Y 371.029
Ag 338.289	0.097622	mg/L	0.001196	1.2	257.734	0.097622 mg/L	Y 371.029
Al 237.312	2.44773	mg/L	0.014675	0.6	2747.79	2.44773 mg/L	Y 371.029
Al 257.509	2.45099	mg/L	0.011171	0.5	1235.84	2.45099 mg/L	Y 371.029
Al 308.215	2.50452	mg/L	0.005133	0.2	13736.7	2.50452 mg/L	Y 371.029
As 188.980	0.503501	mg/L	0.002546	0.5	118.575	0.503501 mg/L	Y 371.029
As 193.696	0.502179	mg/L	0.001906	0.4	145.370	0.502179 mg/L	Y 371.029
As 228.812	0.517340	mg/L	0.002421	0.5	838.718	0.517340 mg/L	Y 371.029
B 182.577	0.484817	mg/L	0.002889	0.6	170.924	0.484817 mg/L	Y 371.029
B 249.678	0.490269	mg/L	0.002851	0.6	3832.81	0.490269 mg/L	Y 371.029
B 249.772	0.487332	mg/L	0.001161	0.2	7033.00	0.487332 mg/L	Y 371.029
Ba 233.527	0.504443	mg/L	0.005422	1.1	15519.6	0.504443 mg/L	Y 371.029
Ba 455.403	0.480831	mg/L	0.000083	0.0	437464	0.480831 mg/L	Y 371.029
Ba 493.408	0.490745	mg/L	0.001020	0.2	291517	0.490745 mg/L	Y 371.029
Be 234.861	0.508577	mg/L	0.001891	0.4	46180.2	0.508577 mg/L	Y 371.029
Be 313.042	0.512779	mg/L	0.001149	0.2	681918	0.512779 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.512415	mg/L	0.000756	0.1	340518	0.512415 mg/L	Y 371.029
Ca 393.366	3.99779	mg/L	0.009975	0.2	5137908	3.99779 mg/L	Y 371.029
Ca 396.847	4.25257	mg/L	0.007407	0.2	9022003	4.25257 mg/L	Y 371.029
Ca 430.253	4.87358	mg/L	0.012683	0.3	17220.0	4.87358 mg/L	Y 371.029
Cd 214.439	0.259359	mg/L	0.001685	0.6	2818.95	0.259359 mg/L	Y 371.029
Cd 226.502	0.259760	mg/L	0.001270	0.5	6306.69	0.259760 mg/L	Y 371.029
Cd 228.802	0.254285	mg/L	0.000819	0.3	2760.87	0.254285 mg/L	Y 371.029
Co 228.615	0.513332	mg/L	0.003069	0.6	3200.22	0.513332 mg/L	Y 371.029
Co 230.786	0.512011	mg/L	0.003119	0.6	2272.52	0.512011 mg/L	Y 371.029
Co 238.892	0.511635	mg/L	0.000618	0.1	2202.48	0.511635 mg/L	Y 371.029
Cr 205.560	0.508515	mg/L	0.002371	0.5	1511.39	0.508515 mg/L	Y 371.029
Cr 206.158	0.507838	mg/L	0.000820	0.2	626.630	0.507838 mg/L	Y 371.029
Cr 267.716	0.510736	mg/L	0.004011	0.8	8486.78	0.510736 mg/L	Y 371.029
Cu 213.598	0.522134	mg/L	0.003548	0.7	1219.64	0.522134 mg/L	Y 371.029
Cu 324.754	0.486593	mg/L	0.000058	0.0	14767.7	0.486593 mg/L	Y 371.029
Cu 327.395	0.482860	mg/L	0.000492	0.1	19206.8	0.482860 mg/L	Y 371.029
Fe 234.350	0.521167	mg/L	0.005470	1.0	3618.21	0.521167 mg/L	Y 371.029
Fe 238.204	0.520399	mg/L	0.002205	0.4	7347.93	0.520399 mg/L	Y 371.029
Fe 259.940	0.518228	mg/L	0.002346	0.5	6514.54	0.518228 mg/L	Y 371.029
Ga 287.423	0.494486	mg/L	0.000721	0.1	938.369	0.494486 mg/L	Y 371.029
Ga 294.363	0.495436	mg/L	0.000683	0.1	2538.14	0.495436 mg/L	Y 371.029
Ga 417.204	0.492255	mg/L	0.002126	0.4	3893.26	0.492255 mg/L	Y 371.029
K 766.491	4.92264	mg/L	0.011325	0.2	281120	4.92264 mg/L	Y 371.029
K 769.897	4.97998	mg/L	0.009190	0.2	231975	4.97998 mg/L	Y 371.029
Li 610.365	1.07804n	mg/L	0.005160	0.5	36081.1	1.07804 mg/L	Y 371.029
Li 670.783	1.04065	mg/L	0.003598	0.3	2541081	1.04065 mg/L	Y 371.029
Mg 279.078	5.16122	mg/L	0.015433	0.3	5711.41	5.16122 mg/L	Y 371.029
Mg 280.270	5.14554	mg/L	0.041981	0.8	399797	5.14554 mg/L	Y 371.029
Mg 285.213	5.18497	mg/L	0.112104	2.2	145412	5.18497 mg/L	Y 371.029
Mn 257.610	0.500610n	mg/L	0.002771	0.6	57778.0	0.500610 mg/L	Y 371.029
Mn 259.372	0.502950	mg/L	0.003269	0.6	44300.8	0.502950 mg/L	Y 371.029
Mn 260.568	0.508971	mg/L	0.000328	0.1	7699.83	0.508971 mg/L	Y 371.029
Mo 202.032	1.05878	mg/L	0.010430	1.0	3005.53	1.05878 mg/L	Y 371.029
Mo 203.846	1.06002	mg/L	0.009322	0.9	1286.96	1.06002 mg/L	Y 371.029
Mo 204.598	1.04770	mg/L	0.013973	1.3	1488.90	1.04770 mg/L	Y 371.029
Na 568.821	4.83792	mg/L	0.043915	0.9	1040.42	4.83792 mg/L	Y 371.029
Na 588.995	5.46487	mg/L	0.012634	0.2	2390137	5.46487 mg/L	Y 371.029
Na 589.592	5.06732	mg/L	0.011780	0.2	1180020	5.06732 mg/L	Y 371.029
Ni 216.555	1.02078	mg/L	0.005253	0.5	3382.31	1.02078 mg/L	Y 371.029
Ni 221.648	1.02617	mg/L	0.004622	0.5	1364.98	1.02617 mg/L	Y 371.029
Ni 231.604	1.03434	mg/L	0.002261	0.2	2402.96	1.03434 mg/L	Y 371.029
P 177.434	0.513924	mg/L	0.005127	1.0	56.5379	0.513924 mg/L	Y 371.029
P 213.618	0.507844	mg/L	0.010825	2.1	219.156	0.507844 mg/L	Y 371.029
P 214.914	0.517608	mg/L	0.010642	2.1	61.7853	0.517608 mg/L	Y 371.029
Pb 220.353	1.01635	mg/L	0.005578	0.5	732.383	1.01635 mg/L	Y 371.029
Pb 261.417	0.989367	mg/L	0.005964	0.6	410.644	0.989367 mg/L	Y 371.029
Pb 405.781	0.986174	mg/L	0.008337	0.8	1136.90	0.986174 mg/L	Y 371.029
Sb 206.834	0.902781	mg/L	0.009191	1.0	417.249	0.902781 mg/L	Y 371.029
Sb 231.146	0.879021	mg/L	0.006511	0.7	336.447	0.879021 mg/L	Y 371.029
Sb 259.804	0.826271	mg/L	0.017501	2.1	264.550	0.826271 mg/L	Y 371.029
Se 196.026	1.01515	mg/L	0.008626	0.8	198.965	1.01515 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.994121	mg/L	0.009262	0.9	117.535	0.994121 mg/L	Y 371.029
Si 250.690	1.01878	mg/L	0.002912	0.3	1113.54	1.01878 mg/L	Y 371.029
Si 251.611	1.02814	mg/L	0.003648	0.4	1227.09	1.02814 mg/L	Y 371.029
Si 288.158	1.00806	mg/L	0.008671	0.9	6736.15	1.00806 mg/L	Y 371.029
Sn 189.927	1.04491	mg/L	0.008528	0.8	219.828	1.04491 mg/L	Y 371.029
Sn 283.998	1.02692	mg/L	0.004899	0.5	1490.37	1.02692 mg/L	Y 371.029
Sr 216.596	0.512386	mg/L	0.003552	0.7	2655.33	0.512386 mg/L	Y 371.029
Sr 407.771	0.481414	mg/L	0.009374	1.9	1218244	0.481414 mg/L	Y 371.029
Sr 421.552	0.481254	mg/L	0.003124	0.6	809559	0.481254 mg/L	Y 371.029
Ti 334.941	0.499335	mg/L	0.003002	0.6	100442	0.499335 mg/L	Y 371.029
Ti 336.122	0.504080	mg/L	0.004695	0.9	42876.6	0.504080 mg/L	Y 371.029
Ti 337.280	0.499047	mg/L	0.004037	0.8	14346.2	0.499047 mg/L	Y 371.029
Tl 190.794	0.509591	mg/L	0.005805	1.1	133.432	0.509591 mg/L	Y 371.029
Tl 190.807	0.506881	mg/L	0.016526	3.3	67.5203	0.506881 mg/L	Y 371.029
Tl 351.923	0.501816	mg/L	0.003017	0.6	763.188	0.501816 mg/L	Y 371.029
V 268.796	0.484583	mg/L	0.001856	0.4	4403.64	0.484583 mg/L	Y 371.029
V 292.401	0.502248	mg/L	0.002115	0.4	12330.4	0.502248 mg/L	Y 371.029
V 311.837	0.505043	mg/L	0.001454	0.3	17570.4	0.505043 mg/L	Y 371.029
Zn 202.548	0.531640	mg/L	0.005687	1.1	2803.18	0.531640 mg/L	Y 371.029
Zn 206.200	0.530356	mg/L	0.003965	0.7	932.139	0.530356 mg/L	Y 371.029
Zn 213.857	0.509330	mg/L	0.001885	0.4	6797.73	0.509330 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.609866	7310.44	26.139	0.4
Y 371.029	1.01347	165194	1372.195	0.8

SEQ-CCB3 (Samp) **3/22/2011, 3:05:10 PM** **Rack 1, Tube 33**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000585	mg/L	0.000297	50.8	174.180	0.000585 mg/L	Y 371.029
Ag 338.289	0.000254	mg/L	0.000189	74.3	-1.52852	0.000254 mg/L	Y 371.029
Al 237.312	0.000925uv	mg/L	0.000941	101.8	39.2722	0.000925 mg/L	Y 371.029
Al 257.509	0.009597	mg/L	0.001152	12.0	21.5081	0.009597 mg/L	Y 371.029
Al 308.215	-0.014492uv	mg/L	0.000527	3.6	1086.75	-0.014492 mg/L	Y 371.029
As 188.980	0.005991	mg/L	0.003380	56.4	4.78389	0.005991 mg/L	Y 371.029
As 193.696	-0.000800uv	mg/L	0.002080	260.1	2.41982	-0.000800 mg/L	Y 371.029
As 228.812	0.002981uv	mg/L	0.002012	67.5	7.69398	0.002981 mg/L	Y 371.029
B 182.577	0.008328	mg/L	0.001101	13.2	5.77973	0.008328 mg/L	Y 371.029
B 249.678	0.007779	mg/L	0.001535	19.7	77.8323	0.007779 mg/L	Y 371.029
B 249.772	0.007690	mg/L	0.001378	17.9	141.023	0.007690 mg/L	Y 371.029
Ba 233.527	0.000133	mg/L	0.000126	94.9	148.952	0.000133 mg/L	Y 371.029
Ba 455.403	-0.000098uv	mg/L	0.000007	6.9	4238.17	-0.000098 mg/L	Y 371.029
Ba 493.408	-0.000086uv	mg/L	0.000020	23.6	2801.43	-0.000086 mg/L	Y 371.029
Be 234.861	0.000016	mg/L	0.000004	25.5	-0.527848	0.000016 mg/L	Y 371.029
Be 313.042	0.000008uv	mg/L	0.000017	217.4	427.080	0.000008 mg/L	Y 371.029
Be 313.107	0.000043	mg/L	0.000004	9.3	29.7158	0.000043 mg/L	Y 371.029
Ca 393.366	0.001769	mg/L	0.000487	27.5	17085.6	0.001769 mg/L	Y 371.029
Ca 396.847	0.001572	mg/L	0.000119	7.6	28280.0	0.001572 mg/L	Y 371.029
Ca 430.253	0.005137uv	mg/L	0.004672	90.9	506.270	0.005137 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000108	mg/L	0.000084	77.6	2.40669	0.000108 mg/L	Y 371.029
Cd 226.502	-0.000092uv	mg/L	0.000063	68.6	12.1815	-0.000092 mg/L	Y 371.029
Cd 228.802	0.000022uv	mg/L	0.000037	166.2	10.8205	0.000022 mg/L	Y 371.029
Co 228.615	0.000976	mg/L	0.000164	16.9	2.83856	0.000976 mg/L	Y 371.029
Co 230.786	-0.000181uv	mg/L	0.000599	331.6	4.25920	-0.000181 mg/L	Y 371.029
Co 238.892	0.000269uv	mg/L	0.000491	182.5	2.57801	0.000269 mg/L	Y 371.029
Cr 205.560	-0.000004uv	mg/L	0.000431	10680.7	2.13089	-0.000004 mg/L	Y 371.029
Cr 206.158	0.001280	mg/L	0.001189	92.9	2.02050	0.001280 mg/L	Y 371.029
Cr 267.716	0.000112uv	mg/L	0.000179	159.6	16.6013	0.000112 mg/L	Y 371.029
Cu 213.598	0.000544	mg/L	0.000375	69.0	1.34594	0.000544 mg/L	Y 371.029
Cu 324.754	-0.001669uv	mg/L	0.000149	9.0	368.129	-0.001669 mg/L	Y 371.029
Cu 327.395	0.000448	mg/L	0.000181	40.4	27.3526	0.000448 mg/L	Y 371.029
Fe 234.350	0.002201	mg/L	0.000529	24.0	27.7996	0.002201 mg/L	Y 371.029
Fe 238.204	0.002450	mg/L	0.000857	35.0	45.6216	0.002450 mg/L	Y 371.029
Fe 259.940	0.002372	mg/L	0.000791	33.3	50.7241	0.002372 mg/L	Y 371.029
Ga 287.423	0.001252uv	mg/L	0.001616	129.1	8.43261	0.001252 mg/L	Y 371.029
Ga 294.363	0.001066	mg/L	0.000580	54.4	11.7417	0.001066 mg/L	Y 371.029
Ga 417.204	0.000626uv	mg/L	0.001570	250.7	43.2728	0.000626 mg/L	Y 371.029
K 766.491	-0.000301uv	mg/L	0.000364	121.2	1521.81	-0.000301 mg/L	Y 371.029
K 769.897	0.006773	mg/L	0.000572	8.4	5900.55	0.006773 mg/L	Y 371.029
Li 610.365	0.000881n	mg/L	0.000502	56.9	26.4332	0.000881 mg/L	Y 371.029
Li 670.783	0.000149	mg/L	0.000030	20.2	39461.6	0.000149 mg/L	Y 371.029
Mg 279.078	-0.001302uv	mg/L	0.000959	73.7	9.35068	-0.001302 mg/L	Y 371.029
Mg 280.270	0.000125	mg/L	0.000028	22.5	237.095	0.000125 mg/L	Y 371.029
Mg 285.213	-0.000228uv	mg/L	0.000007	3.3	73.9137	-0.000228 mg/L	Y 371.029
Mn 257.610	0.000290n	mg/L	0.000019	6.6	6.67833	0.000290 mg/L	Y 371.029
Mn 259.372	0.000218	mg/L	0.000014	6.4	30.2433	0.000218 mg/L	Y 371.029
Mn 260.568	0.000140uv	mg/L	0.000100	71.1	4.23118	0.000140 mg/L	Y 371.029
Mo 202.032	0.018970	mg/L	0.003051	16.1	60.4702	0.018970 mg/L	Y 371.029
Mo 203.846	0.018482	mg/L	0.004650	25.2	26.2774	0.018482 mg/L	Y 371.029
Mo 204.598	0.018219	mg/L	0.003410	18.7	27.9820	0.018219 mg/L	Y 371.029
Na 568.821	0.873233	mg/L	0.037370	4.3	99.3577	0.873233 mg/L	Y 371.029
Na 588.995	-0.257117uv	mg/L	0.000430	0.2	110827	-0.257117 mg/L	Y 371.029
Na 589.592	-0.501487uv	mg/L	0.001713	0.3	48447.6	-0.501487 mg/L	Y 371.029
Ni 216.555	0.001016	mg/L	0.000386	38.0	3.03087	0.001016 mg/L	Y 371.029
Ni 221.648	0.000340	mg/L	0.000095	27.9	1.77512	0.000340 mg/L	Y 371.029
Ni 231.604	-0.000082uv	mg/L	0.000830	1018.3	1.56273	-0.000082 mg/L	Y 371.029
P 177.434	0.000353uv	mg/L	0.001530	433.0	1.84139	0.000353 mg/L	Y 371.029
P 213.618	-0.002029uv	mg/L	0.001609	79.3	2.76808	-0.002029 mg/L	Y 371.029
P 214.914	0.007174uv	mg/L	0.008756	122.0	2.82409	0.007174 mg/L	Y 371.029
Pb 220.353	0.004958	mg/L	0.002707	54.6	4.16503	0.004958 mg/L	Y 371.029
Pb 261.417	0.005134	mg/L	0.003013	58.7	4.49730	0.005134 mg/L	Y 371.029
Pb 405.781	0.002392uv	mg/L	0.006334	264.8	50.1142	0.002392 mg/L	Y 371.029
Sb 206.834	0.031867	mg/L	0.002642	8.3	19.4417	0.031867 mg/L	Y 371.029
Sb 231.146	0.023087	mg/L	0.002563	11.1	14.0532	0.023087 mg/L	Y 371.029
Sb 259.804	0.036805	mg/L	0.006618	18.0	13.7872	0.036805 mg/L	Y 371.029
Se 196.026	0.006946	mg/L	0.002286	32.9	3.69367	0.006946 mg/L	Y 371.029
Se 203.985	0.017784	mg/L	0.010536	59.2	3.15676	0.017784 mg/L	Y 371.029
Si 250.690	0.007333	mg/L	0.001240	16.9	51.6862	0.007333 mg/L	Y 371.029
Si 251.611	0.004903	mg/L	0.001832	37.4	54.9031	0.004903 mg/L	Y 371.029
Si 288.158	-0.003892uv	mg/L	0.001017	26.1	777.400	-0.003892 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.003633	mg/L	0.003143	86.5	2.79792	0.003633 mg/L	Y 371.029
Sn 283.998	0.000165uv	mg/L	0.000644	390.8	4.56405	0.000165 mg/L	Y 371.029
Sr 216.596	0.000361	mg/L	0.000020	5.5	13.1328	0.000361 mg/L	Y 371.029
Sr 407.771	0.000018uv	mg/L	0.000060	326.2	5470.65	0.000018 mg/L	Y 371.029
Sr 421.552	0.000023uv	mg/L	0.000053	226.4	3517.99	0.000023 mg/L	Y 371.029
Ti 334.941	0.000705	mg/L	0.000148	20.9	194.446	0.000705 mg/L	Y 371.029
Ti 336.122	0.000665	mg/L	0.000184	27.7	81.8148	0.000665 mg/L	Y 371.029
Ti 337.280	0.001056	mg/L	0.000212	20.1	26.2935	0.001056 mg/L	Y 371.029
Tl 190.794	0.003736	mg/L	0.002513	67.3	3.05801	0.003736 mg/L	Y 371.029
Tl 190.807	0.001447uv	mg/L	0.005975	412.9	1.31533	0.001447 mg/L	Y 371.029
Tl 351.923	-0.000107uv	mg/L	0.002921	2722.9	8.18266	-0.000107 mg/L	Y 371.029
V 268.796	0.001725	mg/L	0.000578	33.5	36.2426	0.001725 mg/L	Y 371.029
V 292.401	0.000205uv	mg/L	0.000188	91.9	17.4822	0.000205 mg/L	Y 371.029
V 311.837	0.000771	mg/L	0.000095	12.4	5.57430	0.000771 mg/L	Y 371.029
Zn 202.548	0.002556	mg/L	0.000022	0.9	333.264	0.002556 mg/L	Y 371.029
Zn 206.200	0.003814	mg/L	0.001602	42.0	112.245	0.003814 mg/L	Y 371.029
Zn 213.857	0.000415	mg/L	0.000211	50.8	811.973	0.000415 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.613410	7352.93	24.959	0.3
Y 371.029	1.03066	167995	670.548	0.4

11C1195-03 (Samp) **3/22/2011, 3:22:00 PM** **Rack 1, Tube 34**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000750	mg/L	0.000157	20.9	184.734	0.000750 mg/L	Y 371.029
Ag 338.289	0.001326	mg/L	0.000207	15.6	1.38136	0.001326 mg/L	Y 371.029
Al 237.312	0.010110	mg/L	0.000890	8.8	49.7099	0.010110 mg/L	Y 371.029
Al 257.509	0.020924	mg/L	0.006024	28.8	27.4744	0.020924 mg/L	Y 371.029
Al 308.215	0.002629uv	mg/L	0.002648	100.7	1169.04	0.002629 mg/L	Y 371.029
As 188.980	0.005715	mg/L	0.001066	18.7	4.68329	0.005715 mg/L	Y 371.029
As 193.696	-0.004499uv	mg/L	0.002036	45.2	1.38246	-0.004499 mg/L	Y 371.029
As 228.812	0.003366uv	mg/L	0.001789	53.1	7.98127	0.003366 mg/L	Y 371.029
B 182.577	0.003181	mg/L	0.001178	37.0	4.00932	0.003181 mg/L	Y 371.029
B 249.678	0.004501	mg/L	0.000548	12.2	52.9260	0.004501 mg/L	Y 371.029
B 249.772	0.004422	mg/L	0.000226	5.1	94.6752	0.004422 mg/L	Y 371.029
Ba 233.527	0.039439	mg/L	0.000213	0.5	1346.98	0.039439 mg/L	Y 371.029
Ba 455.403	0.039137	mg/L	0.000032	0.1	39585.9	0.039137 mg/L	Y 371.029
Ba 493.408	0.038552	mg/L	0.000050	0.1	25533.5	0.038552 mg/L	Y 371.029
Be 234.861	0.000137	mg/L	0.000019	14.1	10.4209	0.000137 mg/L	Y 371.029
Be 313.042	0.000077	mg/L	0.000027	35.6	518.915	0.000077 mg/L	Y 371.029
Be 313.107	0.000140	mg/L	0.000030	21.4	94.0289	0.000140 mg/L	Y 371.029
Ca 393.366	1.33084	mg/L	0.000703	0.1	1718923	1.33084 mg/L	Y 371.029
Ca 396.847	1.38382	mg/L	0.001222	0.1	2951650	1.38382 mg/L	Y 371.029
Ca 430.253	1.50946	mg/L	0.006929	0.5	5670.43	1.50946 mg/L	Y 371.029
Cd 214.439	0.000182	mg/L	0.000086	47.5	3.20780	0.000182 mg/L	Y 371.029
Cd 226.502	-0.000068uv	mg/L	0.000047	68.3	12.8349	-0.000068 mg/L	Y 371.029
Cd 228.802	0.000050uv	mg/L	0.000123	245.7	11.1046	0.000050 mg/L	Y 371.029
Co 228.615	0.001416	mg/L	0.000272	19.2	5.47491	0.001416 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.000265	mg/L	0.000139	52.3	6.18044	0.000265 mg/L	Y 371.029
Co 238.892	0.000677	mg/L	0.000133	19.6	4.44383	0.000677 mg/L	Y 371.029
Cr 205.560	0.000055uv	mg/L	0.000155	282.8	2.35090	0.000055 mg/L	Y 371.029
Cr 206.158	0.001121	mg/L	0.000750	66.9	1.85029	0.001121 mg/L	Y 371.029
Cr 267.716	0.000008uv	mg/L	0.000123	1618.3	15.1377	0.000008 mg/L	Y 371.029
Cu 213.598	0.001009	mg/L	0.000853	84.5	2.48679	0.001009 mg/L	Y 371.029
Cu 324.754	0.000423	mg/L	0.000048	11.4	427.452	0.000423 mg/L	Y 371.029
Cu 327.395	0.001581	mg/L	0.000272	17.2	73.1528	0.001581 mg/L	Y 371.029
Fe 234.350	0.002337	mg/L	0.000558	23.9	31.8604	0.002337 mg/L	Y 371.029
Fe 238.204	0.003009	mg/L	0.000563	18.7	60.4609	0.003009 mg/L	Y 371.029
Fe 259.940	0.002925	mg/L	0.000932	31.9	62.4488	0.002925 mg/L	Y 371.029
Ga 287.423	0.000873uv	mg/L	0.001242	142.2	7.80375	0.000873 mg/L	Y 371.029
Ga 294.363	0.001331	mg/L	0.001094	82.2	13.1697	0.001331 mg/L	Y 371.029
Ga 417.204	-0.000233uv	mg/L	0.000667	286.1	36.7247	-0.000233 mg/L	Y 371.029
K 766.491	2.71518	mg/L	0.006587	0.2	155716	2.71518 mg/L	Y 371.029
K 769.897	2.70493	mg/L	0.006796	0.3	128511	2.70493 mg/L	Y 371.029
Li 610.365	0.001338n	mg/L	0.000071	5.3	41.7185	0.001338 mg/L	Y 371.029
Li 670.783	0.001525	mg/L	0.000036	2.3	42849.1	0.001525 mg/L	Y 371.029
Mg 279.078	0.594163	mg/L	0.004603	0.8	670.177	0.594163 mg/L	Y 371.029
Mg 280.270	0.601819	mg/L	0.003777	0.6	46959.8	0.601819 mg/L	Y 371.029
Mg 285.213	0.594919	mg/L	0.003538	0.6	16833.5	0.594919 mg/L	Y 371.029
Mn 257.610	0.028453n	mg/L	0.000078	0.3	3234.13	0.028453 mg/L	Y 371.029
Mn 259.372	0.028247	mg/L	0.000027	0.1	2474.31	0.028247 mg/L	Y 371.029
Mn 260.568	0.028727	mg/L	0.000194	0.7	436.507	0.028727 mg/L	Y 371.029
Mo 202.032	0.001117	mg/L	0.001114	99.7	14.2349	0.001117 mg/L	Y 371.029
Mo 203.846	0.000324	mg/L	0.001354	418.1	6.21710	0.000324 mg/L	Y 371.029
Mo 204.598	0.000770	mg/L	0.000784	101.9	5.50464	0.000770 mg/L	Y 371.029
Na 568.821	4.32996	mg/L	0.022743	0.5	924.143	4.32996 mg/L	Y 371.029
Na 588.995	4.71617	mg/L	0.003394	0.1	2090866	4.71617 mg/L	Y 371.029
Na 589.592	4.30212	mg/L	0.001262	0.0	1023915	4.30212 mg/L	Y 371.029
Ni 216.555	0.006816	mg/L	0.000234	3.4	22.2598	0.006816 mg/L	Y 371.029
Ni 221.648	0.006411	mg/L	0.001783	27.8	9.85917	0.006411 mg/L	Y 371.029
Ni 231.604	0.007195	mg/L	0.000414	5.8	18.4675	0.007195 mg/L	Y 371.029
P 177.434	0.008456	mg/L	0.005552	65.7	2.69508	0.008456 mg/L	Y 371.029
P 213.618	0.001564uv	mg/L	0.002592	165.7	4.37116	0.001564 mg/L	Y 371.029
P 214.914	0.009105	mg/L	0.007977	87.6	3.03435	0.009105 mg/L	Y 371.029
Pb 220.353	0.003343	mg/L	0.001504	45.0	3.01946	0.003343 mg/L	Y 371.029
Pb 261.417	0.003180	mg/L	0.002603	81.8	3.92228	0.003180 mg/L	Y 371.029
Pb 405.781	-0.009109uv	mg/L	0.004420	48.5	37.9590	-0.009109 mg/L	Y 371.029
Sb 206.834	-0.002483uv	mg/L	0.002367	95.3	4.12072	-0.002483 mg/L	Y 371.029
Sb 231.146	-0.003037uv	mg/L	0.001094	36.0	4.29274	-0.003037 mg/L	Y 371.029
Sb 259.804	0.010422	mg/L	0.011508	110.4	5.44950	0.010422 mg/L	Y 371.029
Se 196.026	0.004257uv	mg/L	0.004959	116.5	3.17744	0.004257 mg/L	Y 371.029
Se 203.985	0.005752	mg/L	0.001432	24.9	1.75960	0.005752 mg/L	Y 371.029
Si 250.690	4.46395	mg/L	0.009823	0.2	4698.13	4.46395 mg/L	Y 371.029
Si 251.611	4.57937	mg/L	0.005358	0.1	5193.26	4.57937 mg/L	Y 371.029
Si 288.158	4.48783	mg/L	0.024721	0.6	27210.0	4.48783 mg/L	Y 371.029
Sn 189.927	0.000147uv	mg/L	0.002900	1977.3	2.08471	0.000147 mg/L	Y 371.029
Sn 283.998	0.002884	mg/L	0.001963	68.1	8.06422	0.002884 mg/L	Y 371.029
Sr 216.596	0.010533	mg/L	0.000216	2.1	69.7578	0.010533 mg/L	Y 371.029
Sr 407.771	0.009959	mg/L	0.000090	0.9	32510.0	0.009959 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.010064	mg/L	0.000057	0.6	21671.6	0.010064 mg/L	Y 371.029
Ti 334.941	0.000156	mg/L	0.000050	31.9	84.7406	0.000156 mg/L	Y 371.029
Ti 336.122	0.000116uv	mg/L	0.000209	179.1	35.5101	0.000116 mg/L	Y 371.029
Ti 337.280	0.000651	mg/L	0.000100	15.4	15.0400	0.000651 mg/L	Y 371.029
Tl 190.794	0.000456uv	mg/L	0.000785	172.4	2.24327	0.000456 mg/L	Y 371.029
Tl 190.807	0.000276uv	mg/L	0.003221	1165.7	1.15076	0.000276 mg/L	Y 371.029
Tl 351.923	-0.001221uv	mg/L	0.001292	105.8	6.40841	-0.001221 mg/L	Y 371.029
V 268.796	0.000670uv	mg/L	0.000274	40.9	19.7084	0.000670 mg/L	Y 371.029
V 292.401	0.000239	mg/L	0.000114	47.8	18.5202	0.000239 mg/L	Y 371.029
V 311.837	0.000710	mg/L	0.000082	11.5	3.58831	0.000710 mg/L	Y 371.029
Zn 202.548	0.015820	mg/L	0.000308	1.9	396.390	0.015820 mg/L	Y 371.029
Zn 206.200	0.016573	mg/L	0.000565	3.4	132.568	0.016573 mg/L	Y 371.029
Zn 213.857	0.013428	mg/L	0.000085	0.6	967.846	0.013428 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.620940	7443.19	19.202	0.3
Y 371.029	1.03979	169483	638.718	0.4

11C1195-04 (Samp) **3/22/2011, 3:27:22 PM** **Rack 1, Tube 35**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000558	mg/L	0.000242	43.4	178.774	0.000558 mg/L	Y 371.029
Ag 338.289	0.000788	mg/L	0.000185	23.5	-0.096332	0.000788 mg/L	Y 371.029
Al 237.312	0.009274	mg/L	0.004931	53.2	49.1919	0.009274 mg/L	Y 371.029
Al 257.509	0.016161	mg/L	0.011720	72.5	25.4325	0.016161 mg/L	Y 371.029
Al 308.215	0.000137uv	mg/L	0.001958	1427.8	1156.19	0.000137 mg/L	Y 371.029
As 188.980	0.001247uv	mg/L	0.002860	229.3	3.64202	0.001247 mg/L	Y 371.029
As 193.696	-0.002432uv	mg/L	0.001080	44.4	1.97587	-0.002432 mg/L	Y 371.029
As 228.812	0.002303uv	mg/L	0.001660	72.1	6.63306	0.002303 mg/L	Y 371.029
B 182.577	0.002241	mg/L	0.002467	110.1	3.70708	0.002241 mg/L	Y 371.029
B 249.678	0.003364	mg/L	0.000557	16.6	44.6885	0.003364 mg/L	Y 371.029
B 249.772	0.002641	mg/L	0.000295	11.2	70.4788	0.002641 mg/L	Y 371.029
Ba 233.527	0.030097	mg/L	0.000357	1.2	1063.57	0.030097 mg/L	Y 371.029
Ba 455.403	0.029212	mg/L	0.000088	0.3	30676.0	0.029212 mg/L	Y 371.029
Ba 493.408	0.028712	mg/L	0.000073	0.3	19766.8	0.028712 mg/L	Y 371.029
Be 234.861	0.000208	mg/L	0.000086	41.5	16.9277	0.000208 mg/L	Y 371.029
Be 313.042	0.000165	mg/L	0.000099	60.1	635.867	0.000165 mg/L	Y 371.029
Be 313.107	0.000229	mg/L	0.000101	44.2	153.813	0.000229 mg/L	Y 371.029
Ca 393.366	3.55086	mg/L	0.068684	1.9	4561603	3.55086 mg/L	Y 371.029
Ca 396.847	3.67789	mg/L	0.008712	0.2	7803501	3.67789 mg/L	Y 371.029
Ca 430.253	4.26297	mg/L	0.001269	0.0	15115.2	4.26297 mg/L	Y 371.029
Cd 214.439	0.000219	mg/L	0.000025	11.5	3.60613	0.000219 mg/L	Y 371.029
Cd 226.502	-0.000040uv	mg/L	0.000019	47.4	13.6716	-0.000040 mg/L	Y 371.029
Cd 228.802	0.000011uv	mg/L	0.000207	1941.7	10.6570	0.000011 mg/L	Y 371.029
Co 228.615	0.001098	mg/L	0.000094	8.6	3.52548	0.001098 mg/L	Y 371.029
Co 230.786	-0.000024uv	mg/L	0.000452	1895.0	4.99490	-0.000024 mg/L	Y 371.029
Co 238.892	-0.000060uv	mg/L	0.000067	111.9	1.24237	-0.000060 mg/L	Y 371.029
Cr 205.560	0.002018	mg/L	0.000854	42.3	8.22857	0.002018 mg/L	Y 371.029
Cr 206.158	0.003544	mg/L	0.000766	21.6	4.83942	0.003544 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.002541	mg/L	0.001176	46.3	57.3962	0.002541 mg/L	Y 371.029
Cu 213.598	0.001786	mg/L	0.000219	12.2	4.41101	0.001786 mg/L	Y 371.029
Cu 324.754	0.001078	mg/L	0.000254	23.5	445.086	0.001078 mg/L	Y 371.029
Cu 327.395	0.002282	mg/L	0.000327	14.3	102.370	0.002282 mg/L	Y 371.029
Fe 234.350	0.056942	mg/L	0.007312	12.8	403.553	0.056942 mg/L	Y 371.029
Fe 238.204	0.057887	mg/L	0.006879	11.9	827.917	0.057887 mg/L	Y 371.029
Fe 259.940	0.057198	mg/L	0.006687	11.7	734.216	0.057198 mg/L	Y 371.029
Ga 287.423	0.000149uv	mg/L	0.001901	1279.4	6.74519	0.000149 mg/L	Y 371.029
Ga 294.363	0.001002	mg/L	0.000713	71.2	11.4064	0.001002 mg/L	Y 371.029
Ga 417.204	0.001013	mg/L	0.000253	24.9	45.7474	0.001013 mg/L	Y 371.029
K 766.491	1.43468	mg/L	0.004051	0.3	83043.7	1.43468 mg/L	Y 371.029
K 769.897	1.42655	mg/L	0.004253	0.3	70458.7	1.42655 mg/L	Y 371.029
Li 610.365	0.002043n	mg/L	0.000120	5.9	65.3128	0.002043 mg/L	Y 371.029
Li 670.783	0.003746	mg/L	0.000039	1.0	48296.7	0.003746 mg/L	Y 371.029
Mg 279.078	2.66182	mg/L	0.016644	0.6	2957.09	2.66182 mg/L	Y 371.029
Mg 280.270	2.65696	mg/L	0.015376	0.6	206522	2.65696 mg/L	Y 371.029
Mg 285.213	2.67315	mg/L	0.040458	1.5	75154.1	2.67315 mg/L	Y 371.029
Mn 257.610	0.033074n	mg/L	0.000144	0.4	3772.17	0.033074 mg/L	Y 371.029
Mn 259.372	0.032827	mg/L	0.000053	0.2	2885.36	0.032827 mg/L	Y 371.029
Mn 260.568	0.033576	mg/L	0.000483	1.4	513.638	0.033576 mg/L	Y 371.029
Mo 202.032	0.000182	mg/L	0.000373	204.4	13.1546	0.000182 mg/L	Y 371.029
Mo 203.846	-0.001323	mg/L	0.000591	44.7	4.90807	-0.001323 mg/L	Y 371.029
Mo 204.598	-0.000314	mg/L	0.000373	118.5	4.79230	-0.000314 mg/L	Y 371.029
Na 568.821	5.48614	mg/L	0.046744	0.9	1201.62	5.48614 mg/L	Y 371.029
Na 588.995	6.21567	mg/L	0.015784	0.3	2687869	6.21567 mg/L	Y 371.029
Na 589.592	5.82751	mg/L	0.015702	0.3	1333805	5.82751 mg/L	Y 371.029
Ni 216.555	0.013328	mg/L	0.000467	3.5	43.9511	0.013328 mg/L	Y 371.029
Ni 221.648	0.014365	mg/L	0.002490	17.3	20.4772	0.014365 mg/L	Y 371.029
Ni 231.604	0.014075	mg/L	0.000505	3.6	34.6258	0.014075 mg/L	Y 371.029
P 177.434	0.007854	mg/L	0.005099	64.9	2.62849	0.007854 mg/L	Y 371.029
P 213.618	0.001363	mg/L	0.001698	124.6	4.34849	0.001363 mg/L	Y 371.029
P 214.914	0.017799	mg/L	0.002513	14.1	4.03231	0.017799 mg/L	Y 371.029
Pb 220.353	0.005341	mg/L	0.000970	18.2	4.48187	0.005341 mg/L	Y 371.029
Pb 261.417	0.005045	mg/L	0.002855	56.6	4.69205	0.005045 mg/L	Y 371.029
Pb 405.781	0.000919uv	mg/L	0.004796	521.6	49.6919	0.000919 mg/L	Y 371.029
Sb 206.834	-0.001941uv	mg/L	0.000669	34.4	4.65194	-0.001941 mg/L	Y 371.029
Sb 231.146	-0.006904uv	mg/L	0.004756	68.9	3.00614	-0.006904 mg/L	Y 371.029
Sb 259.804	0.010616	mg/L	0.011024	103.8	5.67990	0.010616 mg/L	Y 371.029
Se 196.026	0.008605	mg/L	0.002183	25.4	4.03827	0.008605 mg/L	Y 371.029
Se 203.985	0.006957uv	mg/L	0.009126	131.2	1.88019	0.006957 mg/L	Y 371.029
Si 250.690	11.5561	mg/L	0.116363	1.0	12092.5	11.5561 mg/L	Y 371.029
Si 251.611	11.8716	mg/L	0.111363	0.9	13384.9	11.8716 mg/L	Y 371.029
Si 288.158	11.6764	mg/L	0.178220	1.5	69514.3	11.6764 mg/L	Y 371.029
Sn 189.927	-0.000689uv	mg/L	0.002316	336.2	1.92359	-0.000689 mg/L	Y 371.029
Sn 283.998	-0.000008uv	mg/L	0.004261	52167.8	5.84714	-0.000008 mg/L	Y 371.029
Sr 216.596	0.022715	mg/L	0.000259	1.1	140.785	0.022715 mg/L	Y 371.029
Sr 407.771	0.021645	mg/L	0.000054	0.2	65871.9	0.021645 mg/L	Y 371.029
Sr 421.552	0.021641	mg/L	0.000063	0.3	43691.4	0.021641 mg/L	Y 371.029
Ti 334.941	0.000265	mg/L	0.000065	24.5	108.086	0.000265 mg/L	Y 371.029
Ti 336.122	0.000149	mg/L	0.000101	67.8	38.4503	0.000149 mg/L	Y 371.029
Ti 337.280	0.000629	mg/L	0.000380	60.3	14.9435	0.000629 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	-0.000673uv	mg/L	0.001885	280.2	1.95471	-0.000673 mg/L	Y 371.029
Tl 190.807	0.008077	mg/L	0.002272	28.1	2.14949	0.008077 mg/L	Y 371.029
Tl 351.923	0.001801uv	mg/L	0.003705	205.7	10.9706	0.001801 mg/L	Y 371.029
V 268.796	0.001184uv	mg/L	0.000244	20.6	23.7247	0.001184 mg/L	Y 371.029
V 292.401	0.000490	mg/L	0.000211	43.2	24.8964	0.000490 mg/L	Y 371.029
V 311.837	0.000746	mg/L	0.000123	16.4	5.04112	0.000746 mg/L	Y 371.029
Zn 202.548	0.022664	mg/L	0.000732	3.2	429.438	0.022664 mg/L	Y 371.029
Zn 206.200	0.025174	mg/L	0.000850	3.4	146.390	0.025174 mg/L	Y 371.029
Zn 213.857	0.020439	mg/L	0.000273	1.3	1053.41	0.020439 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.618073	7408.82	9.343	0.1
Y 371.029	1.02807	167573	382.387	0.2

11C1195-05 (Samp) **3/22/2011, 3:31:13 PM** **Rack 1, Tube 36**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000752	mg/L	0.000313	41.6	183.762	0.000752 mg/L	Y 371.029
Ag 338.289	0.001190	mg/L	0.000767	64.5	1.01876	0.001190 mg/L	Y 371.029
Al 237.312	0.008515	mg/L	0.006500	76.3	47.9017	0.008515 mg/L	Y 371.029
Al 257.509	0.012184	mg/L	0.008500	69.8	23.0158	0.012184 mg/L	Y 371.029
Al 308.215	-0.004754uv	mg/L	0.002030	42.7	1132.35	-0.004754 mg/L	Y 371.029
As 188.980	0.002054	mg/L	0.001689	82.2	3.85060	0.002054 mg/L	Y 371.029
As 193.696	-0.003814uv	mg/L	0.002714	71.2	1.57604	-0.003814 mg/L	Y 371.029
As 228.812	0.003182	mg/L	0.001026	32.2	7.75838	0.003182 mg/L	Y 371.029
B 182.577	0.004827	mg/L	0.001788	37.0	4.57032	0.004827 mg/L	Y 371.029
B 249.678	0.005196	mg/L	0.000390	7.5	58.1002	0.005196 mg/L	Y 371.029
B 249.772	0.005234	mg/L	0.000330	6.3	106.060	0.005234 mg/L	Y 371.029
Ba 233.527	0.034911	mg/L	0.000069	0.2	1208.80	0.034911 mg/L	Y 371.029
Ba 455.403	0.034285	mg/L	0.000050	0.1	35207.1	0.034285 mg/L	Y 371.029
Ba 493.408	0.033735	mg/L	0.000082	0.2	22696.4	0.033735 mg/L	Y 371.029
Be 234.861	0.000131	mg/L	0.000113	86.5	9.88944	0.000131 mg/L	Y 371.029
Be 313.042	0.000108	mg/L	0.000097	89.9	559.829	0.000108 mg/L	Y 371.029
Be 313.107	0.000187	mg/L	0.000090	48.4	125.423	0.000187 mg/L	Y 371.029
Ca 393.366	0.290480	mg/L	0.002350	0.8	386942	0.290480 mg/L	Y 371.029
Ca 396.847	0.290936	mg/L	0.001676	0.6	640571	0.290936 mg/L	Y 371.029
Ca 430.253	0.360301	mg/L	0.001755	0.5	1730.00	0.360301 mg/L	Y 371.029
Cd 214.439	0.000153	mg/L	0.000021	13.4	2.89134	0.000153 mg/L	Y 371.029
Cd 226.502	-0.000157uv	mg/L	0.000047	29.7	10.6559	-0.000157 mg/L	Y 371.029
Cd 228.802	0.000006uv	mg/L	0.000265	4818.7	10.6215	0.000006 mg/L	Y 371.029
Co 228.615	0.001044	mg/L	0.000224	21.5	3.19983	0.001044 mg/L	Y 371.029
Co 230.786	0.000283	mg/L	0.000178	62.8	6.27991	0.000283 mg/L	Y 371.029
Co 238.892	0.001023	mg/L	0.000079	7.7	5.92254	0.001023 mg/L	Y 371.029
Cr 205.560	0.000303	mg/L	0.000144	47.6	3.06545	0.000303 mg/L	Y 371.029
Cr 206.158	0.000641uv	mg/L	0.000939	146.4	1.25578	0.000641 mg/L	Y 371.029
Cr 267.716	0.000112uv	mg/L	0.000212	190.2	16.7772	0.000112 mg/L	Y 371.029
Cu 213.598	0.001544	mg/L	0.000688	44.6	3.71738	0.001544 mg/L	Y 371.029
Cu 324.754	0.000263uv	mg/L	0.000281	106.6	423.376	0.000263 mg/L	Y 371.029
Cu 327.395	0.001387	mg/L	0.000191	13.8	65.3572	0.001387 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.002703	mg/L	0.000143	5.3	34.1974	0.002703 mg/L	Y 371.029
Fe 238.204	0.003254	mg/L	0.000038	1.2	62.9867	0.003254 mg/L	Y 371.029
Fe 259.940	0.002766	mg/L	0.000250	9.0	59.4440	0.002766 mg/L	Y 371.029
Ga 287.423	-0.000800uv	mg/L	0.000802	100.3	4.67933	-0.000800 mg/L	Y 371.029
Ga 294.363	0.001527	mg/L	0.000264	17.3	14.2083	0.001527 mg/L	Y 371.029
Ga 417.204	0.000838	mg/L	0.000723	86.3	44.8119	0.000838 mg/L	Y 371.029
K 766.491	1.46463	mg/L	0.004855	0.3	84707.9	1.46463 mg/L	Y 371.029
K 769.897	1.45477	mg/L	0.004739	0.3	71712.1	1.45477 mg/L	Y 371.029
Li 610.365	0.000910n	mg/L	0.000139	15.3	27.4079	0.000910 mg/L	Y 371.029
Li 670.783	0.001037	mg/L	0.000023	2.3	41670.4	0.001037 mg/L	Y 371.029
Mg 279.078	0.818217	mg/L	0.005196	0.6	912.986	0.818217 mg/L	Y 371.029
Mg 280.270	0.819354	mg/L	0.002581	0.3	63844.6	0.819354 mg/L	Y 371.029
Mg 285.213	0.816224	mg/L	0.007629	0.9	22918.1	0.816224 mg/L	Y 371.029
Mn 257.610	0.021982n	mg/L	0.000094	0.4	2489.76	0.021982 mg/L	Y 371.029
Mn 259.372	0.021893	mg/L	0.000082	0.4	1920.29	0.021893 mg/L	Y 371.029
Mn 260.568	0.021768	mg/L	0.000219	1.0	331.967	0.021768 mg/L	Y 371.029
Mo 202.032	0.001117	mg/L	0.000256	22.9	13.5122	0.001117 mg/L	Y 371.029
Mo 203.846	0.000550	mg/L	0.000133	24.1	6.16965	0.000550 mg/L	Y 371.029
Mo 204.598	0.000489	mg/L	0.000551	112.8	4.73478	0.000489 mg/L	Y 371.029
Na 568.821	3.83135	mg/L	0.008883	0.2	804.600	3.83135 mg/L	Y 371.029
Na 588.995	4.06239	mg/L	0.012239	0.3	1830573	4.06239 mg/L	Y 371.029
Na 589.592	3.66925	mg/L	0.012964	0.4	895398	3.66925 mg/L	Y 371.029
Ni 216.555	0.011948	mg/L	0.000219	1.8	39.2550	0.011948 mg/L	Y 371.029
Ni 221.648	0.012009	mg/L	0.002995	24.9	17.2933	0.012009 mg/L	Y 371.029
Ni 231.604	0.012004	mg/L	0.000154	1.3	29.6300	0.012004 mg/L	Y 371.029
P 177.434	0.006587uv	mg/L	0.006405	97.2	2.49819	0.006587 mg/L	Y 371.029
P 213.618	-0.005966uv	mg/L	0.002772	46.5	1.18527	-0.005966 mg/L	Y 371.029
P 214.914	0.003179uv	mg/L	0.008641	271.8	2.36361	0.003179 mg/L	Y 371.029
Pb 220.353	0.007190	mg/L	0.003598	50.0	5.78432	0.007190 mg/L	Y 371.029
Pb 261.417	0.006553	mg/L	0.003928	59.9	5.28335	0.006553 mg/L	Y 371.029
Pb 405.781	-0.010874uv	mg/L	0.007018	64.5	35.8339	-0.010874 mg/L	Y 371.029
Sb 206.834	0.000949	mg/L	0.001163	122.5	5.56051	0.000949 mg/L	Y 371.029
Sb 231.146	-0.004724uv	mg/L	0.000789	16.7	3.60685	-0.004724 mg/L	Y 371.029
Sb 259.804	0.004481uv	mg/L	0.009291	207.3	3.49330	0.004481 mg/L	Y 371.029
Se 196.026	0.005918	mg/L	0.004669	78.9	3.48896	0.005918 mg/L	Y 371.029
Se 203.985	0.004153uv	mg/L	0.008034	193.4	1.58156	0.004153 mg/L	Y 371.029
Si 250.690	3.96525	mg/L	0.006178	0.2	4177.40	3.96525 mg/L	Y 371.029
Si 251.611	4.06094	mg/L	0.000600	0.0	4610.25	4.06094 mg/L	Y 371.029
Si 288.158	3.95417	mg/L	0.035449	0.9	24066.7	3.95417 mg/L	Y 371.029
Sn 189.927	0.001231uv	mg/L	0.002716	220.5	2.30678	0.001231 mg/L	Y 371.029
Sn 283.998	-0.000081uv	mg/L	0.003762	4669.5	4.16838	-0.000081 mg/L	Y 371.029
Sr 216.596	0.010455	mg/L	0.000053	0.5	65.8531	0.010455 mg/L	Y 371.029
Sr 407.771	0.010060	mg/L	0.000082	0.8	31074.6	0.010060 mg/L	Y 371.029
Sr 421.552	0.010166	mg/L	0.000030	0.3	20711.1	0.010166 mg/L	Y 371.029
Ti 334.941	0.000267	mg/L	0.000235	87.9	106.809	0.000267 mg/L	Y 371.029
Ti 336.122	0.000218	mg/L	0.000190	87.3	44.1949	0.000218 mg/L	Y 371.029
Ti 337.280	0.000600	mg/L	0.000145	24.2	13.4601	0.000600 mg/L	Y 371.029
Tl 190.794	0.000517uv	mg/L	0.001915	370.3	2.25911	0.000517 mg/L	Y 371.029
Tl 190.807	-0.002618uv	mg/L	0.003866	147.6	0.777289	-0.002618 mg/L	Y 371.029
Tl 351.923	0.001409uv	mg/L	0.001533	108.8	10.3340	0.001409 mg/L	Y 371.029
V 268.796	0.001021uv	mg/L	0.000209	20.4	22.1519	0.001021 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.000239uv	mg/L	0.000261	108.8	18.4952	0.000239 mg/L	Y 371.029
V 311.837	0.000775	mg/L	0.000037	4.8	5.76383	0.000775 mg/L	Y 371.029
Zn 202.548	0.012160	mg/L	0.000417	3.4	379.120	0.012160 mg/L	Y 371.029
Zn 206.200	0.013491	mg/L	0.000682	5.1	127.693	0.013491 mg/L	Y 371.029
Zn 213.857	0.009410	mg/L	0.000214	2.3	920.491	0.009410 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.622618	7463.30	29.523	0.4
Y 371.029	1.03753	169116	497.489	0.3

11C1195-06 (Samp) **3/22/2011, 3:34:56 PM** **Rack 1, Tube 37**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000075	mg/L	0.000208	276.0	215.421	-0.000075 mg/L	Y 371.029
Ag 338.289	0.000419	mg/L	0.000829	197.6	0.309833	0.000419 mg/L	Y 371.029
Al 237.312	-0.005421uv	mg/L	0.000826	15.2	26.4722	-0.005421 mg/L	Y 371.029
Al 257.509	0.029188	mg/L	0.003186	10.9	27.5206	0.029188 mg/L	Y 371.029
Al 308.215	0.000550uv	mg/L	0.002130	387.5	1134.88	0.000550 mg/L	Y 371.029
As 188.980	0.003499	mg/L	0.002263	64.7	4.23598	0.003499 mg/L	Y 371.029
As 193.696	0.000429uv	mg/L	0.003098	722.1	1.83388	0.000429 mg/L	Y 371.029
As 228.812	0.005996uv	mg/L	0.002085	34.8	6.17467	0.005996 mg/L	Y 371.029
B 182.577	-0.001100uv	mg/L	0.002142	194.7	3.16743	-0.001100 mg/L	Y 371.029
B 249.678	0.000113	mg/L	0.000233	205.4	25.2822	0.000113 mg/L	Y 371.029
B 249.772	-0.004747	mg/L	0.000158	3.3	248.993	-0.004747 mg/L	Y 371.029
Ba 233.527	0.235462	mg/L	0.000713	0.3	7322.60	0.235462 mg/L	Y 371.029
Ba 455.403	0.229462	mg/L	0.000311	0.1	210994	0.229462 mg/L	Y 371.029
Ba 493.408	0.226758	mg/L	0.000368	0.2	136269	0.226758 mg/L	Y 371.029
Be 234.861	-0.000014	mg/L	0.000011	79.5	2.32650	-0.000014 mg/L	Y 371.029
Be 313.042	0.000027	mg/L	0.000007	27.1	432.535	0.000027 mg/L	Y 371.029
Be 313.107	0.000054	mg/L	0.000013	24.3	47.2831	0.000054 mg/L	Y 371.029
Ca 393.366	4.28275	mg/L	0.011724	0.3	5502289	4.28275 mg/L	Y 371.029
Ca 396.847	4.57385	mg/L	0.008458	0.2	9703613	4.57385 mg/L	Y 371.029
Ca 430.253	5.32220	mg/L	0.019748	0.4	18814.5	5.32220 mg/L	Y 371.029
Cd 214.439	0.000211	mg/L	0.000143	68.1	3.90168	0.000211 mg/L	Y 371.029
Cd 226.502	0.000449	mg/L	0.000086	19.1	46.4770	0.000449 mg/L	Y 371.029
Cd 228.802	-0.000149uv	mg/L	0.000243	163.1	8.09081	-0.000149 mg/L	Y 371.029
Co 228.615	0.000415	mg/L	0.000079	18.9	28.9833	0.000415 mg/L	Y 371.029
Co 230.786	0.000547	mg/L	0.000625	114.2	33.0866	0.000547 mg/L	Y 371.029
Co 238.892	0.001608uv	mg/L	0.016653	1035.9	-36.8902	0.001608 mg/L	Y 371.029
Cr 205.560	-0.001701	mg/L	0.000112	6.6	2.88327	-0.001701 mg/L	Y 371.029
Cr 206.158	-0.001159	mg/L	0.000500	43.1	1.90299	-0.001159 mg/L	Y 371.029
Cr 267.716	-0.002729	mg/L	0.000167	6.1	17.5978	-0.002729 mg/L	Y 371.029
Cu 213.598	0.006245	mg/L	0.000636	10.2	29.6913	0.006245 mg/L	Y 371.029
Cu 324.754	-0.000659uv	mg/L	0.000339	51.5	396.436	-0.000659 mg/L	Y 371.029
Cu 327.395	-0.002121	mg/L	0.000112	5.3	46.8202	-0.002121 mg/L	Y 371.029
Fe 234.350	21.8696	mg/L	0.130439	0.6	147034	21.8696 mg/L	Y 371.029
Fe 238.204	22.2226	mg/L	0.253800	1.1	306827	22.2226 mg/L	Y 371.029
Fe 259.940	21.8887	mg/L	0.059899	0.3	269071	21.8887 mg/L	Y 371.029
Ga 287.423	0.083232	mg/L	0.001566	1.9	281.294	0.083232 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.001904	mg/L	0.000523	27.5	17.1044	0.001904 mg/L	Y 371.029
Ga 417.204	0.002599	mg/L	0.001059	40.7	82.0970	0.002599 mg/L	Y 371.029
K 766.491	1.62342	mg/L	0.002613	0.2	93884.3	1.62342 mg/L	Y 371.029
K 769.897	1.60866	mg/L	0.002195	0.1	79133.6	1.60866 mg/L	Y 371.029
Li 610.365	0.000691n	mg/L	0.000305	44.2	20.0512	0.000691 mg/L	Y 371.029
Li 670.783	0.000505	mg/L	0.000088	17.4	41731.2	0.000505 mg/L	Y 371.029
Mg 279.078	2.68156	mg/L	0.010964	0.4	2980.32	2.68156 mg/L	Y 371.029
Mg 280.270	2.70097	mg/L	0.018784	0.7	210174	2.70097 mg/L	Y 371.029
Mg 285.213	2.74964	mg/L	0.026484	1.0	77448.7	2.74964 mg/L	Y 371.029
Mn 257.610	10.2445n	mg/L	0.079330	0.8	1171588	10.2445 mg/L	Y 371.029
Mn 259.372	10.2669	mg/L	0.088650	0.9	897013	10.2669 mg/L	Y 371.029
Mn 260.568	10.5899	mg/L	0.051829	0.5	159672	10.5899 mg/L	Y 371.029
Mo 202.032	0.007564	mg/L	0.000310	4.1	22.0146	0.007564 mg/L	Y 371.029
Mo 203.846	0.006280	mg/L	0.001107	17.6	10.3115	0.006280 mg/L	Y 371.029
Mo 204.598	0.007425	mg/L	0.000715	9.6	11.5464	0.007425 mg/L	Y 371.029
Na 568.821	7.44646	mg/L	0.014429	0.2	1645.74	7.44646 mg/L	Y 371.029
Na 588.995	8.35392	mg/L	0.083118	1.0	3539811	8.35392 mg/L	Y 371.029
Na 589.592	8.34871	mg/L	0.012707	0.2	1845655	8.34871 mg/L	Y 371.029
Ni 216.555	0.000237	mg/L	0.000390	164.8	41.1434	0.000237 mg/L	Y 371.029
Ni 221.648	-0.001593	mg/L	0.000951	59.7	12.5727	-0.001593 mg/L	Y 371.029
Ni 231.604	-0.000853	mg/L	0.000587	68.8	22.2794	-0.000853 mg/L	Y 371.029
P 177.434	-0.000515uv	mg/L	0.004393	852.4	1.64788	-0.000515 mg/L	Y 371.029
P 213.618	-0.008194uv	mg/L	0.003198	39.0	1.85619	-0.008194 mg/L	Y 371.029
P 214.914	0.007329	mg/L	0.018893	257.8	3.99777	0.007329 mg/L	Y 371.029
Pb 220.353	0.006109	mg/L	0.003250	53.2	5.05710	0.006109 mg/L	Y 371.029
Pb 261.417	-0.019498	mg/L	0.003261	16.7	5.94616	-0.019498 mg/L	Y 371.029
Pb 405.781	0.020904	mg/L	0.006599	31.6	79.2038	0.020904 mg/L	Y 371.029
Sb 206.834	-0.000996uv	mg/L	0.002731	274.3	5.05133	-0.000996 mg/L	Y 371.029
Sb 231.146	-0.008312uv	mg/L	0.001729	20.8	1.86685	-0.008312 mg/L	Y 371.029
Sb 259.804	-0.016751	mg/L	0.009368	55.9	6.03945	-0.016751 mg/L	Y 371.029
Se 196.026	0.003139	mg/L	0.006417	204.4	3.74352	0.003139 mg/L	Y 371.029
Se 203.985	0.012270	mg/L	0.005568	45.4	3.77568	0.012270 mg/L	Y 371.029
Si 250.690	1.89266	mg/L	0.008024	0.4	2019.46	1.89266 mg/L	Y 371.029
Si 251.611	1.94635	mg/L	0.002420	0.1	2242.03	1.94635 mg/L	Y 371.029
Si 288.158	1.90497	mg/L	0.011796	0.6	11998.6	1.90497 mg/L	Y 371.029
Sn 189.927	-0.002191uv	mg/L	0.004896	223.5	2.10852	-0.002191 mg/L	Y 371.029
Sn 283.998	-0.001582	mg/L	0.002663	168.4	9.18417	-0.001582 mg/L	Y 371.029
Sr 216.596	0.025913	mg/L	0.000095	0.4	170.714	0.025913 mg/L	Y 371.029
Sr 407.771	0.023213	mg/L	0.000244	1.1	71293.6	0.023213 mg/L	Y 371.029
Sr 421.552	0.023330	mg/L	0.000256	1.1	47537.8	0.023330 mg/L	Y 371.029
Ti 334.941	-0.000533uv	mg/L	0.000104	19.4	73.9650	-0.000533 mg/L	Y 371.029
Ti 336.122	-0.000753uv	mg/L	0.000057	7.6	23.4668	-0.000753 mg/L	Y 371.029
Ti 337.280	-0.000270	mg/L	0.000093	34.6	11.5853	-0.000270 mg/L	Y 371.029
Tl 190.794	-0.000757	mg/L	0.002993	395.4	4.58240	-0.000757 mg/L	Y 371.029
Tl 190.807	0.004086uv	mg/L	0.001265	31.0	0.681817	0.004086 mg/L	Y 371.029
Tl 351.923	0.004885	mg/L	0.003836	78.5	12.6481	0.004885 mg/L	Y 371.029
V 268.796	-0.001032uv	mg/L	0.000186	18.0	17.8890	-0.001032 mg/L	Y 371.029
V 292.401	-0.001237	mg/L	0.000181	14.6	32.3092	-0.001237 mg/L	Y 371.029
V 311.837	-0.001017	mg/L	0.000116	11.4	3.08611	-0.001017 mg/L	Y 371.029
Zn 202.548	0.009979	mg/L	0.000222	2.2	376.301	0.009979 mg/L	Y 371.029
Zn 206.200	0.011550	mg/L	0.000710	6.1	126.739	0.011550 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.007527	mg/L	0.000286	3.8	926.163	0.007527 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.623551	7474.48	56.901	0.8
Y 371.029	1.02973	167845	1632.543	1.0

11C1195-07 (Samp) **3/22/2011, 3:39:10 PM** **Rack 1, Tube 38**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000565	mg/L	0.000261	46.1	176.369	0.000565 mg/L	Y 371.029
Ag 338.289	0.000424uv	mg/L	0.001099	259.0	-1.04910	0.000424 mg/L	Y 371.029
Al 237.312	0.007223	mg/L	0.001613	22.3	46.4908	0.007223 mg/L	Y 371.029
Al 257.509	0.007517uv	mg/L	0.008342	111.0	20.7752	0.007517 mg/L	Y 371.029
Al 308.215	-0.003212uv	mg/L	0.000918	28.6	1139.96	-0.003212 mg/L	Y 371.029
As 188.980	0.000028uv	mg/L	0.003899	13757.0	3.38498	0.000028 mg/L	Y 371.029
As 193.696	-0.004229uv	mg/L	0.001884	44.5	1.45845	-0.004229 mg/L	Y 371.029
As 228.812	0.002796	mg/L	0.000959	34.3	7.44596	0.002796 mg/L	Y 371.029
B 182.577	0.004417	mg/L	0.001669	37.8	4.43524	0.004417 mg/L	Y 371.029
B 249.678	0.003577	mg/L	0.000837	23.4	45.6766	0.003577 mg/L	Y 371.029
B 249.772	0.003206	mg/L	0.000077	2.4	77.3525	0.003206 mg/L	Y 371.029
Ba 233.527	0.037729	mg/L	0.000085	0.2	1294.83	0.037729 mg/L	Y 371.029
Ba 455.403	0.037076	mg/L	0.000002	0.0	37728.1	0.037076 mg/L	Y 371.029
Ba 493.408	0.036501	mg/L	0.000048	0.1	24325.6	0.036501 mg/L	Y 371.029
Be 234.861	0.000066	mg/L	0.000030	44.7	4.01190	0.000066 mg/L	Y 371.029
Be 313.042	0.000066	mg/L	0.000003	4.6	504.127	0.000066 mg/L	Y 371.029
Be 313.107	0.000095	mg/L	0.000011	11.9	64.3784	0.000095 mg/L	Y 371.029
Ca 393.366	1.06264	mg/L	0.001227	0.1	1375530	1.06264 mg/L	Y 371.029
Ca 396.847	1.10128	mg/L	0.001096	0.1	2354387	1.10128 mg/L	Y 371.029
Ca 430.253	1.22293	mg/L	0.004665	0.4	4687.73	1.22293 mg/L	Y 371.029
Cd 214.439	0.000162	mg/L	0.000081	50.2	2.99335	0.000162 mg/L	Y 371.029
Cd 226.502	-0.000011uv	mg/L	0.000101	909.3	14.2283	-0.000011 mg/L	Y 371.029
Cd 228.802	0.000136uv	mg/L	0.000228	167.5	12.0313	0.000136 mg/L	Y 371.029
Co 228.615	0.001403	mg/L	0.000102	7.3	5.43530	0.001403 mg/L	Y 371.029
Co 230.786	0.000728	mg/L	0.000514	70.6	8.25538	0.000728 mg/L	Y 371.029
Co 238.892	0.000950	mg/L	0.000289	30.4	5.57895	0.000950 mg/L	Y 371.029
Cr 205.560	0.000250uv	mg/L	0.000294	117.7	2.92574	0.000250 mg/L	Y 371.029
Cr 206.158	0.000596	mg/L	0.000644	108.0	1.20407	0.000596 mg/L	Y 371.029
Cr 267.716	0.000085uv	mg/L	0.000115	134.4	16.4153	0.000085 mg/L	Y 371.029
Cu 213.598	0.003033	mg/L	0.000408	13.5	7.19873	0.003033 mg/L	Y 371.029
Cu 324.754	0.001979	mg/L	0.000327	16.5	473.631	0.001979 mg/L	Y 371.029
Cu 327.395	0.002976	mg/L	0.000123	4.1	128.636	0.002976 mg/L	Y 371.029
Fe 234.350	0.018112	mg/L	0.001824	10.1	137.735	0.018112 mg/L	Y 371.029
Fe 238.204	0.018480	mg/L	0.001784	9.7	273.370	0.018480 mg/L	Y 371.029
Fe 259.940	0.018488	mg/L	0.001854	10.0	253.237	0.018488 mg/L	Y 371.029
Ga 287.423	0.001097	mg/L	0.000107	9.8	8.30278	0.001097 mg/L	Y 371.029
Ga 294.363	0.001211	mg/L	0.000542	44.8	12.5602	0.001211 mg/L	Y 371.029
Ga 417.204	0.001931	mg/L	0.000279	14.5	52.8772	0.001931 mg/L	Y 371.029
K 766.491	2.60107	mg/L	0.001745	0.1	149235	2.60107 mg/L	Y 371.029
K 769.897	2.59464	mg/L	0.000622	0.0	123498	2.59464 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.001302n	mg/L	0.000265	20.4	40.5123	0.001302 mg/L	Y 371.029
Li 670.783	0.001481	mg/L	0.000017	1.2	42737.2	0.001481 mg/L	Y 371.029
Mg 279.078	0.567817	mg/L	0.001101	0.2	640.157	0.567817 mg/L	Y 371.029
Mg 280.270	0.574304	mg/L	0.001898	0.3	44822.8	0.574304 mg/L	Y 371.029
Mg 285.213	0.570118	mg/L	0.001469	0.3	16115.0	0.570118 mg/L	Y 371.029
Mn 257.610	0.027315n	mg/L	0.000114	0.4	3102.47	0.027315 mg/L	Y 371.029
Mn 259.372	0.027148	mg/L	0.000068	0.2	2379.15	0.027148 mg/L	Y 371.029
Mn 260.568	0.027580	mg/L	0.000203	0.7	419.146	0.027580 mg/L	Y 371.029
Mo 202.032	0.000489	mg/L	0.000842	172.2	12.1821	0.000489 mg/L	Y 371.029
Mo 203.846	0.000128	mg/L	0.001011	789.0	5.85804	0.000128 mg/L	Y 371.029
Mo 204.598	0.000138	mg/L	0.000824	599.2	4.46432	0.000138 mg/L	Y 371.029
Na 568.821	4.12108	mg/L	0.093008	2.3	874.176	4.12108 mg/L	Y 371.029
Na 588.995	4.49848	mg/L	0.003060	0.1	2004195	4.49848 mg/L	Y 371.029
Na 589.592	4.09197	mg/L	0.003885	0.1	981239	4.09197 mg/L	Y 371.029
Ni 216.555	0.010597	mg/L	0.000534	5.0	34.8083	0.010597 mg/L	Y 371.029
Ni 221.648	0.009904	mg/L	0.001682	17.0	14.5071	0.009904 mg/L	Y 371.029
Ni 231.604	0.010380	mg/L	0.000777	7.5	25.8710	0.010380 mg/L	Y 371.029
P 177.434	0.004609uv	mg/L	0.005103	110.7	2.28636	0.004609 mg/L	Y 371.029
P 213.618	-0.004296uv	mg/L	0.001517	35.3	1.90279	-0.004296 mg/L	Y 371.029
P 214.914	0.003781uv	mg/L	0.004008	106.0	2.43350	0.003781 mg/L	Y 371.029
Pb 220.353	0.003688	mg/L	0.001581	42.9	3.26570	0.003688 mg/L	Y 371.029
Pb 261.417	0.003093	mg/L	0.002595	83.9	3.87413	0.003093 mg/L	Y 371.029
Pb 405.781	-0.004970uv	mg/L	0.002675	53.8	42.4610	-0.004970 mg/L	Y 371.029
Sb 206.834	-0.002865uv	mg/L	0.002393	83.5	3.91501	-0.002865 mg/L	Y 371.029
Sb 231.146	-0.004261uv	mg/L	0.002052	48.1	3.82118	-0.004261 mg/L	Y 371.029
Sb 259.804	0.005754uv	mg/L	0.005418	94.1	3.96371	0.005754 mg/L	Y 371.029
Se 196.026	0.007368	mg/L	0.002616	35.5	3.77707	0.007368 mg/L	Y 371.029
Se 203.985	0.020127	mg/L	0.011655	57.9	3.40189	0.020127 mg/L	Y 371.029
Si 250.690	4.24740	mg/L	0.019852	0.5	4472.23	4.24740 mg/L	Y 371.029
Si 251.611	4.35676	mg/L	0.013796	0.3	4943.06	4.35676 mg/L	Y 371.029
Si 288.158	4.29494	mg/L	0.010389	0.2	26071.7	4.29494 mg/L	Y 371.029
Sn 189.927	-0.003883uv	mg/L	0.001461	37.6	1.24394	-0.003883 mg/L	Y 371.029
Sn 283.998	-0.000178uv	mg/L	0.001644	925.5	4.05974	-0.000178 mg/L	Y 371.029
Sr 216.596	0.010533	mg/L	0.000470	4.5	68.8745	0.010533 mg/L	Y 371.029
Sr 407.771	0.010102	mg/L	0.000074	0.7	32439.5	0.010102 mg/L	Y 371.029
Sr 421.552	0.010112	mg/L	0.000072	0.7	21464.0	0.010112 mg/L	Y 371.029
Ti 334.941	0.000091uv	mg/L	0.000092	101.2	71.7807	0.000091 mg/L	Y 371.029
Ti 336.122	0.000003uv	mg/L	0.000071	2349.0	25.9126	0.000003 mg/L	Y 371.029
Ti 337.280	0.000483	mg/L	0.000033	6.8	10.2073	0.000483 mg/L	Y 371.029
Tl 190.794	-0.002697uv	mg/L	0.003564	132.1	1.43252	-0.002697 mg/L	Y 371.029
Tl 190.807	-0.004966uv	mg/L	0.001204	24.2	0.470710	-0.004966 mg/L	Y 371.029
Tl 351.923	-0.002327uv	mg/L	0.001894	81.4	4.74829	-0.002327 mg/L	Y 371.029
V 268.796	0.001287uv	mg/L	0.000247	19.2	24.2103	0.001287 mg/L	Y 371.029
V 292.401	0.000127	mg/L	0.000148	116.2	15.7860	0.000127 mg/L	Y 371.029
V 311.837	0.000756	mg/L	0.000091	12.1	5.18302	0.000756 mg/L	Y 371.029
Zn 202.548	0.017985	mg/L	0.000427	2.4	406.354	0.017985 mg/L	Y 371.029
Zn 206.200	0.018742	mg/L	0.000590	3.1	135.894	0.018742 mg/L	Y 371.029
Zn 213.857	0.015283	mg/L	0.000500	3.3	989.312	0.015283 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.623467	7473.48	17.752	0.2
Y 371.029	1.03816	169219	317.370	0.2

11C1195-08 (Samp) **3/22/2011, 3:42:56 PM** **Rack 1, Tube 39**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000400	mg/L	0.000151	37.6	171.574	0.000400 mg/L	Y 371.029
Ag 338.289	0.000399uv	mg/L	0.000618	154.6	-1.13547	0.000399 mg/L	Y 371.029
Al 237.312	0.003494	mg/L	0.002361	67.6	42.7671	0.003494 mg/L	Y 371.029
Al 257.509	0.007855	mg/L	0.003987	50.8	21.2632	0.007855 mg/L	Y 371.029
Al 308.215	-0.006820uv	mg/L	0.002450	35.9	1121.64	-0.006820 mg/L	Y 371.029
As 188.980	-0.000182uv	mg/L	0.003059	1676.9	3.31700	-0.000182 mg/L	Y 371.029
As 193.696	-0.000495uv	mg/L	0.001062	214.7	2.52540	-0.000495 mg/L	Y 371.029
As 228.812	0.002091uv	mg/L	0.001504	71.9	6.29567	0.002091 mg/L	Y 371.029
B 182.577	0.001917uv	mg/L	0.002118	110.5	3.59206	0.001917 mg/L	Y 371.029
B 249.678	0.002792	mg/L	0.000192	6.9	40.1549	0.002792 mg/L	Y 371.029
B 249.772	0.002413	mg/L	0.000236	9.8	67.1121	0.002413 mg/L	Y 371.029
Ba 233.527	0.028956	mg/L	0.000305	1.1	1028.67	0.028956 mg/L	Y 371.029
Ba 455.403	0.028349	mg/L	0.000038	0.1	29895.9	0.028349 mg/L	Y 371.029
Ba 493.408	0.028106	mg/L	0.000163	0.6	19408.4	0.028106 mg/L	Y 371.029
Be 234.861	0.000059	mg/L	0.000016	26.5	3.35797	0.000059 mg/L	Y 371.029
Be 313.042	0.000039	mg/L	0.000004	10.4	468.298	0.000039 mg/L	Y 371.029
Be 313.107	0.000111	mg/L	0.000007	5.9	75.5062	0.000111 mg/L	Y 371.029
Ca 393.366	3.23690	mg/L	0.046494	1.4	4159616	3.23690 mg/L	Y 371.029
Ca 396.847	3.37909	mg/L	0.005910	0.2	7172292	3.37909 mg/L	Y 371.029
Ca 430.253	3.90296	mg/L	0.007923	0.2	13880.5	3.90296 mg/L	Y 371.029
Cd 214.439	0.000182	mg/L	0.000188	103.1	3.21181	0.000182 mg/L	Y 371.029
Cd 226.502	-0.000111uv	mg/L	0.000058	52.2	11.9329	-0.000111 mg/L	Y 371.029
Cd 228.802	-0.000100uv	mg/L	0.000179	178.4	9.46039	-0.000100 mg/L	Y 371.029
Co 228.615	0.000890	mg/L	0.000284	31.9	2.23759	0.000890 mg/L	Y 371.029
Co 230.786	-0.000174uv	mg/L	0.000334	191.9	4.33073	-0.000174 mg/L	Y 371.029
Co 238.892	-0.000015uv	mg/L	0.000151	1008.9	1.42842	-0.000015 mg/L	Y 371.029
Cr 205.560	0.001397	mg/L	0.000136	9.7	6.37878	0.001397 mg/L	Y 371.029
Cr 206.158	0.002062	mg/L	0.000297	14.4	3.01215	0.002062 mg/L	Y 371.029
Cr 267.716	0.001578	mg/L	0.000069	4.4	41.4037	0.001578 mg/L	Y 371.029
Cu 213.598	0.004087	mg/L	0.000597	14.6	9.76146	0.004087 mg/L	Y 371.029
Cu 324.754	0.002699	mg/L	0.000346	12.8	493.200	0.002699 mg/L	Y 371.029
Cu 327.395	0.004059	mg/L	0.000165	4.1	172.925	0.004059 mg/L	Y 371.029
Fe 234.350	0.057139	mg/L	0.001168	2.0	404.413	0.057139 mg/L	Y 371.029
Fe 238.204	0.057657	mg/L	0.000608	1.1	823.745	0.057657 mg/L	Y 371.029
Fe 259.940	0.056864	mg/L	0.000526	0.9	729.408	0.056864 mg/L	Y 371.029
Ga 287.423	0.000685uv	mg/L	0.003161	461.6	7.73960	0.000685 mg/L	Y 371.029
Ga 294.363	0.000911	mg/L	0.000477	52.4	10.9506	0.000911 mg/L	Y 371.029
Ga 417.204	0.001152uv	mg/L	0.001352	117.3	46.7946	0.001152 mg/L	Y 371.029
K 766.491	1.39456	mg/L	0.000692	0.0	80762.6	1.39456 mg/L	Y 371.029
K 769.897	1.38461	mg/L	0.000962	0.1	68550.5	1.38461 mg/L	Y 371.029
Li 610.365	0.002083n	mg/L	0.000377	18.1	66.6386	0.002083 mg/L	Y 371.029
Li 670.783	0.003500	mg/L	0.000034	1.0	47697.5	0.003500 mg/L	Y 371.029
Mg 279.078	2.57595	mg/L	0.009736	0.4	2861.25	2.57595 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	2.54511	mg/L	0.011793	0.5	197838	2.54511 mg/L	Y 371.029
Mg 285.213	2.60995	mg/L	0.006775	0.3	73355.9	2.60995 mg/L	Y 371.029
Mn 257.610	0.034075n	mg/L	0.000120	0.4	3884.21	0.034075 mg/L	Y 371.029
Mn 259.372	0.033830	mg/L	0.000143	0.4	2972.42	0.033830 mg/L	Y 371.029
Mn 260.568	0.034274	mg/L	0.000208	0.6	523.947	0.034274 mg/L	Y 371.029
Mo 202.032	-0.000030	mg/L	0.000159	537.5	12.3101	-0.000030 mg/L	Y 371.029
Mo 203.846	-0.000331	mg/L	0.000128	38.9	5.99803	-0.000331 mg/L	Y 371.029
Mo 204.598	-0.000614	mg/L	0.000563	91.6	4.23978	-0.000614 mg/L	Y 371.029
Na 568.821	5.31613	mg/L	0.052091	1.0	1160.86	5.31613 mg/L	Y 371.029
Na 588.995	6.05190	mg/L	0.009523	0.2	2622666	6.05190 mg/L	Y 371.029
Na 589.592	5.65237	mg/L	0.008841	0.2	1298230	5.65237 mg/L	Y 371.029
Ni 216.555	0.015338	mg/L	0.000743	4.8	50.6053	0.015338 mg/L	Y 371.029
Ni 221.648	0.013551	mg/L	0.000602	4.4	19.3942	0.013551 mg/L	Y 371.029
Ni 231.604	0.016466	mg/L	0.000104	0.6	40.1657	0.016466 mg/L	Y 371.029
P 177.434	0.007553uv	mg/L	0.010721	142.0	2.59706	0.007553 mg/L	Y 371.029
P 213.618	-0.000298uv	mg/L	0.001615	542.6	3.64738	-0.000298 mg/L	Y 371.029
P 214.914	0.002800uv	mg/L	0.004753	169.7	2.33571	0.002800 mg/L	Y 371.029
Pb 220.353	0.006113	mg/L	0.001590	26.0	5.03522	0.006113 mg/L	Y 371.029
Pb 261.417	0.005963	mg/L	0.002297	38.5	5.06795	0.005963 mg/L	Y 371.029
Pb 405.781	-0.003728uv	mg/L	0.003581	96.0	44.4975	-0.003728 mg/L	Y 371.029
Sb 206.834	-0.002237uv	mg/L	0.001900	84.9	4.47477	-0.002237 mg/L	Y 371.029
Sb 231.146	-0.002289uv	mg/L	0.003479	152.0	4.70774	-0.002289 mg/L	Y 371.029
Sb 259.804	0.005584	mg/L	0.005043	90.3	4.06182	0.005584 mg/L	Y 371.029
Se 196.026	0.008226	mg/L	0.003800	46.2	3.96192	0.008226 mg/L	Y 371.029
Se 203.985	0.007903	mg/L	0.007817	98.9	1.98313	0.007903 mg/L	Y 371.029
Si 250.690	11.2683	mg/L	0.027751	0.2	11792.3	11.2683 mg/L	Y 371.029
Si 251.611	11.5096	mg/L	0.024079	0.2	12978.1	11.5096 mg/L	Y 371.029
Si 288.158	11.4489	mg/L	0.090483	0.8	68174.7	11.4489 mg/L	Y 371.029
Sn 189.927	-0.002714uv	mg/L	0.002132	78.6	1.50037	-0.002714 mg/L	Y 371.029
Sn 283.998	0.002493uv	mg/L	0.003287	131.8	8.23776	0.002493 mg/L	Y 371.029
Sr 216.596	0.023151	mg/L	0.000271	1.2	141.903	0.023151 mg/L	Y 371.029
Sr 407.771	0.022200	mg/L	0.000065	0.3	66722.0	0.022200 mg/L	Y 371.029
Sr 421.552	0.022197	mg/L	0.000024	0.1	44256.8	0.022197 mg/L	Y 371.029
Ti 334.941	0.000130	mg/L	0.000042	32.4	80.7525	0.000130 mg/L	Y 371.029
Ti 336.122	0.000029uv	mg/L	0.000078	267.4	28.2285	0.000029 mg/L	Y 371.029
Ti 337.280	0.000556	mg/L	0.000039	7.1	12.7759	0.000556 mg/L	Y 371.029
Tl 190.794	-0.000596uv	mg/L	0.003412	572.7	1.97456	-0.000596 mg/L	Y 371.029
Tl 190.807	-0.002064uv	mg/L	0.001447	70.1	0.835060	-0.002064 mg/L	Y 371.029
Tl 351.923	0.005550	mg/L	0.004187	75.4	16.5921	0.005550 mg/L	Y 371.029
V 268.796	0.001035uv	mg/L	0.000144	13.9	23.0170	0.001035 mg/L	Y 371.029
V 292.401	0.000066uv	mg/L	0.000178	270.8	14.4845	0.000066 mg/L	Y 371.029
V 311.837	0.000762	mg/L	0.000079	10.4	5.53306	0.000762 mg/L	Y 371.029
Zn 202.548	0.021503	mg/L	0.000439	2.0	423.952	0.021503 mg/L	Y 371.029
Zn 206.200	0.022555	mg/L	0.000355	1.6	142.282	0.022555 mg/L	Y 371.029
Zn 213.857	0.018395	mg/L	0.000741	4.0	1029.24	0.018395 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.627019	7516.06	28.198	0.4
Y 371.029	1.04448	170248	889.083	0.5

11C1220-01 (Samp) **3/22/2011, 3:46:46 PM** **Rack 1, Tube 40**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.036084b	mg/L	0.000037	0.1	198.834	-0.036084 mg/L	Y 371.029
Ag 338.289	0.000028b	mg/L	0.000907	3212.0	1.80558	0.000028 mg/L	Y 371.029
Al 237.312	0.001871b	mg/L	0.001817	97.1	144.746	0.001871 mg/L	Y 371.029
Al 257.509	-0.211839b	mg/L	0.003848	1.8	67.8353	-0.211839 mg/L	Y 371.029
Al 308.215	0.378577b	mg/L	0.000812	0.2	1796.00	0.378577 mg/L	Y 371.029
As 188.980	0.127694b	mg/L	0.004018	3.1	8.87862	0.127694 mg/L	Y 371.029
As 193.696	-0.024378b	mg/L	0.003595	14.7	7.43802	-0.024378 mg/L	Y 371.029
As 228.812	0.085805b	mg/L	0.001958	2.3	10.2989	0.085805 mg/L	Y 371.029
B 182.577	0.049684b	mg/L	0.003596	7.2	19.1515	0.049684 mg/L	Y 371.029
B 249.678	0.004671b	mg/L	0.000683	14.6	256.165	0.004671 mg/L	Y 371.029
B 249.772	0.010841b	mg/L	0.000461	4.2	764.984	0.010841 mg/L	Y 371.029
Ba 233.527	0.028642b	mg/L	0.000115	0.4	1105.88	0.028642 mg/L	Y 371.029
Ba 455.403	0.031175b	mg/L	0.000034	0.1	30862.5	0.031175 mg/L	Y 371.029
Ba 493.408	0.029164b	mg/L	0.000062	0.2	20265.4	0.029164 mg/L	Y 371.029
Be 234.861	-0.001549uvb	mg/L	0.000126	8.1	-125.032	-0.001549 mg/L	Y 371.029
Be 313.042	0.000248uvb	mg/L	0.000019	7.5	425.381	0.000248 mg/L	Y 371.029
Be 313.107	-0.000035uvb	mg/L	0.000019	55.1	15.0239	-0.000035 mg/L	Y 371.029
Ca 393.366	13.1377b	mg/L	0.030601	0.2	16923910	13.1377 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.118731	0.8	33476582	- mg/L	Y 371.029
Ca 430.253	21.6153b	mg/L	0.022886	0.1	78501.2	21.6153 mg/L	Y 371.029
Cd 214.439	0.000076b	mg/L	0.000160	210.7	4.66358	0.000076 mg/L	Y 371.029
Cd 226.502	0.000204b	mg/L	0.000083	40.7	73.2730	0.000204 mg/L	Y 371.029
Cd 228.802	0.000276uvb	mg/L	0.000172	62.1	8.03403	0.000276 mg/L	Y 371.029
Co 228.615	0.005214b	mg/L	0.000263	5.0	10.5537	0.005214 mg/L	Y 371.029
Co 230.786	0.005649b	mg/L	0.000407	7.2	27.6541	0.005649 mg/L	Y 371.029
Co 238.892	-0.037806uvb	mg/L	0.002289	6.1	-183.409	-0.037806 mg/L	Y 371.029
Cr 205.560	-0.002969b	mg/L	0.000464	15.6	15.4919	-0.002969 mg/L	Y 371.029
Cr 206.158	-0.006683b	mg/L	0.003082	46.1	9.26252	-0.006683 mg/L	Y 371.029
Cr 267.716	-0.001323b	mg/L	0.000480	36.3	97.8379	-0.001323 mg/L	Y 371.029
Cu 213.598	11.6271b	mg/L	0.069025	0.6	27144.8	11.6271 mg/L	Y 371.029
Cu 324.754	11.4282b	mg/L	0.069253	0.6	336856	11.4282 mg/L	Y 371.029
Cu 327.395	11.3546b	mg/L	0.067022	0.6	451779	11.3546 mg/L	Y 371.029
Fe 234.350	34.9431b	mg/L	0.296213	0.8	235800	34.9431 mg/L	Y 371.029
Fe 238.204	35.1298b	mg/L	0.210536	0.6	487319	35.1298 mg/L	Y 371.029
Fe 259.940	35.3475b	mg/L	0.204621	0.6	436463	35.3475 mg/L	Y 371.029
Ga 287.423	0.138601b	mg/L	0.002257	1.6	500.704	0.138601 mg/L	Y 371.029
Ga 294.363	-0.017457b	mg/L	0.000669	3.8	28.8620	-0.017457 mg/L	Y 371.029
Ga 417.204	-0.010418b	mg/L	0.000613	5.9	118.141	-0.010418 mg/L	Y 371.029
K 766.491	6.34166b	mg/L	0.015398	0.2	372590	6.34166 mg/L	Y 371.029
K 769.897	6.06917b	mg/L	0.013595	0.2	306245	6.06917 mg/L	Y 371.029
Li 610.365	0.001273n	mg/L	0.000464	36.5	39.5276	0.001273 mg/L	Y 371.029
Li 670.783	-0.010245b	mg/L	0.000014	0.1	46297.2	-0.010245 mg/L	Y 371.029
Mg 279.078	5.87345b	mg/L	0.006049	0.1	6525.44	5.87345 mg/L	Y 371.029
Mg 280.270	6.01384b	mg/L	0.044983	0.7	468816	6.01384 mg/L	Y 371.029
Mg 285.213	6.73809b	mg/L	0.053084	0.8	190789	6.73809 mg/L	Y 371.029
Mn 257.610	0.425523nb	mg/L	0.002906	0.7	48536.7	0.425523 mg/L	Y 371.029
Mn 259.372	0.424583b	mg/L	0.003505	0.8	40580.5	0.424583 mg/L	Y 371.029
Mn 260.568	0.429100b	mg/L	0.000693	0.2	6524.51	0.429100 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Mo 202.032	-0.952334b	mg/L	0.000627	0.1	24.2499	-0.952334	mg/L	Y 371.029
Mo 203.846	-0.989428b	mg/L	0.000978	0.1	12.8544	-0.989428	mg/L	Y 371.029
Mo 204.598	-1.00698b	mg/L	0.000184	0.0	10.6924	-1.00698	mg/L	Y 371.029
Na 568.821	-xb	mg/L	2.10620	0.1	548842	-	mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.988406	1.4	27417670	-	mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.14737	0.9	25383104	-	mg/L	Y 371.029
Ni 216.555	0.008126b	mg/L	0.001223	15.1	71.2859	0.008126	mg/L	Y 371.029
Ni 221.648	-0.004767b	mg/L	0.000951	20.0	22.6805	-0.004767	mg/L	Y 371.029
Ni 231.604	0.012179b	mg/L	0.001351	11.1	46.4443	0.012179	mg/L	Y 371.029
P 177.434	0.882655b	mg/L	0.006006	0.7	91.6605	0.882655	mg/L	Y 371.029
P 213.618	0.858075b	mg/L	0.029717	3.5	441.087	0.858075	mg/L	Y 371.029
P 214.914	1.09500b	mg/L	0.007130	0.7	135.919	1.09500	mg/L	Y 371.029
Pb 220.353	0.238077b	mg/L	0.001257	0.5	178.206	0.238077	mg/L	Y 371.029
Pb 261.417	-0.281660b	mg/L	0.008236	2.9	40.2703	-0.281660	mg/L	Y 371.029
Pb 405.781	0.082471b	mg/L	0.007766	9.4	307.447	0.082471	mg/L	Y 371.029
Sb 206.834	-0.148783uvb	mg/L	0.002667	1.8	6.01512	-0.148783	mg/L	Y 371.029
Sb 231.146	0.142438uvb	mg/L	0.004380	3.1	4.12678	0.142438	mg/L	Y 371.029
Sb 259.804	0.064777uvb	mg/L	0.016462	25.4	7.48734	0.064777	mg/L	Y 371.029
Se 196.026	0.038027uvb	mg/L	0.002107	5.5	2.06851	0.038027	mg/L	Y 371.029
Se 203.985	0.113109b	mg/L	0.018713	16.5	2.77875	0.113109	mg/L	Y 371.029
Si 250.690	2.85333b	mg/L	0.007207	0.3	3130.89	2.85333	mg/L	Y 371.029
Si 251.611	2.90813b	mg/L	0.012416	0.4	3483.18	2.90813	mg/L	Y 371.029
Si 288.158	3.01679b	mg/L	0.029347	1.0	18380.8	3.01679	mg/L	Y 371.029
Sn 189.927	0.096694b	mg/L	0.002758	2.9	27.5366	0.096694	mg/L	Y 371.029
Sn 283.998	0.023720b	mg/L	0.001664	7.0	135.360	0.023720	mg/L	Y 371.029
Sr 216.596	0.070552b	mg/L	0.000612	0.9	443.034	0.070552	mg/L	Y 371.029
Sr 407.771	0.059168b	mg/L	0.000312	0.5	185000	0.059168	mg/L	Y 371.029
Sr 421.552	0.058783b	mg/L	0.000225	0.4	122884	0.058783	mg/L	Y 371.029
Ti 334.941	0.007443b	mg/L	0.000622	8.4	1671.07	0.007443	mg/L	Y 371.029
Ti 336.122	0.005563b	mg/L	0.000726	13.1	668.377	0.005563	mg/L	Y 371.029
Ti 337.280	0.003313b	mg/L	0.000961	29.0	237.677	0.003313	mg/L	Y 371.029
Tl 190.794	-0.070229uvb	mg/L	0.000791	1.1	0.971729	-0.070229	mg/L	Y 371.029
Tl 190.807	-0.045536b	mg/L	0.002253	4.9	1.45923	-0.045536	mg/L	Y 371.029
Tl 351.923	0.062624uvb	mg/L	0.003257	5.2	8.99692	0.062624	mg/L	Y 371.029
V 268.796	-0.127188b	mg/L	0.000207	0.2	61.7540	-0.127188	mg/L	Y 371.029
V 292.401	-0.000395b	mg/L	0.000185	46.8	148.527	-0.000395	mg/L	Y 371.029
V 311.837	-0.000010b	mg/L	0.000121	1266.9	120.874	-0.000010	mg/L	Y 371.029
Zn 202.548	0.343273b	mg/L	0.002106	0.6	2904.97	0.343273	mg/L	Y 371.029
Zn 206.200	0.291110b	mg/L	0.005922	2.0	837.202	0.291110	mg/L	Y 371.029
Zn 213.857	0.306045b	mg/L	0.002529	0.8	6522.25	0.306045	mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.572841	6866.63	12.914	0.2
Y 371.029	0.945928	154185	536.646	0.3

11C1220-02 (Samp) **3/22/2011, 3:51:00 PM** **Rack 1, Tube 41**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.034474b	mg/L	0.000109	0.3	199.356	-0.034474 mg/L	Y 371.029
Ag 338.289	0.001174b	mg/L	0.000484	41.2	4.69933	0.001174 mg/L	Y 371.029
Al 237.312	-0.026051b	mg/L	0.002724	10.5	116.157	-0.026051 mg/L	Y 371.029
Al 257.509	-0.220769b	mg/L	0.016598	7.5	57.2259	-0.220769 mg/L	Y 371.029
Al 308.215	0.328572b	mg/L	0.001613	0.5	1605.94	0.328572 mg/L	Y 371.029
As 188.980	0.121427b	mg/L	0.001565	1.3	8.46038	0.121427 mg/L	Y 371.029
As 193.696	-0.026263b	mg/L	0.002197	8.4	6.36684	-0.026263 mg/L	Y 371.029
As 228.812	0.081982b	mg/L	0.001488	1.8	11.0507	0.081982 mg/L	Y 371.029
B 182.577	0.047435b	mg/L	0.001954	4.1	18.3034	0.047435 mg/L	Y 371.029
B 249.678	0.005950b	mg/L	0.000493	8.3	252.440	0.005950 mg/L	Y 371.029
B 249.772	0.018478b	mg/L	0.000227	1.2	499.830	0.018478 mg/L	Y 371.029
Ba 233.527	0.003226b	mg/L	0.000184	5.7	322.796	0.003226 mg/L	Y 371.029
Ba 455.403	0.006613b	mg/L	0.000020	0.3	8805.92	0.006613 mg/L	Y 371.029
Ba 493.408	0.004677b	mg/L	0.000005	0.1	5793.55	0.004677 mg/L	Y 371.029
Be 234.861	-0.000098b	mg/L	0.000012	12.0	1.92108	-0.000098 mg/L	Y 371.029
Be 313.042	0.000214uvb	mg/L	0.000009	4.2	395.461	0.000214 mg/L	Y 371.029
Be 313.107	-0.000036b	mg/L	0.000002	6.2	13.9193	-0.000036 mg/L	Y 371.029
Ca 393.366	12.0409b	mg/L	0.027331	0.2	15514461	12.0409 mg/L	Y 371.029
Ca 396.847	13.9457b	mg/L	0.022356	0.2	29617968	13.9457 mg/L	Y 371.029
Ca 430.253	19.1367b	mg/L	0.016997	0.1	69791.5	19.1367 mg/L	Y 371.029
Cd 214.439	0.000188b	mg/L	0.000228	121.6	4.60754	0.000188 mg/L	Y 371.029
Cd 226.502	-0.000842b	mg/L	0.000045	5.4	23.3794	-0.000842 mg/L	Y 371.029
Cd 228.802	0.000242uvb	mg/L	0.000091	37.6	9.03627	0.000242 mg/L	Y 371.029
Co 228.615	0.010728b	mg/L	0.000224	2.1	6.47505	0.010728 mg/L	Y 371.029
Co 230.786	0.009435b	mg/L	0.000567	6.0	12.0090	0.009435 mg/L	Y 371.029
Co 238.892	-0.008753uvb	mg/L	0.000511	5.8	3.16718	-0.008753 mg/L	Y 371.029
Cr 205.560	-0.001627b	mg/L	0.000157	9.6	11.6830	-0.001627 mg/L	Y 371.029
Cr 206.158	-0.006857b	mg/L	0.000372	5.4	5.30467	-0.006857 mg/L	Y 371.029
Cr 267.716	-0.000202b	mg/L	0.000371	183.6	74.6973	-0.000202 mg/L	Y 371.029
Cu 213.598	10.5893b	mg/L	0.045795	0.4	24708.3	10.5893 mg/L	Y 371.029
Cu 324.754	10.4504b	mg/L	0.093910	0.9	307957	10.4504 mg/L	Y 371.029
Cu 327.395	10.3752b	mg/L	0.105431	1.0	412693	10.3752 mg/L	Y 371.029
Fe 234.350	6.25871b	mg/L	0.033928	0.5	42963.2	6.25871 mg/L	Y 371.029
Fe 238.204	6.24592b	mg/L	0.062704	1.0	88526.7	6.24592 mg/L	Y 371.029
Fe 259.940	6.26038b	mg/L	0.041540	0.7	78903.3	6.26038 mg/L	Y 371.029
Ga 287.423	0.003941b	mg/L	0.002779	70.5	92.0644	0.003941 mg/L	Y 371.029
Ga 294.363	-0.018776b	mg/L	0.000426	2.3	14.5200	-0.018776 mg/L	Y 371.029
Ga 417.204	-0.013385b	mg/L	0.000713	5.3	56.3283	-0.013385 mg/L	Y 371.029
K 766.491	5.95455b	mg/L	0.003475	0.1	350095	5.95455 mg/L	Y 371.029
K 769.897	5.68855b	mg/L	0.004588	0.1	287848	5.68855 mg/L	Y 371.029
Li 610.365	0.001138n	mg/L	0.000299	26.3	35.0299	0.001138 mg/L	Y 371.029
Li 670.783	-0.009845b	mg/L	0.000007	0.1	45568.5	-0.009845 mg/L	Y 371.029
Mg 279.078	5.19257b	mg/L	0.003755	0.1	5766.14	5.19257 mg/L	Y 371.029
Mg 280.270	5.36866b	mg/L	0.031007	0.6	418634	5.36866 mg/L	Y 371.029
Mg 285.213	5.91013b	mg/L	0.090606	1.5	167436	5.91013 mg/L	Y 371.029
Mn 257.610	0.268362nb	mg/L	0.004252	1.6	30469.3	0.268362 mg/L	Y 371.029
Mn 259.372	0.259054b	mg/L	0.004215	1.6	23986.8	0.259054 mg/L	Y 371.029
Mn 260.568	0.269701b	mg/L	0.000403	0.1	4107.26	0.269701 mg/L	Y 371.029
Mo 202.032	-0.914449b	mg/L	0.000608	0.1	18.6722	-0.914449 mg/L	Y 371.029
Mo 203.846	-0.949085b	mg/L	0.000255	0.0	10.5185	-0.949085 mg/L	Y 371.029
Mo 204.598	-0.965842b	mg/L	0.000313	0.0	8.13534	-0.965842 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Na 568.821	-xb	mg/L	2.23895	0.1	525182	-	mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.752678	1.1	28058858	-	mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.913711	0.7	25262242	-	mg/L	Y 371.029
Ni 216.555	0.011226b	mg/L	0.002579	23.0	37.0355	0.011226	mg/L	Y 371.029
Ni 221.648	0.000949b	mg/L	0.000809	85.3	12.9175	0.000949	mg/L	Y 371.029
Ni 231.604	0.016256b	mg/L	0.000434	2.7	27.5290	0.016256	mg/L	Y 371.029
P 177.434	0.668969b	mg/L	0.002045	0.3	68.7294	0.668969	mg/L	Y 371.029
P 213.618	0.625101b	mg/L	0.013659	2.2	337.764	0.625101	mg/L	Y 371.029
P 214.914	0.857809b	mg/L	0.017454	2.0	106.995	0.857809	mg/L	Y 371.029
Pb 220.353	0.181116b	mg/L	0.001647	0.9	136.888	0.181116	mg/L	Y 371.029
Pb 261.417	-0.256359b	mg/L	0.010065	3.9	44.8769	-0.256359	mg/L	Y 371.029
Pb 405.781	0.055123b	mg/L	0.005945	10.8	269.556	0.055123	mg/L	Y 371.029
Sb 206.834	-0.140354b	mg/L	0.001252	0.9	6.15937	-0.140354	mg/L	Y 371.029
Sb 231.146	0.134233uvb	mg/L	0.002066	1.5	3.49451	0.134233	mg/L	Y 371.029
Sb 259.804	0.108220b	mg/L	0.003966	3.7	4.88179	0.108220	mg/L	Y 371.029
Se 196.026	0.040459b	mg/L	0.003171	7.8	3.09587	0.040459	mg/L	Y 371.029
Se 203.985	0.102638b	mg/L	0.002466	2.4	2.34588	0.102638	mg/L	Y 371.029
Si 250.690	2.50304b	mg/L	0.001737	0.1	2756.49	2.50304	mg/L	Y 371.029
Si 251.611	2.53238b	mg/L	0.003158	0.1	3050.97	2.53238	mg/L	Y 371.029
Si 288.158	2.62362b	mg/L	0.019516	0.7	16069.5	2.62362	mg/L	Y 371.029
Sn 189.927	0.088877b	mg/L	0.003914	4.4	25.5600	0.088877	mg/L	Y 371.029
Sn 283.998	0.021850b	mg/L	0.002341	10.7	125.708	0.021850	mg/L	Y 371.029
Sr 216.596	0.053953b	mg/L	0.000692	1.3	339.332	0.053953	mg/L	Y 371.029
Sr 407.771	0.046987b	mg/L	0.000555	1.2	151259	0.046987	mg/L	Y 371.029
Sr 421.552	0.047161b	mg/L	0.000277	0.6	101323	0.047161	mg/L	Y 371.029
Ti 334.941	0.001703b	mg/L	0.000126	7.4	364.049	0.001703	mg/L	Y 371.029
Ti 336.122	0.000029b	mg/L	0.000064	223.5	131.933	0.000029	mg/L	Y 371.029
Ti 337.280	-0.002327b	mg/L	0.000119	5.1	49.4024	-0.002327	mg/L	Y 371.029
Tl 190.794	-0.059943uvb	mg/L	0.003090	5.2	2.73968	-0.059943	mg/L	Y 371.029
Tl 190.807	-0.043297uvb	mg/L	0.004540	10.5	1.49588	-0.043297	mg/L	Y 371.029
Tl 351.923	0.054568uvb	mg/L	0.000930	1.7	1.26881	0.054568	mg/L	Y 371.029
V 268.796	-0.120825b	mg/L	0.000201	0.2	52.2247	-0.120825	mg/L	Y 371.029
V 292.401	0.000922b	mg/L	0.000051	5.6	114.318	0.000922	mg/L	Y 371.029
V 311.837	0.001582b	mg/L	0.000062	3.9	98.8265	0.001582	mg/L	Y 371.029
Zn 202.548	0.168312b	mg/L	0.000598	0.4	2038.54	0.168312	mg/L	Y 371.029
Zn 206.200	0.122999b	mg/L	0.002101	1.7	562.891	0.122999	mg/L	Y 371.029
Zn 213.857	0.128722b	mg/L	0.002015	1.6	4336.91	0.128722	mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.569471	6826.23	18.966	0.3
Y 371.029	0.936761	152690	255.942	0.2

11C1255-31 (Samp) **3/22/2011, 3:54:55 PM** **Rack 1, Tube 42**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Ag 328.068	-0.001458	mg/L	0.000115	7.9	188.176	-0.001458	mg/L	Y 371.029
Ag 338.289	0.001591	mg/L	0.000533	33.5	2.64358	0.001591	mg/L	Y 371.029
Al 237.312	0.011844uv	mg/L	0.002891	24.4	27.3545	0.011844	mg/L	Y 371.029
Al 257.509	-0.005745	mg/L	0.001801	31.3	19.3078	-0.005745	mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.030815	mg/L	0.000807	2.6	1225.06	0.030815 mg/L	Y 371.029
As 188.980	0.007277uv	mg/L	0.005648	77.6	4.03918	0.007277 mg/L	Y 371.029
As 193.696	-0.003381uv	mg/L	0.005764	170.5	2.19124	-0.003381 mg/L	Y 371.029
As 228.812	0.013738uv	mg/L	0.005631	41.0	8.93488	0.013738 mg/L	Y 371.029
B 182.577	0.090846	mg/L	0.002539	2.8	34.9986	0.090846 mg/L	Y 371.029
B 249.678	0.188189	mg/L	0.000943	0.5	1515.00	0.188189 mg/L	Y 371.029
B 249.772	-0.000735	mg/L	0.000853	116.0	1618.96	-0.000735 mg/L	Y 371.029
Ba 233.527	0.028758	mg/L	0.000118	0.4	1054.06	0.028758 mg/L	Y 371.029
Ba 455.403	0.027574	mg/L	0.000059	0.2	29276.2	0.027574 mg/L	Y 371.029
Ba 493.408	0.027502	mg/L	0.000045	0.2	19430.3	0.027502 mg/L	Y 371.029
Be 234.861	-0.005486uv	mg/L	0.000640	11.7	-480.355	-0.005486 mg/L	Y 371.029
Be 313.042	0.000058	mg/L	0.000007	12.8	469.037	0.000058 mg/L	Y 371.029
Be 313.107	0.000061	mg/L	0.000014	23.1	46.2803	0.000061 mg/L	Y 371.029
Ca 393.366	12.8806	mg/L	0.018635	0.1	16519419	12.8806 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.206571	1.4	32234074	- mg/L	Y 371.029
Ca 430.253	19.4512	mg/L	0.059054	0.3	67601.2	19.4512 mg/L	Y 371.029
Cd 214.439	0.000326	mg/L	0.000042	12.8	9.86718	0.000326 mg/L	Y 371.029
Cd 226.502	0.004389	mg/L	0.000208	4.7	223.558	0.004389 mg/L	Y 371.029
Cd 228.802	0.000166uv	mg/L	0.000323	194.5	6.52760	0.000166 mg/L	Y 371.029
Co 228.615	-0.027120	mg/L	0.000063	0.2	1.88055	-0.027120 mg/L	Y 371.029
Co 230.786	-0.024918	mg/L	0.000370	1.5	40.2224	-0.024918 mg/L	Y 371.029
Co 238.892	-0.078400uv	mg/L	0.018040	23.0	-607.745	-0.078400 mg/L	Y 371.029
Cr 205.560	-0.010106	mg/L	0.000310	3.1	3.91665	-0.010106 mg/L	Y 371.029
Cr 206.158	-0.010720	mg/L	0.000520	4.9	1.37855	-0.010720 mg/L	Y 371.029
Cr 267.716	-0.010330	mg/L	0.000049	0.5	20.1792	-0.010330 mg/L	Y 371.029
Cu 213.598	0.033318	mg/L	0.000544	1.6	162.081	0.033318 mg/L	Y 371.029
Cu 324.754	-0.011818uv	mg/L	0.000197	1.7	303.094	-0.011818 mg/L	Y 371.029
Cu 327.395	-0.016032uv	mg/L	0.000160	1.0	7.21748	-0.016032 mg/L	Y 371.029
Fe 234.350	123.452	mg/L	0.827884	0.7	829852	123.452 mg/L	Y 371.029
Fe 238.204	117.804	mg/L	0.384118	0.3	1626272	117.804 mg/L	Y 371.029
Fe 259.940	118.762	mg/L	0.606748	0.5	1459553	118.762 mg/L	Y 371.029
Ga 287.423	0.539040	mg/L	0.002008	0.4	1682.87	0.539040 mg/L	Y 371.029
Ga 294.363	0.008540	mg/L	0.002035	23.8	67.7300	0.008540 mg/L	Y 371.029
Ga 417.204	0.014248	mg/L	0.000254	1.8	287.674	0.014248 mg/L	Y 371.029
K 766.491	3.30040	mg/L	0.005192	0.2	189768	3.30040 mg/L	Y 371.029
K 769.897	3.27645	mg/L	0.004856	0.1	155958	3.27645 mg/L	Y 371.029
Li 610.365	0.003054n	mg/L	0.000214	7.0	99.1702	0.003054 mg/L	Y 371.029
Li 670.783	0.007414	mg/L	0.000088	1.2	60812.8	0.007414 mg/L	Y 371.029
Mg 279.078	21.5207	mg/L	0.047764	0.2	23790.7	21.5207 mg/L	Y 371.029
Mg 280.270	19.6353	mg/L	0.022100	0.1	1524993	19.6353 mg/L	Y 371.029
Mg 285.213	21.7405	mg/L	0.075121	0.3	609341	21.7405 mg/L	Y 371.029
Mn 257.610	3.12081n	mg/L	0.013618	0.4	357331	3.12081 mg/L	Y 371.029
Mn 259.372	3.15847	mg/L	0.013653	0.4	284670	3.15847 mg/L	Y 371.029
Mn 260.568	3.15646	mg/L	0.015036	0.5	47684.7	3.15646 mg/L	Y 371.029
Mo 202.032	-0.042240uv	mg/L	0.000385	0.9	5.92378	-0.042240 mg/L	Y 371.029
Mo 203.846	-0.047474uv	mg/L	0.002234	4.7	3.75743	-0.047474 mg/L	Y 371.029
Mo 204.598	-0.046103	mg/L	0.000789	1.7	5.29671	-0.046103 mg/L	Y 371.029
Na 568.821	118.415	mg/L	0.120263	0.1	28121.5	118.415 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.185768	0.3	28971616	- mg/L	Y 371.029
Na 589.592	-o	mg/L	0.800618	0.7	22368688	- mg/L	Y 371.029
Ni 216.555	-0.042593	mg/L	0.000949	2.2	53.2612	-0.042593 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.052670	mg/L	0.000228	0.4	5.37607	-0.052670 mg/L	Y 371.029
Ni 231.604	-0.052870	mg/L	0.000294	0.6	4.91415	-0.052870 mg/L	Y 371.029
P 177.434	0.972696	mg/L	0.007905	0.8	106.432	0.972696 mg/L	Y 371.029
P 213.618	0.934825	mg/L	0.004279	0.5	404.159	0.934825 mg/L	Y 371.029
P 214.914	0.958636	mg/L	0.020038	2.1	115.678	0.958636 mg/L	Y 371.029
Pb 220.353	0.008514	mg/L	0.003297	38.7	7.31608	0.008514 mg/L	Y 371.029
Pb 261.417	0.001981	mg/L	0.012281	619.8	9.60685	0.001981 mg/L	Y 371.029
Pb 405.781	-0.036155uv	mg/L	0.012590	34.8	25.4155	-0.036155 mg/L	Y 371.029
Sb 206.834	-0.013869uv	mg/L	0.002554	18.4	6.01838	-0.013869 mg/L	Y 371.029
Sb 231.146	0.028273	mg/L	0.006865	24.3	13.7979	0.028273 mg/L	Y 371.029
Sb 259.804	-0.146650	mg/L	0.110095	75.1	30.0159	-0.146650 mg/L	Y 371.029
Se 196.026	-0.000364uv	mg/L	0.000389	106.9	1.19953	-0.000364 mg/L	Y 371.029
Se 203.985	0.016754uv	mg/L	0.004665	27.8	1.44424	0.016754 mg/L	Y 371.029
Si 250.690	23.5745	mg/L	0.176314	0.7	24650.2	23.5745 mg/L	Y 371.029
Si 251.611	24.1644	mg/L	0.148693	0.6	27217.7	24.1644 mg/L	Y 371.029
Si 288.158	23.4961	mg/L	0.149215	0.6	139097	23.4961 mg/L	Y 371.029
Sn 189.927	0.001044uv	mg/L	0.008026	769.0	3.17427	0.001044 mg/L	Y 371.029
Sn 283.998	-0.007324	mg/L	0.003588	49.0	9.90276	-0.007324 mg/L	Y 371.029
Sr 216.596	0.116765	mg/L	0.000763	0.7	721.088	0.116765 mg/L	Y 371.029
Sr 407.771	0.098980	mg/L	0.000573	0.6	281452	0.098980 mg/L	Y 371.029
Sr 421.552	0.098722	mg/L	0.000495	0.5	186842	0.098722 mg/L	Y 371.029
Ti 334.941	-0.003110	mg/L	0.000043	1.4	101.448	-0.003110 mg/L	Y 371.029
Ti 336.122	-0.003103uv	mg/L	0.000120	3.9	34.6985	-0.003103 mg/L	Y 371.029
Ti 337.280	-0.002780	mg/L	0.000014	0.5	15.4539	-0.002780 mg/L	Y 371.029
Tl 190.794	-0.006479uv	mg/L	0.003217	49.7	2.52868	-0.006479 mg/L	Y 371.029
Tl 190.807	0.006273	mg/L	0.002992	47.7	1.89003	0.006273 mg/L	Y 371.029
Tl 351.923	0.004371uv	mg/L	0.003744	85.6	7.74697	0.004371 mg/L	Y 371.029
V 268.796	-0.012876uv	mg/L	0.000307	2.4	23.9731	-0.012876 mg/L	Y 371.029
V 292.401	-0.005564	mg/L	0.000178	3.2	152.332	-0.005564 mg/L	Y 371.029
V 311.837	-0.008600	mg/L	0.000029	0.3	4.45473	-0.008600 mg/L	Y 371.029
Zn 202.548	-0.007095	mg/L	0.000759	10.7	350.968	-0.007095 mg/L	Y 371.029
Zn 206.200	-0.005300	mg/L	0.000579	10.9	117.833	-0.005300 mg/L	Y 371.029
Zn 213.857	-0.003982	mg/L	0.000465	11.7	971.622	-0.003982 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.612257	7339.11	13.872	0.2
Y 371.029	1.01792	165919	174.140	0.1

1113057-DUP1 (Samp) **3/22/2011, 3:59:01 PM** **Rack 1, Tube 43**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001329	mg/L	0.000068	5.1	194.622	-0.001329 mg/L	Y 371.029
Ag 338.289	0.000995	mg/L	0.000712	71.5	1.02619	0.000995 mg/L	Y 371.029
Al 237.312	0.007173uv	mg/L	0.001170	16.3	21.8940	0.007173 mg/L	Y 371.029
Al 257.509	-0.009861uv	mg/L	0.003656	37.1	17.3061	-0.009861 mg/L	Y 371.029
Al 308.215	0.016637uv	mg/L	0.001345	8.1	1153.76	0.016637 mg/L	Y 371.029
As 188.980	0.009257	mg/L	0.002925	31.6	4.48433	0.009257 mg/L	Y 371.029
As 193.696	-0.004906uv	mg/L	0.001719	35.0	1.76338	-0.004906 mg/L	Y 371.029
As 228.812	0.016059	mg/L	0.003831	23.9	11.6120	0.016059 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.092857	mg/L	0.003956	4.3	35.7021	0.092857 mg/L	Y 371.029
B 249.678	0.027535	mg/L	0.000312	1.1	265.773	0.027535 mg/L	Y 371.029
B 249.772	-0.000697	mg/L	0.001110	159.3	1638.15	-0.000697 mg/L	Y 371.029
Ba 233.527	0.029775	mg/L	0.000056	0.2	1085.42	0.029775 mg/L	Y 371.029
Ba 455.403	0.028371	mg/L	0.000033	0.1	29996.0	0.028371 mg/L	Y 371.029
Ba 493.408	0.028160	mg/L	0.000241	0.9	19821.7	0.028160 mg/L	Y 371.029
Be 234.861	-0.007862uv	mg/L	0.000348	4.4	-695.889	-0.007862 mg/L	Y 371.029
Be 313.042	0.000036	mg/L	0.000007	20.7	439.299	0.000036 mg/L	Y 371.029
Be 313.107	0.000069	mg/L	0.000002	2.7	51.9748	0.000069 mg/L	Y 371.029
Ca 393.366	12.9947	mg/L	0.046483	0.4	16665684	12.9947 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.175757	1.2	32337592	- mg/L	Y 371.029
Ca 430.253	19.6370	mg/L	0.036787	0.2	68242.3	19.6370 mg/L	Y 371.029
Cd 214.439	0.000330	mg/L	0.000057	17.3	9.96758	0.000330 mg/L	Y 371.029
Cd 226.502	0.005009	mg/L	0.000069	1.4	239.770	0.005009 mg/L	Y 371.029
Cd 228.802	0.000364uv	mg/L	0.000328	90.0	8.60250	0.000364 mg/L	Y 371.029
Co 228.615	-0.027608	mg/L	0.000125	0.5	0.889325	-0.027608 mg/L	Y 371.029
Co 230.786	-0.026126	mg/L	0.000501	1.9	36.5825	-0.026126 mg/L	Y 371.029
Co 238.892	-0.087049uv	mg/L	0.002625	3.0	-648.116	-0.087049 mg/L	Y 371.029
Cr 205.560	-0.010403	mg/L	0.000141	1.4	3.40064	-0.010403 mg/L	Y 371.029
Cr 206.158	-0.009242	mg/L	0.000817	8.8	3.35814	-0.009242 mg/L	Y 371.029
Cr 267.716	-0.010360	mg/L	0.000166	1.6	21.6714	-0.010360 mg/L	Y 371.029
Cu 213.598	0.032316	mg/L	0.001020	3.2	160.724	0.032316 mg/L	Y 371.029
Cu 324.754	-0.011980uv	mg/L	0.000194	1.6	301.342	-0.011980 mg/L	Y 371.029
Cu 327.395	-0.016252uv	mg/L	0.000106	0.7	5.84278	-0.016252 mg/L	Y 371.029
Fe 234.350	124.892	mg/L	1.74240	1.4	839536	124.892 mg/L	Y 371.029
Fe 238.204	119.149	mg/L	0.235488	0.2	1644844	119.149 mg/L	Y 371.029
Fe 259.940	120.101	mg/L	0.910891	0.8	1476013	120.101 mg/L	Y 371.029
Ga 287.423	0.540333	mg/L	0.000624	0.1	1693.14	0.540333 mg/L	Y 371.029
Ga 294.363	0.008742	mg/L	0.001516	17.3	68.9495	0.008742 mg/L	Y 371.029
Ga 417.204	0.013458	mg/L	0.000719	5.3	283.443	0.013458 mg/L	Y 371.029
K 766.491	3.32532	mg/L	0.005241	0.2	191191	3.32532 mg/L	Y 371.029
K 769.897	3.30340	mg/L	0.004560	0.1	157195	3.30340 mg/L	Y 371.029
Li 610.365	0.002864n	mg/L	0.000371	13.0	92.7993	0.002864 mg/L	Y 371.029
Li 670.783	0.007649	mg/L	0.000038	0.5	61416.0	0.007649 mg/L	Y 371.029
Mg 279.078	21.7875	mg/L	0.014014	0.1	24085.6	21.7875 mg/L	Y 371.029
Mg 280.270	19.9497	mg/L	0.081752	0.4	1549410	19.9497 mg/L	Y 371.029
Mg 285.213	22.0105	mg/L	0.258530	1.2	616908	22.0105 mg/L	Y 371.029
Mn 257.610	3.13697n	mg/L	0.008908	0.3	359184	3.13697 mg/L	Y 371.029
Mn 259.372	3.17572	mg/L	0.007342	0.2	286282	3.17572 mg/L	Y 371.029
Mn 260.568	3.18638	mg/L	0.005391	0.2	48137.0	3.18638 mg/L	Y 371.029
Mo 202.032	-0.042989uv	mg/L	0.000404	0.9	4.66239	-0.042989 mg/L	Y 371.029
Mo 203.846	-0.047173uv	mg/L	0.000606	1.3	4.55052	-0.047173 mg/L	Y 371.029
Mo 204.598	-0.047008	mg/L	0.001347	2.9	4.53266	-0.047008 mg/L	Y 371.029
Na 568.821	119.324	mg/L	0.032678	0.0	28338.4	119.324 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.402815	0.6	29368358	- mg/L	Y 371.029
Na 589.592	-o	mg/L	1.55944	1.4	22766982	- mg/L	Y 371.029
Ni 216.555	-0.043499	mg/L	0.000455	1.0	52.5238	-0.043499 mg/L	Y 371.029
Ni 221.648	-0.054251	mg/L	0.001816	3.3	4.13820	-0.054251 mg/L	Y 371.029
Ni 231.604	-0.053768	mg/L	0.000780	1.5	4.30306	-0.053768 mg/L	Y 371.029
P 177.434	0.978644	mg/L	0.003174	0.3	107.079	0.978644 mg/L	Y 371.029
P 213.618	0.945061	mg/L	0.002036	0.2	408.536	0.945061 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.987029	mg/L	0.024454	2.5	118.953	0.987029 mg/L	Y 371.029
Pb 220.353	0.005987	mg/L	0.001978	33.0	5.50228	0.005987 mg/L	Y 371.029
Pb 261.417	0.000125	mg/L	0.007750	6219.0	8.85990	0.000125 mg/L	Y 371.029
Pb 405.781	-0.026621uv	mg/L	0.005440	20.4	36.0892	-0.026621 mg/L	Y 371.029
Sb 206.834	-0.015836uv	mg/L	0.006050	38.2	5.20605	-0.015836 mg/L	Y 371.029
Sb 231.146	0.016805	mg/L	0.007822	46.5	9.50709	0.016805 mg/L	Y 371.029
Sb 259.804	-0.051213	mg/L	0.080977	158.1	61.1493	-0.051213 mg/L	Y 371.029
Se 196.026	-0.000591uv	mg/L	0.006962	1178.5	1.14284	-0.000591 mg/L	Y 371.029
Se 203.985	0.011555uv	mg/L	0.002794	24.2	0.839690	0.011555 mg/L	Y 371.029
Si 250.690	23.7311	mg/L	0.134310	0.6	24813.9	23.7311 mg/L	Y 371.029
Si 251.611	24.3603	mg/L	0.140776	0.6	27438.0	24.3603 mg/L	Y 371.029
Si 288.158	23.7406	mg/L	0.137468	0.6	140537	23.7406 mg/L	Y 371.029
Sn 189.927	-0.005942uv	mg/L	0.002755	46.4	1.72801	-0.005942 mg/L	Y 371.029
Sn 283.998	-0.006572	mg/L	0.001224	18.6	11.6781	-0.006572 mg/L	Y 371.029
Sr 216.596	0.115857	mg/L	0.000252	0.2	717.828	0.115857 mg/L	Y 371.029
Sr 407.771	0.100165	mg/L	0.000852	0.9	284796	0.100165 mg/L	Y 371.029
Sr 421.552	0.099655	mg/L	0.000887	0.9	188648	0.099655 mg/L	Y 371.029
Ti 334.941	-0.003145	mg/L	0.000054	1.7	102.144	-0.003145 mg/L	Y 371.029
Ti 336.122	-0.003183	mg/L	0.000041	1.3	31.0133	-0.003183 mg/L	Y 371.029
Ti 337.280	-0.002720	mg/L	0.000049	1.8	18.3163	-0.002720 mg/L	Y 371.029
Tl 190.794	-0.006406uv	mg/L	0.003715	58.0	2.56351	-0.006406 mg/L	Y 371.029
Tl 190.807	0.005933	mg/L	0.001468	24.7	1.84632	0.005933 mg/L	Y 371.029
Tl 351.923	0.002844uv	mg/L	0.001193	42.0	5.39617	0.002844 mg/L	Y 371.029
V 268.796	-0.013208uv	mg/L	0.000162	1.2	22.8984	-0.013208 mg/L	Y 371.029
V 292.401	-0.005708	mg/L	0.000268	4.7	151.989	-0.005708 mg/L	Y 371.029
V 311.837	-0.008625	mg/L	0.000056	0.7	7.35850	-0.008625 mg/L	Y 371.029
Zn 202.548	-0.007719	mg/L	0.000386	5.0	348.619	-0.007719 mg/L	Y 371.029
Zn 206.200	-0.005829	mg/L	0.001046	17.9	117.188	-0.005829 mg/L	Y 371.029
Zn 213.857	-0.004569	mg/L	0.000164	3.6	966.806	-0.004569 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.608895	7298.81	45.371	0.6
Y 371.029	1.00722	164175	945.833	0.6

SEQ-CCV4 (Samp) **3/22/2011, 4:12:22 PM** **Rack 1, Tube 44**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099305	mg/L	0.000184	0.2	4491.55	0.099305 mg/L	Y 371.029
Ag 338.289	0.098295	mg/L	0.000597	0.6	259.560	0.098295 mg/L	Y 371.029
Al 237.312	2.45618	mg/L	0.009374	0.4	2757.15	2.45618 mg/L	Y 371.029
Al 257.509	2.45603	mg/L	0.025448	1.0	1238.35	2.45603 mg/L	Y 371.029
Al 308.215	2.51363	mg/L	0.004748	0.2	13782.0	2.51363 mg/L	Y 371.029
As 188.980	0.510235	mg/L	0.011479	2.2	120.114	0.510235 mg/L	Y 371.029
As 193.696	0.497355	mg/L	0.005997	1.2	143.999	0.497355 mg/L	Y 371.029
As 228.812	0.556977	mg/L	0.002971	0.5	884.259	0.556977 mg/L	Y 371.029
B 182.577	0.473040	mg/L	0.008369	1.8	166.846	0.473040 mg/L	Y 371.029
B 249.678	0.482377	mg/L	0.006374	1.3	3771.45	0.482377 mg/L	Y 371.029
B 249.772	0.476049	mg/L	0.007676	1.6	6871.00	0.476049 mg/L	Y 371.029
Ba 233.527	0.509350	mg/L	0.003095	0.6	15669.2	0.509350 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.482034	mg/L	0.001134	0.2	438548	0.482034 mg/L	Y 371.029
Ba 493.408	0.491698	mg/L	0.000453	0.1	292078	0.491698 mg/L	Y 371.029
Be 234.861	0.509372	mg/L	0.002004	0.4	46252.4	0.509372 mg/L	Y 371.029
Be 313.042	0.513727	mg/L	0.002539	0.5	683177	0.513727 mg/L	Y 371.029
Be 313.107	0.513584	mg/L	0.002599	0.5	341295	0.513584 mg/L	Y 371.029
Ca 393.366	4.01983	mg/L	0.007113	0.2	5166148	4.01983 mg/L	Y 371.029
Ca 396.847	4.27670	mg/L	0.009425	0.2	9073066	4.27670 mg/L	Y 371.029
Ca 430.253	4.91468	mg/L	0.004979	0.1	17361.0	4.91468 mg/L	Y 371.029
Cd 214.439	0.261626	mg/L	0.002268	0.9	2843.58	0.261626 mg/L	Y 371.029
Cd 226.502	0.261488	mg/L	0.001023	0.4	6348.54	0.261488 mg/L	Y 371.029
Cd 228.802	0.255763	mg/L	0.000498	0.2	2776.85	0.255763 mg/L	Y 371.029
Co 228.615	0.514902	mg/L	0.002851	0.6	3210.02	0.514902 mg/L	Y 371.029
Co 230.786	0.517322	mg/L	0.001535	0.3	2296.01	0.517322 mg/L	Y 371.029
Co 238.892	0.514320	mg/L	0.002314	0.4	2214.06	0.514320 mg/L	Y 371.029
Cr 205.560	0.510127	mg/L	0.001382	0.3	1516.17	0.510127 mg/L	Y 371.029
Cr 206.158	0.507434	mg/L	0.001740	0.3	626.136	0.507434 mg/L	Y 371.029
Cr 267.716	0.511219	mg/L	0.002654	0.5	8494.82	0.511219 mg/L	Y 371.029
Cu 213.598	0.526828	mg/L	0.004673	0.9	1230.56	0.526828 mg/L	Y 371.029
Cu 324.754	0.488565	mg/L	0.000500	0.1	14825.8	0.488565 mg/L	Y 371.029
Cu 327.395	0.484806	mg/L	0.000102	0.0	19284.2	0.484806 mg/L	Y 371.029
Fe 234.350	0.513605	mg/L	0.003135	0.6	3567.91	0.513605 mg/L	Y 371.029
Fe 238.204	0.508426	mg/L	0.006885	1.4	7183.33	0.508426 mg/L	Y 371.029
Fe 259.940	0.508581	mg/L	0.003674	0.7	6396.48	0.508581 mg/L	Y 371.029
Ga 287.423	0.494606	mg/L	0.001126	0.2	938.605	0.494606 mg/L	Y 371.029
Ga 294.363	0.496239	mg/L	0.001314	0.3	2542.25	0.496239 mg/L	Y 371.029
Ga 417.204	0.492530	mg/L	0.001698	0.3	3896.00	0.492530 mg/L	Y 371.029
K 766.491	4.95681	mg/L	0.009521	0.2	283061	4.95681 mg/L	Y 371.029
K 769.897	5.01351	mg/L	0.008901	0.2	233499	5.01351 mg/L	Y 371.029
Li 610.365	1.08812n	mg/L	0.001678	0.2	36418.4	1.08812 mg/L	Y 371.029
Li 670.783	1.05168	mg/L	0.001578	0.2	2567576	1.05168 mg/L	Y 371.029
Mg 279.078	5.19867	mg/L	0.016826	0.3	5752.82	5.19867 mg/L	Y 371.029
Mg 280.270	5.15669	mg/L	0.076496	1.5	400662	5.15669 mg/L	Y 371.029
Mg 285.213	5.29342	mg/L	0.023907	0.5	148447	5.29342 mg/L	Y 371.029
Mn 257.610	0.502128n	mg/L	0.004673	0.9	57953.5	0.502128 mg/L	Y 371.029
Mn 259.372	0.506368	mg/L	0.004455	0.9	44598.5	0.506368 mg/L	Y 371.029
Mn 260.568	0.510437	mg/L	0.006781	1.3	7722.05	0.510437 mg/L	Y 371.029
Mo 202.032	1.06273	mg/L	0.008085	0.8	3016.77	1.06273 mg/L	Y 371.029
Mo 203.846	1.05888	mg/L	0.013782	1.3	1285.61	1.05888 mg/L	Y 371.029
Mo 204.598	1.04668	mg/L	0.013445	1.3	1487.51	1.04668 mg/L	Y 371.029
Na 568.821	4.88915	mg/L	0.120493	2.5	1052.64	4.88915 mg/L	Y 371.029
Na 588.995	5.51508	mg/L	0.013869	0.3	2410133	5.51508 mg/L	Y 371.029
Na 589.592	5.11427	mg/L	0.012363	0.2	1189557	5.11427 mg/L	Y 371.029
Ni 216.555	1.03143	mg/L	0.003723	0.4	3417.57	1.03143 mg/L	Y 371.029
Ni 221.648	1.03347	mg/L	0.005071	0.5	1374.67	1.03347 mg/L	Y 371.029
Ni 231.604	1.04050	mg/L	0.002922	0.3	2417.25	1.04050 mg/L	Y 371.029
P 177.434	0.518941	mg/L	0.013568	2.6	57.0723	0.518941 mg/L	Y 371.029
P 213.618	0.511777	mg/L	0.007086	1.4	220.824	0.511777 mg/L	Y 371.029
P 214.914	0.511337	mg/L	0.005933	1.2	61.0789	0.511337 mg/L	Y 371.029
Pb 220.353	1.02415	mg/L	0.003426	0.3	737.994	1.02415 mg/L	Y 371.029
Pb 261.417	0.993677	mg/L	0.008013	0.8	412.425	0.993677 mg/L	Y 371.029
Pb 405.781	0.992398	mg/L	0.004752	0.5	1143.77	0.992398 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.931070	mg/L	0.009933	1.1	430.061	0.931070 mg/L	Y 371.029
Sb 231.146	0.915043	mg/L	0.010447	1.1	349.893	0.915043 mg/L	Y 371.029
Sb 259.804	0.856435	mg/L	0.002953	0.3	274.107	0.856435 mg/L	Y 371.029
Se 196.026	1.02607	mg/L	0.021848	2.1	201.079	1.02607 mg/L	Y 371.029
Se 203.985	1.00797	mg/L	0.019633	1.9	119.115	1.00797 mg/L	Y 371.029
Si 250.690	1.01973	mg/L	0.002475	0.2	1114.57	1.01973 mg/L	Y 371.029
Si 251.611	1.03050	mg/L	0.003676	0.4	1229.76	1.03050 mg/L	Y 371.029
Si 288.158	1.02137	mg/L	0.003527	0.3	6814.55	1.02137 mg/L	Y 371.029
Sn 189.927	1.05893	mg/L	0.004307	0.4	222.748	1.05893 mg/L	Y 371.029
Sn 283.998	1.03162	mg/L	0.005052	0.5	1495.96	1.03162 mg/L	Y 371.029
Sr 216.596	0.517102	mg/L	0.001698	0.3	2679.67	0.517102 mg/L	Y 371.029
Sr 407.771	0.478832	mg/L	0.004228	0.9	1211848	0.478832 mg/L	Y 371.029
Sr 421.552	0.480116	mg/L	0.002410	0.5	807713	0.480116 mg/L	Y 371.029
Ti 334.941	0.497054	mg/L	0.003840	0.8	99984.4	0.497054 mg/L	Y 371.029
Ti 336.122	0.505265	mg/L	0.002907	0.6	42977.4	0.505265 mg/L	Y 371.029
Ti 337.280	0.500988	mg/L	0.003084	0.6	14402.0	0.500988 mg/L	Y 371.029
Tl 190.794	0.509085	mg/L	0.001973	0.4	133.305	0.509085 mg/L	Y 371.029
Tl 190.807	0.504443	mg/L	0.002405	0.5	67.2019	0.504443 mg/L	Y 371.029
Tl 351.923	0.504895	mg/L	0.004222	0.8	767.820	0.504895 mg/L	Y 371.029
V 268.796	0.488410	mg/L	0.001610	0.3	4432.61	0.488410 mg/L	Y 371.029
V 292.401	0.504346	mg/L	0.002406	0.5	12381.8	0.504346 mg/L	Y 371.029
V 311.837	0.507560	mg/L	0.000624	0.1	17658.0	0.507560 mg/L	Y 371.029
Zn 202.548	0.540658	mg/L	0.003656	0.7	2845.15	0.540658 mg/L	Y 371.029
Zn 206.200	0.535168	mg/L	0.002529	0.5	939.629	0.535168 mg/L	Y 371.029
Zn 213.857	0.510169	mg/L	0.008421	1.7	6807.90	0.510169 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.616385	7388.58	13.415	0.2
Y 371.029	1.02224	166624	558.035	0.3

SEQ-CCB4 (Samp) **3/22/2011, 4:07:22 PM** **Rack 1, Tube 45**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000939	mg/L	0.000176	18.7	189.633	0.000939 mg/L	Y 371.029
Ag 338.289	0.001529	mg/L	0.000734	48.0	1.91914	0.001529 mg/L	Y 371.029
Al 237.312	0.000547uv	mg/L	0.001351	247.0	38.8543	0.000547 mg/L	Y 371.029
Al 257.509	-0.003019uv	mg/L	0.008269	273.9	15.2414	-0.003019 mg/L	Y 371.029
Al 308.215	-0.007922uv	mg/L	0.000710	9.0	1119.23	-0.007922 mg/L	Y 371.029
As 188.980	0.005900	mg/L	0.002959	50.1	4.76238	0.005900 mg/L	Y 371.029
As 193.696	-0.001068uv	mg/L	0.002653	248.4	2.34382	-0.001068 mg/L	Y 371.029
As 228.812	0.003003	mg/L	0.000970	32.3	7.68564	0.003003 mg/L	Y 371.029
B 182.577	0.006311	mg/L	0.002229	35.3	5.08114	0.006311 mg/L	Y 371.029
B 249.678	0.007089	mg/L	0.001367	19.3	72.4796	0.007089 mg/L	Y 371.029
B 249.772	0.006750	mg/L	0.001320	19.6	127.566	0.006750 mg/L	Y 371.029
Ba 233.527	0.000167	mg/L	0.000064	38.7	149.969	0.000167 mg/L	Y 371.029
Ba 455.403	-0.000104uv	mg/L	0.000015	14.2	4232.71	-0.000104 mg/L	Y 371.029
Ba 493.408	-0.000115uv	mg/L	0.000009	7.5	2784.39	-0.000115 mg/L	Y 371.029
Be 234.861	0.000015	mg/L	0.000022	145.5	-0.664055	0.000015 mg/L	Y 371.029
Be 313.042	0.000008	mg/L	0.000004	57.4	426.631	0.000008 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000039	mg/L	0.000003	8.5	27.1738	0.000039 mg/L	Y 371.029
Ca 393.366	0.002854	mg/L	0.000113	3.9	18472.7	0.002854 mg/L	Y 371.029
Ca 396.847	0.002830	mg/L	0.000049	1.7	30944.5	0.002830 mg/L	Y 371.029
Ca 430.253	0.009686	mg/L	0.001282	13.2	521.990	0.009686 mg/L	Y 371.029
Cd 214.439	0.000125	mg/L	0.000094	74.6	2.59605	0.000125 mg/L	Y 371.029
Cd 226.502	-0.000075uv	mg/L	0.000019	25.4	12.5825	-0.000075 mg/L	Y 371.029
Cd 228.802	-0.000007uv	mg/L	0.000207	2830.4	10.4984	-0.000007 mg/L	Y 371.029
Co 228.615	0.000980	mg/L	0.000143	14.6	2.86422	0.000980 mg/L	Y 371.029
Co 230.786	-0.000045uv	mg/L	0.000066	144.3	4.85828	-0.000045 mg/L	Y 371.029
Co 238.892	0.000214	mg/L	0.000183	85.7	2.33493	0.000214 mg/L	Y 371.029
Cr 205.560	0.000118uv	mg/L	0.000356	301.0	2.49382	0.000118 mg/L	Y 371.029
Cr 206.158	0.001096	mg/L	0.000755	68.9	1.79452	0.001096 mg/L	Y 371.029
Cr 267.716	0.000218uv	mg/L	0.000280	128.7	18.3582	0.000218 mg/L	Y 371.029
Cu 213.598	0.000544uv	mg/L	0.000504	92.5	1.34040	0.000544 mg/L	Y 371.029
Cu 324.754	-0.000983uv	mg/L	0.000194	19.8	388.352	-0.000983 mg/L	Y 371.029
Cu 327.395	0.000300	mg/L	0.000268	89.3	21.4808	0.000300 mg/L	Y 371.029
Fe 234.350	0.004633	mg/L	0.001493	32.2	44.1688	0.004633 mg/L	Y 371.029
Fe 238.204	0.005331	mg/L	0.001432	26.9	85.4310	0.005331 mg/L	Y 371.029
Fe 259.940	0.005040	mg/L	0.001609	31.9	83.5400	0.005040 mg/L	Y 371.029
Ga 287.423	0.000485uv	mg/L	0.001556	321.1	7.02142	0.000485 mg/L	Y 371.029
Ga 294.363	0.000750	mg/L	0.000600	80.1	10.1276	0.000750 mg/L	Y 371.029
Ga 417.204	0.001040uv	mg/L	0.001105	106.2	46.3139	0.001040 mg/L	Y 371.029
K 766.491	-0.000247uv	mg/L	0.000086	34.7	1525.13	-0.000247 mg/L	Y 371.029
K 769.897	0.008711	mg/L	0.000490	5.6	5989.16	0.008711 mg/L	Y 371.029
Li 610.365	0.000547n	mg/L	0.000063	11.5	15.2448	0.000547 mg/L	Y 371.029
Li 670.783	0.000421	mg/L	0.000006	1.5	40115.7	0.000421 mg/L	Y 371.029
Mg 279.078	0.000207uv	mg/L	0.002483	1201.8	11.0207	0.000207 mg/L	Y 371.029
Mg 280.270	0.000268	mg/L	0.000138	51.6	248.216	0.000268 mg/L	Y 371.029
Mg 285.213	-0.000022uv	mg/L	0.000102	454.0	79.8712	-0.000022 mg/L	Y 371.029
Mn 257.610	0.000290n	mg/L	0.000030	10.3	6.58330	0.000290 mg/L	Y 371.029
Mn 259.372	0.000199	mg/L	0.000046	23.1	27.9792	0.000199 mg/L	Y 371.029
Mn 260.568	0.000156	mg/L	0.000025	15.9	4.46410	0.000156 mg/L	Y 371.029
Mo 202.032	0.017451	mg/L	0.002391	13.7	56.2508	0.017451 mg/L	Y 371.029
Mo 203.846	0.015465	mg/L	0.002226	14.4	22.6668	0.015465 mg/L	Y 371.029
Mo 204.598	0.016631	mg/L	0.003112	18.7	25.7731	0.016631 mg/L	Y 371.029
Na 568.821	0.934884	mg/L	0.020153	2.2	114.059	0.934884 mg/L	Y 371.029
Na 588.995	-0.252040uv	mg/L	0.000462	0.2	112849	-0.252040 mg/L	Y 371.029
Na 589.592	-0.496609uv	mg/L	0.000807	0.2	49438.1	-0.496609 mg/L	Y 371.029
Ni 216.555	0.001212	mg/L	0.000285	23.5	3.68188	0.001212 mg/L	Y 371.029
Ni 221.648	0.000707	mg/L	0.000372	52.7	2.26381	0.000707 mg/L	Y 371.029
Ni 231.604	0.000047uv	mg/L	0.000668	1408.2	1.86388	0.000047 mg/L	Y 371.029
P 177.434	-0.001963uv	mg/L	0.002342	119.3	1.59462	-0.001963 mg/L	Y 371.029
P 213.618	-0.001458uv	mg/L	0.000495	33.9	3.00931	-0.001458 mg/L	Y 371.029
P 214.914	-0.004472uv	mg/L	0.002609	58.4	1.50342	-0.004472 mg/L	Y 371.029
Pb 220.353	0.004307	mg/L	0.000924	21.5	3.69635	0.004307 mg/L	Y 371.029
Pb 261.417	0.002045uv	mg/L	0.003086	150.9	3.22560	0.002045 mg/L	Y 371.029
Pb 405.781	0.005046	mg/L	0.006295	124.8	53.0405	0.005046 mg/L	Y 371.029
Sb 206.834	0.030585	mg/L	0.000484	1.6	18.8621	0.030585 mg/L	Y 371.029
Sb 231.146	0.025462	mg/L	0.001824	7.2	14.9336	0.025462 mg/L	Y 371.029
Sb 259.804	0.028702	mg/L	0.001810	6.3	11.2198	0.028702 mg/L	Y 371.029
Se 196.026	0.011915	mg/L	0.003719	31.2	4.65498	0.011915 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.019036	mg/L	0.008009	42.1	3.29882	0.019036 mg/L	Y 371.029
Si 250.690	0.006225	mg/L	0.001504	24.2	50.5362	0.006225 mg/L	Y 371.029
Si 251.611	0.004741	mg/L	0.002530	53.4	54.6747	0.004741 mg/L	Y 371.029
Si 288.158	-0.001413uv	mg/L	0.000232	16.4	791.997	-0.001413 mg/L	Y 371.029
Sn 189.927	-0.001184uv	mg/L	0.002283	192.9	1.79466	-0.001184 mg/L	Y 371.029
Sn 283.998	0.001656uv	mg/L	0.001122	67.7	6.31304	0.001656 mg/L	Y 371.029
Sr 216.596	0.000581	mg/L	0.000089	15.3	14.2703	0.000581 mg/L	Y 371.029
Sr 407.771	-0.000028uv	mg/L	0.000014	50.1	5357.24	-0.000028 mg/L	Y 371.029
Sr 421.552	-0.000019uv	mg/L	0.000021	111.4	3449.41	-0.000019 mg/L	Y 371.029
Ti 334.941	0.000618	mg/L	0.000190	30.8	176.925	0.000618 mg/L	Y 371.029
Ti 336.122	0.000581	mg/L	0.000182	31.4	74.6891	0.000581 mg/L	Y 371.029
Ti 337.280	0.000882	mg/L	0.000237	26.8	21.2884	0.000882 mg/L	Y 371.029
Tl 190.794	-0.000647uv	mg/L	0.001149	177.7	1.93207	-0.000647 mg/L	Y 371.029
Tl 190.807	-0.000210uv	mg/L	0.001018	483.8	1.09801	-0.000210 mg/L	Y 371.029
Tl 351.923	0.000833uv	mg/L	0.003125	375.2	9.59049	0.000833 mg/L	Y 371.029
V 268.796	0.001469	mg/L	0.000310	21.1	32.4990	0.001469 mg/L	Y 371.029
V 292.401	0.000062	mg/L	0.000035	57.1	13.9909	0.000062 mg/L	Y 371.029
V 311.837	0.000750	mg/L	0.000099	13.2	4.84904	0.000750 mg/L	Y 371.029
Zn 202.548	0.003814	mg/L	0.000427	11.2	339.126	0.003814 mg/L	Y 371.029
Zn 206.200	0.003971	mg/L	0.000622	15.7	112.495	0.003971 mg/L	Y 371.029
Zn 213.857	0.000295	mg/L	0.000378	128.2	810.639	0.000295 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.612913	7346.97	20.380	0.3
Y 371.029	1.02246	166660	193.852	0.1

1113057-MS1 (Samp) **3/22/2011, 4:23:10 PM** **Rack 1, Tube 46**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.549537	mg/L	0.002279	0.4	24255.2	0.549537 mg/L	Y 371.029
Ag 338.289	0.529036	mg/L	0.001617	0.3	1420.54	0.529036 mg/L	Y 371.029
Al 237.312	4.96281	mg/L	0.015734	0.3	5506.68	4.96281 mg/L	Y 371.029
Al 257.509	4.99974	mg/L	0.010271	0.2	2508.75	4.99974 mg/L	Y 371.029
Al 308.215	5.40865	mg/L	0.008103	0.1	28141.0	5.40865 mg/L	Y 371.029
As 188.980	1.06874	mg/L	0.006915	0.6	246.729	1.06874 mg/L	Y 371.029
As 193.696	1.04234	mg/L	0.004194	0.4	299.391	1.04234 mg/L	Y 371.029
As 228.812	1.95314	mg/L	0.023616	1.2	3217.58	1.95314 mg/L	Y 371.029
B 182.577	1.08341	mg/L	0.011236	1.0	379.058	1.08341 mg/L	Y 371.029
B 249.678	1.04075	mg/L	0.011206	1.1	8155.33	1.04075 mg/L	Y 371.029
B 249.772	0.977515	mg/L	0.011005	1.1	15704.0	0.977515 mg/L	Y 371.029
Ba 233.527	1.07939	mg/L	0.005874	0.5	33075.7	1.07939 mg/L	Y 371.029
Ba 455.403	1.02504	mg/L	0.000759	0.1	927811	1.02504 mg/L	Y 371.029
Ba 493.408	1.01818	mg/L	0.001611	0.2	602174	1.01818 mg/L	Y 371.029
Be 234.861	1.03556	mg/L	0.000912	0.1	94055.4	1.03556 mg/L	Y 371.029
Be 313.042	1.06923	mg/L	0.002602	0.2	1421466	1.06923 mg/L	Y 371.029
Be 313.107	1.06981	mg/L	0.002390	0.2	710929	1.06981 mg/L	Y 371.029
Ca 393.366	17.2770	mg/L	0.040016	0.2	22156190	17.2770 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.099338	0.6	36701348	- mg/L	Y 371.029
Ca 430.253	29.8311	mg/L	0.095131	0.3	103241	29.8311 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	1.04402	mg/L	0.017215	1.6	11348.8	1.04402 mg/L	Y 371.029
Cd 226.502	1.05843	mg/L	0.003111	0.3	25754.4	1.05843 mg/L	Y 371.029
Cd 228.802	1.03023	mg/L	0.009444	0.9	11146.1	1.03023 mg/L	Y 371.029
Co 228.615	1.02254	mg/L	0.005774	0.6	6553.63	1.02254 mg/L	Y 371.029
Co 230.786	1.02420	mg/L	0.005462	0.5	4685.05	1.02420 mg/L	Y 371.029
Co 238.892	0.680019	mg/L	0.021208	3.1	2650.37	0.680019 mg/L	Y 371.029
Cr 205.560	1.02746	mg/L	0.001906	0.2	3083.72	1.02746 mg/L	Y 371.029
Cr 206.158	1.03536	mg/L	0.005601	0.5	1291.49	1.03536 mg/L	Y 371.029
Cr 267.716	1.02917	mg/L	0.002462	0.2	17265.6	1.02917 mg/L	Y 371.029
Cu 213.598	1.09340	mg/L	0.006596	0.6	2635.50	1.09340 mg/L	Y 371.029
Cu 324.754	0.997876	mg/L	0.003804	0.4	30083.9	0.997876 mg/L	Y 371.029
Cu 327.395	1.01359	mg/L	0.003008	0.3	40952.3	1.01359 mg/L	Y 371.029
Fe 234.350	126.337	mg/L	0.162165	0.1	849419	126.337 mg/L	Y 371.029
Fe 238.204	119.923	mg/L	0.339869	0.3	1655828	119.923 mg/L	Y 371.029
Fe 259.940	120.847	mg/L	0.912058	0.8	1485564	120.847 mg/L	Y 371.029
Ga 287.423	1.59800	mg/L	0.006368	0.4	3688.59	1.59800 mg/L	Y 371.029
Ga 294.363	1.03363	mg/L	0.002040	0.2	5305.74	1.03363 mg/L	Y 371.029
Ga 417.204	1.03773	mg/L	0.002127	0.2	8306.19	1.03773 mg/L	Y 371.029
K 766.491	13.6652	mg/L	0.038109	0.3	778420	13.6652 mg/L	Y 371.029
K 769.897	14.2487	mg/L	0.057876	0.4	654670	14.2487 mg/L	Y 371.029
Li 610.365	1.12948n	mg/L	0.001753	0.2	37802.8	1.12948 mg/L	Y 371.029
Li 670.783	1.12458	mg/L	0.004120	0.4	2747343	1.12458 mg/L	Y 371.029
Mg 279.078	31.7469	mg/L	0.050600	0.2	35086.9	31.7469 mg/L	Y 371.029
Mg 280.270	27.8807	mg/L	0.103972	0.4	2165306	27.8807 mg/L	Y 371.029
Mg 285.213	31.6744	mg/L	0.192712	0.6	887821	31.6744 mg/L	Y 371.029
Mn 257.610	4.04638n	mg/L	0.017597	0.4	464308	4.04638 mg/L	Y 371.029
Mn 259.372	4.12204	mg/L	0.009706	0.2	369413	4.12204 mg/L	Y 371.029
Mn 260.568	4.16277	mg/L	0.017070	0.4	62906.8	4.16277 mg/L	Y 371.029
Mo 202.032	0.984347	mg/L	0.010110	1.0	2921.59	0.984347 mg/L	Y 371.029
Mo 203.846	0.981544	mg/L	0.015768	1.6	1252.94	0.981544 mg/L	Y 371.029
Mo 204.598	0.972423	mg/L	0.017254	1.8	1454.97	0.972423 mg/L	Y 371.029
Na 568.821	127.887	mg/L	0.414447	0.3	30370.5	127.887 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.122310	0.2	29423038	- mg/L	Y 371.029
Na 589.592	-o	mg/L	2.74383	2.3	24101374	- mg/L	Y 371.029
Ni 216.555	1.00374	mg/L	0.002844	0.3	3525.07	1.00374 mg/L	Y 371.029
Ni 221.648	0.977612	mg/L	0.011075	1.1	1376.19	0.977612 mg/L	Y 371.029
Ni 231.604	1.00387	mg/L	0.004433	0.4	2461.19	1.00387 mg/L	Y 371.029
P 177.434	2.02821	mg/L	0.006063	0.3	218.856	2.02821 mg/L	Y 371.029
P 213.618	1.99604	mg/L	0.007321	0.4	854.238	1.99604 mg/L	Y 371.029
P 214.914	2.01037	mg/L	0.008654	0.4	236.552	2.01037 mg/L	Y 371.029
Pb 220.353	1.04285	mg/L	0.005901	0.6	752.002	1.04285 mg/L	Y 371.029
Pb 261.417	0.280174	mg/L	0.010024	3.6	123.965	0.280174 mg/L	Y 371.029
Pb 405.781	0.958093	mg/L	0.013767	1.4	1124.14	0.958093 mg/L	Y 371.029
Sb 206.834	1.13624	mg/L	0.003531	0.3	533.901	1.13624 mg/L	Y 371.029
Sb 231.146	1.19268	mg/L	0.009500	0.8	452.931	1.19268 mg/L	Y 371.029
Sb 259.804	0.267665	mg/L	0.077863	29.1	163.626	0.267665 mg/L	Y 371.029
Se 196.026	1.02576	mg/L	0.025465	2.5	200.041	1.02576 mg/L	Y 371.029
Se 203.985	1.07135	mg/L	0.021933	2.0	127.871	1.07135 mg/L	Y 371.029
Si 250.690	24.2048	mg/L	0.043388	0.2	25323.1	24.2048 mg/L	Y 371.029
Si 251.611	24.8162	mg/L	0.043611	0.2	27978.1	24.8162 mg/L	Y 371.029
Si 288.158	24.2178	mg/L	0.233182	1.0	143357	24.2178 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	1.06109	mg/L	0.007650	0.7	224.235	1.06109 mg/L	Y 371.029
Sn 283.998	1.07828	mg/L	0.005224	0.5	1808.23	1.07828 mg/L	Y 371.029
Sr 216.596	1.23158	mg/L	0.003702	0.3	6472.52	1.23158 mg/L	Y 371.029
Sr 407.771	1.11401	mg/L	0.008104	0.7	2837885	1.11401 mg/L	Y 371.029
Sr 421.552	1.12476	mg/L	0.003633	0.3	1904829	1.12476 mg/L	Y 371.029
Ti 334.941	1.02423	mg/L	0.005346	0.5	206656	1.02423 mg/L	Y 371.029
Ti 336.122	1.02491	mg/L	0.005063	0.5	87426.8	1.02491 mg/L	Y 371.029
Ti 337.280	1.03467	mg/L	0.002624	0.3	29847.1	1.03467 mg/L	Y 371.029
Tl 190.794	1.02495	mg/L	0.004827	0.5	268.430	1.02495 mg/L	Y 371.029
Tl 190.807	1.02421	mg/L	0.004467	0.4	134.374	1.02421 mg/L	Y 371.029
Tl 351.923	1.03282	mg/L	0.000727	0.1	1554.43	1.03282 mg/L	Y 371.029
V 268.796	0.937530	mg/L	0.002842	0.3	8009.75	0.937530 mg/L	Y 371.029
V 292.401	1.03510	mg/L	0.002518	0.2	25680.6	1.03510 mg/L	Y 371.029
V 311.837	1.02807	mg/L	0.001664	0.2	36117.5	1.02807 mg/L	Y 371.029
Zn 202.548	1.07601	mg/L	0.006987	0.6	5407.91	1.07601 mg/L	Y 371.029
Zn 206.200	1.07758	mg/L	0.005290	0.5	1803.79	1.07758 mg/L	Y 371.029
Zn 213.857	1.04340	mg/L	0.012879	1.2	13260.4	1.04340 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.605741	7261.00	31.667	0.4
Y 371.029	1.01327	165161	824.879	0.5

1113057-MSD1 (Samp) **3/22/2011, 4:27:23 PM** **Rack 1, Tube 47**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.552672	mg/L	0.000285	0.1	24393.1	0.552672 mg/L	Y 371.029
Ag 338.289	0.534545	mg/L	0.002316	0.4	1435.35	0.534545 mg/L	Y 371.029
Al 237.312	4.95718	mg/L	0.032905	0.7	5500.39	4.95718 mg/L	Y 371.029
Al 257.509	5.04529	mg/L	0.020231	0.4	2531.44	5.04529 mg/L	Y 371.029
Al 308.215	5.45335	mg/L	0.003713	0.1	28366.5	5.45335 mg/L	Y 371.029
As 188.980	1.08442	mg/L	0.005930	0.5	250.305	1.08442 mg/L	Y 371.029
As 193.696	1.05789	mg/L	0.004032	0.4	303.815	1.05789 mg/L	Y 371.029
As 228.812	1.98840	mg/L	0.028811	1.4	3263.73	1.98840 mg/L	Y 371.029
B 182.577	1.11214	mg/L	0.012103	1.1	389.010	1.11214 mg/L	Y 371.029
B 249.678	1.06296	mg/L	0.004389	0.4	8328.23	1.06296 mg/L	Y 371.029
B 249.772	0.999954	mg/L	0.005092	0.5	16036.1	0.999954 mg/L	Y 371.029
Ba 233.527	1.09158	mg/L	0.005267	0.5	33447.3	1.09158 mg/L	Y 371.029
Ba 455.403	1.03526	mg/L	0.000928	0.1	937010	1.03526 mg/L	Y 371.029
Ba 493.408	1.02849	mg/L	0.003982	0.4	608237	1.02849 mg/L	Y 371.029
Be 234.861	1.04191	mg/L	0.003493	0.3	94632.6	1.04191 mg/L	Y 371.029
Be 313.042	1.08427	mg/L	0.008194	0.8	1441452	1.08427 mg/L	Y 371.029
Be 313.107	1.08555	mg/L	0.008354	0.8	721389	1.08555 mg/L	Y 371.029
Ca 393.366	17.3624	mg/L	0.012311	0.1	22265870	17.3624 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.055917	0.3	36702600	- mg/L	Y 371.029
Ca 430.253	30.0434	mg/L	0.020491	0.1	103972	30.0434 mg/L	Y 371.029
Cd 214.439	1.06184	mg/L	0.021467	2.0	11542.5	1.06184 mg/L	Y 371.029
Cd 226.502	1.06907	mg/L	0.001160	0.1	26012.8	1.06907 mg/L	Y 371.029
Cd 228.802	1.03715	mg/L	0.015104	1.5	11220.9	1.03715 mg/L	Y 371.029
Co 228.615	1.03244	mg/L	0.001973	0.2	6616.42	1.03244 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	1.03344	mg/L	0.003375	0.3	4726.85	1.03344 mg/L	Y 371.029
Co 238.892	0.758310	mg/L	0.013492	1.8	2985.21	0.758310 mg/L	Y 371.029
Cr 205.560	1.03639	mg/L	0.004759	0.5	3110.40	1.03639 mg/L	Y 371.029
Cr 206.158	1.04487	mg/L	0.004033	0.4	1303.29	1.04487 mg/L	Y 371.029
Cr 267.716	1.03880	mg/L	0.001488	0.1	17426.3	1.03880 mg/L	Y 371.029
Cu 213.598	1.10313	mg/L	0.003712	0.3	2658.85	1.10313 mg/L	Y 371.029
Cu 324.754	1.00884	mg/L	0.004288	0.4	30408.7	1.00884 mg/L	Y 371.029
Cu 327.395	1.01829	mg/L	0.003423	0.3	41143.1	1.01829 mg/L	Y 371.029
Fe 234.350	127.123	mg/L	0.055511	0.0	854703	127.123 mg/L	Y 371.029
Fe 238.204	121.542	mg/L	1.70457	1.4	1678179	121.542 mg/L	Y 371.029
Fe 259.940	122.335	mg/L	0.821668	0.7	1503863	122.335 mg/L	Y 371.029
Ga 287.423	1.61732	mg/L	0.002368	0.1	3728.97	1.61732 mg/L	Y 371.029
Ga 294.363	1.04248	mg/L	0.000402	0.0	5351.14	1.04248 mg/L	Y 371.029
Ga 417.204	1.04595	mg/L	0.002311	0.2	8371.55	1.04595 mg/L	Y 371.029
K 766.491	13.7987	mg/L	0.023685	0.2	786001	13.7987 mg/L	Y 371.029
K 769.897	14.4060	mg/L	0.033562	0.2	661832	14.4060 mg/L	Y 371.029
Li 610.365	1.14288n	mg/L	0.001338	0.1	38251.6	1.14288 mg/L	Y 371.029
Li 670.783	1.13764	mg/L	0.002239	0.2	2778767	1.13764 mg/L	Y 371.029
Mg 279.078	32.0380	mg/L	0.059661	0.2	35406.8	32.0380 mg/L	Y 371.029
Mg 280.270	28.1461	mg/L	0.143558	0.5	2185912	28.1461 mg/L	Y 371.029
Mg 285.213	32.3529	mg/L	0.446097	1.4	906764	32.3529 mg/L	Y 371.029
Mn 257.610	4.09676n	mg/L	0.031548	0.8	470069	4.09676 mg/L	Y 371.029
Mn 259.372	4.17047	mg/L	0.005974	0.1	373707	4.17047 mg/L	Y 371.029
Mn 260.568	4.18909	mg/L	0.012795	0.3	63304.6	4.18909 mg/L	Y 371.029
Mo 202.032	1.02108	mg/L	0.015646	1.5	3026.55	1.02108 mg/L	Y 371.029
Mo 203.846	1.02437	mg/L	0.014550	1.4	1305.20	1.02437 mg/L	Y 371.029
Mo 204.598	1.01134	mg/L	0.015118	1.5	1510.72	1.01134 mg/L	Y 371.029
Na 568.821	129.075	mg/L	0.205626	0.2	30653.5	129.075 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.087941	0.1	29411418	- mg/L	Y 371.029
Na 589.592	-o	mg/L	2.39360	2.0	23897552	- mg/L	Y 371.029
Ni 216.555	1.01021	mg/L	0.002112	0.2	3547.75	1.01021 mg/L	Y 371.029
Ni 221.648	0.989206	mg/L	0.002500	0.3	1392.06	0.989206 mg/L	Y 371.029
Ni 231.604	1.01354	mg/L	0.003534	0.3	2484.45	1.01354 mg/L	Y 371.029
P 177.434	2.05998	mg/L	0.008490	0.4	222.245	2.05998 mg/L	Y 371.029
P 213.618	2.01097	mg/L	0.002323	0.1	860.613	2.01097 mg/L	Y 371.029
P 214.914	2.02317	mg/L	0.013616	0.7	238.068	2.02317 mg/L	Y 371.029
Pb 220.353	1.05712	mg/L	0.005717	0.5	762.282	1.05712 mg/L	Y 371.029
Pb 261.417	0.287810	mg/L	0.023978	8.3	127.210	0.287810 mg/L	Y 371.029
Pb 405.781	0.979219	mg/L	0.002626	0.3	1147.59	0.979219 mg/L	Y 371.029
Sb 206.834	1.14055	mg/L	0.004155	0.4	535.921	1.14055 mg/L	Y 371.029
Sb 231.146	1.18946	mg/L	0.004536	0.4	451.748	1.18946 mg/L	Y 371.029
Sb 259.804	0.080760	mg/L	0.152265	188.5	104.800	0.080760 mg/L	Y 371.029
Se 196.026	1.05532	mg/L	0.015901	1.5	205.753	1.05532 mg/L	Y 371.029
Se 203.985	1.09344	mg/L	0.015869	1.5	130.439	1.09344 mg/L	Y 371.029
Si 250.690	24.4167	mg/L	0.024835	0.1	25544.0	24.4167 mg/L	Y 371.029
Si 251.611	25.0453	mg/L	0.010932	0.0	28236.1	25.0453 mg/L	Y 371.029
Si 288.158	24.6354	mg/L	0.079791	0.3	145813	24.6354 mg/L	Y 371.029
Sn 189.927	1.07758	mg/L	0.004603	0.4	227.677	1.07758 mg/L	Y 371.029
Sn 283.998	1.08832	mg/L	0.001754	0.2	1824.94	1.08832 mg/L	Y 371.029
Sr 216.596	1.24952	mg/L	0.007400	0.6	6564.27	1.24952 mg/L	Y 371.029
Sr 407.771	1.13281	mg/L	0.006737	0.6	2884658	1.13281 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	1.14248	mg/L	0.011413	1.0	1934124	1.14248 mg/L	Y 371.029
Ti 334.941	1.02707	mg/L	0.003117	0.3	207231	1.02707 mg/L	Y 371.029
Ti 336.122	1.02959	mg/L	0.003615	0.4	87826.2	1.02959 mg/L	Y 371.029
Ti 337.280	1.04312	mg/L	0.001720	0.2	30090.6	1.04312 mg/L	Y 371.029
Tl 190.794	1.03405	mg/L	0.003777	0.4	270.796	1.03405 mg/L	Y 371.029
Tl 190.807	1.02349	mg/L	0.008068	0.8	134.312	1.02349 mg/L	Y 371.029
Tl 351.923	1.04781	mg/L	0.001712	0.2	1576.88	1.04781 mg/L	Y 371.029
V 268.796	0.947046	mg/L	0.002034	0.2	8110.23	0.947046 mg/L	Y 371.029
V 292.401	1.04350	mg/L	0.001023	0.1	25888.2	1.04350 mg/L	Y 371.029
V 311.837	1.03658	mg/L	0.000729	0.1	36416.0	1.03658 mg/L	Y 371.029
Zn 202.548	1.08620	mg/L	0.000496	0.0	5455.95	1.08620 mg/L	Y 371.029
Zn 206.200	1.08998	mg/L	0.006054	0.6	1823.25	1.08998 mg/L	Y 371.029
Zn 213.857	1.05606	mg/L	0.032767	3.1	13410.3	1.05606 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.605267	7255.31	6.725	0.1
Y 371.029	1.01298	165114	236.385	0.1

1113057-SRD1 (Samp) **3/22/2011, 4:31:19 PM** **Rack 1, Tube 48**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000449	mg/L	0.000201	44.9	186.579	0.002244 mg/L	Y 371.029
Ag 338.289	0.000588	mg/L	0.000515	87.6	-0.524476	0.002939 mg/L	Y 371.029
Al 237.312	-0.002080uv	mg/L	0.003428	164.8	30.8099	-0.010400 mg/L	Y 371.029
Al 257.509	-0.005504uv	mg/L	0.004365	79.3	14.8632	-0.027519 mg/L	Y 371.029
Al 308.215	-0.005061uv	mg/L	0.001981	39.1	1118.87	-0.025304 mg/L	Y 371.029
As 188.980	0.008218	mg/L	0.000779	9.5	5.11883	0.041090 mg/L	Y 371.029
As 193.696	0.005328	mg/L	0.003625	68.0	4.24869	0.026639 mg/L	Y 371.029
As 228.812	0.006109	mg/L	0.001334	21.8	9.08149	0.030546 mg/L	Y 371.029
B 182.577	0.035745	mg/L	0.004847	13.6	15.4061	0.178726 mg/L	Y 371.029
B 249.678	0.025281	mg/L	0.004193	16.6	220.569	0.126406 mg/L	Y 371.029
B 249.772	0.017792	mg/L	0.004065	22.8	615.279	0.088962 mg/L	Y 371.029
Ba 233.527	0.005818	mg/L	0.000076	1.3	328.743	0.029090 mg/L	Y 371.029
Ba 455.403	0.005370	mg/L	0.000023	0.4	9187.31	0.026850 mg/L	Y 371.029
Ba 493.408	0.005307	mg/L	0.000012	0.2	6054.32	0.026533 mg/L	Y 371.029
Be 234.861	-0.000248uv	mg/L	0.000657	265.3	-20.4509	-0.001239 mg/L	Y 371.029
Be 313.042	-0.000023uv	mg/L	0.000005	24.1	381.406	-0.000114 mg/L	Y 371.029
Be 313.107	0.000050	mg/L	0.000001	2.0	35.2876	0.000251 mg/L	Y 371.029
Ca 393.366	3.13351	mg/L	0.041742	1.3	4029304	15.6676 mg/L	Y 371.029
Ca 396.847	3.27529	mg/L	0.000989	0.0	6955218	16.3764 mg/L	Y 371.029
Ca 430.253	3.77515	mg/L	0.001918	0.1	13512.3	18.8757 mg/L	Y 371.029
Cd 214.439	0.000039	mg/L	0.000078	199.6	2.70727	0.000195 mg/L	Y 371.029
Cd 226.502	0.000751	mg/L	0.000017	2.3	53.7310	0.003753 mg/L	Y 371.029
Cd 228.802	0.000016uv	mg/L	0.000317	2027.1	9.55540	0.000078 mg/L	Y 371.029
Co 228.615	-0.004903	mg/L	0.000177	3.6	2.20803	-0.024515 mg/L	Y 371.029
Co 230.786	-0.005482	mg/L	0.000304	5.5	10.8587	-0.027409 mg/L	Y 371.029
Co 238.892	-0.018053uv	mg/L	0.002407	13.3	-132.380	-0.090267 mg/L	Y 371.029
Cr 205.560	-0.001849	mg/L	0.000349	18.9	3.17761	-0.009243 mg/L	Y 371.029
Cr 206.158	-0.001315	mg/L	0.000591	44.9	1.71432	-0.006576 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	-0.001870	mg/L	0.000164	8.8	19.9774	-0.009352 mg/L	Y 371.029
Cu 213.598	0.005286	mg/L	0.000670	12.7	29.7271	0.026428 mg/L	Y 371.029
Cu 324.754	-0.003533uv	mg/L	0.000238	6.7	363.517	-0.017667 mg/L	Y 371.029
Cu 327.395	-0.002931uv	mg/L	0.000364	12.4	23.3616	-0.014653 mg/L	Y 371.029
Fe 234.350	25.4499	mg/L	0.167934	0.7	171070	127.250 mg/L	Y 371.029
Fe 238.204	25.4554	mg/L	0.058344	0.2	351411	127.277 mg/L	Y 371.029
Fe 259.940	25.6786	mg/L	0.093734	0.4	315604	128.393 mg/L	Y 371.029
Ga 287.423	0.100035	mg/L	0.001678	1.7	331.052	0.500174 mg/L	Y 371.029
Ga 294.363	0.002905	mg/L	0.000351	12.1	24.6348	0.014526 mg/L	Y 371.029
Ga 417.204	0.002956	mg/L	0.000419	14.2	90.0792	0.014780 mg/L	Y 371.029
K 766.491	0.616498	mg/L	0.001727	0.3	36696.3	3.08249 mg/L	Y 371.029
K 769.897	0.616042	mg/L	0.000865	0.1	33849.9	3.08021 mg/L	Y 371.029
Li 610.365	0.001168n	mg/L	0.000248	21.3	36.0215	0.005839 mg/L	Y 371.029
Li 670.783	0.002188	mg/L	0.000023	1.0	45102.3	0.010940 mg/L	Y 371.029
Mg 279.078	4.22951	mg/L	0.004131	0.1	4684.58	21.1475 mg/L	Y 371.029
Mg 280.270	4.22229	mg/L	0.018371	0.4	328102	21.1114 mg/L	Y 371.029
Mg 285.213	4.28428	mg/L	0.011349	0.3	120145	21.4214 mg/L	Y 371.029
Mn 257.610	0.616825n	mg/L	0.002116	0.3	70607.6	3.08413 mg/L	Y 371.029
Mn 259.372	0.624750	mg/L	0.003284	0.5	56395.2	3.12375 mg/L	Y 371.029
Mn 260.568	0.622800	mg/L	0.003734	0.6	9410.70	3.11400 mg/L	Y 371.029
Mo 202.032	0.021740	mg/L	0.004789	22.0	88.1591	0.108701 mg/L	Y 371.029
Mo 203.846	0.020580	mg/L	0.004830	23.5	38.5647	0.102898 mg/L	Y 371.029
Mo 204.598	0.019764	mg/L	0.005461	27.6	41.8527	0.098819 mg/L	Y 371.029
Na 568.821	21.2422	mg/L	0.052793	0.2	4955.59	106.211 mg/L	Y 371.029
Na 588.995	22.5086	mg/L	0.022048	0.1	9174644	112.543 mg/L	Y 371.029
Na 589.592	23.9352	mg/L	0.043133	0.2	5011367	119.676 mg/L	Y 371.029
Ni 216.555	-0.008465	mg/L	0.000554	6.5	11.7492	-0.042323 mg/L	Y 371.029
Ni 221.648	-0.010835	mg/L	0.000426	3.9	2.17238	-0.054175 mg/L	Y 371.029
Ni 231.604	-0.010757uv	mg/L	0.000474	4.4	2.75012	-0.053784 mg/L	Y 371.029
P 177.434	0.181950	mg/L	0.002785	1.5	21.4043	0.909749 mg/L	Y 371.029
P 213.618	0.170411	mg/L	0.001987	1.2	76.7156	0.852055 mg/L	Y 371.029
P 214.914	0.199767	mg/L	0.002842	1.4	25.6958	0.998837 mg/L	Y 371.029
Pb 220.353	0.002216	mg/L	0.001761	79.5	2.30089	0.011078 mg/L	Y 371.029
Pb 261.417	0.002117	mg/L	0.003206	151.5	4.28941	0.010583 mg/L	Y 371.029
Pb 405.781	-0.018099uv	mg/L	0.006739	37.2	30.8657	-0.090494 mg/L	Y 371.029
Sb 206.834	0.002715	mg/L	0.003987	146.8	7.62923	0.013576 mg/L	Y 371.029
Sb 231.146	0.001346uv	mg/L	0.002222	165.1	5.58931	0.006728 mg/L	Y 371.029
Sb 259.804	-0.020113	mg/L	0.017908	89.0	11.1449	-0.100566 mg/L	Y 371.029
Se 196.026	0.015678	mg/L	0.003364	21.5	5.16967	0.078388 mg/L	Y 371.029
Se 203.985	0.015816	mg/L	0.012101	76.5	2.61569	0.079082 mg/L	Y 371.029
Si 250.690	4.60878	mg/L	0.013896	0.3	4854.61	23.0439 mg/L	Y 371.029
Si 251.611	4.73643	mg/L	0.009390	0.2	5374.78	23.6821 mg/L	Y 371.029
Si 288.158	4.61258	mg/L	0.057316	1.2	27950.2	23.0629 mg/L	Y 371.029
Sn 189.927	0.000117uv	mg/L	0.003014	2570.8	2.24411	0.000586 mg/L	Y 371.029
Sn 283.998	-0.000638uv	mg/L	0.002171	340.4	6.33405	-0.003189 mg/L	Y 371.029
Sr 216.596	0.022445	mg/L	0.000282	1.3	148.818	0.112226 mg/L	Y 371.029
Sr 407.771	0.019638	mg/L	0.000188	1.0	60186.5	0.098192 mg/L	Y 371.029
Sr 421.552	0.019624	mg/L	0.000118	0.6	39918.5	0.098121 mg/L	Y 371.029
Ti 334.941	0.000622	mg/L	0.000358	57.6	316.440	0.003110 mg/L	Y 371.029
Ti 336.122	0.000404	mg/L	0.000292	72.1	115.736	0.002022 mg/L	Y 371.029
Ti 337.280	0.000818	mg/L	0.000676	82.7	39.7047	0.004091 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	-0.000558uv	mg/L	0.003125	560.3	2.35133	-0.002789 mg/L	Y 371.029
Tl 190.807	-0.001887uv	mg/L	0.001339	70.9	0.875762	-0.009435 mg/L	Y 371.029
Tl 351.923	-0.000918uv	mg/L	0.001945	211.9	5.65611	-0.004590 mg/L	Y 371.029
V 268.796	-0.000673	mg/L	0.000289	43.0	45.1476	-0.003366 mg/L	Y 371.029
V 292.401	-0.001320	mg/L	0.000319	24.2	36.9241	-0.006599 mg/L	Y 371.029
V 311.837	-0.001137	mg/L	0.000039	3.5	6.05514	-0.005686 mg/L	Y 371.029
Zn 202.548	0.003313	mg/L	0.000791	23.9	348.212	0.016563 mg/L	Y 371.029
Zn 206.200	0.004622	mg/L	0.000252	5.5	117.098	0.023110 mg/L	Y 371.029
Zn 213.857	0.001041	mg/L	0.000311	29.9	859.168	0.005207 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.623149	7469.67	70.843	0.9
Y 371.029	1.03543	168773	1337.348	0.8

11C1255-32 (Samp) **3/22/2011, 4:35:06 PM** **Rack 1, Tube 49**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000428	mg/L	0.000316	73.9	180.725	-0.000428 mg/L	Y 371.029
Ag 338.289	0.000719	mg/L	0.000290	40.3	-0.218494	0.000719 mg/L	Y 371.029
Al 237.312	0.998997	mg/L	0.000424	0.0	1150.11	0.998997 mg/L	Y 371.029
Al 257.509	0.978222	mg/L	0.016640	1.7	508.459	0.978222 mg/L	Y 371.029
Al 308.215	1.02571	mg/L	0.000363	0.0	6242.30	1.02571 mg/L	Y 371.029
As 188.980	0.005986	mg/L	0.000907	15.1	4.16286	0.005986 mg/L	Y 371.029
As 193.696	-0.000667uv	mg/L	0.002914	437.0	2.68284	-0.000667 mg/L	Y 371.029
As 228.812	0.006797	mg/L	0.000141	2.1	9.06165	0.006797 mg/L	Y 371.029
B 182.577	0.076902	mg/L	0.002340	3.0	29.7601	0.076902 mg/L	Y 371.029
B 249.678	0.019654	mg/L	0.000813	4.1	179.319	0.019654 mg/L	Y 371.029
B 249.772	0.018736	mg/L	0.000962	5.1	322.873	0.018736 mg/L	Y 371.029
Ba 233.527	0.014652	mg/L	0.000053	0.4	606.586	0.014652 mg/L	Y 371.029
Ba 455.403	0.014006	mg/L	0.000051	0.4	17272.1	0.014006 mg/L	Y 371.029
Ba 493.408	0.013861	mg/L	0.000040	0.3	11256.0	0.013861 mg/L	Y 371.029
Be 234.861	0.006682	mg/L	0.000012	0.2	605.857	0.006682 mg/L	Y 371.029
Be 313.042	0.007041	mg/L	0.000006	0.1	9772.96	0.007041 mg/L	Y 371.029
Be 313.107	0.007096	mg/L	0.000003	0.0	4723.31	0.007096 mg/L	Y 371.029
Ca 393.366	15.1387	mg/L	0.004728	0.0	19404626	15.1387 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.066974	0.4	35193840	- mg/L	Y 371.029
Ca 430.253	24.3849	mg/L	0.017250	0.1	84218.4	24.3849 mg/L	Y 371.029
Cd 214.439	0.001043	mg/L	0.000157	15.1	12.5335	0.001043 mg/L	Y 371.029
Cd 226.502	0.000624	mg/L	0.000092	14.8	32.1153	0.000624 mg/L	Y 371.029
Cd 228.802	0.000393	mg/L	0.000181	46.0	14.4584	0.000393 mg/L	Y 371.029
Co 228.615	0.142750	mg/L	0.000974	0.7	885.945	0.142750 mg/L	Y 371.029
Co 230.786	0.143871	mg/L	0.000512	0.4	642.471	0.143871 mg/L	Y 371.029
Co 238.892	0.137113	mg/L	0.000228	0.2	590.642	0.137113 mg/L	Y 371.029
Cr 205.560	0.000658	mg/L	0.000266	40.5	5.81939	0.000658 mg/L	Y 371.029
Cr 206.158	0.000655	mg/L	0.000916	139.9	1.97061	0.000655 mg/L	Y 371.029
Cr 267.716	0.000307	mg/L	0.000212	69.0	29.7127	0.000307 mg/L	Y 371.029
Cu 213.598	0.004336	mg/L	0.000856	19.7	13.1366	0.004336 mg/L	Y 371.029
Cu 324.754	0.004671	mg/L	0.000222	4.7	518.525	0.004671 mg/L	Y 371.029
Cu 327.395	0.004075	mg/L	0.000204	5.0	198.241	0.004075 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	1.14914	mg/L	0.008443	0.7	7844.51	1.14914 mg/L	Y 371.029
Fe 238.204	1.16318	mg/L	0.006793	0.6	16294.0	1.16318 mg/L	Y 371.029
Fe 259.940	1.16006	mg/L	0.014133	1.2	14408.5	1.16006 mg/L	Y 371.029
Ga 287.423	0.003535	mg/L	0.002298	65.0	19.7047	0.003535 mg/L	Y 371.029
Ga 294.363	0.000381	mg/L	0.000436	114.6	9.65311	0.000381 mg/L	Y 371.029
Ga 417.204	0.000931	mg/L	0.000410	44.1	48.2677	0.000931 mg/L	Y 371.029
K 766.491	1.43474	mg/L	0.002529	0.2	83428.5	1.43474 mg/L	Y 371.029
K 769.897	1.42081	mg/L	0.001010	0.1	70761.8	1.42081 mg/L	Y 371.029
Li 610.365	0.032455n	mg/L	0.000438	1.3	1083.28	0.032455 mg/L	Y 371.029
Li 670.783	0.049459	mg/L	0.000154	0.3	160217	0.049459 mg/L	Y 371.029
Mg 279.078	35.9838	mg/L	0.084854	0.2	39725.5	35.9838 mg/L	Y 371.029
Mg 280.270	30.8535	mg/L	0.117120	0.4	2395792	30.8535 mg/L	Y 371.029
Mg 285.213	35.1901	mg/L	0.330196	0.9	985610	35.1901 mg/L	Y 371.029
Mn 257.610	0.501189n	mg/L	0.000491	0.1	57590.0	0.501189 mg/L	Y 371.029
Mn 259.372	0.499692	mg/L	0.001975	0.4	43845.8	0.499692 mg/L	Y 371.029
Mn 260.568	0.514422	mg/L	0.007207	1.4	7833.30	0.514422 mg/L	Y 371.029
Mo 202.032	-0.012978	mg/L	0.002270	17.5	29.4818	-0.012978 mg/L	Y 371.029
Mo 203.846	-0.013902	mg/L	0.002020	14.5	13.3541	-0.013902 mg/L	Y 371.029
Mo 204.598	-0.014244	mg/L	0.002298	16.1	13.6012	-0.014244 mg/L	Y 371.029
Na 568.821	50.1624	mg/L	0.101645	0.2	11863.2	50.1624 mg/L	Y 371.029
Na 588.995	47.1186	mg/L	0.141065	0.3	18972766	47.1186 mg/L	Y 371.029
Na 589.592	53.8438	mg/L	0.149439	0.3	11084327	53.8438 mg/L	Y 371.029
Ni 216.555	0.236051	mg/L	0.000195	0.1	784.032	0.236051 mg/L	Y 371.029
Ni 221.648	0.233057	mg/L	0.002471	1.1	312.086	0.233057 mg/L	Y 371.029
Ni 231.604	0.243045	mg/L	0.001679	0.7	568.850	0.243045 mg/L	Y 371.029
P 177.434	0.013606	mg/L	0.004676	34.4	3.13401	0.013606 mg/L	Y 371.029
P 213.618	-0.003541uv	mg/L	0.005950	168.0	3.76631	-0.003541 mg/L	Y 371.029
P 214.914	0.028256	mg/L	0.010787	38.2	5.38629	0.028256 mg/L	Y 371.029
Pb 220.353	0.005956	mg/L	0.000522	8.8	5.26427	0.005956 mg/L	Y 371.029
Pb 261.417	-0.003298uv	mg/L	0.006728	204.0	3.75738	-0.003298 mg/L	Y 371.029
Pb 405.781	0.017133	mg/L	0.003535	20.6	77.3980	0.017133 mg/L	Y 371.029
Sb 206.834	-0.009640uv	mg/L	0.001716	17.8	4.75040	-0.009640 mg/L	Y 371.029
Sb 231.146	-0.004353uv	mg/L	0.002298	52.8	4.74097	-0.004353 mg/L	Y 371.029
Sb 259.804	0.000521	mg/L	0.002005	384.8	3.25544	0.000521 mg/L	Y 371.029
Se 196.026	0.011525	mg/L	0.000709	6.2	4.66137	0.011525 mg/L	Y 371.029
Se 203.985	0.007888uv	mg/L	0.006876	87.2	1.55359	0.007888 mg/L	Y 371.029
Si 250.690	17.5112	mg/L	0.069409	0.4	18314.6	17.5112 mg/L	Y 371.029
Si 251.611	17.9445	mg/L	0.057487	0.3	20221.6	17.9445 mg/L	Y 371.029
Si 288.158	17.4633	mg/L	0.147381	0.8	103613	17.4633 mg/L	Y 371.029
Sn 189.927	-0.000836uv	mg/L	0.002639	315.5	2.11556	-0.000836 mg/L	Y 371.029
Sn 283.998	-0.000990uv	mg/L	0.002838	286.6	8.59788	-0.000990 mg/L	Y 371.029
Sr 216.596	0.191502	mg/L	0.000463	0.2	1067.62	0.191502 mg/L	Y 371.029
Sr 407.771	0.182119	mg/L	0.001211	0.7	496946	0.182119 mg/L	Y 371.029
Sr 421.552	0.180807	mg/L	0.000703	0.4	328267	0.180807 mg/L	Y 371.029
Ti 334.941	0.006585	mg/L	0.001039	15.8	1412.58	0.006585 mg/L	Y 371.029
Ti 336.122	0.006085	mg/L	0.001013	16.7	556.351	0.006085 mg/L	Y 371.029
Ti 337.280	0.007507	mg/L	0.001128	15.0	222.442	0.007507 mg/L	Y 371.029
Tl 190.794	0.000377	mg/L	0.001397	370.4	2.66551	0.000377 mg/L	Y 371.029
Tl 190.807	0.005106uv	mg/L	0.005506	107.8	1.68633	0.005106 mg/L	Y 371.029
Tl 351.923	0.003114uv	mg/L	0.004081	131.0	11.3512	0.003114 mg/L	Y 371.029
V 268.796	-0.001562	mg/L	0.000420	26.9	29.3566	-0.001562 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.000352	mg/L	0.000235	67.0	29.3717	0.000352 mg/L	Y 371.029
V 311.837	0.000704	mg/L	0.000093	13.2	9.84457	0.000704 mg/L	Y 371.029
Zn 202.548	0.346932	mg/L	0.001425	0.4	1960.96	0.346932 mg/L	Y 371.029
Zn 206.200	0.361330	mg/L	0.002038	0.6	677.616	0.361330 mg/L	Y 371.029
Zn 213.857	0.344223	mg/L	0.000576	0.2	4907.75	0.344223 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.622520	7462.13	5.652	0.1
Y 371.029	1.02891	167711	318.820	0.2

11C1271-02 (Samp) **3/22/2011, 4:39:01 PM** **Rack 1, Tube 50**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000106	mg/L	0.000152	144.4	191.123	-0.000528 mg/L	Y 371.029
Ag 338.289	0.001822	mg/L	0.001061	58.2	2.61359	0.009112 mg/L	Y 371.029
Al 237.312	0.012426	mg/L	0.001115	9.0	58.9369	0.062132 mg/L	Y 371.029
Al 257.509	0.006654	mg/L	0.008258	124.1	25.8342	0.033271 mg/L	Y 371.029
Al 308.215	0.010786	mg/L	0.001642	15.2	1206.62	0.053928 mg/L	Y 371.029
As 188.980	0.010164	mg/L	0.004929	48.5	5.40543	0.050822 mg/L	Y 371.029
As 193.696	-0.001356uv	mg/L	0.002656	195.8	2.31714	-0.006782 mg/L	Y 371.029
As 228.812	0.004828uv	mg/L	0.002109	43.7	7.59550	0.024141 mg/L	Y 371.029
B 182.577	0.061835	mg/L	0.001181	1.9	24.7627	0.309173 mg/L	Y 371.029
B 249.678	0.027887	mg/L	0.000640	2.3	245.167	0.139434 mg/L	Y 371.029
B 249.772	0.027786	mg/L	0.000412	1.5	443.757	0.138932 mg/L	Y 371.029
Ba 233.527	0.004137	mg/L	0.000069	1.7	291.416	0.020683 mg/L	Y 371.029
Ba 455.403	0.003778	mg/L	0.000023	0.6	8247.81	0.018888 mg/L	Y 371.029
Ba 493.408	0.003720	mg/L	0.000024	0.6	5391.96	0.018599 mg/L	Y 371.029
Be 234.861	0.000027	mg/L	0.000007	24.6	0.923652	0.000134 mg/L	Y 371.029
Be 313.042	-0.000046uv	mg/L	0.000003	7.0	354.439	-0.000230 mg/L	Y 371.029
Be 313.107	-0.000017uv	mg/L	0.000004	25.6	-3.76647	-0.000083 mg/L	Y 371.029
Ca 393.366	-o	mg/L	0.370599	1.5	31044510	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.071901	0.4	37808712	- mg/L	Y 371.029
Ca 430.253	54.9572	mg/L	0.041095	0.1	188981	274.786 mg/L	Y 371.029
Cd 214.439	0.000136	mg/L	0.000024	17.4	2.61042	0.000682 mg/L	Y 371.029
Cd 226.502	-0.000006uv	mg/L	0.000106	1784.1	16.1854	-0.000030 mg/L	Y 371.029
Cd 228.802	0.000098uv	mg/L	0.000237	240.7	11.3681	0.000492 mg/L	Y 371.029
Co 228.615	0.001257	mg/L	0.000286	22.7	3.75869	0.006287 mg/L	Y 371.029
Co 230.786	-0.000055uv	mg/L	0.000168	304.0	5.07186	-0.000277 mg/L	Y 371.029
Co 238.892	-0.000246uv	mg/L	0.000207	84.1	1.51609	-0.001232 mg/L	Y 371.029
Cr 205.560	0.001475	mg/L	0.000116	7.9	7.46647	0.007373 mg/L	Y 371.029
Cr 206.158	0.001629	mg/L	0.000854	52.4	2.46174	0.008143 mg/L	Y 371.029
Cr 267.716	0.001644	mg/L	0.000239	14.5	46.9522	0.008220 mg/L	Y 371.029
Cu 213.598	0.000913	mg/L	0.000727	79.6	3.71014	0.004563 mg/L	Y 371.029
Cu 324.754	0.001612	mg/L	0.000101	6.3	431.228	0.008060 mg/L	Y 371.029
Cu 327.395	0.001050	mg/L	0.000289	27.5	70.2418	0.005251 mg/L	Y 371.029
Fe 234.350	0.140405	mg/L	0.001782	1.3	1030.46	0.702025 mg/L	Y 371.029
Fe 238.204	0.141164	mg/L	0.002416	1.7	2127.71	0.705818 mg/L	Y 371.029
Fe 259.940	0.134738	mg/L	0.002585	1.9	1760.34	0.673688 mg/L	Y 371.029
Ga 287.423	0.002353	mg/L	0.002467	104.9	11.2696	0.011764 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.000936	mg/L	0.000594	63.5	9.15111	0.004680 mg/L	Y 371.029
Ga 417.204	0.000461uv	mg/L	0.000832	180.2	43.5564	0.002307 mg/L	Y 371.029
K 766.491	1.55742	mg/L	0.001465	0.1	90439.6	7.78710 mg/L	Y 371.029
K 769.897	1.54859	mg/L	0.002021	0.1	76318.8	7.74297 mg/L	Y 371.029
Li 610.365	0.001347n	mg/L	0.000350	26.0	42.0114	0.006734 mg/L	Y 371.029
Li 670.783	0.002698	mg/L	0.000023	0.9	47396.7	0.013488 mg/L	Y 371.029
Mg 279.078	32.4756	mg/L	0.052462	0.2	35960.1	162.378 mg/L	Y 371.029
Mg 280.270	28.2573	mg/L	0.091859	0.3	2194217	141.287 mg/L	Y 371.029
Mg 285.213	31.5507	mg/L	0.218592	0.7	886365	157.754 mg/L	Y 371.029
Mn 257.610	0.450177n	mg/L	0.000622	0.1	51641.1	2.25088 mg/L	Y 371.029
Mn 259.372	0.449282	mg/L	0.000341	0.1	39329.2	2.24641 mg/L	Y 371.029
Mn 260.568	0.466654	mg/L	0.001823	0.4	7101.20	2.33327 mg/L	Y 371.029
Mo 202.032	-0.001566	mg/L	0.002287	146.0	30.5237	-0.007830 mg/L	Y 371.029
Mo 203.846	-0.001703	mg/L	0.002298	134.9	14.1454	-0.008517 mg/L	Y 371.029
Mo 204.598	-0.001901	mg/L	0.001882	99.0	14.2426	-0.009503 mg/L	Y 371.029
Na 568.821	21.5178	mg/L	0.067837	0.3	5054.56	107.589 mg/L	Y 371.029
Na 588.995	23.1431	mg/L	0.030864	0.1	9430247	115.715 mg/L	Y 371.029
Na 589.592	24.5864	mg/L	0.031747	0.1	5144571	122.932 mg/L	Y 371.029
Ni 216.555	0.002313	mg/L	0.000935	40.4	8.34793	0.011566 mg/L	Y 371.029
Ni 221.648	0.001419	mg/L	0.000149	10.5	3.64906	0.007093 mg/L	Y 371.029
Ni 231.604	0.004528	mg/L	0.001098	24.2	14.6624	0.022642 mg/L	Y 371.029
P 177.434	0.000110uv	mg/L	0.005187	4710.9	1.74186	0.000550 mg/L	Y 371.029
P 213.618	-0.007196uv	mg/L	0.003288	45.7	1.65372	-0.035982 mg/L	Y 371.029
P 214.914	0.008679	mg/L	0.006151	70.9	3.18587	0.043395 mg/L	Y 371.029
Pb 220.353	0.005450	mg/L	0.001528	28.0	4.92693	0.027250 mg/L	Y 371.029
Pb 261.417	0.002862	mg/L	0.003971	138.7	4.09172	0.014312 mg/L	Y 371.029
Pb 405.781	0.018425	mg/L	0.004389	23.8	80.1257	0.092124 mg/L	Y 371.029
Sb 206.834	-0.012026uv	mg/L	0.002741	22.8	4.76031	-0.060132 mg/L	Y 371.029
Sb 231.146	-0.016910uv	mg/L	0.003059	18.1	2.06126	-0.084550 mg/L	Y 371.029
Sb 259.804	0.004336	mg/L	0.013481	310.9	6.08528	0.021680 mg/L	Y 371.029
Se 196.026	0.014497	mg/L	0.006485	44.7	5.57171	0.072483 mg/L	Y 371.029
Se 203.985	0.004942uv	mg/L	0.004688	94.9	1.20149	0.024710 mg/L	Y 371.029
Si 250.690	0.341495	mg/L	0.005159	1.5	431.406	1.70747 mg/L	Y 371.029
Si 251.611	0.345227	mg/L	0.003260	0.9	469.748	1.72613 mg/L	Y 371.029
Si 288.158	0.335986	mg/L	0.001947	0.6	2920.56	1.67993 mg/L	Y 371.029
Sn 189.927	-0.000982uv	mg/L	0.004148	422.6	2.08101	-0.004909 mg/L	Y 371.029
Sn 283.998	-0.000415	mg/L	0.001821	438.9	8.63329	-0.002075 mg/L	Y 371.029
Sr 216.596	0.543761	mg/L	0.002724	0.5	2961.49	2.71881 mg/L	Y 371.029
Sr 407.771	0.496274	mg/L	0.003091	0.6	1325506	2.48137 mg/L	Y 371.029
Sr 421.552	0.497194	mg/L	0.004314	0.9	883028	2.48597 mg/L	Y 371.029
Ti 334.941	0.022033	mg/L	0.002088	9.5	4498.44	0.110164 mg/L	Y 371.029
Ti 336.122	0.022078	mg/L	0.001963	8.9	1901.46	0.110392 mg/L	Y 371.029
Ti 337.280	0.022707	mg/L	0.001838	8.1	656.868	0.113533 mg/L	Y 371.029
Tl 190.794	-0.001252uv	mg/L	0.002773	221.5	1.85721	-0.006260 mg/L	Y 371.029
Tl 190.807	0.011956	mg/L	0.005086	42.5	2.41271	0.059780 mg/L	Y 371.029
Tl 351.923	0.001485uv	mg/L	0.002644	178.1	11.2267	0.007423 mg/L	Y 371.029
V 268.796	0.002840	mg/L	0.000350	12.3	50.6328	0.014201 mg/L	Y 371.029
V 292.401	0.003805	mg/L	0.000158	4.2	108.678	0.019025 mg/L	Y 371.029
V 311.837	0.003461	mg/L	0.000138	4.0	100.386	0.017305 mg/L	Y 371.029
Zn 202.548	-0.004227uv	mg/L	0.000835	19.7	323.797	-0.021136 mg/L	Y 371.029
Zn 206.200	0.001701	mg/L	0.000672	39.5	117.164	0.008506 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	-0.002657	mg/L	0.000223	8.4	837.275	-0.013285 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.614660	7367.91	30.158	0.4
Y 371.029	1.02007	166270	656.220	0.4

11C0823-01 (Samp) **3/22/2011, 4:43:04 PM** **Rack 1, Tube 51**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002430	mg/L	0.000196	8.1	168.682	-0.012152 mg/L	Y 371.029
Ag 338.289	0.002362	mg/L	0.001331	56.3	3.85828	0.011811 mg/L	Y 371.029
Al 237.312	0.025886	mg/L	0.002412	9.3	80.8783	0.129429 mg/L	Y 371.029
Al 257.509	0.000930	mg/L	0.006591	708.5	31.5750	0.004651 mg/L	Y 371.029
Al 308.215	0.036314	mg/L	0.000680	1.9	1331.16	0.181571 mg/L	Y 371.029
As 188.980	0.008879	mg/L	0.002123	23.9	4.11585	0.044394 mg/L	Y 371.029
As 193.696	-0.002724uv	mg/L	0.002920	107.2	2.47534	-0.013620 mg/L	Y 371.029
As 228.812	0.007328uv	mg/L	0.001884	25.7	6.20434	0.036639 mg/L	Y 371.029
B 182.577	2.23372	mg/L	0.021873	1.0	776.972	11.1686 mg/L	Y 371.029
B 249.678	2.13622	mg/L	0.019430	0.9	16653.7	10.6811 mg/L	Y 371.029
B 249.772	2.12772	mg/L	0.020998	1.0	30588.5	10.6386 mg/L	Y 371.029
Ba 233.527	0.002649	mg/L	0.000053	2.0	256.305	0.013243 mg/L	Y 371.029
Ba 455.403	0.002538	mg/L	0.000003	0.1	7246.14	0.012688 mg/L	Y 371.029
Ba 493.408	0.002453	mg/L	0.000013	0.5	4772.37	0.012264 mg/L	Y 371.029
Be 234.861	0.000025	mg/L	0.000015	61.7	1.26165	0.000123 mg/L	Y 371.029
Be 313.042	-0.000018uv	mg/L	0.000002	11.6	366.114	-0.000090 mg/L	Y 371.029
Be 313.107	0.000035	mg/L	0.000017	48.3	33.0626	0.000173 mg/L	Y 371.029
Ca 393.366	-o	mg/L	0.111200	0.4	35051392	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.077992	0.4	37823692	- mg/L	Y 371.029
Ca 430.253	78.4674	mg/L	0.152177	0.2	269752	392.337 mg/L	Y 371.029
Cd 214.439	0.000250	mg/L	0.000170	68.0	3.85136	0.001250 mg/L	Y 371.029
Cd 226.502	-0.000120uv	mg/L	0.000138	115.5	14.7689	-0.000598 mg/L	Y 371.029
Cd 228.802	0.000059uv	mg/L	0.000196	332.8	10.7808	0.000294 mg/L	Y 371.029
Co 228.615	0.003031	mg/L	0.000009	0.3	11.0146	0.015157 mg/L	Y 371.029
Co 230.786	0.002556	mg/L	0.000454	17.7	15.2660	0.012782 mg/L	Y 371.029
Co 238.892	0.000934	mg/L	0.000336	35.9	9.33211	0.004671 mg/L	Y 371.029
Cr 205.560	-0.000674uv	mg/L	0.000228	33.8	2.02429	-0.003370 mg/L	Y 371.029
Cr 206.158	0.000874	mg/L	0.000370	42.3	1.98705	0.004371 mg/L	Y 371.029
Cr 267.716	-0.000447uv	mg/L	0.000124	27.8	15.1717	-0.002236 mg/L	Y 371.029
Cu 213.598	-0.001794	mg/L	0.000480	26.8	2.52658	-0.008969 mg/L	Y 371.029
Cu 324.754	0.002302uv	mg/L	0.000148	6.4	399.948	0.011509 mg/L	Y 371.029
Cu 327.395	-0.000556	mg/L	0.000220	39.6	20.9066	-0.002779 mg/L	Y 371.029
Fe 234.350	0.083932	mg/L	0.001342	1.6	710.799	0.419659 mg/L	Y 371.029
Fe 238.204	0.082217	mg/L	0.001041	1.3	1461.90	0.411083 mg/L	Y 371.029
Fe 259.940	0.075816	mg/L	0.000541	0.7	1144.33	0.379082 mg/L	Y 371.029
Ga 287.423	-0.000297uv	mg/L	0.001507	506.5	7.49492	-0.001487 mg/L	Y 371.029
Ga 294.363	0.002499	mg/L	0.001093	43.7	21.1359	0.012496 mg/L	Y 371.029
Ga 417.204	-0.000370uv	mg/L	0.000310	84.0	30.9579	-0.001849 mg/L	Y 371.029
K 766.491	38.0456	mg/L	0.025612	0.1	2162605	190.228 mg/L	Y 371.029
K 769.897	42.6140	mg/L	0.045185	0.1	1942901	213.070 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	2.44446n	mg/L	0.004340	0.2	81818.0	12.2223 mg/L	Y 371.029
Li 670.783	2.18735	mg/L	0.002818	0.1	5300160	10.9367 mg/L	Y 371.029
Mg 279.078	42.4005	mg/L	0.076811	0.2	46958.6	212.002 mg/L	Y 371.029
Mg 280.270	35.5167	mg/L	0.063706	0.2	2757857	177.583 mg/L	Y 371.029
Mg 285.213	41.7887	mg/L	0.411104	1.0	1174223	208.944 mg/L	Y 371.029
Mn 257.610	0.123364n	mg/L	0.000164	0.1	14326.1	0.616821 mg/L	Y 371.029
Mn 259.372	0.123876	mg/L	0.000488	0.4	11188.9	0.619380 mg/L	Y 371.029
Mn 260.568	0.131967	mg/L	0.000436	0.3	2075.14	0.659836 mg/L	Y 371.029
Mo 202.032	0.567287	mg/L	0.007143	1.3	1753.94	2.83643 mg/L	Y 371.029
Mo 203.846	0.566935	mg/L	0.002459	0.4	752.163	2.83468 mg/L	Y 371.029
Mo 204.598	0.559418	mg/L	0.004512	0.8	870.143	2.79709 mg/L	Y 371.029
Na 568.821	118.553	mg/L	0.098122	0.1	28194.1	592.767 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.564969	0.8	29067402	- mg/L	Y 371.029
Na 589.592	-o	mg/L	1.95862	1.8	22701176	- mg/L	Y 371.029
Ni 216.555	0.008018	mg/L	0.000540	6.7	26.6100	0.040088 mg/L	Y 371.029
Ni 221.648	0.007572	mg/L	0.001444	19.1	12.1422	0.037858 mg/L	Y 371.029
Ni 231.604	0.012051	mg/L	0.000669	5.5	32.0032	0.060256 mg/L	Y 371.029
P 177.434	0.007776uv	mg/L	0.007820	100.6	2.31999	0.038878 mg/L	Y 371.029
P 213.618	-0.006708	mg/L	0.002094	31.2	4.36861	-0.033541 mg/L	Y 371.029
P 214.914	0.019229	mg/L	0.004991	26.0	4.66253	0.096147 mg/L	Y 371.029
Pb 220.353	0.002099	mg/L	0.002171	103.4	2.90024	0.010497 mg/L	Y 371.029
Pb 261.417	-0.012790uv	mg/L	0.006263	49.0	3.32904	-0.063951 mg/L	Y 371.029
Pb 405.781	0.034546	mg/L	0.006801	19.7	109.447	0.172729 mg/L	Y 371.029
Sb 206.834	-0.020912uv	mg/L	0.002346	11.2	5.38334	-0.104561 mg/L	Y 371.029
Sb 231.146	-0.012586uv	mg/L	0.000484	3.8	3.58190	-0.062932 mg/L	Y 371.029
Sb 259.804	0.003672	mg/L	0.010869	296.0	5.43105	0.018359 mg/L	Y 371.029
Se 196.026	0.016314	mg/L	0.000737	4.5	5.75649	0.081569 mg/L	Y 371.029
Se 203.985	0.004686uv	mg/L	0.003555	75.9	0.418788	0.023429 mg/L	Y 371.029
Si 250.690	0.954567	mg/L	0.004048	0.4	1086.03	4.77284 mg/L	Y 371.029
Si 251.611	0.972644	mg/L	0.006110	0.6	1202.91	4.86322 mg/L	Y 371.029
Si 288.158	0.957644	mg/L	0.005389	0.6	6623.75	4.78822 mg/L	Y 371.029
Sn 189.927	-0.004414uv	mg/L	0.004931	111.7	1.62639	-0.022069 mg/L	Y 371.029
Sn 283.998	-0.004636	mg/L	0.002529	54.6	8.89542	-0.023178 mg/L	Y 371.029
Sr 216.596	1.20812	mg/L	0.001190	0.1	6430.30	6.04063 mg/L	Y 371.029
Sr 407.771	1.12283	mg/L	0.004992	0.4	2923922	5.61415 mg/L	Y 371.029
Sr 421.552	1.12916	mg/L	0.006897	0.6	1954855	5.64580 mg/L	Y 371.029
Ti 334.941	0.000980	mg/L	0.000092	9.4	270.267	0.004900 mg/L	Y 371.029
Ti 336.122	0.000598	mg/L	0.000126	21.1	79.5261	0.002988 mg/L	Y 371.029
Ti 337.280	0.000918	mg/L	0.000145	15.8	38.2568	0.004590 mg/L	Y 371.029
Tl 190.794	-0.004316uv	mg/L	0.003867	89.6	1.59769	-0.021579 mg/L	Y 371.029
Tl 190.807	0.005418	mg/L	0.002131	39.3	2.26603	0.027090 mg/L	Y 371.029
Tl 351.923	0.006315	mg/L	0.004958	78.5	15.0921	0.031574 mg/L	Y 371.029
V 268.796	0.011783	mg/L	0.000799	6.8	530.033	0.058913 mg/L	Y 371.029
V 292.401	-0.000410uv	mg/L	0.000134	32.8	7.16262	-0.002050 mg/L	Y 371.029
V 311.837	0.000705	mg/L	0.000148	21.0	6.56896	0.003525 mg/L	Y 371.029
Zn 202.548	-0.009774	mg/L	0.001776	18.2	336.585	-0.048870 mg/L	Y 371.029
Zn 206.200	-0.004916	mg/L	0.000246	5.0	120.160	-0.024578 mg/L	Y 371.029
Zn 213.857	-0.007558	mg/L	0.000393	5.2	878.722	-0.037789 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.607246	7279.04	21.128	0.3
Y 371.029	1.01284	165091	739.979	0.4

11C0457-01 (Samp) **3/22/2011, 4:47:18 PM** **Rack 1, Tube 52**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001015	mg/L	0.000083	8.2	198.877	0.005075 mg/L	Y 371.029
Ag 338.289	0.000944	mg/L	0.000960	101.6	0.333257	0.004720 mg/L	Y 371.029
Al 237.312	0.006934	mg/L	0.000835	12.0	46.5203	0.034669 mg/L	Y 371.029
Al 257.509	0.006946uv	mg/L	0.013131	189.0	20.8987	0.034731 mg/L	Y 371.029
Al 308.215	-0.000890uv	mg/L	0.002380	267.4	1152.71	-0.004450 mg/L	Y 371.029
As 188.980	0.003318	mg/L	0.001062	32.0	4.12411	0.016592 mg/L	Y 371.029
As 193.696	-0.000391uv	mg/L	0.002602	664.8	2.55524	-0.001957 mg/L	Y 371.029
As 228.812	0.002841uv	mg/L	0.001811	63.7	7.29173	0.014206 mg/L	Y 371.029
B 182.577	0.028438	mg/L	0.006543	23.0	12.7845	0.142188 mg/L	Y 371.029
B 249.678	0.028673	mg/L	0.004642	16.2	241.596	0.143364 mg/L	Y 371.029
B 249.772	0.028184	mg/L	0.004575	16.2	436.577	0.140919 mg/L	Y 371.029
Ba 233.527	0.007029	mg/L	0.000077	1.1	360.842	0.035146 mg/L	Y 371.029
Ba 455.403	0.006389	mg/L	0.000023	0.4	10122.4	0.031944 mg/L	Y 371.029
Ba 493.408	0.006341	mg/L	0.000022	0.3	6610.08	0.031703 mg/L	Y 371.029
Be 234.861	0.000025	mg/L	0.000013	51.6	0.306920	0.000127 mg/L	Y 371.029
Be 313.042	-0.000032uv	mg/L	0.000006	17.6	373.122	-0.000161 mg/L	Y 371.029
Be 313.107	0.000038	mg/L	0.000006	15.0	26.7089	0.000189 mg/L	Y 371.029
Ca 393.366	4.30645	mg/L	0.002883	0.1	5528472	21.5322 mg/L	Y 371.029
Ca 396.847	4.60256	mg/L	0.002886	0.1	9759136	23.0128 mg/L	Y 371.029
Ca 430.253	5.30539	mg/L	0.004607	0.1	18686.8	26.5270 mg/L	Y 371.029
Cd 214.439	0.000178	mg/L	0.000038	21.0	3.16765	0.000891 mg/L	Y 371.029
Cd 226.502	-0.000160uv	mg/L	0.000038	23.7	10.7017	-0.000802 mg/L	Y 371.029
Cd 228.802	0.000025uv	mg/L	0.000107	427.5	10.8225	0.000125 mg/L	Y 371.029
Co 228.615	0.000756	mg/L	0.000103	13.7	1.30240	0.003782 mg/L	Y 371.029
Co 230.786	-0.000366uv	mg/L	0.000220	60.2	3.41260	-0.001828 mg/L	Y 371.029
Co 238.892	0.000484	mg/L	0.000404	83.4	3.63172	0.002418 mg/L	Y 371.029
Cr 205.560	0.000212uv	mg/L	0.000257	121.1	2.87606	0.001062 mg/L	Y 371.029
Cr 206.158	0.000799	mg/L	0.000400	50.0	1.44545	0.003995 mg/L	Y 371.029
Cr 267.716	0.000264	mg/L	0.000414	157.1	19.5564	0.001318 mg/L	Y 371.029
Cu 213.598	0.002071	mg/L	0.000524	25.3	5.06154	0.010357 mg/L	Y 371.029
Cu 324.754	0.001077	mg/L	0.000259	24.0	445.202	0.005386 mg/L	Y 371.029
Cu 327.395	0.002327	mg/L	0.000013	0.6	103.566	0.011633 mg/L	Y 371.029
Fe 234.350	0.008795	mg/L	0.000560	6.4	77.9848	0.043976 mg/L	Y 371.029
Fe 238.204	0.009276	mg/L	0.000660	7.1	153.606	0.046380 mg/L	Y 371.029
Fe 259.940	0.008650	mg/L	0.000678	7.8	136.514	0.043248 mg/L	Y 371.029
Ga 287.423	0.002999uv	mg/L	0.004862	162.1	11.7837	0.014995 mg/L	Y 371.029
Ga 294.363	0.001165	mg/L	0.000795	68.2	12.1520	0.005826 mg/L	Y 371.029
Ga 417.204	0.000303uv	mg/L	0.000843	277.8	40.2337	0.001517 mg/L	Y 371.029
K 766.491	0.519888	mg/L	0.000845	0.2	31110.9	2.59944 mg/L	Y 371.029
K 769.897	0.523777	mg/L	0.001248	0.2	29444.1	2.61888 mg/L	Y 371.029
Li 610.365	0.000880n	mg/L	0.000413	47.0	26.3979	0.004401 mg/L	Y 371.029
Li 670.783	0.000772	mg/L	0.000006	0.8	41101.6	0.003859 mg/L	Y 371.029
Mg 279.078	1.62913	mg/L	0.001848	0.1	1823.34	8.14563 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	1.62544	mg/L	0.005057	0.3	126431	8.12718 mg/L	Y 371.029
Mg 285.213	1.61137	mg/L	0.015568	1.0	45572.5	8.05684 mg/L	Y 371.029
Mn 257.610	0.000576n	mg/L	0.000031	5.4	58.6908	0.002880 mg/L	Y 371.029
Mn 259.372	0.000532	mg/L	0.000034	6.3	65.7528	0.002662 mg/L	Y 371.029
Mn 260.568	0.000650	mg/L	0.000065	10.1	15.2244	0.003250 mg/L	Y 371.029
Mo 202.032	0.012352	mg/L	0.002546	20.6	47.1555	0.061758 mg/L	Y 371.029
Mo 203.846	0.012476	mg/L	0.003135	25.1	21.3988	0.062382 mg/L	Y 371.029
Mo 204.598	0.011941	mg/L	0.002394	20.1	21.9135	0.059705 mg/L	Y 371.029
Na 568.821	4.98827	mg/L	0.044977	0.9	1083.62	24.9414 mg/L	Y 371.029
Na 588.995	5.65174	mg/L	0.004543	0.1	2463626	28.2587 mg/L	Y 371.029
Na 589.592	5.24331	mg/L	0.003834	0.1	1215178	26.2165 mg/L	Y 371.029
Ni 216.555	0.000852	mg/L	0.000223	26.1	2.52712	0.004261 mg/L	Y 371.029
Ni 221.648	0.001070	mg/L	0.000162	15.2	2.77999	0.005350 mg/L	Y 371.029
Ni 231.604	0.001687	mg/L	0.000815	48.3	5.78684	0.008433 mg/L	Y 371.029
P 177.434	0.002677uv	mg/L	0.003498	130.7	2.07743	0.013384 mg/L	Y 371.029
P 213.618	-0.001017uv	mg/L	0.001209	118.9	3.33459	-0.005086 mg/L	Y 371.029
P 214.914	0.001032uv	mg/L	0.010400	1008.1	2.13647	0.005158 mg/L	Y 371.029
Pb 220.353	0.004727	mg/L	0.002835	60.0	4.03782	0.023637 mg/L	Y 371.029
Pb 261.417	0.006724uv	mg/L	0.006237	92.8	5.32569	0.033618 mg/L	Y 371.029
Pb 405.781	0.003411	mg/L	0.004188	122.8	52.4454	0.017054 mg/L	Y 371.029
Sb 206.834	-0.001410uv	mg/L	0.001340	95.0	4.95922	-0.007048 mg/L	Y 371.029
Sb 231.146	-0.009348uv	mg/L	0.001355	14.5	2.18278	-0.046738 mg/L	Y 371.029
Sb 259.804	0.004560uv	mg/L	0.005969	130.9	3.84255	0.022802 mg/L	Y 371.029
Se 196.026	-0.000118uv	mg/L	0.007046	5977.2	2.36035	-0.000589 mg/L	Y 371.029
Se 203.985	0.005104	mg/L	0.003912	76.6	1.64618	0.025522 mg/L	Y 371.029
Si 250.690	0.524257	mg/L	0.001911	0.4	593.726	2.62128 mg/L	Y 371.029
Si 251.611	0.533815	mg/L	0.001473	0.3	652.226	2.66908 mg/L	Y 371.029
Si 288.158	0.527223	mg/L	0.006837	1.3	3916.96	2.63612 mg/L	Y 371.029
Sn 189.927	0.001914uv	mg/L	0.002401	125.4	2.46442	0.009569 mg/L	Y 371.029
Sn 283.998	0.002937	mg/L	0.000914	31.1	8.19274	0.014685 mg/L	Y 371.029
Sr 216.596	0.015584	mg/L	0.000428	2.7	107.394	0.077920 mg/L	Y 371.029
Sr 407.771	0.014586	mg/L	0.000126	0.9	49738.8	0.072929 mg/L	Y 371.029
Sr 421.552	0.014589	mg/L	0.000145	1.0	32986.5	0.072947 mg/L	Y 371.029
Ti 334.941	0.000224	mg/L	0.000109	48.7	99.2875	0.001118 mg/L	Y 371.029
Ti 336.122	0.000129uv	mg/L	0.000113	88.2	36.3129	0.000643 mg/L	Y 371.029
Ti 337.280	0.000597	mg/L	0.000078	13.0	13.9149	0.002985 mg/L	Y 371.029
Tl 190.794	0.000372uv	mg/L	0.002876	772.9	2.20352	0.001861 mg/L	Y 371.029
Tl 190.807	0.002185uv	mg/L	0.008730	399.5	1.39715	0.010926 mg/L	Y 371.029
Tl 351.923	-0.000394uv	mg/L	0.001417	359.9	7.75488	-0.001969 mg/L	Y 371.029
V 268.796	0.001467	mg/L	0.000599	40.8	33.8767	0.007336 mg/L	Y 371.029
V 292.401	0.000134	mg/L	0.000042	31.4	16.0111	0.000670 mg/L	Y 371.029
V 311.837	0.000758	mg/L	0.000091	12.0	5.34055	0.003789 mg/L	Y 371.029
Zn 202.548	0.006936	mg/L	0.000176	2.5	356.169	0.034678 mg/L	Y 371.029
Zn 206.200	0.008216	mg/L	0.000419	5.1	119.971	0.041079 mg/L	Y 371.029
Zn 213.857	0.003596	mg/L	0.000234	6.5	855.756	0.017978 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.623623	7475.35	20.211	0.3
Y 371.029	1.03329	168425	369.763	0.2

11C1114-01 (Samp) **3/22/2011, 4:51:05 PM** **Rack 1, Tube 53**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000892	mg/L	0.000348	39.0	195.123	0.004461 mg/L	Y 371.029
Ag 338.289	0.001321	mg/L	0.000716	54.2	1.36880	0.006604 mg/L	Y 371.029
Al 237.312	0.002296	mg/L	0.002129	92.7	41.4127	0.011479 mg/L	Y 371.029
Al 257.509	0.001617uv	mg/L	0.003424	211.7	18.3334	0.008086 mg/L	Y 371.029
Al 308.215	-0.005668uv	mg/L	0.002060	36.4	1125.25	-0.028338 mg/L	Y 371.029
As 188.980	0.005744	mg/L	0.004025	70.1	4.63313	0.028721 mg/L	Y 371.029
As 193.696	-0.002417uv	mg/L	0.000720	29.8	2.00507	-0.012083 mg/L	Y 371.029
As 228.812	0.004025	mg/L	0.001202	29.9	8.32828	0.020127 mg/L	Y 371.029
B 182.577	0.054379	mg/L	0.000436	0.8	21.7415	0.271897 mg/L	Y 371.029
B 249.678	0.055350	mg/L	0.001349	2.4	449.009	0.276748 mg/L	Y 371.029
B 249.772	0.054850	mg/L	0.001242	2.3	818.856	0.274248 mg/L	Y 371.029
Ba 233.527	0.000403	mg/L	0.000016	4.0	158.245	0.002015 mg/L	Y 371.029
Ba 455.403	0.000086	mg/L	0.000004	5.0	4418.76	0.000432 mg/L	Y 371.029
Ba 493.408	0.000084	mg/L	0.000005	6.0	2915.68	0.000422 mg/L	Y 371.029
Be 234.861	0.000020	mg/L	0.000003	16.8	-0.134612	0.000101 mg/L	Y 371.029
Be 313.042	-0.000030uv	mg/L	0.000007	22.9	375.339	-0.000152 mg/L	Y 371.029
Be 313.107	0.000043	mg/L	0.000012	28.0	29.9587	0.000214 mg/L	Y 371.029
Ca 393.366	2.05592	mg/L	0.001767	0.1	2647520	10.2796 mg/L	Y 371.029
Ca 396.847	2.09853	mg/L	0.018133	0.9	4463832	10.4927 mg/L	Y 371.029
Ca 430.253	2.32324	mg/L	0.002490	0.1	8469.95	11.6162 mg/L	Y 371.029
Cd 214.439	0.000077	mg/L	0.000025	33.1	2.07047	0.000384 mg/L	Y 371.029
Cd 226.502	-0.000118uv	mg/L	0.000147	123.8	11.6929	-0.000592 mg/L	Y 371.029
Cd 228.802	-0.000117uv	mg/L	0.000053	45.7	9.28654	-0.000583 mg/L	Y 371.029
Co 228.615	0.001084	mg/L	0.000398	36.7	3.22991	0.005421 mg/L	Y 371.029
Co 230.786	-0.000432uv	mg/L	0.000405	93.7	2.99605	-0.002158 mg/L	Y 371.029
Co 238.892	0.000419	mg/L	0.000466	111.3	3.45443	0.002094 mg/L	Y 371.029
Cr 205.560	0.000159uv	mg/L	0.000221	139.0	2.69653	0.000796 mg/L	Y 371.029
Cr 206.158	0.000805	mg/L	0.000700	87.0	1.48473	0.004024 mg/L	Y 371.029
Cr 267.716	0.000155uv	mg/L	0.000364	235.3	17.6771	0.000774 mg/L	Y 371.029
Cu 213.598	0.000249	mg/L	0.000364	146.3	0.896163	0.001245 mg/L	Y 371.029
Cu 324.754	-0.000794uv	mg/L	0.000217	27.3	388.704	-0.003970 mg/L	Y 371.029
Cu 327.395	0.000298	mg/L	0.000185	62.1	22.9527	0.001489 mg/L	Y 371.029
Fe 234.350	0.003517	mg/L	0.000774	22.0	42.4512	0.017585 mg/L	Y 371.029
Fe 238.204	0.003865	mg/L	0.000459	11.9	79.3461	0.019324 mg/L	Y 371.029
Fe 259.940	0.003443	mg/L	0.000550	16.0	74.1208	0.017217 mg/L	Y 371.029
Ga 287.423	-0.001728uv	mg/L	0.000419	24.2	3.06882	-0.008640 mg/L	Y 371.029
Ga 294.363	0.002049	mg/L	0.000507	24.8	17.0526	0.010245 mg/L	Y 371.029
Ga 417.204	0.001334	mg/L	0.001135	85.1	48.4800	0.006670 mg/L	Y 371.029
K 766.491	2.32463	mg/L	0.004321	0.2	133575	11.6231 mg/L	Y 371.029
K 769.897	2.31715	mg/L	0.004806	0.2	110956	11.5858 mg/L	Y 371.029
Li 610.365	0.001899n	mg/L	0.000121	6.4	60.4912	0.009494 mg/L	Y 371.029
Li 670.783	0.003457	mg/L	0.000038	1.1	47582.1	0.017287 mg/L	Y 371.029
Mg 279.078	1.00629	mg/L	0.004722	0.5	1126.94	5.03143 mg/L	Y 371.029
Mg 280.270	1.01389	mg/L	0.002435	0.2	78959.0	5.06947 mg/L	Y 371.029
Mg 285.213	0.998557	mg/L	0.003975	0.4	28188.0	4.99278 mg/L	Y 371.029
Mn 257.610	0.000381n	mg/L	0.000035	9.1	24.2980	0.001904 mg/L	Y 371.029
Mn 259.372	0.000295	mg/L	0.000061	20.6	41.2897	0.001477 mg/L	Y 371.029
Mn 260.568	0.000346	mg/L	0.000072	21.0	9.41708	0.001729 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.002335	mg/L	0.001444	61.8	24.2469	0.011676 mg/L	Y 371.029
Mo 203.846	0.001831	mg/L	0.002661	145.3	10.9478	0.009155 mg/L	Y 371.029
Mo 204.598	0.001327	mg/L	0.001557	117.4	9.76204	0.006633 mg/L	Y 371.029
Na 568.821	9.82365	mg/L	0.055951	0.6	2234.08	49.1183 mg/L	Y 371.029
Na 588.995	10.9358	mg/L	0.002702	0.0	4567122	54.6790 mg/L	Y 371.029
Na 589.592	11.4732	mg/L	0.014992	0.1	2480151	57.3662 mg/L	Y 371.029
Ni 216.555	0.000533	mg/L	0.000205	38.5	1.41406	0.002663 mg/L	Y 371.029
Ni 221.648	0.001655	mg/L	0.001580	95.5	3.56005	0.008273 mg/L	Y 371.029
Ni 231.604	0.001291	mg/L	0.000268	20.8	4.75224	0.006453 mg/L	Y 371.029
P 177.434	0.008264	mg/L	0.003981	48.2	2.66199	0.041321 mg/L	Y 371.029
P 213.618	0.002362	mg/L	0.001257	53.2	4.83466	0.011808 mg/L	Y 371.029
P 214.914	0.018599	mg/L	0.010962	58.9	4.10648	0.092994 mg/L	Y 371.029
Pb 220.353	0.002749	mg/L	0.002280	82.9	2.61144	0.013747 mg/L	Y 371.029
Pb 261.417	0.004546	mg/L	0.001643	36.1	4.80364	0.022729 mg/L	Y 371.029
Pb 405.781	-0.005184uv	mg/L	0.004617	89.1	42.8376	-0.025922 mg/L	Y 371.029
Sb 206.834	-0.000077uv	mg/L	0.001729	2237.6	5.43458	-0.000386 mg/L	Y 371.029
Sb 231.146	-0.005701uv	mg/L	0.006514	114.3	3.22750	-0.028503 mg/L	Y 371.029
Sb 259.804	0.010912	mg/L	0.002831	25.9	5.57174	0.054562 mg/L	Y 371.029
Se 196.026	0.004548uv	mg/L	0.004089	89.9	3.22018	0.022738 mg/L	Y 371.029
Se 203.985	0.012353	mg/L	0.000928	7.5	2.47560	0.061767 mg/L	Y 371.029
Si 250.690	3.94950	mg/L	0.018388	0.5	4162.62	19.7475 mg/L	Y 371.029
Si 251.611	4.04737	mg/L	0.022414	0.6	4596.70	20.2369 mg/L	Y 371.029
Si 288.158	3.97503	mg/L	0.013644	0.3	24194.6	19.8751 mg/L	Y 371.029
Sn 189.927	0.000493uv	mg/L	0.001916	388.3	2.17042	0.002467 mg/L	Y 371.029
Sn 283.998	0.001817uv	mg/L	0.002244	123.5	6.88983	0.009086 mg/L	Y 371.029
Sr 216.596	0.023890	mg/L	0.000459	1.9	140.840	0.119450 mg/L	Y 371.029
Sr 407.771	0.022637	mg/L	0.000245	1.1	65501.8	0.113184 mg/L	Y 371.029
Sr 421.552	0.022558	mg/L	0.000256	1.1	43307.9	0.112792 mg/L	Y 371.029
Ti 334.941	0.000114	mg/L	0.000053	46.4	76.2553	0.000570 mg/L	Y 371.029
Ti 336.122	0.000137	mg/L	0.000028	20.4	37.3549	0.000687 mg/L	Y 371.029
Ti 337.280	0.000345	mg/L	0.000244	70.8	6.60396	0.001726 mg/L	Y 371.029
Tl 190.794	-0.000448uv	mg/L	0.001383	309.1	2.04061	-0.002238 mg/L	Y 371.029
Tl 190.807	0.003810	mg/L	0.004852	127.3	1.62692	0.019052 mg/L	Y 371.029
Tl 351.923	0.000216uv	mg/L	0.001623	751.6	8.37113	0.001080 mg/L	Y 371.029
V 268.796	0.001133	mg/L	0.000311	27.4	28.0953	0.005665 mg/L	Y 371.029
V 292.401	0.000168uv	mg/L	0.000244	145.2	16.9217	0.000841 mg/L	Y 371.029
V 311.837	0.000729	mg/L	0.000089	12.2	4.32874	0.003645 mg/L	Y 371.029
Zn 202.548	0.010246	mg/L	0.000354	3.5	372.614	0.051231 mg/L	Y 371.029
Zn 206.200	0.011862	mg/L	0.000761	6.4	125.965	0.059310 mg/L	Y 371.029
Zn 213.857	0.006841	mg/L	0.000377	5.5	896.220	0.034203 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.612503	7342.05	21.364	0.3
Y 371.029	1.01409	165294	523.982	0.3

11C1195-06 (Samp) **3/22/2011, 4:54:49 PM** **Rack 1, Tube 54**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000802	mg/L	0.000284	35.4	197.318	0.004012 mg/L	Y 371.029
Ag 338.289	0.000804	mg/L	0.000799	99.3	0.235860	0.004020 mg/L	Y 371.029
Al 237.312	-0.005525uv	mg/L	0.003760	68.1	30.9906	-0.027623 mg/L	Y 371.029
Al 257.509	0.003882uv	mg/L	0.009035	232.8	17.9138	0.019408 mg/L	Y 371.029
Al 308.215	-0.003798uv	mg/L	0.000760	20.0	1133.95	-0.018990 mg/L	Y 371.029
As 188.980	0.002245	mg/L	0.002292	102.1	3.93331	0.011226 mg/L	Y 371.029
As 193.696	-0.000238uv	mg/L	0.004288	1803.3	2.39321	-0.001189 mg/L	Y 371.029
As 228.812	0.000349uv	mg/L	0.001536	439.9	3.67113	0.001746 mg/L	Y 371.029
B 182.577	0.004974	mg/L	0.000478	9.6	4.74723	0.024870 mg/L	Y 371.029
B 249.678	0.006368	mg/L	0.000950	14.9	68.2657	0.031842 mg/L	Y 371.029
B 249.772	0.005204	mg/L	0.001135	21.8	161.297	0.026022 mg/L	Y 371.029
Ba 233.527	0.046351	mg/L	0.000102	0.2	1557.81	0.231755 mg/L	Y 371.029
Ba 455.403	0.044907	mg/L	0.000096	0.2	44773.5	0.224534 mg/L	Y 371.029
Ba 493.408	0.044231	mg/L	0.000053	0.1	28875.9	0.221156 mg/L	Y 371.029
Be 234.861	0.000062	mg/L	0.000037	60.0	4.73438	0.000312 mg/L	Y 371.029
Be 313.042	-0.000048uv	mg/L	0.000002	4.4	348.817	-0.000241 mg/L	Y 371.029
Be 313.107	0.000027	mg/L	0.000007	25.5	21.0926	0.000135 mg/L	Y 371.029
Ca 393.366	0.933867	mg/L	0.002209	0.2	1211265	4.66933 mg/L	Y 371.029
Ca 396.847	0.965514	mg/L	0.001460	0.2	2067980	4.82757 mg/L	Y 371.029
Ca 430.253	1.07657	mg/L	0.006700	0.6	4194.87	5.38287 mg/L	Y 371.029
Cd 214.439	0.000308	mg/L	0.000137	44.5	4.65544	0.001541 mg/L	Y 371.029
Cd 226.502	0.000051	mg/L	0.000068	132.1	19.7950	0.000257 mg/L	Y 371.029
Cd 228.802	-0.000158uv	mg/L	0.000127	80.2	8.69328	-0.000792 mg/L	Y 371.029
Co 228.615	0.000597	mg/L	0.000218	36.6	6.27008	0.002984 mg/L	Y 371.029
Co 230.786	-0.000108	mg/L	0.000617	569.2	9.57407	-0.000542 mg/L	Y 371.029
Co 238.892	0.001992uv	mg/L	0.000123	6.2	1.15642	0.009962 mg/L	Y 371.029
Cr 205.560	-0.000154uv	mg/L	0.000220	142.8	2.80760	-0.000772 mg/L	Y 371.029
Cr 206.158	0.000902	mg/L	0.000421	46.7	2.11837	0.004511 mg/L	Y 371.029
Cr 267.716	-0.000650uv	mg/L	0.000098	15.1	13.3719	-0.003252 mg/L	Y 371.029
Cu 213.598	0.000739	mg/L	0.000374	50.6	4.69569	0.003693 mg/L	Y 371.029
Cu 324.754	-0.001237uv	mg/L	0.000155	12.5	380.524	-0.006187 mg/L	Y 371.029
Cu 327.395	-0.000230	mg/L	0.000295	128.1	24.1579	-0.001150 mg/L	Y 371.029
Fe 234.350	4.27119	mg/L	0.010711	0.3	28726.4	21.3560 mg/L	Y 371.029
Fe 238.204	4.29613	mg/L	0.039891	0.9	59325.8	21.4807 mg/L	Y 371.029
Fe 259.940	4.29115	mg/L	0.039141	0.9	52761.9	21.4557 mg/L	Y 371.029
Ga 287.423	0.017555	mg/L	0.002209	12.6	62.2582	0.087773 mg/L	Y 371.029
Ga 294.363	0.001553	mg/L	0.000350	22.5	14.4175	0.007767 mg/L	Y 371.029
Ga 417.204	0.000869	mg/L	0.000605	69.6	49.6403	0.004346 mg/L	Y 371.029
K 766.491	0.312485	mg/L	0.000209	0.1	19313.8	1.56243 mg/L	Y 371.029
K 769.897	0.321616	mg/L	0.000736	0.2	20291.9	1.60808 mg/L	Y 371.029
Li 610.365	0.000487n	mg/L	0.000097	19.9	13.2439	0.002437 mg/L	Y 371.029
Li 670.783	0.000478	mg/L	0.000051	10.7	40528.3	0.002391 mg/L	Y 371.029
Mg 279.078	0.516867	mg/L	0.004007	0.8	583.196	2.58433 mg/L	Y 371.029
Mg 280.270	0.527066	mg/L	0.005162	1.0	41196.6	2.63533 mg/L	Y 371.029
Mg 285.213	0.516860	mg/L	0.002639	0.5	14627.5	2.58430 mg/L	Y 371.029
Mn 257.610	2.03148n	mg/L	0.023509	1.2	232328	10.1574 mg/L	Y 371.029
Mn 259.372	2.02828	mg/L	0.023756	1.2	177211	10.1414 mg/L	Y 371.029
Mn 260.568	2.08923	mg/L	0.005772	0.3	31503.3	10.4462 mg/L	Y 371.029
Mo 202.032	0.005299	mg/L	0.000705	13.3	20.3759	0.026493 mg/L	Y 371.029
Mo 203.846	0.004074	mg/L	0.000333	8.2	8.53161	0.020372 mg/L	Y 371.029
Mo 204.598	0.003952	mg/L	0.001274	32.2	7.43241	0.019762 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	1.96419	mg/L	0.024898	1.3	355.389	9.82096 mg/L	Y 371.029
Na 588.995	1.50658	mg/L	0.005466	0.4	813137	7.53288 mg/L	Y 371.029
Na 589.592	1.16344	mg/L	0.005212	0.4	386576	5.81718 mg/L	Y 371.029
Ni 216.555	0.000542	mg/L	0.000391	72.0	9.42228	0.002712 mg/L	Y 371.029
Ni 221.648	0.000093	mg/L	0.000694	748.2	4.05612	0.000464 mg/L	Y 371.029
Ni 231.604	0.000302	mg/L	0.000554	183.4	6.84740	0.001510 mg/L	Y 371.029
P 177.434	-0.005003uv	mg/L	0.004296	85.9	1.25094	-0.025015 mg/L	Y 371.029
P 213.618	-0.007755uv	mg/L	0.001654	21.3	0.678777	-0.038777 mg/L	Y 371.029
P 214.914	0.006613	mg/L	0.006697	101.3	2.97922	0.033065 mg/L	Y 371.029
Pb 220.353	0.005860	mg/L	0.001818	31.0	4.82583	0.029299 mg/L	Y 371.029
Pb 261.417	-0.000962	mg/L	0.001332	138.4	4.26326	-0.004809 mg/L	Y 371.029
Pb 405.781	0.004321	mg/L	0.004054	93.8	53.9224	0.021606 mg/L	Y 371.029
Sb 206.834	0.000333uv	mg/L	0.001801	540.2	5.25309	0.001667 mg/L	Y 371.029
Sb 231.146	-0.006916uv	mg/L	0.001497	21.6	2.74897	-0.034578 mg/L	Y 371.029
Sb 259.804	-0.004341uv	mg/L	0.004340	100.0	2.54064	-0.021703 mg/L	Y 371.029
Se 196.026	0.005596	mg/L	0.001329	23.8	3.58859	0.027980 mg/L	Y 371.029
Se 203.985	0.002511	mg/L	0.003563	141.9	1.66186	0.012554 mg/L	Y 371.029
Si 250.690	0.367139	mg/L	0.001045	0.3	427.222	1.83570 mg/L	Y 371.029
Si 251.611	0.372423	mg/L	0.000491	0.1	468.751	1.86211 mg/L	Y 371.029
Si 288.158	0.361432	mg/L	0.001010	0.3	2924.90	1.80716 mg/L	Y 371.029
Sn 189.927	0.002497	mg/L	0.001830	73.3	2.66405	0.012485 mg/L	Y 371.029
Sn 283.998	0.001559uv	mg/L	0.002447	156.9	7.62922	0.007797 mg/L	Y 371.029
Sr 216.596	0.005011	mg/L	0.000260	5.2	42.1642	0.025055 mg/L	Y 371.029
Sr 407.771	0.004496	mg/L	0.000031	0.7	18195.0	0.022480 mg/L	Y 371.029
Sr 421.552	0.004497	mg/L	0.000033	0.7	11984.7	0.022485 mg/L	Y 371.029
Ti 334.941	-0.000043	mg/L	0.000045	103.7	69.1792	-0.000215 mg/L	Y 371.029
Ti 336.122	-0.000071	mg/L	0.000054	76.4	31.4323	-0.000356 mg/L	Y 371.029
Ti 337.280	0.000360	mg/L	0.000225	62.6	10.8626	0.001801 mg/L	Y 371.029
Tl 190.794	-0.001650uv	mg/L	0.000868	52.6	2.20181	-0.008248 mg/L	Y 371.029
Tl 190.807	0.000010uv	mg/L	0.000635	6334.5	0.925910	0.000050 mg/L	Y 371.029
Tl 351.923	0.003630	mg/L	0.001181	32.5	13.2010	0.018152 mg/L	Y 371.029
V 268.796	0.000408uv	mg/L	0.000645	158.2	19.2728	0.002041 mg/L	Y 371.029
V 292.401	-0.000229	mg/L	0.000079	34.7	16.6448	-0.001145 mg/L	Y 371.029
V 311.837	0.000421	mg/L	0.000084	19.9	5.04092	0.002105 mg/L	Y 371.029
Zn 202.548	0.005508	mg/L	0.000469	8.5	348.566	0.027541 mg/L	Y 371.029
Zn 206.200	0.006292	mg/L	0.000551	8.8	116.548	0.031460 mg/L	Y 371.029
Zn 213.857	0.001974	mg/L	0.000196	9.9	836.076	0.009870 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.617399	7400.74	14.396	0.2
Y 371.029	1.02547	167150	269.994	0.2

11C1255-31 (Samp) **3/22/2011, 4:58:52 PM** **Rack 1, Tube 55**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 20**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000968	mg/L	0.000246	25.4	195.060	0.019355 mg/L	Y 371.029
Ag 338.289	0.001251	mg/L	0.000471	37.7	1.20199	0.025025 mg/L	Y 371.029
Al 237.312	0.001600uv	mg/L	0.000964	60.2	38.6682	0.032000 mg/L	Y 371.029
Al 257.509	-0.006726uv	mg/L	0.002073	30.8	13.5689	-0.134519 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	-0.007983uv	mg/L	0.001647	20.6	1114.33	-0.159652 mg/L	Y 371.029
As 188.980	0.003103uv	mg/L	0.004367	140.7	4.08434	0.062064 mg/L	Y 371.029
As 193.696	-0.001427uv	mg/L	0.000900	63.0	2.26035	-0.028549 mg/L	Y 371.029
As 228.812	0.003616	mg/L	0.001047	29.0	7.75188	0.072325 mg/L	Y 371.029
B 182.577	0.005741	mg/L	0.002324	40.5	4.91766	0.114819 mg/L	Y 371.029
B 249.678	0.003811	mg/L	0.000216	5.7	48.6465	0.076216 mg/L	Y 371.029
B 249.772	0.002456	mg/L	0.000084	3.4	149.565	0.049113 mg/L	Y 371.029
Ba 233.527	0.001674	mg/L	0.000133	7.9	197.555	0.033489 mg/L	Y 371.029
Ba 455.403	0.001233	mg/L	0.000003	0.3	5443.72	0.024668 mg/L	Y 371.029
Ba 493.408	0.001202	mg/L	0.000001	0.1	3579.46	0.024043 mg/L	Y 371.029
Be 234.861	0.000111	mg/L	0.000046	41.7	9.13236	0.002229 mg/L	Y 371.029
Be 313.042	-0.000032uv	mg/L	0.000004	13.8	372.660	-0.000650 mg/L	Y 371.029
Be 313.107	0.000043	mg/L	0.000010	22.6	30.2142	0.000869 mg/L	Y 371.029
Ca 393.366	0.856391	mg/L	0.000785	0.1	1111885	17.1278 mg/L	Y 371.029
Ca 396.847	0.882975	mg/L	0.000552	0.1	1893183	17.6595 mg/L	Y 371.029
Ca 430.253	0.987567	mg/L	0.007353	0.7	3894.15	19.7513 mg/L	Y 371.029
Cd 214.439	0.000138	mg/L	0.000096	69.5	2.99944	0.002759 mg/L	Y 371.029
Cd 226.502	0.000165	mg/L	0.000038	23.0	23.7796	0.003309 mg/L	Y 371.029
Cd 228.802	-0.000120uv	mg/L	0.000137	113.8	8.97290	-0.002404 mg/L	Y 371.029
Co 228.615	-0.000660	mg/L	0.000063	9.6	1.81585	-0.013206 mg/L	Y 371.029
Co 230.786	-0.001919uv	mg/L	0.000234	12.2	4.20771	-0.038374 mg/L	Y 371.029
Co 238.892	0.003878uv	mg/L	0.000930	24.0	3.79114	0.077568 mg/L	Y 371.029
Cr 205.560	-0.000447uv	mg/L	0.000223	49.9	2.46754	-0.008937 mg/L	Y 371.029
Cr 206.158	0.000083	mg/L	0.000694	840.6	1.27930	0.001652 mg/L	Y 371.029
Cr 267.716	-0.000138	mg/L	0.000218	157.6	21.6490	-0.002763 mg/L	Y 371.029
Cu 213.598	0.000679	mg/L	0.000521	76.7	5.98591	0.013577 mg/L	Y 371.029
Cu 324.754	-0.001600uv	mg/L	0.000243	15.2	383.249	-0.031990 mg/L	Y 371.029
Cu 327.395	-0.000715	mg/L	0.000140	19.6	14.1710	-0.014308 mg/L	Y 371.029
Fe 234.350	6.46731	mg/L	0.061604	1.0	43483.6	129.346 mg/L	Y 371.029
Fe 238.204	6.35748	mg/L	0.137914	2.2	87768.1	127.150 mg/L	Y 371.029
Fe 259.940	6.49737	mg/L	0.066640	1.0	79875.3	129.947 mg/L	Y 371.029
Ga 287.423	0.022574	mg/L	0.003378	15.0	83.3778	0.451481 mg/L	Y 371.029
Ga 294.363	0.001252uv	mg/L	0.001313	104.8	13.5461	0.025043 mg/L	Y 371.029
Ga 417.204	0.000368uv	mg/L	0.001686	458.6	48.5898	0.007356 mg/L	Y 371.029
K 766.491	0.150572	mg/L	0.000227	0.2	10124.2	3.01144 mg/L	Y 371.029
K 769.897	0.163212	mg/L	0.002489	1.5	13069.4	3.26424 mg/L	Y 371.029
Li 610.365	0.000849n	mg/L	0.000343	40.4	25.3403	0.016974 mg/L	Y 371.029
Li 670.783	0.001030	mg/L	0.000056	5.4	41757.7	0.020593 mg/L	Y 371.029
Mg 279.078	1.05584	mg/L	0.004512	0.4	1177.56	21.1168 mg/L	Y 371.029
Mg 280.270	1.05737	mg/L	0.012486	1.2	82335.5	21.1475 mg/L	Y 371.029
Mg 285.213	1.05746	mg/L	0.015228	1.4	29715.8	21.1492 mg/L	Y 371.029
Mn 257.610	0.154466n	mg/L	0.002153	1.4	17662.4	3.08931 mg/L	Y 371.029
Mn 259.372	0.156173	mg/L	0.002113	1.4	14108.5	3.12346 mg/L	Y 371.029
Mn 260.568	0.156854	mg/L	0.000642	0.4	2371.70	3.13707 mg/L	Y 371.029
Mo 202.032	0.001230	mg/L	0.000526	42.8	14.7445	0.024608 mg/L	Y 371.029
Mo 203.846	0.000913	mg/L	0.001836	201.1	7.25405	0.018253 mg/L	Y 371.029
Mo 204.598	0.001672	mg/L	0.001137	68.0	7.18304	0.033431 mg/L	Y 371.029
Na 568.821	5.48404	mg/L	0.066461	1.2	1198.71	109.681 mg/L	Y 371.029
Na 588.995	6.32098	mg/L	0.008145	0.1	2729797	126.420 mg/L	Y 371.029
Na 589.592	5.88545	mg/L	0.005433	0.1	1345584	117.709 mg/L	Y 371.029
Ni 216.555	-0.001569	mg/L	0.000147	9.3	4.66561	-0.031374 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.001977	mg/L	0.000174	8.8	2.56906	-0.039534 mg/L	Y 371.029
Ni 231.604	-0.002166uv	mg/L	0.000727	33.6	3.32374	-0.043324 mg/L	Y 371.029
P 177.434	0.046398	mg/L	0.000424	0.9	6.80339	0.927960 mg/L	Y 371.029
P 213.618	0.040599	mg/L	0.004193	10.3	21.0375	0.811977 mg/L	Y 371.029
P 214.914	0.050382	mg/L	0.005385	10.7	7.97573	1.00763 mg/L	Y 371.029
Pb 220.353	0.002948	mg/L	0.001317	44.7	2.74354	0.058954 mg/L	Y 371.029
Pb 261.417	0.001910	mg/L	0.002166	113.4	3.38802	0.038201 mg/L	Y 371.029
Pb 405.781	0.005442uv	mg/L	0.006936	127.5	54.2546	0.108831 mg/L	Y 371.029
Sb 206.834	0.001135	mg/L	0.001941	170.9	5.86210	0.022708 mg/L	Y 371.029
Sb 231.146	-0.002901uv	mg/L	0.004280	147.5	4.25193	-0.058023 mg/L	Y 371.029
Sb 259.804	-0.010237uv	mg/L	0.003532	34.5	2.80270	-0.204746 mg/L	Y 371.029
Se 196.026	0.001730uv	mg/L	0.002088	120.7	2.63125	0.034591 mg/L	Y 371.029
Se 203.985	0.009833uv	mg/L	0.009790	99.6	2.16949	0.196651 mg/L	Y 371.029
Si 250.690	1.14120	mg/L	0.000638	0.1	1235.22	22.8239 mg/L	Y 371.029
Si 251.611	1.17050	mg/L	0.001865	0.2	1365.13	23.4101 mg/L	Y 371.029
Si 288.158	1.14621	mg/L	0.015991	1.4	7547.11	22.9243 mg/L	Y 371.029
Sn 189.927	0.000620uv	mg/L	0.003630	585.5	2.21421	0.012400 mg/L	Y 371.029
Sn 283.998	0.000990uv	mg/L	0.003414	344.7	5.99755	0.019805 mg/L	Y 371.029
Sr 216.596	0.005734	mg/L	0.000495	8.6	46.3317	0.114673 mg/L	Y 371.029
Sr 407.771	0.004932	mg/L	0.000046	0.9	19168.4	0.098647 mg/L	Y 371.029
Sr 421.552	0.004929	mg/L	0.000030	0.6	12625.2	0.098587 mg/L	Y 371.029
Ti 334.941	-0.000111uv	mg/L	0.000117	105.2	65.8051	-0.002224 mg/L	Y 371.029
Ti 336.122	-0.000099uv	mg/L	0.000084	84.9	31.1758	-0.001983 mg/L	Y 371.029
Ti 337.280	0.000367	mg/L	0.000211	57.5	11.6173	0.007349 mg/L	Y 371.029
Tl 190.794	0.004230	mg/L	0.002090	49.4	3.28210	0.084594 mg/L	Y 371.029
Tl 190.807	0.003536uv	mg/L	0.007033	198.9	1.56892	0.070722 mg/L	Y 371.029
Tl 351.923	-0.000592uv	mg/L	0.000342	57.8	7.14527	-0.011838 mg/L	Y 371.029
V 268.796	0.000556uv	mg/L	0.000292	52.6	22.9325	0.011124 mg/L	Y 371.029
V 292.401	-0.000071	mg/L	0.000231	323.9	25.1503	-0.001429 mg/L	Y 371.029
V 311.837	0.000402	mg/L	0.000041	10.2	9.71048	0.008041 mg/L	Y 371.029
Zn 202.548	0.005128	mg/L	0.000515	10.0	347.890	0.102557 mg/L	Y 371.029
Zn 206.200	0.006554	mg/L	0.000583	8.9	117.335	0.131072 mg/L	Y 371.029
Zn 213.857	0.002018	mg/L	0.000534	26.5	840.285	0.040367 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.611649	7331.82	52.274	0.7
Y 371.029	1.01170	164905	1366.411	0.8

SEQ-CCV5 (Samp) **3/22/2011, 5:03:02 PM** **Rack 1, Tube 56**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099247	mg/L	0.000375	0.4	4489.03	0.099247 mg/L	Y 371.029
Ag 338.289	0.098800	mg/L	0.001543	1.6	260.900	0.098800 mg/L	Y 371.029
Al 237.312	2.45746	mg/L	0.007780	0.3	2758.56	2.45746 mg/L	Y 371.029
Al 257.509	2.44194	mg/L	0.009607	0.4	1231.34	2.44194 mg/L	Y 371.029
Al 308.215	2.51324	mg/L	0.006905	0.3	13779.6	2.51324 mg/L	Y 371.029
As 188.980	0.511213	mg/L	0.006831	1.3	120.337	0.511213 mg/L	Y 371.029
As 193.696	0.503586	mg/L	0.004763	0.9	145.770	0.503586 mg/L	Y 371.029
As 228.812	0.563932	mg/L	0.003020	0.5	890.454	0.563932 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.473392	mg/L	0.003516	0.7	166.968	0.473392 mg/L	Y 371.029
B 249.678	0.486040	mg/L	0.005802	1.2	3799.95	0.486040 mg/L	Y 371.029
B 249.772	0.471683	mg/L	0.008098	1.7	6808.38	0.471683 mg/L	Y 371.029
Ba 233.527	0.509389	mg/L	0.001908	0.4	15670.3	0.509389 mg/L	Y 371.029
Ba 455.403	0.481161	mg/L	0.000770	0.2	437762	0.481161 mg/L	Y 371.029
Ba 493.408	0.491576	mg/L	0.000435	0.1	292006	0.491576 mg/L	Y 371.029
Be 234.861	0.509804	mg/L	0.004160	0.8	46291.7	0.509804 mg/L	Y 371.029
Be 313.042	0.513141	mg/L	0.001279	0.2	682398	0.513141 mg/L	Y 371.029
Be 313.107	0.513553	mg/L	0.001031	0.2	341274	0.513553 mg/L	Y 371.029
Ca 393.366	3.99171	mg/L	0.013305	0.3	5130133	3.99171 mg/L	Y 371.029
Ca 396.847	4.25295	mg/L	0.009750	0.2	9022823	4.25295 mg/L	Y 371.029
Ca 430.253	4.89294	mg/L	0.012997	0.3	17286.6	4.89294 mg/L	Y 371.029
Cd 214.439	0.261807	mg/L	0.001373	0.5	2845.55	0.261807 mg/L	Y 371.029
Cd 226.502	0.261837	mg/L	0.001084	0.4	6357.01	0.261837 mg/L	Y 371.029
Cd 228.802	0.254270	mg/L	0.000571	0.2	2760.71	0.254270 mg/L	Y 371.029
Co 228.615	0.515349	mg/L	0.003054	0.6	3212.83	0.515349 mg/L	Y 371.029
Co 230.786	0.512941	mg/L	0.001836	0.4	2276.63	0.512941 mg/L	Y 371.029
Co 238.892	0.512492	mg/L	0.002605	0.5	2206.19	0.512492 mg/L	Y 371.029
Cr 205.560	0.511889	mg/L	0.003867	0.8	1521.39	0.511889 mg/L	Y 371.029
Cr 206.158	0.510484	mg/L	0.005665	1.1	629.891	0.510484 mg/L	Y 371.029
Cr 267.716	0.510821	mg/L	0.000878	0.2	8488.25	0.510821 mg/L	Y 371.029
Cu 213.598	0.524546	mg/L	0.001978	0.4	1225.23	0.524546 mg/L	Y 371.029
Cu 324.754	0.487788	mg/L	0.000515	0.1	14802.8	0.487788 mg/L	Y 371.029
Cu 327.395	0.483688	mg/L	0.000665	0.1	19239.8	0.483688 mg/L	Y 371.029
Fe 234.350	0.515914	mg/L	0.001542	0.3	3583.39	0.515914 mg/L	Y 371.029
Fe 238.204	0.508411	mg/L	0.004728	0.9	7183.16	0.508411 mg/L	Y 371.029
Fe 259.940	0.514982	mg/L	0.002605	0.5	6475.19	0.514982 mg/L	Y 371.029
Ga 287.423	0.495850	mg/L	0.002334	0.5	940.893	0.495850 mg/L	Y 371.029
Ga 294.363	0.496240	mg/L	0.000759	0.2	2542.24	0.496240 mg/L	Y 371.029
Ga 417.204	0.494384	mg/L	0.002490	0.5	3910.85	0.494384 mg/L	Y 371.029
K 766.491	4.95011	mg/L	0.006521	0.1	282680	4.95011 mg/L	Y 371.029
K 769.897	5.00343	mg/L	0.007348	0.1	233041	5.00343 mg/L	Y 371.029
Li 610.365	1.08546n	mg/L	0.002888	0.3	36329.4	1.08546 mg/L	Y 371.029
Li 670.783	1.05300	mg/L	0.001626	0.2	2570757	1.05300 mg/L	Y 371.029
Mg 279.078	5.19564	mg/L	0.019636	0.4	5749.39	5.19564 mg/L	Y 371.029
Mg 280.270	5.12804	mg/L	0.012707	0.2	398438	5.12804 mg/L	Y 371.029
Mg 285.213	5.21439	mg/L	0.058285	1.1	146236	5.21439 mg/L	Y 371.029
Mn 257.610	0.501491n	mg/L	0.007504	1.5	57880.9	0.501491 mg/L	Y 371.029
Mn 259.372	0.505454	mg/L	0.007771	1.5	44517.7	0.505454 mg/L	Y 371.029
Mn 260.568	0.507876	mg/L	0.002141	0.4	7683.44	0.507876 mg/L	Y 371.029
Mo 202.032	1.05619	mg/L	0.009613	0.9	2998.32	1.05619 mg/L	Y 371.029
Mo 203.846	1.05417	mg/L	0.012578	1.2	1279.93	1.05417 mg/L	Y 371.029
Mo 204.598	1.04426	mg/L	0.013772	1.3	1484.09	1.04426 mg/L	Y 371.029
Na 568.821	4.89950	mg/L	0.044095	0.9	1055.11	4.89950 mg/L	Y 371.029
Na 588.995	5.52125	mg/L	0.021960	0.4	2412590	5.52125 mg/L	Y 371.029
Na 589.592	5.10588	mg/L	0.019389	0.4	1187853	5.10588 mg/L	Y 371.029
Ni 216.555	1.02953	mg/L	0.003011	0.3	3411.28	1.02953 mg/L	Y 371.029
Ni 221.648	1.03109	mg/L	0.005629	0.5	1371.51	1.03109 mg/L	Y 371.029
Ni 231.604	1.03439	mg/L	0.004875	0.5	2403.08	1.03439 mg/L	Y 371.029
P 177.434	0.510037	mg/L	0.010638	2.1	56.1237	0.510037 mg/L	Y 371.029
P 213.618	0.511255	mg/L	0.000596	0.1	220.598	0.511255 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.521449	mg/L	0.008441	1.6	62.2194	0.521449 mg/L	Y 371.029
Pb 220.353	1.02603	mg/L	0.005598	0.5	739.353	1.02603 mg/L	Y 371.029
Pb 261.417	0.992085	mg/L	0.001261	0.1	411.771	0.992085 mg/L	Y 371.029
Pb 405.781	0.989444	mg/L	0.007551	0.8	1140.50	0.989444 mg/L	Y 371.029
Sb 206.834	0.893429	mg/L	0.007977	0.9	413.032	0.893429 mg/L	Y 371.029
Sb 231.146	0.874220	mg/L	0.006241	0.7	334.651	0.874220 mg/L	Y 371.029
Sb 259.804	0.831366	mg/L	0.013553	1.6	266.163	0.831366 mg/L	Y 371.029
Se 196.026	1.02477	mg/L	0.015691	1.5	200.828	1.02477 mg/L	Y 371.029
Se 203.985	1.00413	mg/L	0.017180	1.7	118.695	1.00413 mg/L	Y 371.029
Si 250.690	1.02086	mg/L	0.006490	0.6	1115.73	1.02086 mg/L	Y 371.029
Si 251.611	1.02766	mg/L	0.000602	0.1	1226.48	1.02766 mg/L	Y 371.029
Si 288.158	1.00828	mg/L	0.004084	0.4	6737.48	1.00828 mg/L	Y 371.029
Sn 189.927	1.05671	mg/L	0.009111	0.9	222.285	1.05671 mg/L	Y 371.029
Sn 283.998	1.03247	mg/L	0.006283	0.6	1498.33	1.03247 mg/L	Y 371.029
Sr 216.596	0.515647	mg/L	0.002557	0.5	2672.12	0.515647 mg/L	Y 371.029
Sr 407.771	0.481110	mg/L	0.003841	0.8	1217514	0.481110 mg/L	Y 371.029
Sr 421.552	0.481237	mg/L	0.001338	0.3	809553	0.481237 mg/L	Y 371.029
Ti 334.941	0.494884	mg/L	0.004926	1.0	99548.4	0.494884 mg/L	Y 371.029
Ti 336.122	0.505080	mg/L	0.003260	0.6	42961.6	0.505080 mg/L	Y 371.029
Ti 337.280	0.503742	mg/L	0.002669	0.5	14481.1	0.503742 mg/L	Y 371.029
Tl 190.794	0.510604	mg/L	0.004890	1.0	133.694	0.510604 mg/L	Y 371.029
Tl 190.807	0.506418	mg/L	0.007475	1.5	67.4547	0.506418 mg/L	Y 371.029
Tl 351.923	0.504817	mg/L	0.001733	0.3	767.703	0.504817 mg/L	Y 371.029
V 268.796	0.486679	mg/L	0.003553	0.7	4416.39	0.486679 mg/L	Y 371.029
V 292.401	0.501938	mg/L	0.000101	0.0	12322.9	0.501938 mg/L	Y 371.029
V 311.837	0.505330	mg/L	0.001451	0.3	17580.4	0.505330 mg/L	Y 371.029
Zn 202.548	0.538903	mg/L	0.003952	0.7	2836.97	0.538903 mg/L	Y 371.029
Zn 206.200	0.535466	mg/L	0.002017	0.4	940.083	0.535466 mg/L	Y 371.029
Zn 213.857	0.505008	mg/L	0.006866	1.4	6747.61	0.505008 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.613967	7359.61	29.433	0.4
Y 371.029	1.02055	166348	1027.133	0.6

SEQ-CCB5 (Samp) **3/22/2011, 5:07:09 PM** **Rack 1, Tube 57**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000668	mg/L	0.000193	29.0	177.801	0.000668 mg/L	Y 371.029
Ag 338.289	0.000461	mg/L	0.000199	43.2	-0.966250	0.000461 mg/L	Y 371.029
Al 237.312	-0.000475uv	mg/L	0.002735	576.0	37.7267	-0.000475 mg/L	Y 371.029
Al 257.509	0.003248	mg/L	0.003721	114.6	18.3546	0.003248 mg/L	Y 371.029
Al 308.215	-0.006944uv	mg/L	0.000290	4.2	1124.32	-0.006944 mg/L	Y 371.029
As 188.980	0.004619	mg/L	0.001524	33.0	4.46990	0.004619 mg/L	Y 371.029
As 193.696	0.000465uv	mg/L	0.000700	150.5	2.77942	0.000465 mg/L	Y 371.029
As 228.812	0.001937uv	mg/L	0.001869	96.5	6.65263	0.001937 mg/L	Y 371.029
B 182.577	0.006162	mg/L	0.001433	23.3	5.02960	0.006162 mg/L	Y 371.029
B 249.678	0.008327	mg/L	0.001124	13.5	82.0978	0.008327 mg/L	Y 371.029
B 249.772	0.007717	mg/L	0.001226	15.9	141.394	0.007717 mg/L	Y 371.029
Ba 233.527	0.000146	mg/L	0.000020	13.5	149.340	0.000146 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	-0.000121uv	mg/L	0.000005	3.8	4217.28	-0.000121 mg/L	Y 371.029
Ba 493.408	-0.000130uv	mg/L	0.000019	14.7	2775.22	-0.000130 mg/L	Y 371.029
Be 234.861	0.000024	mg/L	0.000020	83.5	0.142844	0.000024 mg/L	Y 371.029
Be 313.042	-0.000032uv	mg/L	0.000008	26.6	374.461	-0.000032 mg/L	Y 371.029
Be 313.107	0.000050	mg/L	0.000016	32.8	34.2192	0.000050 mg/L	Y 371.029
Ca 393.366	0.000296	mg/L	0.000019	6.5	15201.1	0.000296 mg/L	Y 371.029
Ca 396.847	0.000430	mg/L	0.000018	4.2	25867.9	0.000430 mg/L	Y 371.029
Ca 430.253	0.008393	mg/L	0.003184	37.9	517.493	0.008393 mg/L	Y 371.029
Cd 214.439	0.000166	mg/L	0.000063	37.8	3.04165	0.000166 mg/L	Y 371.029
Cd 226.502	-0.000130uv	mg/L	0.000138	106.1	11.2614	-0.000130 mg/L	Y 371.029
Cd 228.802	0.000140uv	mg/L	0.000320	229.0	12.0877	0.000140 mg/L	Y 371.029
Co 228.615	0.000693	mg/L	0.000111	15.9	1.07337	0.000693 mg/L	Y 371.029
Co 230.786	-0.000198uv	mg/L	0.000196	99.4	4.18347	-0.000198 mg/L	Y 371.029
Co 238.892	0.000403	mg/L	0.000178	44.1	3.15964	0.000403 mg/L	Y 371.029
Cr 205.560	0.000498	mg/L	0.000403	80.9	3.61749	0.000498 mg/L	Y 371.029
Cr 206.158	0.001069	mg/L	0.000734	68.6	1.76097	0.001069 mg/L	Y 371.029
Cr 267.716	0.000079uv	mg/L	0.000137	172.0	16.0579	0.000079 mg/L	Y 371.029
Cu 213.598	0.000467	mg/L	0.000425	91.0	1.16583	0.000467 mg/L	Y 371.029
Cu 324.754	-0.001205uv	mg/L	0.000278	23.1	381.792	-0.001205 mg/L	Y 371.029
Cu 327.395	0.000187	mg/L	0.000131	69.6	16.9926	0.000187 mg/L	Y 371.029
Fe 234.350	0.000852	mg/L	0.000314	36.8	18.7433	0.000852 mg/L	Y 371.029
Fe 238.204	0.001945	mg/L	0.000436	22.4	38.6347	0.001945 mg/L	Y 371.029
Fe 259.940	0.001726	mg/L	0.000490	28.4	42.7597	0.001726 mg/L	Y 371.029
Ga 287.423	-0.000483uv	mg/L	0.001124	232.6	5.20081	-0.000483 mg/L	Y 371.029
Ga 294.363	0.000667	mg/L	0.000613	91.9	9.70586	0.000667 mg/L	Y 371.029
Ga 417.204	0.001186	mg/L	0.000907	76.5	47.3979	0.001186 mg/L	Y 371.029
K 766.491	-0.000296uv	mg/L	0.000191	64.7	1522.25	-0.000296 mg/L	Y 371.029
K 769.897	0.009410	mg/L	0.000476	5.1	6020.72	0.009410 mg/L	Y 371.029
Li 610.365	0.000503n	mg/L	0.000200	39.7	13.7755	0.000503 mg/L	Y 371.029
Li 670.783	0.000392	mg/L	0.000018	4.6	40046.5	0.000392 mg/L	Y 371.029
Mg 279.078	0.000869	mg/L	0.000656	75.4	11.7315	0.000869 mg/L	Y 371.029
Mg 280.270	0.000286	mg/L	0.000022	7.5	249.583	0.000286 mg/L	Y 371.029
Mg 285.213	-0.000072uv	mg/L	0.000161	222.6	78.0174	-0.000072 mg/L	Y 371.029
Mn 257.610	0.000372n	mg/L	0.000052	14.1	15.7095	0.000372 mg/L	Y 371.029
Mn 259.372	0.000319	mg/L	0.000024	7.5	38.8952	0.000319 mg/L	Y 371.029
Mn 260.568	0.000263	mg/L	0.000112	42.7	6.06863	0.000263 mg/L	Y 371.029
Mo 202.032	0.018848	mg/L	0.002873	15.2	60.1677	0.018848 mg/L	Y 371.029
Mo 203.846	0.018121	mg/L	0.002895	16.0	25.8595	0.018121 mg/L	Y 371.029
Mo 204.598	0.018645	mg/L	0.002729	14.6	28.6062	0.018645 mg/L	Y 371.029
Na 568.821	0.909407	mg/L	0.059916	6.6	107.978	0.909407 mg/L	Y 371.029
Na 588.995	-0.253638uv	mg/L	0.000378	0.1	112212	-0.253638 mg/L	Y 371.029
Na 589.592	-0.500581uv	mg/L	0.000449	0.1	48631.6	-0.500581 mg/L	Y 371.029
Ni 216.555	0.000942	mg/L	0.000431	45.7	2.78154	0.000942 mg/L	Y 371.029
Ni 221.648	0.000940	mg/L	0.000010	1.1	2.57083	0.000940 mg/L	Y 371.029
Ni 231.604	0.000850	mg/L	0.000415	48.8	3.72200	0.000850 mg/L	Y 371.029
P 177.434	-0.004226uv	mg/L	0.005312	125.7	1.35347	-0.004226 mg/L	Y 371.029
P 213.618	-0.002184uv	mg/L	0.002500	114.4	2.70335	-0.002184 mg/L	Y 371.029
P 214.914	0.001026uv	mg/L	0.010401	1014.2	2.12732	0.001026 mg/L	Y 371.029
Pb 220.353	0.003756	mg/L	0.002014	53.6	3.29916	0.003756 mg/L	Y 371.029
Pb 261.417	0.006892	mg/L	0.006355	92.2	5.22586	0.006892 mg/L	Y 371.029
Pb 405.781	-0.003284uv	mg/L	0.002238	68.2	43.8601	-0.003284 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.036264	mg/L	0.002405	6.6	21.4311	0.036264 mg/L	Y 371.029
Sb 231.146	0.021743	mg/L	0.005733	26.4	13.5495	0.021743 mg/L	Y 371.029
Sb 259.804	0.038491	mg/L	0.005887	15.3	14.3194	0.038491 mg/L	Y 371.029
Se 196.026	0.011206	mg/L	0.005514	49.2	4.51782	0.011206 mg/L	Y 371.029
Se 203.985	0.015717	mg/L	0.008431	53.6	2.91918	0.015717 mg/L	Y 371.029
Si 250.690	0.005419	mg/L	0.001778	32.8	49.6902	0.005419 mg/L	Y 371.029
Si 251.611	0.003019	mg/L	0.001636	54.2	52.7807	0.003019 mg/L	Y 371.029
Si 288.158	-0.000852uv	mg/L	0.000212	24.9	795.271	-0.000852 mg/L	Y 371.029
Sn 189.927	0.001823uv	mg/L	0.002966	162.7	2.42098	0.001823 mg/L	Y 371.029
Sn 283.998	0.002472uv	mg/L	0.002180	88.2	7.30245	0.002472 mg/L	Y 371.029
Sr 216.596	0.000096uv	mg/L	0.000224	232.4	11.7650	0.000096 mg/L	Y 371.029
Sr 407.771	-0.000019uv	mg/L	0.000017	87.8	5372.77	-0.000019 mg/L	Y 371.029
Sr 421.552	-0.000012uv	mg/L	0.000014	120.5	3456.86	-0.000012 mg/L	Y 371.029
Ti 334.941	0.000751	mg/L	0.000182	24.2	203.651	0.000751 mg/L	Y 371.029
Ti 336.122	0.000695	mg/L	0.000209	30.1	84.3903	0.000695 mg/L	Y 371.029
Ti 337.280	0.000896	mg/L	0.000102	11.4	21.7036	0.000896 mg/L	Y 371.029
Tl 190.794	0.000205uv	mg/L	0.003120	1519.3	2.15081	0.000205 mg/L	Y 371.029
Tl 190.807	0.001882uv	mg/L	0.005137	272.9	1.37163	0.001882 mg/L	Y 371.029
Tl 351.923	0.000927uv	mg/L	0.002680	289.1	9.73285	0.000927 mg/L	Y 371.029
V 268.796	0.002162	mg/L	0.000451	20.8	39.4333	0.002162 mg/L	Y 371.029
V 292.401	0.000149uv	mg/L	0.000167	112.6	16.1063	0.000149 mg/L	Y 371.029
V 311.837	0.000803	mg/L	0.000066	8.2	6.67814	0.000803 mg/L	Y 371.029
Zn 202.548	0.003817	mg/L	0.000271	7.1	339.131	0.003817 mg/L	Y 371.029
Zn 206.200	0.004043	mg/L	0.000410	10.2	112.603	0.004043 mg/L	Y 371.029
Zn 213.857	-0.000077uv	mg/L	0.000273	355.8	806.284	-0.000077 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.614270	7363.23	28.449	0.4
Y 371.029	1.02555	167162	423.037	0.3

1113057-DUP1 (Samp) **3/22/2011, 5:15:40 PM** **Rack 1, Tube 58**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 20**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000803	mg/L	0.000199	24.7	187.867	0.016052 mg/L	Y 371.029
Ag 338.289	0.001172	mg/L	0.000619	52.8	0.986779	0.023434 mg/L	Y 371.029
Al 237.312	-0.003004uv	mg/L	0.000619	20.6	33.6480	-0.060084 mg/L	Y 371.029
Al 257.509	0.003469	mg/L	0.003050	87.9	18.6442	0.069377 mg/L	Y 371.029
Al 308.215	-0.006744uv	mg/L	0.000936	13.9	1120.50	-0.134870 mg/L	Y 371.029
As 188.980	0.003717uv	mg/L	0.003839	103.3	4.22384	0.074338 mg/L	Y 371.029
As 193.696	0.000332uv	mg/L	0.001004	302.4	2.76039	0.006642 mg/L	Y 371.029
As 228.812	0.003531	mg/L	0.001296	36.7	8.16183	0.070610 mg/L	Y 371.029
B 182.577	0.006796	mg/L	0.000767	11.3	5.28197	0.135915 mg/L	Y 371.029
B 249.678	0.003397	mg/L	0.000454	13.4	45.3901	0.067948 mg/L	Y 371.029
B 249.772	0.001726	mg/L	0.000191	11.1	135.738	0.034519 mg/L	Y 371.029
Ba 233.527	0.001481	mg/L	0.000083	5.6	191.608	0.029617 mg/L	Y 371.029
Ba 455.403	0.001130	mg/L	0.000009	0.8	5350.59	0.022602 mg/L	Y 371.029
Ba 493.408	0.001105	mg/L	0.000018	1.6	3521.98	0.022108 mg/L	Y 371.029
Be 234.861	0.000029	mg/L	0.000008	27.4	1.64290	0.000589 mg/L	Y 371.029
Be 313.042	-0.000051uv	mg/L	0.000007	14.0	348.212	-0.001018 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000034	mg/L	0.000003	7.9	23.7362	0.000674 mg/L	Y 371.029
Ca 393.366	0.851701	mg/L	0.001165	0.1	1105867	17.0340 mg/L	Y 371.029
Ca 396.847	0.880158	mg/L	0.000764	0.1	1887211	17.6032 mg/L	Y 371.029
Ca 430.253	0.987511	mg/L	0.002525	0.3	3893.56	19.7502 mg/L	Y 371.029
Cd 214.439	0.000598	mg/L	0.000062	10.3	7.99092	0.011967 mg/L	Y 371.029
Cd 226.502	0.000669	mg/L	0.000033	4.9	35.7695	0.013386 mg/L	Y 371.029
Cd 228.802	0.000363	mg/L	0.000072	19.9	14.2120	0.007264 mg/L	Y 371.029
Co 228.615	-0.000419	mg/L	0.000213	50.8	2.93892	-0.008383 mg/L	Y 371.029
Co 230.786	-0.001596uv	mg/L	0.000540	33.8	5.32063	-0.031920 mg/L	Y 371.029
Co 238.892	0.004862	mg/L	0.000747	15.4	8.60358	0.097248 mg/L	Y 371.029
Cr 205.560	-0.000288uv	mg/L	0.000451	156.6	2.87013	-0.005761 mg/L	Y 371.029
Cr 206.158	0.000189	mg/L	0.000485	256.7	1.38108	0.003776 mg/L	Y 371.029
Cr 267.716	-0.000124	mg/L	0.000301	243.7	21.5162	-0.002470 mg/L	Y 371.029
Cu 213.598	0.001916	mg/L	0.000854	44.6	8.69324	0.038313 mg/L	Y 371.029
Cu 324.754	-0.001148uv	mg/L	0.000164	14.3	395.920	-0.022955 mg/L	Y 371.029
Cu 327.395	-0.000176	mg/L	0.000206	117.0	34.3232	-0.003516 mg/L	Y 371.029
Fe 234.350	6.20645	mg/L	0.038504	0.6	41730.3	124.129 mg/L	Y 371.029
Fe 238.204	6.29604	mg/L	0.132092	2.1	86920.0	125.921 mg/L	Y 371.029
Fe 259.940	6.41386	mg/L	0.034866	0.5	78849.0	128.277 mg/L	Y 371.029
Ga 287.423	0.023905	mg/L	0.002167	9.1	84.4282	0.478102 mg/L	Y 371.029
Ga 294.363	0.001891	mg/L	0.001529	80.8	16.7719	0.037813 mg/L	Y 371.029
Ga 417.204	0.001444	mg/L	0.000504	34.9	56.3308	0.028885 mg/L	Y 371.029
K 766.491	0.150453	mg/L	0.000483	0.3	10117.2	3.00906 mg/L	Y 371.029
K 769.897	0.160194	mg/L	0.000852	0.5	12932.2	3.20388 mg/L	Y 371.029
Li 610.365	0.000855n	mg/L	0.000564	66.0	25.5529	0.017101 mg/L	Y 371.029
Li 670.783	0.001196	mg/L	0.000006	0.5	42155.1	0.023922 mg/L	Y 371.029
Mg 279.078	1.04546	mg/L	0.001740	0.2	1166.08	20.9092 mg/L	Y 371.029
Mg 280.270	1.04300	mg/L	0.004374	0.4	81219.2	20.8599 mg/L	Y 371.029
Mg 285.213	1.04278	mg/L	0.009003	0.9	29305.1	20.8557 mg/L	Y 371.029
Mn 257.610	0.151826n	mg/L	0.000738	0.5	17358.7	3.03653 mg/L	Y 371.029
Mn 259.372	0.153428	mg/L	0.000649	0.4	13849.7	3.06857 mg/L	Y 371.029
Mn 260.568	0.156013	mg/L	0.000382	0.2	2358.88	3.12026 mg/L	Y 371.029
Mo 202.032	0.001804	mg/L	0.001440	79.8	16.4276	0.036077 mg/L	Y 371.029
Mo 203.846	0.000692	mg/L	0.000845	122.0	7.00673	0.013850 mg/L	Y 371.029
Mo 204.598	0.000497	mg/L	0.000722	145.1	5.54336	0.009949 mg/L	Y 371.029
Na 568.821	5.50877	mg/L	0.095613	1.7	1204.60	110.175 mg/L	Y 371.029
Na 588.995	6.29310	mg/L	0.002872	0.0	2718695	125.862 mg/L	Y 371.029
Na 589.592	5.87744	mg/L	0.007023	0.1	1343953	117.549 mg/L	Y 371.029
Ni 216.555	-0.001292	mg/L	0.000391	30.3	5.17104	-0.025847 mg/L	Y 371.029
Ni 221.648	-0.002459uv	mg/L	0.000875	35.6	1.77316	-0.049177 mg/L	Y 371.029
Ni 231.604	-0.002349uv	mg/L	0.000593	25.2	2.63356	-0.046979 mg/L	Y 371.029
P 177.434	0.047577	mg/L	0.005372	11.3	6.92613	0.951533 mg/L	Y 371.029
P 213.618	0.039526	mg/L	0.005628	14.2	20.5805	0.790520 mg/L	Y 371.029
P 214.914	0.049365	mg/L	0.007799	15.8	7.85079	0.987293 mg/L	Y 371.029
Pb 220.353	0.003453	mg/L	0.001793	51.9	3.10692	0.069052 mg/L	Y 371.029
Pb 261.417	0.002779uv	mg/L	0.007126	256.4	3.75587	0.055583 mg/L	Y 371.029
Pb 405.781	-0.005824uv	mg/L	0.004536	77.9	41.8287	-0.116472 mg/L	Y 371.029
Sb 206.834	0.006003	mg/L	0.000714	11.9	8.05852	0.120070 mg/L	Y 371.029
Sb 231.146	-0.000234uv	mg/L	0.002213	946.5	5.24526	-0.004677 mg/L	Y 371.029
Sb 259.804	-0.007205uv	mg/L	0.008071	112.0	3.60071	-0.144106 mg/L	Y 371.029
Se 196.026	0.004109	mg/L	0.003352	81.6	3.09353	0.082182 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.019202	mg/L	0.008735	45.5	3.24322	0.384047 mg/L	Y 371.029
Si 250.690	1.13165	mg/L	0.001449	0.1	1225.23	22.6331 mg/L	Y 371.029
Si 251.611	1.15808	mg/L	0.001649	0.1	1351.15	23.1617 mg/L	Y 371.029
Si 288.158	1.12545	mg/L	0.007580	0.7	7424.85	22.5089 mg/L	Y 371.029
Sn 189.927	-0.000353uv	mg/L	0.003509	994.5	2.01047	-0.007056 mg/L	Y 371.029
Sn 283.998	0.000272uv	mg/L	0.001661	611.4	5.13635	0.005435 mg/L	Y 371.029
Sr 216.596	0.005481	mg/L	0.000166	3.0	44.9052	0.109623 mg/L	Y 371.029
Sr 407.771	0.004810	mg/L	0.000053	1.1	18852.4	0.096200 mg/L	Y 371.029
Sr 421.552	0.004793	mg/L	0.000052	1.1	12392.1	0.095867 mg/L	Y 371.029
Ti 334.941	-0.000054	mg/L	0.000072	133.7	75.8906	-0.001074 mg/L	Y 371.029
Ti 336.122	-0.000095uv	mg/L	0.000068	71.7	30.9027	-0.001910 mg/L	Y 371.029
Ti 337.280	0.000361	mg/L	0.000126	34.9	11.2292	0.007215 mg/L	Y 371.029
Tl 190.794	-0.003936uv	mg/L	0.005912	150.2	1.18166	-0.078717 mg/L	Y 371.029
Tl 190.807	0.004698uv	mg/L	0.006860	146.0	1.71988	0.093970 mg/L	Y 371.029
Tl 351.923	0.000549uv	mg/L	0.003017	549.2	8.86129	0.010987 mg/L	Y 371.029
V 268.796	0.000775uv	mg/L	0.000221	28.5	24.3792	0.015490 mg/L	Y 371.029
V 292.401	-0.000048	mg/L	0.000362	751.4	25.1341	-0.000965 mg/L	Y 371.029
V 311.837	0.000212	mg/L	0.000021	9.8	2.38637	0.004231 mg/L	Y 371.029
Zn 202.548	0.007166	mg/L	0.000231	3.2	357.345	0.143318 mg/L	Y 371.029
Zn 206.200	0.008960	mg/L	0.000800	8.9	121.065	0.179205 mg/L	Y 371.029
Zn 213.857	0.003914	mg/L	0.000214	5.5	862.205	0.078272 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.620229	7434.66	54.566	0.7
Y 371.029	1.02994	167878	1260.973	0.8

1113057-PS1 (Samp) **3/22/2011, 5:19:53 PM** **Rack 1, Tube 59**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 20**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.519319	mg/L	0.001265	0.2	22836.7	10.3864 mg/L	Y 371.029
Ag 338.289	0.499476	mg/L	0.001786	0.4	1340.23	9.98951 mg/L	Y 371.029
Al 237.312	4.86518	mg/L	0.001943	0.0	5420.70	97.3035 mg/L	Y 371.029
Al 257.509	4.86364	mg/L	0.024578	0.5	2435.75	97.2729 mg/L	Y 371.029
Al 308.215	5.11716	mg/L	0.004691	0.1	26768.8	102.343 mg/L	Y 371.029
As 188.980	1.01608	mg/L	0.010052	1.0	235.696	20.3217 mg/L	Y 371.029
As 193.696	1.00456	mg/L	0.009407	0.9	288.150	20.0911 mg/L	Y 371.029
As 228.812	1.91371	mg/L	0.014008	0.7	3150.33	38.2743 mg/L	Y 371.029
B 182.577	0.947328	mg/L	0.002843	0.3	331.325	18.9466 mg/L	Y 371.029
B 249.678	0.963329	mg/L	0.008426	0.9	7520.98	19.2666 mg/L	Y 371.029
B 249.772	0.936554	mg/L	0.015230	1.6	13626.9	18.7311 mg/L	Y 371.029
Ba 233.527	1.02509	mg/L	0.003918	0.4	31390.1	20.5018 mg/L	Y 371.029
Ba 455.403	0.962245	mg/L	0.002778	0.3	871142	19.2449 mg/L	Y 371.029
Ba 493.408	0.954562	mg/L	0.001761	0.2	564377	19.0912 mg/L	Y 371.029
Be 234.861	1.01192	mg/L	0.001725	0.2	91887.5	20.2385 mg/L	Y 371.029
Be 313.042	1.03677	mg/L	0.002712	0.3	1378322	20.7354 mg/L	Y 371.029
Be 313.107	1.03715	mg/L	0.002994	0.3	689223	20.7430 mg/L	Y 371.029
Ca 393.366	8.01931	mg/L	0.007860	0.1	10290679	160.386 mg/L	Y 371.029
Ca 396.847	8.91419	mg/L	0.001302	0.0	18884892	178.284 mg/L	Y 371.029
Ca 430.253	10.5748	mg/L	0.030852	0.3	36816.9	211.495 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	1.02942	mg/L	0.007460	0.7	11185.0	20.5884 mg/L	Y 371.029
Cd 226.502	1.02684	mg/L	0.003229	0.3	24893.6	20.5368 mg/L	Y 371.029
Cd 228.802	0.997391	mg/L	0.003449	0.3	10795.5	19.9478 mg/L	Y 371.029
Co 228.615	1.01968	mg/L	0.003741	0.4	6373.49	20.3936 mg/L	Y 371.029
Co 230.786	1.01523	mg/L	0.002204	0.2	4510.13	20.3046 mg/L	Y 371.029
Co 238.892	0.966461	mg/L	0.004471	0.5	4134.77	19.3292 mg/L	Y 371.029
Cr 205.560	1.01789	mg/L	0.006103	0.6	3025.70	20.3577 mg/L	Y 371.029
Cr 206.158	1.03313	mg/L	0.002492	0.2	1275.54	20.6625 mg/L	Y 371.029
Cr 267.716	1.01600	mg/L	0.002012	0.2	16882.5	20.3199 mg/L	Y 371.029
Cu 213.598	1.05014	mg/L	0.004877	0.5	2455.96	21.0029 mg/L	Y 371.029
Cu 324.754	0.971078	mg/L	0.001595	0.2	29077.3	19.4216 mg/L	Y 371.029
Cu 327.395	0.981190	mg/L	0.002576	0.3	39072.5	19.6238 mg/L	Y 371.029
Fe 234.350	11.3891	mg/L	0.014610	0.1	76735.2	227.782 mg/L	Y 371.029
Fe 238.204	11.1271	mg/L	0.053257	0.5	153907	222.542 mg/L	Y 371.029
Fe 259.940	11.2400	mg/L	0.063565	0.6	138405	224.799 mg/L	Y 371.029
Ga 287.423	1.01998	mg/L	0.003308	0.3	1985.02	20.3996 mg/L	Y 371.029
Ga 294.363	0.974715	mg/L	0.000795	0.1	4988.27	19.4943 mg/L	Y 371.029
Ga 417.204	0.963894	mg/L	0.001377	0.1	7605.78	19.2779 mg/L	Y 371.029
K 766.491	9.59884	mg/L	0.032885	0.3	546736	191.977 mg/L	Y 371.029
K 769.897	10.2108	mg/L	0.005590	0.1	469769	204.216 mg/L	Y 371.029
Li 610.365	1.08745n	mg/L	0.003744	0.3	36396.1	21.7490 mg/L	Y 371.029
Li 670.783	1.05302	mg/L	0.002316	0.2	2571619	21.0604 mg/L	Y 371.029
Mg 279.078	11.2641	mg/L	0.022916	0.2	12454.1	225.283 mg/L	Y 371.029
Mg 280.270	10.7520	mg/L	0.047696	0.4	835163	215.039 mg/L	Y 371.029
Mg 285.213	11.5604	mg/L	0.206062	1.8	324093	231.208 mg/L	Y 371.029
Mn 257.610	1.13271n	mg/L	0.007846	0.7	130649	22.6542 mg/L	Y 371.029
Mn 259.372	1.14308	mg/L	0.009979	0.9	101030	22.8615 mg/L	Y 371.029
Mn 260.568	1.16748	mg/L	0.006491	0.6	17659.0	23.3496 mg/L	Y 371.029
Mo 202.032	1.01950	mg/L	0.008757	0.9	2905.64	20.3901 mg/L	Y 371.029
Mo 203.846	1.02197	mg/L	0.010303	1.0	1246.34	20.4395 mg/L	Y 371.029
Mo 204.598	1.01182	mg/L	0.005408	0.5	1444.42	20.2363 mg/L	Y 371.029
Na 568.821	14.2277	mg/L	0.051528	0.4	3275.93	284.553 mg/L	Y 371.029
Na 588.995	15.7612	mg/L	0.069068	0.4	6490651	315.223 mg/L	Y 371.029
Na 589.592	16.8924	mg/L	0.269664	1.6	3582170	337.847 mg/L	Y 371.029
Ni 216.555	1.01845	mg/L	0.003477	0.3	3392.49	20.3690 mg/L	Y 371.029
Ni 221.648	1.02060	mg/L	0.003885	0.4	1364.35	20.4120 mg/L	Y 371.029
Ni 231.604	1.03344	mg/L	0.002489	0.2	2412.61	20.6687 mg/L	Y 371.029
P 177.434	1.05639	mg/L	0.001810	0.2	114.405	21.1277 mg/L	Y 371.029
P 213.618	1.06703	mg/L	0.014605	1.4	456.488	21.3406 mg/L	Y 371.029
P 214.914	1.06285	mg/L	0.005047	0.5	124.473	21.2570 mg/L	Y 371.029
Pb 220.353	1.01995	mg/L	0.005514	0.5	734.972	20.3990 mg/L	Y 371.029
Pb 261.417	0.614194	mg/L	0.012016	2.0	255.678	12.2839 mg/L	Y 371.029
Pb 405.781	0.966567	mg/L	0.004311	0.4	1116.52	19.3313 mg/L	Y 371.029
Sb 206.834	0.742008	mg/L	0.018293	2.5	348.458	14.8402 mg/L	Y 371.029
Sb 231.146	0.756638	mg/L	0.016097	2.1	292.233	15.1328 mg/L	Y 371.029
Sb 259.804	0.422863	mg/L	0.054546	12.9	143.641	8.45727 mg/L	Y 371.029
Se 196.026	1.00002	mg/L	0.016376	1.6	196.070	20.0003 mg/L	Y 371.029
Se 203.985	0.991039	mg/L	0.010013	1.0	120.120	19.8208 mg/L	Y 371.029
Si 250.690	2.14212	mg/L	0.007369	0.3	2294.33	42.8424 mg/L	Y 371.029
Si 251.611	2.18097	mg/L	0.002401	0.1	2528.23	43.6193 mg/L	Y 371.029
Si 288.158	2.10736	mg/L	0.005674	0.3	13215.9	42.1471 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	1.04117	mg/L	0.002930	0.3	219.218	20.8235 mg/L	Y 371.029
Sn 283.998	1.09495	mg/L	0.005936	0.5	1808.91	21.8989 mg/L	Y 371.029
Sr 216.596	1.09134	mg/L	0.004200	0.4	5648.59	21.8269 mg/L	Y 371.029
Sr 407.771	0.996370	mg/L	0.004446	0.4	2516428	19.9274 mg/L	Y 371.029
Sr 421.552	1.00096	mg/L	0.003137	0.3	1680596	20.0193 mg/L	Y 371.029
Ti 334.941	0.981078	mg/L	0.000344	0.0	197357	19.6216 mg/L	Y 371.029
Ti 336.122	0.984431	mg/L	0.000611	0.1	83732.3	19.6886 mg/L	Y 371.029
Ti 337.280	0.993627	mg/L	0.001246	0.1	28574.6	19.8725 mg/L	Y 371.029
Tl 190.794	1.02197	mg/L	0.003730	0.4	265.660	20.4393 mg/L	Y 371.029
Tl 190.807	1.01296	mg/L	0.013410	1.3	132.949	20.2592 mg/L	Y 371.029
Tl 351.923	1.00533	mg/L	0.001839	0.2	1519.83	20.1067 mg/L	Y 371.029
V 268.796	0.920020	mg/L	0.002827	0.3	7764.80	18.4004 mg/L	Y 371.029
V 292.401	1.00842	mg/L	0.002397	0.2	24768.7	20.1684 mg/L	Y 371.029
V 311.837	1.00128	mg/L	0.001355	0.1	34882.5	20.0257 mg/L	Y 371.029
Zn 202.548	1.07158	mg/L	0.003273	0.3	5327.22	21.4317 mg/L	Y 371.029
Zn 206.200	1.07274	mg/L	0.005434	0.5	1777.29	21.4547 mg/L	Y 371.029
Zn 213.857	1.01606	mg/L	0.002316	0.2	12740.5	20.3212 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.613222	7350.67	22.224	0.3
Y 371.029	1.01695	165762	566.541	0.3

11C1255-32 (Samp) **3/22/2011, 5:24:06 PM** **Rack 1, Tube 60**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000818	mg/L	0.000137	16.8	193.681	0.004092 mg/L	Y 371.029
Ag 338.289	0.001971	mg/L	0.001755	89.1	3.11831	0.009856 mg/L	Y 371.029
Al 237.312	0.193871	mg/L	0.003260	1.7	253.997	0.969357 mg/L	Y 371.029
Al 257.509	0.190184	mg/L	0.006910	3.6	112.287	0.950921 mg/L	Y 371.029
Al 308.215	0.194377	mg/L	0.002601	1.3	2122.69	0.971884 mg/L	Y 371.029
As 188.980	0.009090	mg/L	0.002758	30.3	5.38055	0.045450 mg/L	Y 371.029
As 193.696	0.002730uv	mg/L	0.004204	154.0	3.46251	0.013652 mg/L	Y 371.029
As 228.812	0.005897	mg/L	0.001436	24.3	11.0612	0.029486 mg/L	Y 371.029
B 182.577	0.026564	mg/L	0.003831	14.4	12.1415	0.132821 mg/L	Y 371.029
B 249.678	0.017263	mg/L	0.001297	7.5	153.319	0.086317 mg/L	Y 371.029
B 249.772	0.016147	mg/L	0.001979	12.3	267.010	0.080735 mg/L	Y 371.029
Ba 233.527	0.002936	mg/L	0.000069	2.4	237.304	0.014679 mg/L	Y 371.029
Ba 455.403	0.002524	mg/L	0.000005	0.2	6665.58	0.012622 mg/L	Y 371.029
Ba 493.408	0.002490	mg/L	0.000013	0.5	4365.76	0.012451 mg/L	Y 371.029
Be 234.861	0.001267	mg/L	0.000007	0.6	113.250	0.006335 mg/L	Y 371.029
Be 313.042	0.001355	mg/L	0.000008	0.6	2217.33	0.006775 mg/L	Y 371.029
Be 313.107	0.001429	mg/L	0.000003	0.2	951.983	0.007145 mg/L	Y 371.029
Ca 393.366	3.86570	mg/L	0.004079	0.1	4965579	19.3285 mg/L	Y 371.029
Ca 396.847	4.10042	mg/L	0.004322	0.1	8699013	20.5021 mg/L	Y 371.029
Ca 430.253	4.76299	mg/L	0.015081	0.3	16841.7	23.8149 mg/L	Y 371.029
Cd 214.439	0.000802	mg/L	0.000053	6.6	9.94058	0.004010 mg/L	Y 371.029
Cd 226.502	0.000674	mg/L	0.000165	24.4	31.2392	0.003370 mg/L	Y 371.029
Cd 228.802	0.000737	mg/L	0.000238	32.4	18.4756	0.003684 mg/L	Y 371.029
Co 228.615	0.028668	mg/L	0.000673	2.3	175.376	0.143342 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.028578	mg/L	0.000167	0.6	131.702	0.142892 mg/L	Y 371.029
Co 238.892	0.027374	mg/L	0.000375	1.4	119.022	0.136870 mg/L	Y 371.029
Cr 205.560	0.000210uv	mg/L	0.000358	170.5	3.09979	0.001050 mg/L	Y 371.029
Cr 206.158	0.001371	mg/L	0.001381	100.7	2.27050	0.006855 mg/L	Y 371.029
Cr 267.716	0.000562	mg/L	0.000197	35.0	25.9660	0.002808 mg/L	Y 371.029
Cu 213.598	0.000703	mg/L	0.000074	10.5	2.28374	0.003517 mg/L	Y 371.029
Cu 324.754	0.000467uv	mg/L	0.000288	61.7	424.405	0.002334 mg/L	Y 371.029
Cu 327.395	0.001285	mg/L	0.000205	15.9	65.7876	0.006426 mg/L	Y 371.029
Fe 234.350	0.234348	mg/L	0.001447	0.6	1608.90	1.17174 mg/L	Y 371.029
Fe 238.204	0.235619	mg/L	0.001321	0.6	3307.47	1.17809 mg/L	Y 371.029
Fe 259.940	0.231878	mg/L	0.001490	0.6	2895.97	1.15939 mg/L	Y 371.029
Ga 287.423	-0.000476uv	mg/L	0.001333	280.1	6.61825	-0.002379 mg/L	Y 371.029
Ga 294.363	0.000943	mg/L	0.000362	38.4	11.3463	0.004717 mg/L	Y 371.029
Ga 417.204	0.001343	mg/L	0.001012	75.3	49.2010	0.006716 mg/L	Y 371.029
K 766.491	0.273590	mg/L	0.000435	0.2	17152.5	1.36795 mg/L	Y 371.029
K 769.897	0.284656	mg/L	0.001979	0.7	18636.8	1.42328 mg/L	Y 371.029
Li 610.365	0.004423n	mg/L	0.000292	6.6	144.988	0.022116 mg/L	Y 371.029
Li 670.783	0.010060	mg/L	0.000029	0.3	63709.2	0.050301 mg/L	Y 371.029
Mg 279.078	7.02649	mg/L	0.018729	0.3	7765.98	35.1325 mg/L	Y 371.029
Mg 280.270	6.90340	mg/L	0.093479	1.4	536230	34.5170 mg/L	Y 371.029
Mg 285.213	7.18764	mg/L	0.099540	1.4	201361	35.9382 mg/L	Y 371.029
Mn 257.610	0.099689n	mg/L	0.000511	0.5	11432.5	0.498443 mg/L	Y 371.029
Mn 259.372	0.099286	mg/L	0.000332	0.3	8720.78	0.496432 mg/L	Y 371.029
Mn 260.568	0.102510	mg/L	0.000174	0.2	1562.34	0.512550 mg/L	Y 371.029
Mo 202.032	0.014826	mg/L	0.003204	21.6	59.2837	0.074129 mg/L	Y 371.029
Mo 203.846	0.014276	mg/L	0.002147	15.0	25.8437	0.071382 mg/L	Y 371.029
Mo 204.598	0.014740	mg/L	0.001931	13.1	28.6648	0.073698 mg/L	Y 371.029
Na 568.821	9.60551	mg/L	0.033749	0.4	2183.83	48.0276 mg/L	Y 371.029
Na 588.995	10.7006	mg/L	0.023651	0.2	4473464	53.5028 mg/L	Y 371.029
Na 589.592	11.1893	mg/L	0.016880	0.2	2422490	55.9465 mg/L	Y 371.029
Ni 216.555	0.047567	mg/L	0.000889	1.9	157.724	0.237833 mg/L	Y 371.029
Ni 221.648	0.047660	mg/L	0.001571	3.3	64.8652	0.238298 mg/L	Y 371.029
Ni 231.604	0.049300	mg/L	0.001223	2.5	116.777	0.246500 mg/L	Y 371.029
P 177.434	0.007989	mg/L	0.000822	10.3	2.63355	0.039944 mg/L	Y 371.029
P 213.618	-0.003168uv	mg/L	0.000882	27.8	2.58882	-0.015838 mg/L	Y 371.029
P 214.914	0.000928uv	mg/L	0.009330	1005.4	2.15254	0.004640 mg/L	Y 371.029
Pb 220.353	0.003029	mg/L	0.001829	60.4	2.84843	0.015145 mg/L	Y 371.029
Pb 261.417	0.006984	mg/L	0.001681	24.1	5.73783	0.034920 mg/L	Y 371.029
Pb 405.781	0.001202uv	mg/L	0.004978	414.3	50.8979	0.006008 mg/L	Y 371.029
Sb 206.834	0.053156	mg/L	0.000713	1.3	29.8543	0.265781 mg/L	Y 371.029
Sb 231.146	0.049332	mg/L	0.002807	5.7	24.0535	0.246662 mg/L	Y 371.029
Sb 259.804	0.042321	mg/L	0.003256	7.7	15.7464	0.211606 mg/L	Y 371.029
Se 196.026	0.013098	mg/L	0.003058	23.3	4.90331	0.065490 mg/L	Y 371.029
Se 203.985	0.011622	mg/L	0.006935	59.7	2.36509	0.058112 mg/L	Y 371.029
Si 250.690	3.42128	mg/L	0.018756	0.5	3613.65	17.1064 mg/L	Y 371.029
Si 251.611	3.51281	mg/L	0.015046	0.4	3998.28	17.5640 mg/L	Y 371.029
Si 288.158	3.46766	mg/L	0.028895	0.8	21215.7	17.3383 mg/L	Y 371.029
Sn 189.927	-0.000119uv	mg/L	0.000723	608.3	2.06311	-0.000594 mg/L	Y 371.029
Sn 283.998	0.001336uv	mg/L	0.003501	262.0	7.12525	0.006681 mg/L	Y 371.029
Sr 216.596	0.037790	mg/L	0.000422	1.1	219.717	0.188951 mg/L	Y 371.029
Sr 407.771	0.035267	mg/L	0.000124	0.4	100726	0.176335 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.035302	mg/L	0.000157	0.4	66934.0	0.176509 mg/L	Y 371.029
Ti 334.941	0.002234	mg/L	0.000461	20.6	508.842	0.011169 mg/L	Y 371.029
Ti 336.122	0.001887	mg/L	0.000441	23.4	188.404	0.009435 mg/L	Y 371.029
Ti 337.280	0.002556	mg/L	0.000410	16.0	71.4842	0.012782 mg/L	Y 371.029
Tl 190.794	-0.000737uv	mg/L	0.001737	235.7	1.99418	-0.003685 mg/L	Y 371.029
Tl 190.807	0.007259	mg/L	0.001735	23.9	2.04784	0.036295 mg/L	Y 371.029
Tl 351.923	-0.001051uv	mg/L	0.002496	237.6	6.48078	-0.005254 mg/L	Y 371.029
V 268.796	0.000835	mg/L	0.000268	32.0	33.6306	0.004177 mg/L	Y 371.029
V 292.401	0.000139	mg/L	0.000084	60.6	17.4820	0.000693 mg/L	Y 371.029
V 311.837	0.000677	mg/L	0.000063	9.4	3.60234	0.003386 mg/L	Y 371.029
Zn 202.548	0.076812	mg/L	0.000596	0.8	683.331	0.384060 mg/L	Y 371.029
Zn 206.200	0.080401	mg/L	0.000609	0.8	233.059	0.402006 mg/L	Y 371.029
Zn 213.857	0.071950	mg/L	0.000325	0.5	1662.36	0.359751 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.616244	7386.90	48.276	0.7
Y 371.029	1.01313	165138	1240.520	0.8

1113024-BLK1 (Samp) **3/22/2011, 5:27:57 PM** **Rack 3, Tube 1**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000653	mg/L	0.000123	18.8	177.097	0.000653 mg/L	Y 371.029
Ag 338.289	0.000937	mg/L	0.000616	65.7	0.310436	0.000937 mg/L	Y 371.029
Al 237.312	-0.002059uv	mg/L	0.003060	148.6	35.9720	-0.002059 mg/L	Y 371.029
Al 257.509	0.002509uv	mg/L	0.008433	336.1	17.9846	0.002509 mg/L	Y 371.029
Al 308.215	-0.018889uv	mg/L	0.002274	12.0	1064.09	-0.018889 mg/L	Y 371.029
As 188.980	0.037233	mg/L	0.002131	5.7	11.9276	0.037233 mg/L	Y 371.029
As 193.696	0.007354	mg/L	0.006194	84.2	4.73711	0.007354 mg/L	Y 371.029
As 228.812	0.003857	mg/L	0.000214	5.5	9.39248	0.003857 mg/L	Y 371.029
B 182.577	0.020497	mg/L	0.000563	2.7	9.99463	0.020497 mg/L	Y 371.029
B 249.678	0.009430	mg/L	0.000568	6.0	90.7102	0.009430 mg/L	Y 371.029
B 249.772	0.009051	mg/L	0.000455	5.0	160.571	0.009051 mg/L	Y 371.029
Ba 233.527	0.000130	mg/L	0.000024	18.8	148.851	0.000130 mg/L	Y 371.029
Ba 455.403	-0.000322uv	mg/L	0.000014	4.5	4036.56	-0.000322 mg/L	Y 371.029
Ba 493.408	-0.000322uv	mg/L	0.000017	5.4	2662.63	-0.000322 mg/L	Y 371.029
Be 234.861	0.000040	mg/L	0.000005	13.2	1.64184	0.000040 mg/L	Y 371.029
Be 313.042	-0.000041uv	mg/L	0.000005	11.9	361.718	-0.000041 mg/L	Y 371.029
Be 313.107	0.000026	mg/L	0.000004	15.9	18.1169	0.000026 mg/L	Y 371.029
Ca 393.366	0.000898	mg/L	0.000215	23.9	15961.5	0.000898 mg/L	Y 371.029
Ca 396.847	0.000935	mg/L	0.000161	17.3	26936.2	0.000935 mg/L	Y 371.029
Ca 430.253	-0.007356uv	mg/L	0.001961	26.7	463.512	-0.007356 mg/L	Y 371.029
Cd 214.439	0.000533	mg/L	0.000085	15.9	7.02981	0.000533 mg/L	Y 371.029
Cd 226.502	0.000518	mg/L	0.000144	27.7	26.9491	0.000518 mg/L	Y 371.029
Cd 228.802	0.000731	mg/L	0.000151	20.7	18.4841	0.000731 mg/L	Y 371.029
Co 228.615	0.005804	mg/L	0.000222	3.8	32.9019	0.005804 mg/L	Y 371.029
Co 230.786	-0.000848uv	mg/L	0.000093	10.9	1.30956	-0.000848 mg/L	Y 371.029
Co 238.892	0.000489	mg/L	0.000345	70.6	3.52615	0.000489 mg/L	Y 371.029
Cr 205.560	0.000941	mg/L	0.000258	27.5	4.92896	0.000941 mg/L	Y 371.029
Cr 206.158	0.002770	mg/L	0.000464	16.8	3.85687	0.002770 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.001371	mg/L	0.000107	7.8	37.4435	0.001371 mg/L	Y 371.029
Cu 213.598	0.004578	mg/L	0.000260	5.7	10.7014	0.004578 mg/L	Y 371.029
Cu 324.754	-0.001539uv	mg/L	0.000302	19.6	371.904	-0.001539 mg/L	Y 371.029
Cu 327.395	0.000078uv	mg/L	0.000137	176.0	12.6433	0.000078 mg/L	Y 371.029
Fe 234.350	0.001256	mg/L	0.000535	42.6	21.4920	0.001256 mg/L	Y 371.029
Fe 238.204	0.001965	mg/L	0.000125	6.3	38.8884	0.001965 mg/L	Y 371.029
Fe 259.940	0.001805	mg/L	0.000268	14.8	43.7144	0.001805 mg/L	Y 371.029
Ga 287.423	-0.000649uv	mg/L	0.000828	127.5	4.89668	-0.000649 mg/L	Y 371.029
Ga 294.363	0.001089	mg/L	0.000994	91.3	11.8561	0.001089 mg/L	Y 371.029
Ga 417.204	0.000050uv	mg/L	0.000990	1971.5	38.7763	0.000050 mg/L	Y 371.029
K 766.491	0.000418	mg/L	0.000064	15.4	1562.67	0.000418 mg/L	Y 371.029
K 769.897	0.001123uv	mg/L	0.001885	167.8	5643.84	0.001123 mg/L	Y 371.029
Li 610.365	0.000268n	mg/L	0.000106	39.6	5.91991	0.000268 mg/L	Y 371.029
Li 670.783	-0.001353uv	mg/L	0.000010	0.8	35853.3	-0.001353 mg/L	Y 371.029
Mg 279.078	-0.001455uv	mg/L	0.001676	115.2	9.18320	-0.001455 mg/L	Y 371.029
Mg 280.270	0.000197	mg/L	0.000080	40.5	242.773	0.000197 mg/L	Y 371.029
Mg 285.213	-0.000514uv	mg/L	0.000097	18.8	65.8873	-0.000514 mg/L	Y 371.029
Mn 257.610	0.000333n	mg/L	0.000051	15.2	11.0045	0.000333 mg/L	Y 371.029
Mn 259.372	0.000196	mg/L	0.000001	0.6	25.6752	0.000196 mg/L	Y 371.029
Mn 260.568	0.000186	mg/L	0.000041	22.1	4.91222	0.000186 mg/L	Y 371.029
Mo 202.032	-0.000678uv	mg/L	0.000464	68.4	4.98646	-0.000678 mg/L	Y 371.029
Mo 203.846	0.009071	mg/L	0.001066	11.8	14.9260	0.009071 mg/L	Y 371.029
Mo 204.598	0.000410uv	mg/L	0.000544	132.5	2.78972	0.000410 mg/L	Y 371.029
Na 568.821	0.892641	mg/L	0.011850	1.3	103.999	0.892641 mg/L	Y 371.029
Na 588.995	-0.274551uv	mg/L	0.000385	0.1	103886	-0.274551 mg/L	Y 371.029
Na 589.592	-0.514443uv	mg/L	0.000801	0.2	45816.6	-0.514443 mg/L	Y 371.029
Ni 216.555	0.000760	mg/L	0.000197	26.0	2.18239	0.000760 mg/L	Y 371.029
Ni 221.648	0.002487	mg/L	0.000872	35.1	4.62652	0.002487 mg/L	Y 371.029
Ni 231.604	0.000277	mg/L	0.000251	90.8	2.39253	0.000277 mg/L	Y 371.029
P 177.434	0.062927	mg/L	0.004246	6.7	8.50735	0.062927 mg/L	Y 371.029
P 213.618	-0.001692uv	mg/L	0.002454	145.0	2.91660	-0.001692 mg/L	Y 371.029
P 214.914	0.014423	mg/L	0.012013	83.3	3.64341	0.014423 mg/L	Y 371.029
Pb 220.353	0.003844	mg/L	0.001204	31.3	3.36289	0.003844 mg/L	Y 371.029
Pb 261.417	0.005534	mg/L	0.003520	63.6	4.66315	0.005534 mg/L	Y 371.029
Pb 405.781	-0.004345uv	mg/L	0.005073	116.7	42.6739	-0.004345 mg/L	Y 371.029
Sb 206.834	0.004398	mg/L	0.002136	48.6	7.01247	0.004398 mg/L	Y 371.029
Sb 231.146	-0.010618uv	mg/L	0.002386	22.5	1.45994	-0.010618 mg/L	Y 371.029
Sb 259.804	0.006245	mg/L	0.003669	58.7	4.10182	0.006245 mg/L	Y 371.029
Se 196.026	0.063348	mg/L	0.000405	0.6	14.6072	0.063348 mg/L	Y 371.029
Se 203.985	0.010104	mg/L	0.004205	41.6	2.28877	0.010104 mg/L	Y 371.029
Si 250.690	0.023123	mg/L	0.001871	8.1	68.1475	0.023123 mg/L	Y 371.029
Si 251.611	0.021410	mg/L	0.000201	0.9	73.2813	0.021410 mg/L	Y 371.029
Si 288.158	0.012891	mg/L	0.000704	5.5	876.139	0.012891 mg/L	Y 371.029
Sn 189.927	0.019853	mg/L	0.004844	24.4	6.17720	0.019853 mg/L	Y 371.029
Sn 283.998	0.000320uv	mg/L	0.000745	232.4	5.40421	0.000320 mg/L	Y 371.029
Sr 216.596	0.000889	mg/L	0.000217	24.4	15.8419	0.000889 mg/L	Y 371.029
Sr 407.771	-0.000100uv	mg/L	0.000019	19.2	5174.21	-0.000100 mg/L	Y 371.029
Sr 421.552	-0.000070uv	mg/L	0.000028	39.4	3360.99	-0.000070 mg/L	Y 371.029
Ti 334.941	-0.000061uv	mg/L	0.000071	115.8	40.6264	-0.000061 mg/L	Y 371.029
Ti 336.122	-0.000069uv	mg/L	0.000049	70.8	19.4790	-0.000069 mg/L	Y 371.029
Ti 337.280	0.000472	mg/L	0.000105	22.3	9.51888	0.000472 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	-0.010587uv	mg/L	0.002159	20.4	-0.622691	-0.010587 mg/L	Y 371.029
Tl 190.807	0.139904	mg/L	0.006129	4.4	19.2765	0.139904 mg/L	Y 371.029
Tl 351.923	0.001955uv	mg/L	0.003409	174.4	11.2729	0.001955 mg/L	Y 371.029
V 268.796	0.000221uv	mg/L	0.000204	92.4	18.9701	0.000221 mg/L	Y 371.029
V 292.401	0.000121uv	mg/L	0.000110	90.7	15.4273	0.000121 mg/L	Y 371.029
V 311.837	0.000762	mg/L	0.000090	11.8	5.27296	0.000762 mg/L	Y 371.029
Zn 202.548	0.008296	mg/L	0.000342	4.1	359.979	0.008296 mg/L	Y 371.029
Zn 206.200	0.010671	mg/L	0.000549	5.1	122.887	0.010671 mg/L	Y 371.029
Zn 213.857	0.000062uv	mg/L	0.000114	182.2	807.974	0.000062 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.629747	7548.76	44.465	0.6
Y 371.029	1.05630	172176	1104.458	0.6

1113024-BS1 (Samp) **3/22/2011, 5:30:57 PM** **Rack 3, Tube 2**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.503849	mg/L	0.001019	0.2	22155.3	0.503849 mg/L	Y 371.029
Ag 338.289	0.485306	mg/L	0.003291	0.7	1301.98	0.485306 mg/L	Y 371.029
Al 237.312	4.66501	mg/L	0.017951	0.4	5200.29	4.66501 mg/L	Y 371.029
Al 257.509	4.62973	mg/L	0.032996	0.7	2319.09	4.62973 mg/L	Y 371.029
Al 308.215	4.78810	mg/L	0.002925	0.1	25104.1	4.78810 mg/L	Y 371.029
As 188.980	1.18306	mg/L	0.001050	0.1	273.917	1.18306 mg/L	Y 371.029
As 193.696	1.12843	mg/L	0.006056	0.5	323.355	1.12843 mg/L	Y 371.029
As 228.812	1.80159	mg/L	0.005076	0.3	3004.73	1.80159 mg/L	Y 371.029
B 182.577	0.925102	mg/L	0.007431	0.8	323.602	0.925102 mg/L	Y 371.029
B 249.678	0.924732	mg/L	0.003938	0.4	7220.17	0.924732 mg/L	Y 371.029
B 249.772	0.915965	mg/L	0.004804	0.5	13247.2	0.915965 mg/L	Y 371.029
Ba 233.527	1.03408	mg/L	0.003238	0.3	31662.2	1.03408 mg/L	Y 371.029
Ba 455.403	0.969426	mg/L	0.002903	0.3	877601	0.969426 mg/L	Y 371.029
Ba 493.408	0.963970	mg/L	0.003375	0.4	569887	0.963970 mg/L	Y 371.029
Be 234.861	0.986655	mg/L	0.001289	0.1	89592.9	0.986655 mg/L	Y 371.029
Be 313.042	1.12559	mg/L	0.002756	0.2	1496361	1.12559 mg/L	Y 371.029
Be 313.107	1.12678	mg/L	0.002437	0.2	748785	1.12678 mg/L	Y 371.029
Ca 393.366	7.47767	mg/L	0.014489	0.2	9595880	7.47767 mg/L	Y 371.029
Ca 396.847	8.30889	mg/L	0.015511	0.2	17603616	8.30889 mg/L	Y 371.029
Ca 430.253	8.62080	mg/L	0.016917	0.2	30097.8	8.62080 mg/L	Y 371.029
Cd 214.439	1.06218	mg/L	0.014543	1.4	11541.0	1.06218 mg/L	Y 371.029
Cd 226.502	1.04736	mg/L	0.002023	0.2	25385.1	1.04736 mg/L	Y 371.029
Cd 228.802	0.976147	mg/L	0.006633	0.7	10566.9	0.976147 mg/L	Y 371.029
Co 228.615	1.03429	mg/L	0.000975	0.1	6455.28	1.03429 mg/L	Y 371.029
Co 230.786	1.02628	mg/L	0.002575	0.3	4551.03	1.02628 mg/L	Y 371.029
Co 238.892	0.998056	mg/L	0.001290	0.1	4284.95	0.998056 mg/L	Y 371.029
Cr 205.560	1.04017	mg/L	0.004217	0.4	3089.83	1.04017 mg/L	Y 371.029
Cr 206.158	1.04772	mg/L	0.008105	0.8	1292.73	1.04772 mg/L	Y 371.029
Cr 267.716	1.04881	mg/L	0.002574	0.2	17415.9	1.04881 mg/L	Y 371.029
Cu 213.598	1.06756	mg/L	0.007216	0.7	2490.59	1.06756 mg/L	Y 371.029
Cu 324.754	0.948677	mg/L	0.002873	0.3	28402.0	0.948677 mg/L	Y 371.029
Cu 327.395	0.962425	mg/L	0.004091	0.4	38293.1	0.962425 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	4.82302	mg/L	0.052973	1.1	32593.8	4.82302 mg/L	Y 371.029
Fe 238.204	4.88450	mg/L	0.054161	1.1	67719.0	4.88450 mg/L	Y 371.029
Fe 259.940	4.92483	mg/L	0.073371	1.5	60778.7	4.92483 mg/L	Y 371.029
Ga 287.423	0.919135	mg/L	0.003522	0.4	1761.88	0.919135 mg/L	Y 371.029
Ga 294.363	0.921775	mg/L	0.001985	0.2	4717.29	0.921775 mg/L	Y 371.029
Ga 417.204	0.888570	mg/L	0.003567	0.4	7028.60	0.888570 mg/L	Y 371.029
K 766.491	9.13819	mg/L	0.010668	0.1	520538	9.13819 mg/L	Y 371.029
K 769.897	9.82908	mg/L	0.016879	0.2	452341	9.82908 mg/L	Y 371.029
Li 610.365	0.937551n	mg/L	0.002166	0.2	31378.7	0.937551 mg/L	Y 371.029
Li 670.783	0.927394	mg/L	0.002425	0.3	2269438	0.927394 mg/L	Y 371.029
Mg 279.078	9.39286	mg/L	0.013631	0.1	10389.7	9.39286 mg/L	Y 371.029
Mg 280.270	9.99703	mg/L	0.025215	0.3	776537	9.99703 mg/L	Y 371.029
Mg 285.213	9.50371	mg/L	0.201592	2.1	266542	9.50371 mg/L	Y 371.029
Mn 257.610	1.00032n	mg/L	0.004757	0.5	115442	1.00032 mg/L	Y 371.029
Mn 259.372	1.00761	mg/L	0.005222	0.5	88610.7	1.00761 mg/L	Y 371.029
Mn 260.568	1.03234	mg/L	0.003882	0.4	15614.5	1.03234 mg/L	Y 371.029
Mo 202.032	0.622180	mg/L	0.021259	3.4	1777.52	0.622180 mg/L	Y 371.029
Mo 203.846	0.629214	mg/L	0.019867	3.2	769.444	0.629214 mg/L	Y 371.029
Mo 204.598	0.616065	mg/L	0.020541	3.3	881.011	0.616065 mg/L	Y 371.029
Na 568.821	8.56103	mg/L	0.036526	0.4	1925.75	8.56103 mg/L	Y 371.029
Na 588.995	9.30481	mg/L	0.035050	0.4	3919979	9.30481 mg/L	Y 371.029
Na 589.592	9.75519	mg/L	0.027186	0.3	2132672	9.75519 mg/L	Y 371.029
Ni 216.555	1.03196	mg/L	0.000905	0.1	3426.92	1.03196 mg/L	Y 371.029
Ni 221.648	1.03875	mg/L	0.007504	0.7	1384.53	1.03875 mg/L	Y 371.029
Ni 231.604	1.03851	mg/L	0.002670	0.3	2417.61	1.03851 mg/L	Y 371.029
P 177.434	1.16868	mg/L	0.011879	1.0	126.319	1.16868 mg/L	Y 371.029
P 213.618	1.09141	mg/L	0.015382	1.4	466.303	1.09141 mg/L	Y 371.029
P 214.914	1.08550	mg/L	0.012971	1.2	126.557	1.08550 mg/L	Y 371.029
Pb 220.353	0.766008	mg/L	0.106929	14.0	552.131	0.766008 mg/L	Y 371.029
Pb 261.417	0.517068	mg/L	0.099673	19.3	215.288	0.517068 mg/L	Y 371.029
Pb 405.781	0.717898	mg/L	0.103061	14.4	841.038	0.717898 mg/L	Y 371.029
Sb 206.834	0.623789	mg/L	0.022692	3.6	294.425	0.623789 mg/L	Y 371.029
Sb 231.146	0.657422	mg/L	0.027906	4.2	254.645	0.657422 mg/L	Y 371.029
Sb 259.804	0.413678	mg/L	0.021823	5.3	136.792	0.413678 mg/L	Y 371.029
Se 196.026	1.28629	mg/L	0.034680	2.7	251.515	1.28629 mg/L	Y 371.029
Se 203.985	1.17126	mg/L	0.037352	3.2	140.949	1.17126 mg/L	Y 371.029
Si 250.690	1.01835	mg/L	0.002157	0.2	1121.38	1.01835 mg/L	Y 371.029
Si 251.611	1.02012	mg/L	0.003757	0.4	1216.20	1.02012 mg/L	Y 371.029
Si 288.158	0.993802	mg/L	0.002287	0.2	6662.56	0.993802 mg/L	Y 371.029
Sn 189.927	0.773093	mg/L	0.022126	2.9	163.320	0.773093 mg/L	Y 371.029
Sn 283.998	0.855994	mg/L	0.020127	2.4	1520.83	0.855994 mg/L	Y 371.029
Sr 216.596	1.09362	mg/L	0.000543	0.0	5654.93	1.09362 mg/L	Y 371.029
Sr 407.771	1.01288	mg/L	0.009323	0.9	2556540	1.01288 mg/L	Y 371.029
Sr 421.552	1.01257	mg/L	0.003702	0.4	1699079	1.01257 mg/L	Y 371.029
Ti 334.941	0.961532	mg/L	0.016581	1.7	193394	0.961532 mg/L	Y 371.029
Ti 336.122	0.965408	mg/L	0.016016	1.7	82101.1	0.965408 mg/L	Y 371.029
Ti 337.280	0.972885	mg/L	0.014210	1.5	27972.9	0.972885 mg/L	Y 371.029
Tl 190.794	0.973645	mg/L	0.007384	0.8	253.162	0.973645 mg/L	Y 371.029
Tl 190.807	1.11368	mg/L	0.020096	1.8	145.709	1.11368 mg/L	Y 371.029
Tl 351.923	0.939023	mg/L	0.006573	0.7	1420.67	0.939023 mg/L	Y 371.029
V 268.796	0.914869	mg/L	0.008102	0.9	7482.16	0.914869 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	1.01581	mg/L	0.011560	1.1	24934.7	1.01581 mg/L	Y 371.029
V 311.837	1.01084	mg/L	0.007299	0.7	35197.1	1.01084 mg/L	Y 371.029
Zn 202.548	1.13089	mg/L	0.004847	0.4	5599.49	1.13089 mg/L	Y 371.029
Zn 206.200	1.12492	mg/L	0.002949	0.3	1857.06	1.12492 mg/L	Y 371.029
Zn 213.857	1.00269	mg/L	0.008160	0.8	12573.5	1.00269 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.624559	7486.57	26.470	0.4
Y 371.029	1.05038	171211	462.684	0.3

11C0940-01 (Samp) **3/22/2011, 5:35:12 PM** **Rack 3, Tube 3**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000621	mg/L	0.000163	26.2	177.994	0.000621 mg/L	Y 371.029
Ag 338.289	0.001183	mg/L	0.000413	34.9	1.01063	0.001183 mg/L	Y 371.029
Al 237.312	2.31463	mg/L	0.027307	1.2	2597.49	2.31463 mg/L	Y 371.029
Al 257.509	2.34892	mg/L	0.039378	1.7	1184.24	2.34892 mg/L	Y 371.029
Al 308.215	2.32991	mg/L	0.014306	0.6	12766.5	2.32991 mg/L	Y 371.029
As 188.980	0.038108	mg/L	0.001059	2.8	12.1175	0.038108 mg/L	Y 371.029
As 193.696	0.002847	mg/L	0.001118	39.3	3.48394	0.002847 mg/L	Y 371.029
As 228.812	0.040726	mg/L	0.007809	19.2	73.5957	0.040726 mg/L	Y 371.029
B 182.577	1.61497	mg/L	0.013089	0.8	562.169	1.61497 mg/L	Y 371.029
B 249.678	1.65428	mg/L	0.014125	0.9	12884.6	1.65428 mg/L	Y 371.029
B 249.772	1.64206	mg/L	0.016338	1.0	23597.1	1.64206 mg/L	Y 371.029
Ba 233.527	0.006365	mg/L	0.000901	14.2	339.766	0.006365 mg/L	Y 371.029
Ba 455.403	0.006071	mg/L	0.000638	10.5	9814.04	0.006071 mg/L	Y 371.029
Ba 493.408	0.006028	mg/L	0.000641	10.6	6410.69	0.006028 mg/L	Y 371.029
Be 234.861	0.000060	mg/L	0.000033	55.8	3.52876	0.000060 mg/L	Y 371.029
Be 313.042	-0.000053uv	mg/L	0.000004	7.7	343.279	-0.000053 mg/L	Y 371.029
Be 313.107	0.000028	mg/L	0.000003	12.1	18.8482	0.000028 mg/L	Y 371.029
Ca 393.366	0.097477	mg/L	0.000593	0.6	140278	0.097477 mg/L	Y 371.029
Ca 396.847	0.100942	mg/L	0.000602	0.6	238890	0.100942 mg/L	Y 371.029
Ca 430.253	0.091581	mg/L	0.003444	3.8	811.045	0.091581 mg/L	Y 371.029
Cd 214.439	0.025007	mg/L	0.002941	11.8	272.909	0.025007 mg/L	Y 371.029
Cd 226.502	0.025049	mg/L	0.002843	11.3	621.265	0.025049 mg/L	Y 371.029
Cd 228.802	0.023533	mg/L	0.002855	12.1	265.090	0.023533 mg/L	Y 371.029
Co 228.615	0.012345	mg/L	0.000338	2.7	74.6380	0.012345 mg/L	Y 371.029
Co 230.786	0.005535	mg/L	0.000085	1.5	29.5940	0.005535 mg/L	Y 371.029
Co 238.892	0.005852	mg/L	0.000346	5.9	26.4950	0.005852 mg/L	Y 371.029
Cr 205.560	0.001171	mg/L	0.000324	27.7	7.37935	0.001171 mg/L	Y 371.029
Cr 206.158	0.002763	mg/L	0.000138	5.0	4.60193	0.002763 mg/L	Y 371.029
Cr 267.716	0.001702	mg/L	0.000240	14.1	52.7965	0.001702 mg/L	Y 371.029
Cu 213.598	0.008706	mg/L	0.001328	15.3	20.6104	0.008706 mg/L	Y 371.029
Cu 324.754	0.003752	mg/L	0.000594	15.8	526.342	0.003752 mg/L	Y 371.029
Cu 327.395	0.005156	mg/L	0.000631	12.2	217.309	0.005156 mg/L	Y 371.029
Fe 234.350	0.088889	mg/L	0.005270	5.9	654.509	0.088889 mg/L	Y 371.029
Fe 238.204	0.091043	mg/L	0.004617	5.1	1361.42	0.091043 mg/L	Y 371.029
Fe 259.940	0.091789	mg/L	0.005248	5.7	1232.18	0.091789 mg/L	Y 371.029
Ga 287.423	0.001067	mg/L	0.001203	112.8	9.40170	0.001067 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.001557	mg/L	0.000439	28.2	14.8704	0.001557 mg/L	Y 371.029
Ga 417.204	-0.001075	mg/L	0.000394	36.7	64.0811	-0.001075 mg/L	Y 371.029
K 766.491	1.32719	mg/L	0.005535	0.4	76907.0	1.32719 mg/L	Y 371.029
K 769.897	1.32623	mg/L	0.015932	1.2	65871.7	1.32623 mg/L	Y 371.029
Li 610.365	0.002054n	mg/L	0.000203	9.9	65.6894	0.002054 mg/L	Y 371.029
Li 670.783	0.003340	mg/L	0.000053	1.6	47218.8	0.003340 mg/L	Y 371.029
Mg 279.078	0.171595	mg/L	0.002999	1.7	200.278	0.171595 mg/L	Y 371.029
Mg 280.270	0.197572	mg/L	0.001708	0.9	15574.7	0.197572 mg/L	Y 371.029
Mg 285.213	0.169972	mg/L	0.002256	1.3	4842.05	0.169972 mg/L	Y 371.029
Mn 257.610	-0.002857n	mg/L	0.000016	0.6	149.691	-0.002857 mg/L	Y 371.029
Mn 259.372	0.000577	mg/L	0.000057	9.8	142.992	0.000577 mg/L	Y 371.029
Mn 260.568	0.000579	mg/L	0.000176	30.3	23.5325	0.000579 mg/L	Y 371.029
Mo 202.032	0.009447	mg/L	0.001172	12.4	39.0574	0.009447 mg/L	Y 371.029
Mo 203.846	0.017228	mg/L	0.000928	5.4	27.2441	0.017228 mg/L	Y 371.029
Mo 204.598	0.008964	mg/L	0.001831	20.4	17.7672	0.008964 mg/L	Y 371.029
Na 568.821	3.62892	mg/L	0.032277	0.9	755.565	3.62892 mg/L	Y 371.029
Na 588.995	3.71886	mg/L	0.019490	0.5	1693803	3.71886 mg/L	Y 371.029
Na 589.592	3.33937	mg/L	0.020249	0.6	828410	3.33937 mg/L	Y 371.029
Ni 216.555	0.002160	mg/L	0.000197	9.1	7.23397	0.002160 mg/L	Y 371.029
Ni 221.648	0.003226	mg/L	0.000222	6.9	5.82494	0.003226 mg/L	Y 371.029
Ni 231.604	0.000920	mg/L	0.000453	49.3	4.16880	0.000920 mg/L	Y 371.029
P 177.434	0.465204	mg/L	0.013037	2.8	51.3432	0.465204 mg/L	Y 371.029
P 213.618	0.393229	mg/L	0.002586	0.7	169.257	0.393229 mg/L	Y 371.029
P 214.914	0.392409	mg/L	0.003814	1.0	46.4706	0.392409 mg/L	Y 371.029
Pb 220.353	0.053380	mg/L	0.006251	11.7	39.0210	0.053380 mg/L	Y 371.029
Pb 261.417	0.043415	mg/L	0.002166	5.0	20.4400	0.043415 mg/L	Y 371.029
Pb 405.781	0.037087	mg/L	0.007187	19.4	88.8071	0.037087 mg/L	Y 371.029
Sb 206.834	0.014068	mg/L	0.000191	1.4	12.6381	0.014068 mg/L	Y 371.029
Sb 231.146	-0.008293uv	mg/L	0.000536	6.5	3.22624	-0.008293 mg/L	Y 371.029
Sb 259.804	0.003930	mg/L	0.004999	127.2	4.04668	0.003930 mg/L	Y 371.029
Se 196.026	0.076984	mg/L	0.009735	12.6	17.3036	0.076984 mg/L	Y 371.029
Se 203.985	0.007614	mg/L	0.006263	82.3	1.98686	0.007614 mg/L	Y 371.029
Si 250.690	1.41048	mg/L	0.002510	0.2	1515.48	1.41048 mg/L	Y 371.029
Si 251.611	1.44485	mg/L	0.007764	0.5	1673.54	1.44485 mg/L	Y 371.029
Si 288.158	1.40451	mg/L	0.005902	0.4	9068.99	1.40451 mg/L	Y 371.029
Sn 189.927	0.030850	mg/L	0.002137	6.9	8.49025	0.030850 mg/L	Y 371.029
Sn 283.998	0.005100	mg/L	0.002161	42.4	12.2362	0.005100 mg/L	Y 371.029
Sr 216.596	0.007718	mg/L	0.000195	2.5	51.2510	0.007718 mg/L	Y 371.029
Sr 407.771	0.007153	mg/L	0.000053	0.7	23497.7	0.007153 mg/L	Y 371.029
Sr 421.552	0.007160	mg/L	0.000038	0.5	15508.1	0.007160 mg/L	Y 371.029
Ti 334.941	0.090553	mg/L	0.002360	2.6	18279.3	0.090553 mg/L	Y 371.029
Ti 336.122	0.091255	mg/L	0.002340	2.6	7791.65	0.091255 mg/L	Y 371.029
Ti 337.280	0.091016	mg/L	0.002472	2.7	2615.56	0.091016 mg/L	Y 371.029
Tl 190.794	-0.010003uv	mg/L	0.002265	22.6	-0.426989	-0.010003 mg/L	Y 371.029
Tl 190.807	0.153063	mg/L	0.003920	2.6	20.9901	0.153063 mg/L	Y 371.029
Tl 351.923	0.002367uv	mg/L	0.003965	167.5	11.9017	0.002367 mg/L	Y 371.029
V 268.796	0.001474	mg/L	0.000233	15.8	38.3333	0.001474 mg/L	Y 371.029
V 292.401	0.001132	mg/L	0.000151	13.3	48.6588	0.001132 mg/L	Y 371.029
V 311.837	0.001467	mg/L	0.000190	13.0	37.9074	0.001467 mg/L	Y 371.029
Zn 202.548	0.029850	mg/L	0.001440	4.8	462.094	0.029850 mg/L	Y 371.029
Zn 206.200	0.032266	mg/L	0.001535	4.8	157.077	0.032266 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.018645	mg/L	0.001632	8.8	1029.84	0.018645 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.633067	7588.55	4.881	0.1
Y 371.029	1.06536	173652	193.833	0.1

1113024-DUP1 (Samp) **3/22/2011, 5:39:25 PM** **Rack 3, Tube 4**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000423	mg/L	0.000143	33.7	169.321	0.000423 mg/L	Y 371.029
Ag 338.289	0.001211uv	mg/L	0.001086	89.7	1.09007	0.001211 mg/L	Y 371.029
Al 237.312	2.34249	mg/L	0.013416	0.6	2628.28	2.34249 mg/L	Y 371.029
Al 257.509	2.36492	mg/L	0.034783	1.5	1192.19	2.36492 mg/L	Y 371.029
Al 308.215	2.34306	mg/L	0.014974	0.6	12831.4	2.34306 mg/L	Y 371.029
As 188.980	0.035043	mg/L	0.002173	6.2	11.4168	0.035043 mg/L	Y 371.029
As 193.696	0.002498uv	mg/L	0.007749	310.2	3.38451	0.002498 mg/L	Y 371.029
As 228.812	0.035557	mg/L	0.003447	9.7	68.2718	0.035557 mg/L	Y 371.029
B 182.577	1.64209	mg/L	0.005712	0.3	571.562	1.64209 mg/L	Y 371.029
B 249.678	1.66568	mg/L	0.010992	0.7	12973.3	1.66568 mg/L	Y 371.029
B 249.772	1.65367	mg/L	0.019562	1.2	23766.1	1.65367 mg/L	Y 371.029
Ba 233.527	0.006533	mg/L	0.000548	8.4	344.874	0.006533 mg/L	Y 371.029
Ba 455.403	0.006081	mg/L	0.000568	9.3	9822.56	0.006081 mg/L	Y 371.029
Ba 493.408	0.006010	mg/L	0.000559	9.3	6400.61	0.006010 mg/L	Y 371.029
Be 234.861	0.000046	mg/L	0.000013	27.9	2.27600	0.000046 mg/L	Y 371.029
Be 313.042	-0.000049uv	mg/L	0.000003	5.6	349.076	-0.000049 mg/L	Y 371.029
Be 313.107	0.000020	mg/L	0.000002	9.7	13.5722	0.000020 mg/L	Y 371.029
Ca 393.366	0.086428	mg/L	0.000562	0.7	126126	0.086428 mg/L	Y 371.029
Ca 396.847	0.089495	mg/L	0.000565	0.6	214681	0.089495 mg/L	Y 371.029
Ca 430.253	0.073691	mg/L	0.000410	0.6	749.883	0.073691 mg/L	Y 371.029
Cd 214.439	0.025347	mg/L	0.002589	10.2	276.600	0.025347 mg/L	Y 371.029
Cd 226.502	0.025374	mg/L	0.002543	10.0	629.152	0.025374 mg/L	Y 371.029
Cd 228.802	0.023939	mg/L	0.002323	9.7	269.474	0.023939 mg/L	Y 371.029
Co 228.615	0.012274	mg/L	0.000511	4.2	74.2555	0.012274 mg/L	Y 371.029
Co 230.786	0.005497	mg/L	0.000372	6.8	29.4272	0.005497 mg/L	Y 371.029
Co 238.892	0.006447	mg/L	0.000256	4.0	29.0347	0.006447 mg/L	Y 371.029
Cr 205.560	0.001162	mg/L	0.000226	19.5	7.37425	0.001162 mg/L	Y 371.029
Cr 206.158	0.002782	mg/L	0.000373	13.4	4.63306	0.002782 mg/L	Y 371.029
Cr 267.716	0.001898	mg/L	0.000383	20.2	56.1802	0.001898 mg/L	Y 371.029
Cu 213.598	0.010329	mg/L	0.000472	4.6	24.3649	0.010329 mg/L	Y 371.029
Cu 324.754	0.004519	mg/L	0.000650	14.4	548.979	0.004519 mg/L	Y 371.029
Cu 327.395	0.005936	mg/L	0.000573	9.6	248.359	0.005936 mg/L	Y 371.029
Fe 234.350	0.095743	mg/L	0.005500	5.7	701.032	0.095743 mg/L	Y 371.029
Fe 238.204	0.098231	mg/L	0.004200	4.3	1461.62	0.098231 mg/L	Y 371.029
Fe 259.940	0.098274	mg/L	0.005531	5.6	1312.77	0.098274 mg/L	Y 371.029
Ga 287.423	0.001227	mg/L	0.000751	61.2	9.74301	0.001227 mg/L	Y 371.029
Ga 294.363	0.002049	mg/L	0.000214	10.4	17.3726	0.002049 mg/L	Y 371.029
Ga 417.204	-0.001224	mg/L	0.000743	60.7	64.5393	-0.001224 mg/L	Y 371.029
K 766.491	1.33472	mg/L	0.005571	0.4	77334.5	1.33472 mg/L	Y 371.029
K 769.897	1.32921	mg/L	0.005812	0.4	66006.6	1.32921 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.002007n	mg/L	0.000580	28.9	64.1001	0.002007 mg/L	Y 371.029
Li 670.783	0.003160	mg/L	0.000024	0.7	46786.5	0.003160 mg/L	Y 371.029
Mg 279.078	0.171453	mg/L	0.000986	0.6	200.081	0.171453 mg/L	Y 371.029
Mg 280.270	0.196738	mg/L	0.002175	1.1	15510.0	0.196738 mg/L	Y 371.029
Mg 285.213	0.170323	mg/L	0.001380	0.8	4850.76	0.170323 mg/L	Y 371.029
Mn 257.610	-0.003006n	mg/L	0.000011	0.4	138.643	-0.003006 mg/L	Y 371.029
Mn 259.372	0.000523	mg/L	0.000058	11.0	137.489	0.000523 mg/L	Y 371.029
Mn 260.568	0.000466	mg/L	0.000028	6.1	21.9703	0.000466 mg/L	Y 371.029
Mo 202.032	0.000879	mg/L	0.000408	46.4	14.8728	0.000879 mg/L	Y 371.029
Mo 203.846	0.009363	mg/L	0.001006	10.7	17.7598	0.009363 mg/L	Y 371.029
Mo 204.598	0.001555	mg/L	0.001243	79.9	7.29141	0.001555 mg/L	Y 371.029
Na 568.821	3.62190	mg/L	0.067605	1.9	753.883	3.62190 mg/L	Y 371.029
Na 588.995	3.72432	mg/L	0.023516	0.6	1695975	3.72432 mg/L	Y 371.029
Na 589.592	3.34430	mg/L	0.022971	0.7	829411	3.34430 mg/L	Y 371.029
Ni 216.555	0.001684	mg/L	0.000370	22.0	5.67523	0.001684 mg/L	Y 371.029
Ni 221.648	0.002421	mg/L	0.000503	20.8	4.76172	0.002421 mg/L	Y 371.029
Ni 231.604	0.000492	mg/L	0.000281	57.1	3.18766	0.000492 mg/L	Y 371.029
P 177.434	0.476929	mg/L	0.010815	2.3	52.5923	0.476929 mg/L	Y 371.029
P 213.618	0.395098	mg/L	0.004541	1.1	170.045	0.395098 mg/L	Y 371.029
P 214.914	0.399269	mg/L	0.009071	2.3	47.2450	0.399269 mg/L	Y 371.029
Pb 220.353	0.055495	mg/L	0.008872	16.0	40.5434	0.055495 mg/L	Y 371.029
Pb 261.417	0.046063	mg/L	0.009741	21.1	21.5328	0.046063 mg/L	Y 371.029
Pb 405.781	0.039819	mg/L	0.006382	16.0	91.8037	0.039819 mg/L	Y 371.029
Sb 206.834	0.005208	mg/L	0.001452	27.9	8.64014	0.005208 mg/L	Y 371.029
Sb 231.146	-0.009365uv	mg/L	0.003721	39.7	2.82536	-0.009365 mg/L	Y 371.029
Sb 259.804	0.010952	mg/L	0.008190	74.8	6.28394	0.010952 mg/L	Y 371.029
Se 196.026	0.066251	mg/L	0.005201	7.9	15.2274	0.066251 mg/L	Y 371.029
Se 203.985	0.012006	mg/L	0.003121	26.0	2.49023	0.012006 mg/L	Y 371.029
Si 250.690	1.41740	mg/L	0.005213	0.4	1522.69	1.41740 mg/L	Y 371.029
Si 251.611	1.44940	mg/L	0.007382	0.5	1678.53	1.44940 mg/L	Y 371.029
Si 288.158	1.40617	mg/L	0.003289	0.2	9078.83	1.40617 mg/L	Y 371.029
Sn 189.927	0.029911	mg/L	0.002815	9.4	8.29487	0.029911 mg/L	Y 371.029
Sn 283.998	0.007419	mg/L	0.001363	18.4	15.0871	0.007419 mg/L	Y 371.029
Sr 216.596	0.007408	mg/L	0.000238	3.2	49.6270	0.007408 mg/L	Y 371.029
Sr 407.771	0.007173	mg/L	0.000059	0.8	23528.6	0.007173 mg/L	Y 371.029
Sr 421.552	0.007177	mg/L	0.000091	1.3	15523.5	0.007177 mg/L	Y 371.029
Ti 334.941	0.095552	mg/L	0.001680	1.8	19283.7	0.095552 mg/L	Y 371.029
Ti 336.122	0.096272	mg/L	0.001715	1.8	8217.98	0.096272 mg/L	Y 371.029
Ti 337.280	0.095332	mg/L	0.002969	3.1	2739.60	0.095332 mg/L	Y 371.029
Tl 190.794	-0.010106uv	mg/L	0.002645	26.2	-0.453676	-0.010106 mg/L	Y 371.029
Tl 190.807	0.150177	mg/L	0.008531	5.7	20.6106	0.150177 mg/L	Y 371.029
Tl 351.923	-0.001374uv	mg/L	0.002049	149.2	6.29982	-0.001374 mg/L	Y 371.029
V 268.796	0.000973	mg/L	0.000272	28.0	29.7674	0.000973 mg/L	Y 371.029
V 292.401	0.000691	mg/L	0.000251	36.3	38.0642	0.000691 mg/L	Y 371.029
V 311.837	0.001000	mg/L	0.000102	10.2	21.7885	0.001000 mg/L	Y 371.029
Zn 202.548	0.023827	mg/L	0.000876	3.7	434.174	0.023827 mg/L	Y 371.029
Zn 206.200	0.026448	mg/L	0.000628	2.4	148.050	0.026448 mg/L	Y 371.029
Zn 213.857	0.013506	mg/L	0.001565	11.6	969.941	0.013506 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.634855	7609.98	7.255	0.1
Y 371.029	1.06945	174319	290.898	0.2

1113024-PS1 (Samp) **3/22/2011, 5:43:31 PM** **Rack 3, Tube 5**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.497417	mg/L	0.001001	0.2	21877.0	0.497417 mg/L	Y 371.029
Ag 338.289	0.480034	mg/L	0.000699	0.1	1287.89	0.480034 mg/L	Y 371.029
Al 237.312	6.86242	mg/L	0.037216	0.5	7629.94	6.86242 mg/L	Y 371.029
Al 257.509	6.87588	mg/L	0.023219	0.3	3435.53	6.87588 mg/L	Y 371.029
Al 308.215	7.05161	mg/L	0.008509	0.1	36381.3	7.05161 mg/L	Y 371.029
As 188.980	1.16125	mg/L	0.003012	0.3	268.919	1.16125 mg/L	Y 371.029
As 193.696	1.11850	mg/L	0.005387	0.5	320.533	1.11850 mg/L	Y 371.029
As 228.812	1.94167	mg/L	0.040272	2.1	3166.85	1.94167 mg/L	Y 371.029
B 182.577	2.51121	mg/L	0.022637	0.9	872.897	2.51121 mg/L	Y 371.029
B 249.678	2.56018	mg/L	0.046807	1.8	19941.6	2.56018 mg/L	Y 371.029
B 249.772	2.50129	mg/L	0.049888	2.0	36001.5	2.50129 mg/L	Y 371.029
Ba 233.527	1.02093	mg/L	0.005637	0.6	31262.2	1.02093 mg/L	Y 371.029
Ba 455.403	0.961911	mg/L	0.002636	0.3	870849	0.961911 mg/L	Y 371.029
Ba 493.408	0.956290	mg/L	0.002315	0.2	565383	0.956290 mg/L	Y 371.029
Be 234.861	0.970586	mg/L	0.002168	0.2	88133.8	0.970586 mg/L	Y 371.029
Be 313.042	1.11526	mg/L	0.004405	0.4	1482636	1.11526 mg/L	Y 371.029
Be 313.107	1.11642	mg/L	0.004421	0.4	741899	1.11642 mg/L	Y 371.029
Ca 393.366	7.43094	mg/L	0.009210	0.1	9536663	7.43094 mg/L	Y 371.029
Ca 396.847	8.26956	mg/L	0.013443	0.2	17520830	8.26956 mg/L	Y 371.029
Ca 430.253	8.55756	mg/L	0.020520	0.2	29890.2	8.55756 mg/L	Y 371.029
Cd 214.439	1.06367	mg/L	0.024973	2.3	11557.1	1.06367 mg/L	Y 371.029
Cd 226.502	1.05507	mg/L	0.002014	0.2	25572.1	1.05507 mg/L	Y 371.029
Cd 228.802	0.982619	mg/L	0.013347	1.4	10636.9	0.982619 mg/L	Y 371.029
Co 228.615	1.02273	mg/L	0.005604	0.5	6384.70	1.02273 mg/L	Y 371.029
Co 230.786	1.01323	mg/L	0.005558	0.5	4493.35	1.01323 mg/L	Y 371.029
Co 238.892	0.983711	mg/L	0.005737	0.6	4223.18	0.983711 mg/L	Y 371.029
Cr 205.560	1.02588	mg/L	0.001821	0.2	3049.17	1.02588 mg/L	Y 371.029
Cr 206.158	1.02862	mg/L	0.001228	0.1	1269.92	1.02862 mg/L	Y 371.029
Cr 267.716	1.03214	mg/L	0.000479	0.0	17149.1	1.03214 mg/L	Y 371.029
Cu 213.598	1.04876	mg/L	0.006261	0.6	2447.18	1.04876 mg/L	Y 371.029
Cu 324.754	0.944911	mg/L	0.001742	0.2	28289.0	0.944911 mg/L	Y 371.029
Cu 327.395	0.954660	mg/L	0.006625	0.7	37987.0	0.954660 mg/L	Y 371.029
Fe 234.350	4.91148	mg/L	0.039659	0.8	33229.1	4.91148 mg/L	Y 371.029
Fe 238.204	4.97187	mg/L	0.037340	0.8	69012.5	4.97187 mg/L	Y 371.029
Fe 259.940	5.04199	mg/L	0.066023	1.3	62296.6	5.04199 mg/L	Y 371.029
Ga 287.423	0.908036	mg/L	0.007934	0.9	1742.30	0.908036 mg/L	Y 371.029
Ga 294.363	0.906881	mg/L	0.004803	0.5	4641.83	0.906881 mg/L	Y 371.029
Ga 417.204	0.878784	mg/L	0.003639	0.4	7003.14	0.878784 mg/L	Y 371.029
K 766.491	10.2322	mg/L	0.003421	0.0	582670	10.2322 mg/L	Y 371.029
K 769.897	10.7121	mg/L	0.008551	0.1	492487	10.7121 mg/L	Y 371.029
Li 610.365	0.923107n	mg/L	0.001868	0.2	30895.2	0.923107 mg/L	Y 371.029
Li 670.783	0.918576	mg/L	0.000209	0.0	2248320	0.918576 mg/L	Y 371.029
Mg 279.078	9.39266	mg/L	0.028200	0.3	10389.2	9.39266 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	10.0075	mg/L	0.045818	0.5	777357	10.0075 mg/L	Y 371.029
Mg 285.213	9.59284	mg/L	0.045520	0.5	269028	9.59284 mg/L	Y 371.029
Mn 257.610	0.989554n	mg/L	0.011353	1.1	114688	0.989554 mg/L	Y 371.029
Mn 259.372	1.00132	mg/L	0.008290	0.8	88145.1	1.00132 mg/L	Y 371.029
Mn 260.568	1.01848	mg/L	0.008925	0.9	15417.1	1.01848 mg/L	Y 371.029
Mo 202.032	0.641029	mg/L	0.023441	3.7	1836.49	0.641029 mg/L	Y 371.029
Mo 203.846	0.648489	mg/L	0.017903	2.8	795.293	0.648489 mg/L	Y 371.029
Mo 204.598	0.631547	mg/L	0.021501	3.4	905.914	0.631547 mg/L	Y 371.029
Na 568.821	11.5898	mg/L	0.059691	0.5	2647.00	11.5898 mg/L	Y 371.029
Na 588.995	12.4340	mg/L	0.029126	0.2	5165830	12.4340 mg/L	Y 371.029
Na 589.592	13.4907	mg/L	0.008939	0.1	2891283	13.4907 mg/L	Y 371.029
Ni 216.555	1.01463	mg/L	0.002308	0.2	3369.93	1.01463 mg/L	Y 371.029
Ni 221.648	1.01770	mg/L	0.002685	0.3	1356.76	1.01770 mg/L	Y 371.029
Ni 231.604	1.02403	mg/L	0.003425	0.3	2384.29	1.02403 mg/L	Y 371.029
P 177.434	1.53989	mg/L	0.009486	0.6	165.836	1.53989 mg/L	Y 371.029
P 213.618	1.45186	mg/L	0.012349	0.9	618.093	1.45186 mg/L	Y 371.029
P 214.914	1.42980	mg/L	0.013424	0.9	165.553	1.42980 mg/L	Y 371.029
Pb 220.353	0.922305	mg/L	0.112422	12.2	664.667	0.922305 mg/L	Y 371.029
Pb 261.417	0.659381	mg/L	0.091570	13.9	274.237	0.659381 mg/L	Y 371.029
Pb 405.781	0.880795	mg/L	0.109572	12.4	1020.98	0.880795 mg/L	Y 371.029
Sb 206.834	0.624802	mg/L	0.024050	3.8	296.022	0.624802 mg/L	Y 371.029
Sb 231.146	0.647989	mg/L	0.020389	3.1	251.962	0.647989 mg/L	Y 371.029
Sb 259.804	0.431098	mg/L	0.023327	5.4	142.932	0.431098 mg/L	Y 371.029
Se 196.026	1.26352	mg/L	0.039515	3.1	247.160	1.26352 mg/L	Y 371.029
Se 203.985	1.17286	mg/L	0.045015	3.8	141.004	1.17286 mg/L	Y 371.029
Si 250.690	2.37213	mg/L	0.009241	0.4	2533.49	2.37213 mg/L	Y 371.029
Si 251.611	2.42281	mg/L	0.012494	0.5	2793.25	2.42281 mg/L	Y 371.029
Si 288.158	2.33869	mg/L	0.026404	1.1	14580.1	2.33869 mg/L	Y 371.029
Sn 189.927	0.824584	mg/L	0.027903	3.4	174.067	0.824584 mg/L	Y 371.029
Sn 283.998	0.895884	mg/L	0.016345	1.8	1562.22	0.895884 mg/L	Y 371.029
Sr 216.596	1.07902	mg/L	0.001536	0.1	5579.79	1.07902 mg/L	Y 371.029
Sr 407.771	0.999620	mg/L	0.007798	0.8	2523197	0.999620 mg/L	Y 371.029
Sr 421.552	1.00182	mg/L	0.003132	0.3	1681101	1.00182 mg/L	Y 371.029
Ti 334.941	1.09895	mg/L	0.015260	1.4	221032	1.09895 mg/L	Y 371.029
Ti 336.122	1.10331	mg/L	0.014247	1.3	93828.3	1.10331 mg/L	Y 371.029
Ti 337.280	1.10265	mg/L	0.013837	1.3	31705.5	1.10265 mg/L	Y 371.029
Tl 190.794	0.954590	mg/L	0.009633	1.0	248.295	0.954590 mg/L	Y 371.029
Tl 190.807	1.09648	mg/L	0.006521	0.6	143.494	1.09648 mg/L	Y 371.029
Tl 351.923	0.926963	mg/L	0.002025	0.2	1402.71	0.926963 mg/L	Y 371.029
V 268.796	0.902154	mg/L	0.009763	1.1	7400.19	0.902154 mg/L	Y 371.029
V 292.401	1.00200	mg/L	0.013316	1.3	24605.4	1.00200 mg/L	Y 371.029
V 311.837	0.997102	mg/L	0.007482	0.8	34726.6	0.997102 mg/L	Y 371.029
Zn 202.548	1.12005	mg/L	0.006385	0.6	5550.83	1.12005 mg/L	Y 371.029
Zn 206.200	1.12075	mg/L	0.008298	0.7	1851.23	1.12075 mg/L	Y 371.029
Zn 213.857	0.993001	mg/L	0.024179	2.4	12464.8	0.993001 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.632847	7585.92	24.426	0.3
Y 371.029	1.06597	173752	86.813	0.0

11C0940-02 (Samp) **3/22/2011, 5:47:44 PM** **Rack 3, Tube 6**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000434	mg/L	0.000138	31.7	169.781	0.000434 mg/L	Y 371.029
Ag 338.289	0.000778uv	mg/L	0.000741	95.3	-0.076639	0.000778 mg/L	Y 371.029
Al 237.312	2.35713	mg/L	0.019106	0.8	2644.48	2.35713 mg/L	Y 371.029
Al 257.509	2.38137	mg/L	0.024443	1.0	1200.36	2.38137 mg/L	Y 371.029
Al 308.215	2.35823	mg/L	0.015692	0.7	12907.6	2.35823 mg/L	Y 371.029
As 188.980	0.042540	mg/L	0.004022	9.5	13.1319	0.042540 mg/L	Y 371.029
As 193.696	0.011454	mg/L	0.007655	66.8	5.93025	0.011454 mg/L	Y 371.029
As 228.812	0.035447	mg/L	0.004053	11.4	66.6386	0.035447 mg/L	Y 371.029
B 182.577	1.64912	mg/L	0.004427	0.3	573.997	1.64912 mg/L	Y 371.029
B 249.678	1.66629	mg/L	0.014169	0.9	12978.1	1.66629 mg/L	Y 371.029
B 249.772	1.65567	mg/L	0.012956	0.8	23792.4	1.65567 mg/L	Y 371.029
Ba 233.527	0.006560	mg/L	0.000725	11.1	345.694	0.006560 mg/L	Y 371.029
Ba 455.403	0.006125	mg/L	0.000583	9.5	9862.75	0.006125 mg/L	Y 371.029
Ba 493.408	0.006097	mg/L	0.000579	9.5	6451.78	0.006097 mg/L	Y 371.029
Be 234.861	0.000082	mg/L	0.000052	64.2	5.52781	0.000082 mg/L	Y 371.029
Be 313.042	-0.000005uv	mg/L	0.000057	1050.1	407.021	-0.000005 mg/L	Y 371.029
Be 313.107	0.000051	mg/L	0.000035	68.1	34.5191	0.000051 mg/L	Y 371.029
Ca 393.366	0.053969	mg/L	0.000360	0.7	84578.2	0.053969 mg/L	Y 371.029
Ca 396.847	0.055987	mg/L	0.000436	0.8	143811	0.055987 mg/L	Y 371.029
Ca 430.253	0.039708	mg/L	0.002428	6.1	633.231	0.039708 mg/L	Y 371.029
Cd 214.439	0.023995	mg/L	0.002492	10.4	261.918	0.023995 mg/L	Y 371.029
Cd 226.502	0.023894	mg/L	0.002385	10.0	593.287	0.023894 mg/L	Y 371.029
Cd 228.802	0.022463	mg/L	0.002088	9.3	253.515	0.022463 mg/L	Y 371.029
Co 228.615	0.012376	mg/L	0.000198	1.6	74.8366	0.012376 mg/L	Y 371.029
Co 230.786	0.005353	mg/L	0.000167	3.1	28.7757	0.005353 mg/L	Y 371.029
Co 238.892	0.005349	mg/L	0.000332	6.2	24.3583	0.005349 mg/L	Y 371.029
Cr 205.560	0.001031	mg/L	0.000322	31.2	6.99174	0.001031 mg/L	Y 371.029
Cr 206.158	0.001690	mg/L	0.000552	32.7	3.29005	0.001690 mg/L	Y 371.029
Cr 267.716	0.001490	mg/L	0.000075	5.0	49.4419	0.001490 mg/L	Y 371.029
Cu 213.598	0.007176	mg/L	0.000609	8.5	17.0441	0.007176 mg/L	Y 371.029
Cu 324.754	0.002093	mg/L	0.000215	10.3	477.348	0.002093 mg/L	Y 371.029
Cu 327.395	0.003431	mg/L	0.000280	8.2	148.701	0.003431 mg/L	Y 371.029
Fe 234.350	0.076338	mg/L	0.005402	7.1	570.846	0.076338 mg/L	Y 371.029
Fe 238.204	0.077438	mg/L	0.004976	6.4	1175.08	0.077438 mg/L	Y 371.029
Fe 259.940	0.078703	mg/L	0.005424	6.9	1072.68	0.078703 mg/L	Y 371.029
Ga 287.423	-0.000005	mg/L	0.000257	5024.5	7.35281	-0.000005 mg/L	Y 371.029
Ga 294.363	0.001369	mg/L	0.000682	49.8	13.9150	0.001369 mg/L	Y 371.029
Ga 417.204	-0.000437	mg/L	0.000951	217.9	69.6570	-0.000437 mg/L	Y 371.029
K 766.491	1.31933	mg/L	0.006694	0.5	76460.1	1.31933 mg/L	Y 371.029
K 769.897	1.30742	mg/L	0.007160	0.5	65017.1	1.30742 mg/L	Y 371.029
Li 610.365	0.002263n	mg/L	0.000255	11.2	72.6884	0.002263 mg/L	Y 371.029
Li 670.783	0.003200	mg/L	0.000108	3.4	46882.3	0.003200 mg/L	Y 371.029
Mg 279.078	0.168973	mg/L	0.002456	1.5	197.230	0.168973 mg/L	Y 371.029
Mg 280.270	0.191484	mg/L	0.001705	0.9	15101.9	0.191484 mg/L	Y 371.029
Mg 285.213	0.168392	mg/L	0.004364	2.6	4793.86	0.168392 mg/L	Y 371.029
Mn 257.610	-0.003374n	mg/L	0.000029	0.9	99.6079	-0.003374 mg/L	Y 371.029
Mn 259.372	0.000165	mg/L	0.000082	49.9	107.546	0.000165 mg/L	Y 371.029
Mn 260.568	0.000189	mg/L	0.000084	44.1	17.8616	0.000189 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.010304	mg/L	0.001513	14.7	41.4889	0.010304 mg/L	Y 371.029
Mo 203.846	0.017788	mg/L	0.001730	9.7	27.9266	0.017788 mg/L	Y 371.029
Mo 204.598	0.009595	mg/L	0.000906	9.4	18.6660	0.009595 mg/L	Y 371.029
Na 568.821	3.60473	mg/L	0.008062	0.2	749.757	3.60473 mg/L	Y 371.029
Na 588.995	3.73868	mg/L	0.020218	0.5	1701693	3.73868 mg/L	Y 371.029
Na 589.592	3.36336	mg/L	0.020119	0.6	833280	3.36336 mg/L	Y 371.029
Ni 216.555	0.001163	mg/L	0.000226	19.5	3.91769	0.001163 mg/L	Y 371.029
Ni 221.648	0.002839	mg/L	0.000236	8.3	5.30561	0.002839 mg/L	Y 371.029
Ni 231.604	0.000852	mg/L	0.000312	36.7	4.00333	0.000852 mg/L	Y 371.029
P 177.434	0.473551	mg/L	0.005934	1.3	52.2319	0.473551 mg/L	Y 371.029
P 213.618	0.388758	mg/L	0.003358	0.9	167.371	0.388758 mg/L	Y 371.029
P 214.914	0.402548	mg/L	0.010390	2.6	47.6176	0.402548 mg/L	Y 371.029
Pb 220.353	0.054300	mg/L	0.006819	12.6	39.6832	0.054300 mg/L	Y 371.029
Pb 261.417	0.043806	mg/L	0.002742	6.3	20.5997	0.043806 mg/L	Y 371.029
Pb 405.781	0.038572	mg/L	0.009053	23.5	90.4426	0.038572 mg/L	Y 371.029
Sb 206.834	0.014360	mg/L	0.000989	6.9	12.7825	0.014360 mg/L	Y 371.029
Sb 231.146	-0.006260uv	mg/L	0.001300	20.8	4.00055	-0.006260 mg/L	Y 371.029
Sb 259.804	0.006496	mg/L	0.010426	160.5	4.86096	0.006496 mg/L	Y 371.029
Se 196.026	0.080469	mg/L	0.003645	4.5	17.9790	0.080469 mg/L	Y 371.029
Se 203.985	0.012392	mg/L	0.004989	40.3	2.52726	0.012392 mg/L	Y 371.029
Si 250.690	1.50659	mg/L	0.008944	0.6	1615.65	1.50659 mg/L	Y 371.029
Si 251.611	1.53748	mg/L	0.007705	0.5	1777.57	1.53748 mg/L	Y 371.029
Si 288.158	1.48666	mg/L	0.006521	0.4	9552.33	1.48666 mg/L	Y 371.029
Sn 189.927	0.024280	mg/L	0.000909	3.7	7.12147	0.024280 mg/L	Y 371.029
Sn 283.998	0.001198uv	mg/L	0.002817	235.1	6.98766	0.001198 mg/L	Y 371.029
Sr 216.596	0.008687	mg/L	0.000111	1.3	56.0773	0.008687 mg/L	Y 371.029
Sr 407.771	0.008209	mg/L	0.000078	1.0	26074.2	0.008209 mg/L	Y 371.029
Sr 421.552	0.008208	mg/L	0.000054	0.7	17207.0	0.008208 mg/L	Y 371.029
Ti 334.941	0.093048	mg/L	0.001717	1.8	18780.8	0.093048 mg/L	Y 371.029
Ti 336.122	0.093796	mg/L	0.001913	2.0	8007.68	0.093796 mg/L	Y 371.029
Ti 337.280	0.093257	mg/L	0.002281	2.4	2679.99	0.093257 mg/L	Y 371.029
Tl 190.794	-0.007555uv	mg/L	0.002059	27.2	0.201879	-0.007555 mg/L	Y 371.029
Tl 190.807	0.152002	mg/L	0.003804	2.5	20.8546	0.152002 mg/L	Y 371.029
Tl 351.923	0.000415uv	mg/L	0.002806	676.2	8.97735	0.000415 mg/L	Y 371.029
V 268.796	0.001487	mg/L	0.000283	19.0	38.7986	0.001487 mg/L	Y 371.029
V 292.401	0.001212	mg/L	0.000066	5.4	50.7370	0.001212 mg/L	Y 371.029
V 311.837	0.001424	mg/L	0.000049	3.4	36.5227	0.001424 mg/L	Y 371.029
Zn 202.548	0.020837	mg/L	0.000983	4.7	420.236	0.020837 mg/L	Y 371.029
Zn 206.200	0.022996	mg/L	0.001950	8.5	142.690	0.022996 mg/L	Y 371.029
Zn 213.857	0.009984	mg/L	0.000833	8.3	928.831	0.009984 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.639298	7663.24	10.476	0.1
Y 371.029	1.07973	175995	446.892	0.3

11C0940-03 (Samp) **3/22/2011, 5:51:35 PM** **Rack 3, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000329	mg/L	0.000048	14.6	165.120	0.000329 mg/L	Y 371.029
Ag 338.289	0.001055	mg/L	0.000469	44.5	0.674654	0.001055 mg/L	Y 371.029
Al 237.312	2.26170	mg/L	0.011507	0.5	2538.96	2.26170 mg/L	Y 371.029
Al 257.509	2.29063	mg/L	0.022074	1.0	1155.26	2.29063 mg/L	Y 371.029
Al 308.215	2.26275	mg/L	0.015523	0.7	12431.4	2.26275 mg/L	Y 371.029
As 188.980	0.038954	mg/L	0.003636	9.3	12.3116	0.038954 mg/L	Y 371.029
As 193.696	0.001219uv	mg/L	0.002677	219.7	3.02027	0.001219 mg/L	Y 371.029
As 228.812	0.043189	mg/L	0.005389	12.5	78.6114	0.043189 mg/L	Y 371.029
B 182.577	1.58969	mg/L	0.006052	0.4	553.415	1.58969 mg/L	Y 371.029
B 249.678	1.62118	mg/L	0.015731	1.0	12627.2	1.62118 mg/L	Y 371.029
B 249.772	1.60805	mg/L	0.019076	1.2	23109.0	1.60805 mg/L	Y 371.029
Ba 233.527	0.006212	mg/L	0.000605	9.7	335.066	0.006212 mg/L	Y 371.029
Ba 455.403	0.005801	mg/L	0.000506	8.7	9569.93	0.005801 mg/L	Y 371.029
Ba 493.408	0.005760	mg/L	0.000488	8.5	6252.93	0.005760 mg/L	Y 371.029
Be 234.861	0.000061	mg/L	0.000012	19.1	3.66855	0.000061 mg/L	Y 371.029
Be 313.042	-0.000051uv	mg/L	0.000004	8.1	346.045	-0.000051 mg/L	Y 371.029
Be 313.107	0.000020	mg/L	0.000011	54.1	13.5771	0.000020 mg/L	Y 371.029
Ca 393.366	0.049964	mg/L	0.000318	0.6	79417.1	0.049964 mg/L	Y 371.029
Ca 396.847	0.051850	mg/L	0.000296	0.6	135047	0.051850 mg/L	Y 371.029
Ca 430.253	0.031952	mg/L	0.000927	2.9	606.416	0.031952 mg/L	Y 371.029
Cd 214.439	0.027441	mg/L	0.002456	9.0	299.352	0.027441 mg/L	Y 371.029
Cd 226.502	0.027408	mg/L	0.002514	9.2	678.393	0.027408 mg/L	Y 371.029
Cd 228.802	0.025749	mg/L	0.002234	8.7	289.049	0.025749 mg/L	Y 371.029
Co 228.615	0.012754	mg/L	0.000022	0.2	77.1664	0.012754 mg/L	Y 371.029
Co 230.786	0.005464	mg/L	0.000229	4.2	29.2546	0.005464 mg/L	Y 371.029
Co 238.892	0.005766	mg/L	0.000349	6.0	26.1536	0.005766 mg/L	Y 371.029
Cr 205.560	0.000898	mg/L	0.000179	19.9	6.52478	0.000898 mg/L	Y 371.029
Cr 206.158	0.002059	mg/L	0.000417	20.3	3.71379	0.002059 mg/L	Y 371.029
Cr 267.716	0.001200	mg/L	0.000021	1.8	44.2450	0.001200 mg/L	Y 371.029
Cu 213.598	0.007947	mg/L	0.000217	2.7	18.8029	0.007947 mg/L	Y 371.029
Cu 324.754	0.002993	mg/L	0.000232	7.8	503.950	0.002993 mg/L	Y 371.029
Cu 327.395	0.004411	mg/L	0.000613	13.9	187.538	0.004411 mg/L	Y 371.029
Fe 234.350	0.072576	mg/L	0.006034	8.3	543.734	0.072576 mg/L	Y 371.029
Fe 238.204	0.072828	mg/L	0.005842	8.0	1107.66	0.072828 mg/L	Y 371.029
Fe 259.940	0.074611	mg/L	0.006070	8.1	1019.03	0.074611 mg/L	Y 371.029
Ga 287.423	-0.000421uv	mg/L	0.001476	350.8	6.52511	-0.000421 mg/L	Y 371.029
Ga 294.363	0.001080	mg/L	0.000645	59.7	12.4098	0.001080 mg/L	Y 371.029
Ga 417.204	-0.002380	mg/L	0.000583	24.5	54.3614	-0.002380 mg/L	Y 371.029
K 766.491	1.27822	mg/L	0.003910	0.3	74125.7	1.27822 mg/L	Y 371.029
K 769.897	1.27619	mg/L	0.007301	0.6	63597.0	1.27619 mg/L	Y 371.029
Li 610.365	0.002484n	mg/L	0.000075	3.0	80.0695	0.002484 mg/L	Y 371.029
Li 670.783	0.003113	mg/L	0.000011	0.4	46668.4	0.003113 mg/L	Y 371.029
Mg 279.078	0.162248	mg/L	0.003403	2.1	189.803	0.162248 mg/L	Y 371.029
Mg 280.270	0.187811	mg/L	0.000636	0.3	14816.5	0.187811 mg/L	Y 371.029
Mg 285.213	0.162159	mg/L	0.000998	0.6	4619.18	0.162159 mg/L	Y 371.029
Mn 257.610	-0.003156n	mg/L	0.000025	0.8	103.727	-0.003156 mg/L	Y 371.029
Mn 259.372	0.000221	mg/L	0.000051	23.1	107.175	0.000221 mg/L	Y 371.029
Mn 260.568	0.000275	mg/L	0.000066	23.9	18.6401	0.000275 mg/L	Y 371.029
Mo 202.032	0.001410	mg/L	0.000351	24.9	16.1795	0.001410 mg/L	Y 371.029
Mo 203.846	0.010769	mg/L	0.001681	15.6	19.3687	0.010769 mg/L	Y 371.029
Mo 204.598	0.002868	mg/L	0.000962	33.5	9.04761	0.002868 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	3.52510	mg/L	0.023378	0.7	730.802	3.52510 mg/L	Y 371.029
Na 588.995	3.56665	mg/L	0.015607	0.4	1633204	3.56665 mg/L	Y 371.029
Na 589.592	3.20665	mg/L	0.016627	0.5	801458	3.20665 mg/L	Y 371.029
Ni 216.555	0.001157	mg/L	0.000385	33.3	3.88193	0.001157 mg/L	Y 371.029
Ni 221.648	0.001834	mg/L	0.000325	17.7	3.96210	0.001834 mg/L	Y 371.029
Ni 231.604	0.000709	mg/L	0.000439	61.9	3.65985	0.000709 mg/L	Y 371.029
P 177.434	0.459496	mg/L	0.004245	0.9	50.7354	0.459496 mg/L	Y 371.029
P 213.618	0.378892	mg/L	0.002166	0.6	163.214	0.378892 mg/L	Y 371.029
P 214.914	0.387120	mg/L	0.006370	1.6	45.8662	0.387120 mg/L	Y 371.029
Pb 220.353	0.060731	mg/L	0.009235	15.2	44.3138	0.060731 mg/L	Y 371.029
Pb 261.417	0.051295	mg/L	0.008769	17.1	23.6894	0.051295 mg/L	Y 371.029
Pb 405.781	0.044824	mg/L	0.018508	41.3	97.3014	0.044824 mg/L	Y 371.029
Sb 206.834	0.005273	mg/L	0.002967	56.3	8.62147	0.005273 mg/L	Y 371.029
Sb 231.146	-0.010838uv	mg/L	0.002110	19.5	2.24564	-0.010838 mg/L	Y 371.029
Sb 259.804	0.011953	mg/L	0.008619	72.1	6.56136	0.011953 mg/L	Y 371.029
Se 196.026	0.070870	mg/L	0.004480	6.3	16.1187	0.070870 mg/L	Y 371.029
Se 203.985	0.002850uv	mg/L	0.006903	242.2	1.44010	0.002850 mg/L	Y 371.029
Si 250.690	1.37585	mg/L	0.005496	0.4	1479.32	1.37585 mg/L	Y 371.029
Si 251.611	1.40839	mg/L	0.004984	0.4	1632.42	1.40839 mg/L	Y 371.029
Si 288.158	1.36352	mg/L	0.013595	1.0	8827.61	1.36352 mg/L	Y 371.029
Sn 189.927	0.023548	mg/L	0.004557	19.4	6.96836	0.023548 mg/L	Y 371.029
Sn 283.998	0.002718	mg/L	0.002488	91.5	8.96885	0.002718 mg/L	Y 371.029
Sr 216.596	0.008333	mg/L	0.000161	1.9	54.2472	0.008333 mg/L	Y 371.029
Sr 407.771	0.008012	mg/L	0.000114	1.4	25573.6	0.008012 mg/L	Y 371.029
Sr 421.552	0.008021	mg/L	0.000111	1.4	16892.3	0.008021 mg/L	Y 371.029
Ti 334.941	0.090564	mg/L	0.002297	2.5	18280.5	0.090564 mg/L	Y 371.029
Ti 336.122	0.090887	mg/L	0.002189	2.4	7759.95	0.090887 mg/L	Y 371.029
Ti 337.280	0.091211	mg/L	0.002425	2.7	2621.02	0.091211 mg/L	Y 371.029
Tl 190.794	-0.011091uv	mg/L	0.002994	27.0	-0.708201	-0.011091 mg/L	Y 371.029
Tl 190.807	0.154937	mg/L	0.005646	3.6	21.2296	0.154937 mg/L	Y 371.029
Tl 351.923	-0.001422uv	mg/L	0.004671	328.5	6.22108	-0.001422 mg/L	Y 371.029
V 268.796	0.000759	mg/L	0.000257	33.8	28.7770	0.000759 mg/L	Y 371.029
V 292.401	0.000608	mg/L	0.000099	16.3	35.6472	0.000608 mg/L	Y 371.029
V 311.837	0.001071	mg/L	0.000151	14.1	23.9013	0.001071 mg/L	Y 371.029
Zn 202.548	0.020304	mg/L	0.001410	6.9	417.705	0.020304 mg/L	Y 371.029
Zn 206.200	0.022870	mg/L	0.001350	5.9	142.470	0.022870 mg/L	Y 371.029
Zn 213.857	0.010163	mg/L	0.000316	3.1	930.716	0.010163 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.643804	7717.25	24.024	0.3
Y 371.029	1.08504	176860	689.351	0.4

SEQ-CCV6 (Samp) **3/22/2011, 5:55:24 PM** **Rack 3, Tube 8**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098549	mg/L	0.000487	0.5	4458.69	0.098549 mg/L	Y 371.029
Ag 338.289	0.097012	mg/L	0.000213	0.2	256.049	0.097012 mg/L	Y 371.029
Al 237.312	2.46343	mg/L	0.014367	0.6	2765.22	2.46343 mg/L	Y 371.029
Al 257.509	2.45191	mg/L	0.006404	0.3	1236.32	2.45191 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	2.51817	mg/L	0.006100	0.2	13807.5	2.51817 mg/L	Y 371.029
As 188.980	0.521817	mg/L	0.003969	0.8	122.765	0.521817 mg/L	Y 371.029
As 193.696	0.516661	mg/L	0.003276	0.6	149.486	0.516661 mg/L	Y 371.029
As 228.812	0.571140	mg/L	0.000720	0.1	897.920	0.571140 mg/L	Y 371.029
B 182.577	0.516835	mg/L	0.002351	0.5	182.013	0.516835 mg/L	Y 371.029
B 249.678	0.525966	mg/L	0.001809	0.3	4110.38	0.525966 mg/L	Y 371.029
B 249.772	0.515406	mg/L	0.012762	2.5	7436.15	0.515406 mg/L	Y 371.029
Ba 233.527	0.510292	mg/L	0.000973	0.2	15697.9	0.510292 mg/L	Y 371.029
Ba 455.403	0.480275	mg/L	0.000689	0.1	436964	0.480275 mg/L	Y 371.029
Ba 493.408	0.490423	mg/L	0.000469	0.1	291328	0.490423 mg/L	Y 371.029
Be 234.861	0.505488	mg/L	0.003165	0.6	45899.7	0.505488 mg/L	Y 371.029
Be 313.042	0.517696	mg/L	0.004362	0.8	688452	0.517696 mg/L	Y 371.029
Be 313.107	0.518326	mg/L	0.004133	0.8	344447	0.518326 mg/L	Y 371.029
Ca 393.366	4.02078	mg/L	0.003259	0.1	5167429	4.02078 mg/L	Y 371.029
Ca 396.847	4.28860	mg/L	0.003491	0.1	9098256	4.28860 mg/L	Y 371.029
Ca 430.253	4.85341	mg/L	0.020112	0.4	17151.2	4.85341 mg/L	Y 371.029
Cd 214.439	0.262093	mg/L	0.001038	0.4	2848.66	0.262093 mg/L	Y 371.029
Cd 226.502	0.262642	mg/L	0.000469	0.2	6376.54	0.262642 mg/L	Y 371.029
Cd 228.802	0.253756	mg/L	0.001263	0.5	2755.16	0.253756 mg/L	Y 371.029
Co 228.615	0.513730	mg/L	0.003832	0.7	3202.97	0.513730 mg/L	Y 371.029
Co 230.786	0.515924	mg/L	0.002531	0.5	2289.88	0.515924 mg/L	Y 371.029
Co 238.892	0.514029	mg/L	0.004237	0.8	2212.75	0.514029 mg/L	Y 371.029
Cr 205.560	0.512179	mg/L	0.002391	0.5	1522.27	0.512179 mg/L	Y 371.029
Cr 206.158	0.510841	mg/L	0.002755	0.5	630.336	0.510841 mg/L	Y 371.029
Cr 267.716	0.512202	mg/L	0.000763	0.1	8511.20	0.512202 mg/L	Y 371.029
Cu 213.598	0.525790	mg/L	0.002715	0.5	1228.31	0.525790 mg/L	Y 371.029
Cu 324.754	0.487571	mg/L	0.000531	0.1	14796.3	0.487571 mg/L	Y 371.029
Cu 327.395	0.483715	mg/L	0.000615	0.1	19240.8	0.483715 mg/L	Y 371.029
Fe 234.350	0.545158	mg/L	0.008061	1.5	3780.24	0.545158 mg/L	Y 371.029
Fe 238.204	0.540563	mg/L	0.007677	1.4	7627.65	0.540563 mg/L	Y 371.029
Fe 259.940	0.543005	mg/L	0.007747	1.4	6820.25	0.543005 mg/L	Y 371.029
Ga 287.423	0.494049	mg/L	0.003651	0.7	937.734	0.494049 mg/L	Y 371.029
Ga 294.363	0.491661	mg/L	0.001178	0.2	2518.94	0.491661 mg/L	Y 371.029
Ga 417.204	0.490040	mg/L	0.001056	0.2	3885.75	0.490040 mg/L	Y 371.029
K 766.491	4.92790	mg/L	0.002748	0.1	281420	4.92790 mg/L	Y 371.029
K 769.897	4.98947	mg/L	0.001469	0.0	232409	4.98947 mg/L	Y 371.029
Li 610.365	1.06464n	mg/L	0.003093	0.3	35632.7	1.06464 mg/L	Y 371.029
Li 670.783	1.04161	mg/L	0.001200	0.1	2543388	1.04161 mg/L	Y 371.029
Mg 279.078	5.14611	mg/L	0.021841	0.4	5694.96	5.14611 mg/L	Y 371.029
Mg 280.270	5.13787	mg/L	0.067464	1.3	399201	5.13787 mg/L	Y 371.029
Mg 285.213	5.19350	mg/L	0.041434	0.8	145655	5.19350 mg/L	Y 371.029
Mn 257.610	0.503258n	mg/L	0.006619	1.3	58084.5	0.503258 mg/L	Y 371.029
Mn 259.372	0.507620	mg/L	0.006942	1.4	44721.3	0.507620 mg/L	Y 371.029
Mn 260.568	0.514553	mg/L	0.002998	0.6	7784.05	0.514553 mg/L	Y 371.029
Mo 202.032	1.08404	mg/L	0.013760	1.3	3076.98	1.08404 mg/L	Y 371.029
Mo 203.846	1.09992	mg/L	0.014406	1.3	1335.16	1.09992 mg/L	Y 371.029
Mo 204.598	1.08943	mg/L	0.014795	1.4	1548.00	1.08943 mg/L	Y 371.029
Na 568.821	4.87974	mg/L	0.039959	0.8	1050.33	4.87974 mg/L	Y 371.029
Na 588.995	5.45285	mg/L	0.017292	0.3	2385367	5.45285 mg/L	Y 371.029
Na 589.592	5.04635	mg/L	0.016547	0.3	1175776	5.04635 mg/L	Y 371.029
Ni 216.555	1.02802	mg/L	0.003123	0.3	3406.31	1.02802 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	1.03157	mg/L	0.002471	0.2	1372.16	1.03157 mg/L	Y 371.029
Ni 231.604	1.04237	mg/L	0.002887	0.3	2421.61	1.04237 mg/L	Y 371.029
P 177.434	0.537852	mg/L	0.015755	2.9	59.0855	0.537852 mg/L	Y 371.029
P 213.618	0.519486	mg/L	0.008843	1.7	224.080	0.519486 mg/L	Y 371.029
P 214.914	0.520855	mg/L	0.011889	2.3	62.1804	0.520855 mg/L	Y 371.029
Pb 220.353	1.01775	mg/L	0.002051	0.2	733.392	1.01775 mg/L	Y 371.029
Pb 261.417	0.985151	mg/L	0.006053	0.6	408.908	0.985151 mg/L	Y 371.029
Pb 405.781	0.985996	mg/L	0.006989	0.7	1136.72	0.985996 mg/L	Y 371.029
Sb 206.834	0.991053	mg/L	0.009870	1.0	457.237	0.991053 mg/L	Y 371.029
Sb 231.146	0.963717	mg/L	0.017182	1.8	368.120	0.963717 mg/L	Y 371.029
Sb 259.804	0.906267	mg/L	0.019680	2.2	289.912	0.906267 mg/L	Y 371.029
Se 196.026	1.07700	mg/L	0.021053	2.0	210.935	1.07700 mg/L	Y 371.029
Se 203.985	1.06150	mg/L	0.024384	2.3	125.248	1.06150 mg/L	Y 371.029
Si 250.690	1.01636	mg/L	0.010564	1.0	1111.08	1.01636 mg/L	Y 371.029
Si 251.611	1.03558	mg/L	0.006798	0.7	1236.21	1.03558 mg/L	Y 371.029
Si 288.158	1.00887	mg/L	0.014210	1.4	6740.93	1.00887 mg/L	Y 371.029
Sn 189.927	1.08158	mg/L	0.009242	0.9	227.468	1.08158 mg/L	Y 371.029
Sn 283.998	1.04079	mg/L	0.005636	0.5	1508.73	1.04079 mg/L	Y 371.029
Sr 216.596	0.515402	mg/L	0.001919	0.4	2671.00	0.515402 mg/L	Y 371.029
Sr 407.771	0.486725	mg/L	0.004201	0.9	1231632	0.486725 mg/L	Y 371.029
Sr 421.552	0.483591	mg/L	0.001750	0.4	813511	0.483591 mg/L	Y 371.029
Ti 334.941	0.516797	mg/L	0.003239	0.6	103951	0.516797 mg/L	Y 371.029
Ti 336.122	0.528690	mg/L	0.003297	0.6	44967.3	0.528690 mg/L	Y 371.029
Ti 337.280	0.524481	mg/L	0.000791	0.2	15077.1	0.524481 mg/L	Y 371.029
Tl 190.794	0.503076	mg/L	0.003073	0.6	131.756	0.503076 mg/L	Y 371.029
Tl 190.807	0.516641	mg/L	0.004384	0.8	68.8155	0.516641 mg/L	Y 371.029
Tl 351.923	0.498847	mg/L	0.004199	0.8	758.823	0.498847 mg/L	Y 371.029
V 268.796	0.488660	mg/L	0.002137	0.4	4459.17	0.488660 mg/L	Y 371.029
V 292.401	0.505612	mg/L	0.001461	0.3	12413.4	0.505612 mg/L	Y 371.029
V 311.837	0.506848	mg/L	0.000790	0.2	17633.4	0.506848 mg/L	Y 371.029
Zn 202.548	0.548863	mg/L	0.003076	0.6	2883.22	0.548863 mg/L	Y 371.029
Zn 206.200	0.548054	mg/L	0.003535	0.6	959.636	0.548054 mg/L	Y 371.029
Zn 213.857	0.512242	mg/L	0.007956	1.6	6832.02	0.512242 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.616322	7387.83	21.516	0.3
Y 371.029	1.02595	167228	601.357	0.4

SEQ-CCB6 (Samp) **3/22/2011, 5:59:22 PM** **Rack 3, Tube 9**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000809	mg/L	0.000096	11.8	183.984	0.000809 mg/L	Y 371.029
Ag 338.289	0.000946	mg/L	0.000084	8.9	0.339478	0.000946 mg/L	Y 371.029
Al 237.312	0.001035uv	mg/L	0.002750	265.8	39.4053	0.001035 mg/L	Y 371.029
Al 257.509	0.005143	mg/L	0.004830	93.9	19.2995	0.005143 mg/L	Y 371.029
Al 308.215	-0.008628uv	mg/L	0.001364	15.8	1116.59	-0.008628 mg/L	Y 371.029
As 188.980	0.006498	mg/L	0.001756	27.0	4.90013	0.006498 mg/L	Y 371.029
As 193.696	0.003103uv	mg/L	0.003367	108.5	3.52919	0.003103 mg/L	Y 371.029
As 228.812	0.004094	mg/L	0.001032	25.2	9.54233	0.004094 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.027260	mg/L	0.002588	9.5	12.3366	0.027260 mg/L	Y 371.029
B 249.678	0.028997	mg/L	0.002789	9.6	242.851	0.028997 mg/L	Y 371.029
B 249.772	0.028462	mg/L	0.003438	12.1	439.211	0.028462 mg/L	Y 371.029
Ba 233.527	0.000018uv	mg/L	0.000075	425.1	145.437	0.000018 mg/L	Y 371.029
Ba 455.403	-0.000247uv	mg/L	0.000017	6.9	4103.77	-0.000247 mg/L	Y 371.029
Ba 493.408	-0.000262uv	mg/L	0.000018	7.0	2697.46	-0.000262 mg/L	Y 371.029
Be 234.861	0.000020uv	mg/L	0.000025	121.5	-0.176892	0.000020 mg/L	Y 371.029
Be 313.042	-0.000029uv	mg/L	0.000005	17.7	378.211	-0.000029 mg/L	Y 371.029
Be 313.107	0.000040	mg/L	0.000010	24.3	27.6503	0.000040 mg/L	Y 371.029
Ca 393.366	-0.000191uv	mg/L	0.000013	7.0	14592.1	-0.000191 mg/L	Y 371.029
Ca 396.847	-0.000049uv	mg/L	0.000004	8.4	24860.4	-0.000049 mg/L	Y 371.029
Ca 430.253	0.017162	mg/L	0.002851	16.6	547.534	0.017162 mg/L	Y 371.029
Cd 214.439	0.000627	mg/L	0.000144	23.0	8.04882	0.000627 mg/L	Y 371.029
Cd 226.502	0.000491	mg/L	0.000070	14.3	26.2971	0.000491 mg/L	Y 371.029
Cd 228.802	0.000624	mg/L	0.000381	61.1	17.3246	0.000624 mg/L	Y 371.029
Co 228.615	0.000772	mg/L	0.000049	6.4	1.60842	0.000772 mg/L	Y 371.029
Co 230.786	-0.000091uv	mg/L	0.000397	437.3	4.67247	-0.000091 mg/L	Y 371.029
Co 238.892	0.000190	mg/L	0.000174	91.9	2.22460	0.000190 mg/L	Y 371.029
Cr 205.560	-0.000053uv	mg/L	0.000249	471.3	1.99041	-0.000053 mg/L	Y 371.029
Cr 206.158	0.001133	mg/L	0.000334	29.5	1.84129	0.001133 mg/L	Y 371.029
Cr 267.716	0.000105uv	mg/L	0.000174	166.2	16.4947	0.000105 mg/L	Y 371.029
Cu 213.598	0.000630	mg/L	0.000537	85.2	1.58481	0.000630 mg/L	Y 371.029
Cu 324.754	-0.001130uv	mg/L	0.000271	24.0	384.030	-0.001130 mg/L	Y 371.029
Cu 327.395	0.000352	mg/L	0.000165	46.9	23.5528	0.000352 mg/L	Y 371.029
Fe 234.350	0.009796	mg/L	0.002990	30.5	78.9061	0.009796 mg/L	Y 371.029
Fe 238.204	0.009997	mg/L	0.003225	32.3	149.921	0.009997 mg/L	Y 371.029
Fe 259.940	0.009955	mg/L	0.003265	32.8	144.018	0.009955 mg/L	Y 371.029
Ga 287.423	0.000723uv	mg/L	0.002318	320.6	7.49269	0.000723 mg/L	Y 371.029
Ga 294.363	0.001465	mg/L	0.000148	10.1	13.7803	0.001465 mg/L	Y 371.029
Ga 417.204	0.000461uv	mg/L	0.001316	285.2	43.2540	0.000461 mg/L	Y 371.029
K 766.491	-0.000618uv	mg/L	0.000265	42.8	1503.99	-0.000618 mg/L	Y 371.029
K 769.897	0.007508	mg/L	0.001886	25.1	5934.42	0.007508 mg/L	Y 371.029
Li 610.365	0.000715n	mg/L	0.000252	35.2	20.8776	0.000715 mg/L	Y 371.029
Li 670.783	0.000505	mg/L	0.000024	4.7	40319.6	0.000505 mg/L	Y 371.029
Mg 279.078	-0.000478uv	mg/L	0.002106	440.5	10.2505	-0.000478 mg/L	Y 371.029
Mg 280.270	0.000180	mg/L	0.000013	7.0	241.412	0.000180 mg/L	Y 371.029
Mg 285.213	-0.000177uv	mg/L	0.000120	67.4	75.2391	-0.000177 mg/L	Y 371.029
Mn 257.610	0.000223nuv	mg/L	0.000040	18.0	-0.970783	0.000223 mg/L	Y 371.029
Mn 259.372	0.000201	mg/L	0.000053	26.5	31.7526	0.000201 mg/L	Y 371.029
Mn 260.568	0.000052uv	mg/L	0.000006	11.8	2.89578	0.000052 mg/L	Y 371.029
Mo 202.032	0.026190	mg/L	0.004826	18.4	80.8831	0.026190 mg/L	Y 371.029
Mo 203.846	0.027207	mg/L	0.005193	19.1	36.8166	0.027207 mg/L	Y 371.029
Mo 204.598	0.025465	mg/L	0.004846	19.0	38.2446	0.025465 mg/L	Y 371.029
Na 568.821	0.887782	mg/L	0.050024	5.6	102.807	0.887782 mg/L	Y 371.029
Na 588.995	-0.253501uv	mg/L	0.000278	0.1	112267	-0.253501 mg/L	Y 371.029
Na 589.592	-0.498980uv	mg/L	0.000226	0.0	48956.7	-0.498980 mg/L	Y 371.029
Ni 216.555	0.000327	mg/L	0.000230	70.4	0.757136	0.000327 mg/L	Y 371.029
Ni 221.648	0.000617	mg/L	0.000359	58.2	2.14788	0.000617 mg/L	Y 371.029
Ni 231.604	0.000705	mg/L	0.000321	45.5	3.39607	0.000705 mg/L	Y 371.029
P 177.434	0.001888uv	mg/L	0.003767	199.5	2.00464	0.001888 mg/L	Y 371.029
P 213.618	0.002465	mg/L	0.001875	76.1	4.66316	0.002465 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	-0.001509uv	mg/L	0.003243	214.9	1.84596	-0.001509 mg/L	Y 371.029
Pb 220.353	0.002159	mg/L	0.000540	25.0	2.14984	0.002159 mg/L	Y 371.029
Pb 261.417	0.006456	mg/L	0.005043	78.1	5.04403	0.006456 mg/L	Y 371.029
Pb 405.781	-0.002642uv	mg/L	0.001412	53.5	44.5710	-0.002642 mg/L	Y 371.029
Sb 206.834	0.046714	mg/L	0.002759	5.9	26.1645	0.046714 mg/L	Y 371.029
Sb 231.146	0.049311	mg/L	0.001580	3.2	23.8517	0.049311 mg/L	Y 371.029
Sb 259.804	0.055013	mg/L	0.009781	17.8	19.5600	0.055013 mg/L	Y 371.029
Se 196.026	0.014725	mg/L	0.005689	38.6	5.19890	0.014725 mg/L	Y 371.029
Se 203.985	0.021388	mg/L	0.004756	22.2	3.56635	0.021388 mg/L	Y 371.029
Si 250.690	0.005220	mg/L	0.001898	36.4	49.4858	0.005220 mg/L	Y 371.029
Si 251.611	0.001015uv	mg/L	0.001176	115.8	50.6910	0.001015 mg/L	Y 371.029
Si 288.158	-0.001868uv	mg/L	0.000128	6.8	789.275	-0.001868 mg/L	Y 371.029
Sn 189.927	0.010192	mg/L	0.004119	40.4	4.16439	0.010192 mg/L	Y 371.029
Sn 283.998	0.010440	mg/L	0.002768	26.5	17.1092	0.010440 mg/L	Y 371.029
Sr 216.596	0.000284uv	mg/L	0.000501	176.2	12.7373	0.000284 mg/L	Y 371.029
Sr 407.771	-0.000076uv	mg/L	0.000002	2.3	5232.00	-0.000076 mg/L	Y 371.029
Sr 421.552	-0.000060uv	mg/L	0.000009	15.4	3377.75	-0.000060 mg/L	Y 371.029
Ti 334.941	0.004254	mg/L	0.001468	34.5	907.470	0.004254 mg/L	Y 371.029
Ti 336.122	0.004210	mg/L	0.001479	35.1	383.044	0.004210 mg/L	Y 371.029
Ti 337.280	0.004464	mg/L	0.001538	34.4	124.224	0.004464 mg/L	Y 371.029
Tl 190.794	-0.000520uv	mg/L	0.001627	312.9	1.96358	-0.000520 mg/L	Y 371.029
Tl 190.807	0.006811	mg/L	0.001271	18.7	2.01812	0.006811 mg/L	Y 371.029
Tl 351.923	0.001538uv	mg/L	0.003560	231.5	10.6624	0.001538 mg/L	Y 371.029
V 268.796	0.001931	mg/L	0.000563	29.1	43.0858	0.001931 mg/L	Y 371.029
V 292.401	0.000294	mg/L	0.000234	79.7	19.7494	0.000294 mg/L	Y 371.029
V 311.837	0.000828	mg/L	0.000067	8.0	7.59165	0.000828 mg/L	Y 371.029
Zn 202.548	0.005888	mg/L	0.000744	12.6	348.739	0.005888 mg/L	Y 371.029
Zn 206.200	0.006810	mg/L	0.000559	8.2	116.900	0.006810 mg/L	Y 371.029
Zn 213.857	0.002010	mg/L	0.000109	5.4	830.605	0.002010 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.619465	7425.50	26.812	0.4
Y 371.029	1.03553	168789	783.304	0.5

1113024-BLK2 (Samp) **3/22/2011, 6:02:25 PM** **Rack 3, Tube 10**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000723	mg/L	0.000199	27.5	180.214	0.000723 mg/L	Y 371.029
Ag 338.289	0.000979	mg/L	0.000909	92.8	0.436172	0.000979 mg/L	Y 371.029
Al 237.312	0.001324uv	mg/L	0.001778	134.2	39.7142	0.001324 mg/L	Y 371.029
Al 257.509	0.007087uv	mg/L	0.010841	153.0	20.2614	0.007087 mg/L	Y 371.029
Al 308.215	-0.011845uv	mg/L	0.001035	8.7	1099.50	-0.011845 mg/L	Y 371.029
As 188.980	0.006666	mg/L	0.004394	65.9	4.93784	0.006666 mg/L	Y 371.029
As 193.696	-0.003608uv	mg/L	0.001073	29.7	1.62172	-0.003608 mg/L	Y 371.029
As 228.812	0.001514uv	mg/L	0.001208	79.7	6.70077	0.001514 mg/L	Y 371.029
B 182.577	0.018015	mg/L	0.002868	15.9	9.13502	0.018015 mg/L	Y 371.029
B 249.678	0.016655	mg/L	0.001696	10.2	146.901	0.016655 mg/L	Y 371.029
B 249.772	0.016784	mg/L	0.001525	9.1	271.594	0.016784 mg/L	Y 371.029
Ba 233.527	0.000001uv	mg/L	0.000088	6990.1	144.931	0.000001 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Ba 455.403	-0.000264uv	mg/L	0.000008	3.2	4088.81	-0.000264	mg/L	Y 371.029
Ba 493.408	-0.000276uv	mg/L	0.000016	5.8	2689.69	-0.000276	mg/L	Y 371.029
Be 234.861	0.000030	mg/L	0.000021	71.1	0.682922	0.000030	mg/L	Y 371.029
Be 313.042	-0.000041uv	mg/L	0.000003	7.6	362.092	-0.000041	mg/L	Y 371.029
Be 313.107	0.000026	mg/L	0.000004	14.0	18.6447	0.000026	mg/L	Y 371.029
Ca 393.366	0.001568	mg/L	0.000011	0.7	16824.6	0.001568	mg/L	Y 371.029
Ca 396.847	0.001621	mg/L	0.000018	1.1	28387.2	0.001621	mg/L	Y 371.029
Ca 430.253	0.004857	mg/L	0.002254	46.4	505.435	0.004857	mg/L	Y 371.029
Cd 214.439	0.000652	mg/L	0.000055	8.4	8.32180	0.000652	mg/L	Y 371.029
Cd 226.502	0.000529	mg/L	0.000075	14.1	27.2326	0.000529	mg/L	Y 371.029
Cd 228.802	0.000644	mg/L	0.000180	28.0	17.5412	0.000644	mg/L	Y 371.029
Co 228.615	0.001318	mg/L	0.000278	21.1	4.99294	0.001318	mg/L	Y 371.029
Co 230.786	-0.000501uv	mg/L	0.000461	92.1	2.84631	-0.000501	mg/L	Y 371.029
Co 238.892	0.000281uv	mg/L	0.000290	103.2	2.62297	0.000281	mg/L	Y 371.029
Cr 205.560	0.000235uv	mg/L	0.000343	146.3	2.83914	0.000235	mg/L	Y 371.029
Cr 206.158	0.000848	mg/L	0.000557	65.6	1.49158	0.000848	mg/L	Y 371.029
Cr 267.716	0.000293	mg/L	0.000074	25.3	19.6035	0.000293	mg/L	Y 371.029
Cu 213.598	0.000783	mg/L	0.000514	65.7	1.88648	0.000783	mg/L	Y 371.029
Cu 324.754	-0.001311uv	mg/L	0.000225	17.1	378.648	-0.001311	mg/L	Y 371.029
Cu 327.395	0.000299	mg/L	0.000040	13.3	21.4447	0.000299	mg/L	Y 371.029
Fe 234.350	0.005511	mg/L	0.001509	27.4	50.1000	0.005511	mg/L	Y 371.029
Fe 238.204	0.006094	mg/L	0.001758	28.8	95.9925	0.006094	mg/L	Y 371.029
Fe 259.940	0.005981	mg/L	0.001631	27.3	95.1332	0.005981	mg/L	Y 371.029
Ga 287.423	-0.000319uv	mg/L	0.002091	655.7	5.53687	-0.000319	mg/L	Y 371.029
Ga 294.363	0.001958	mg/L	0.000694	35.5	16.2840	0.001958	mg/L	Y 371.029
Ga 417.204	-0.000116uv	mg/L	0.001302	1124.5	38.2701	-0.000116	mg/L	Y 371.029
K 766.491	0.000665	mg/L	0.000246	37.0	1576.81	0.000665	mg/L	Y 371.029
K 769.897	0.007883	mg/L	0.000884	11.2	5951.23	0.007883	mg/L	Y 371.029
Li 610.365	0.000483n	mg/L	0.000234	48.4	13.0957	0.000483	mg/L	Y 371.029
Li 670.783	-0.000051uv	mg/L	0.000021	41.3	38982.7	-0.000051	mg/L	Y 371.029
Mg 279.078	-0.002778uv	mg/L	0.003283	118.2	7.72454	-0.002778	mg/L	Y 371.029
Mg 280.270	0.000194	mg/L	0.000024	12.1	242.552	0.000194	mg/L	Y 371.029
Mg 285.213	-0.000262uv	mg/L	0.000104	39.5	72.9196	-0.000262	mg/L	Y 371.029
Mn 257.610	0.000245nuv	mg/L	0.000008	3.1	1.57761	0.000245	mg/L	Y 371.029
Mn 259.372	0.000179	mg/L	0.000039	21.9	25.7371	0.000179	mg/L	Y 371.029
Mn 260.568	0.000166	mg/L	0.000074	44.7	4.61944	0.000166	mg/L	Y 371.029
Mo 202.032	0.012582	mg/L	0.002590	20.6	42.4690	0.012582	mg/L	Y 371.029
Mo 203.846	0.013202	mg/L	0.003045	23.1	19.9231	0.013202	mg/L	Y 371.029
Mo 204.598	0.011166	mg/L	0.003485	31.2	18.0249	0.011166	mg/L	Y 371.029
Na 568.821	0.910522	mg/L	0.055296	6.1	108.254	0.910522	mg/L	Y 371.029
Na 588.995	-0.257877uv	mg/L	0.000161	0.1	110524	-0.257877	mg/L	Y 371.029
Na 589.592	-0.505276uv	mg/L	0.000333	0.1	47678.1	-0.505276	mg/L	Y 371.029
Ni 216.555	0.001186	mg/L	0.000120	10.1	3.59859	0.001186	mg/L	Y 371.029
Ni 221.648	0.001034	mg/L	0.000400	38.6	2.69966	0.001034	mg/L	Y 371.029
Ni 231.604	0.001217	mg/L	0.000599	49.2	4.57939	0.001217	mg/L	Y 371.029
P 177.434	0.013571	mg/L	0.009283	68.4	3.24936	0.013571	mg/L	Y 371.029
P 213.618	-0.003382uv	mg/L	0.002736	80.9	2.19902	-0.003382	mg/L	Y 371.029
P 214.914	-0.001043uv	mg/L	0.003841	368.4	1.89065	-0.001043	mg/L	Y 371.029
Pb 220.353	0.003878	mg/L	0.002462	63.5	3.38712	0.003878	mg/L	Y 371.029
Pb 261.417	0.006048	mg/L	0.006331	104.7	4.87663	0.006048	mg/L	Y 371.029
Pb 405.781	-0.011237uv	mg/L	0.006361	56.6	35.0854	-0.011237	mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.018656	mg/L	0.003012	16.1	13.4629	0.018656 mg/L	Y 371.029
Sb 231.146	0.011573	mg/L	0.002004	17.3	9.74781	0.011573 mg/L	Y 371.029
Sb 259.804	0.021673	mg/L	0.003700	17.1	8.99296	0.021673 mg/L	Y 371.029
Se 196.026	0.014812	mg/L	0.004925	33.2	5.21547	0.014812 mg/L	Y 371.029
Se 203.985	0.008375	mg/L	0.002410	28.8	2.07924	0.008375 mg/L	Y 371.029
Si 250.690	0.008399	mg/L	0.001223	14.6	52.8020	0.008399 mg/L	Y 371.029
Si 251.611	0.005617	mg/L	0.000596	10.6	55.6205	0.005617 mg/L	Y 371.029
Si 288.158	-0.000834uv	mg/L	0.000415	49.8	795.403	-0.000834 mg/L	Y 371.029
Sn 189.927	0.007788	mg/L	0.003609	46.3	3.66356	0.007788 mg/L	Y 371.029
Sn 283.998	0.006351	mg/L	0.001277	20.1	11.9591	0.006351 mg/L	Y 371.029
Sr 216.596	0.000703	mg/L	0.000325	46.2	14.8865	0.000703 mg/L	Y 371.029
Sr 407.771	-0.000079uv	mg/L	0.000020	25.5	5225.04	-0.000079 mg/L	Y 371.029
Sr 421.552	-0.000070uv	mg/L	0.000013	18.0	3361.14	-0.000070 mg/L	Y 371.029
Ti 334.941	0.002352	mg/L	0.000896	38.1	525.303	0.002352 mg/L	Y 371.029
Ti 336.122	0.002197	mg/L	0.000859	39.1	211.988	0.002197 mg/L	Y 371.029
Ti 337.280	0.002531	mg/L	0.000676	26.7	68.6710	0.002531 mg/L	Y 371.029
Tl 190.794	-0.003434uv	mg/L	0.002461	71.6	1.21555	-0.003434 mg/L	Y 371.029
Tl 190.807	0.025757	mg/L	0.004114	16.0	4.46596	0.025757 mg/L	Y 371.029
Tl 351.923	0.002358	mg/L	0.002403	101.9	11.8862	0.002358 mg/L	Y 371.029
V 268.796	0.001451	mg/L	0.000276	19.0	30.9916	0.001451 mg/L	Y 371.029
V 292.401	0.000039uv	mg/L	0.000067	170.7	13.4932	0.000039 mg/L	Y 371.029
V 311.837	0.000849	mg/L	0.000097	11.4	8.28347	0.000849 mg/L	Y 371.029
Zn 202.548	0.006418	mg/L	0.000655	10.2	351.211	0.006418 mg/L	Y 371.029
Zn 206.200	0.007827	mg/L	0.000647	8.3	118.475	0.007827 mg/L	Y 371.029
Zn 213.857	0.001782	mg/L	0.000320	17.9	827.970	0.001782 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.621916	7454.88	29.168	0.4
Y 371.029	1.04113	169703	592.049	0.3

1113024-BS2 (Samp) **3/22/2011, 6:05:24 PM** **Rack 3, Tube 11**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.524737	mg/L	0.000648	0.1	23068.6	0.524737 mg/L	Y 371.029
Ag 338.289	0.504254	mg/L	0.001609	0.3	1352.98	0.504254 mg/L	Y 371.029
Al 237.312	4.90607	mg/L	0.006332	0.1	5467.25	4.90607 mg/L	Y 371.029
Al 257.509	4.87689	mg/L	0.010179	0.2	2442.13	4.87689 mg/L	Y 371.029
Al 308.215	5.10776	mg/L	0.003692	0.1	26728.9	5.10776 mg/L	Y 371.029
As 188.980	1.07526	mg/L	0.005400	0.5	249.276	1.07526 mg/L	Y 371.029
As 193.696	1.06787	mg/L	0.003803	0.4	306.145	1.06787 mg/L	Y 371.029
As 228.812	1.96805	mg/L	0.009721	0.5	3215.43	1.96805 mg/L	Y 371.029
B 182.577	0.959745	mg/L	0.013452	1.4	335.598	0.959745 mg/L	Y 371.029
B 249.678	0.974057	mg/L	0.003752	0.4	7602.88	0.974057 mg/L	Y 371.029
B 249.772	0.960117	mg/L	0.007760	0.8	13884.5	0.960117 mg/L	Y 371.029
Ba 233.527	1.03996	mg/L	0.004382	0.4	31841.7	1.03996 mg/L	Y 371.029
Ba 455.403	0.980269	mg/L	0.001531	0.2	887370	0.980269 mg/L	Y 371.029
Ba 493.408	0.975235	mg/L	0.002819	0.3	576516	0.975235 mg/L	Y 371.029
Be 234.861	1.02360	mg/L	0.002674	0.3	92947.9	1.02360 mg/L	Y 371.029
Be 313.042	1.07411	mg/L	0.002426	0.2	1427946	1.07411 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	1.07502	mg/L	0.002242	0.2	714389	1.07502 mg/L	Y 371.029
Ca 393.366	7.53485	mg/L	0.004803	0.1	9669901	7.53485 mg/L	Y 371.029
Ca 396.847	8.35671	mg/L	0.012243	0.1	17705102	8.35671 mg/L	Y 371.029
Ca 430.253	9.50160	mg/L	0.009533	0.1	33118.1	9.50160 mg/L	Y 371.029
Cd 214.439	1.04885	mg/L	0.012618	1.2	11396.1	1.04885 mg/L	Y 371.029
Cd 226.502	1.04780	mg/L	0.001359	0.1	25396.1	1.04780 mg/L	Y 371.029
Cd 228.802	1.00143	mg/L	0.006615	0.7	10840.4	1.00143 mg/L	Y 371.029
Co 228.615	1.03762	mg/L	0.001795	0.2	6476.77	1.03762 mg/L	Y 371.029
Co 230.786	1.03558	mg/L	0.002033	0.2	4592.79	1.03558 mg/L	Y 371.029
Co 238.892	1.00223	mg/L	0.006032	0.6	4302.33	1.00223 mg/L	Y 371.029
Cr 205.560	1.04092	mg/L	0.008136	0.8	3092.41	1.04092 mg/L	Y 371.029
Cr 206.158	1.05140	mg/L	0.011750	1.1	1297.35	1.05140 mg/L	Y 371.029
Cr 267.716	1.04264	mg/L	0.001714	0.2	17315.2	1.04264 mg/L	Y 371.029
Cu 213.598	1.06355	mg/L	0.007604	0.7	2483.00	1.06355 mg/L	Y 371.029
Cu 324.754	0.983241	mg/L	0.006600	0.7	29423.5	0.983241 mg/L	Y 371.029
Cu 327.395	0.995256	mg/L	0.003627	0.4	39599.5	0.995256 mg/L	Y 371.029
Fe 234.350	5.16277	mg/L	0.009703	0.2	34884.2	5.16277 mg/L	Y 371.029
Fe 238.204	5.15447	mg/L	0.068794	1.3	71460.3	5.15447 mg/L	Y 371.029
Fe 259.940	5.21843	mg/L	0.045300	0.9	64398.5	5.21843 mg/L	Y 371.029
Ga 287.423	0.989182	mg/L	0.003088	0.3	1894.28	0.989182 mg/L	Y 371.029
Ga 294.363	0.969850	mg/L	0.001600	0.2	4962.86	0.969850 mg/L	Y 371.029
Ga 417.204	0.956418	mg/L	0.000525	0.1	7553.78	0.956418 mg/L	Y 371.029
K 766.491	9.45569	mg/L	0.006855	0.1	538572	9.45569 mg/L	Y 371.029
K 769.897	10.0168	mg/L	0.194665	1.9	460889	10.0168 mg/L	Y 371.029
Li 610.365	1.05410n	mg/L	0.001295	0.1	35279.8	1.05410 mg/L	Y 371.029
Li 670.783	1.03015	mg/L	0.002839	0.3	2516489	1.03015 mg/L	Y 371.029
Mg 279.078	10.1614	mg/L	0.014911	0.1	11236.4	10.1614 mg/L	Y 371.029
Mg 280.270	10.0222	mg/L	0.025772	0.3	778492	10.0222 mg/L	Y 371.029
Mg 285.213	10.3995	mg/L	0.074764	0.7	291583	10.3995 mg/L	Y 371.029
Mn 257.610	0.997350n	mg/L	0.009199	0.9	115156	0.997350 mg/L	Y 371.029
Mn 259.372	1.00527	mg/L	0.011224	1.1	88555.3	1.00527 mg/L	Y 371.029
Mn 260.568	1.03647	mg/L	0.001297	0.1	15679.3	1.03647 mg/L	Y 371.029
Mo 202.032	1.04796	mg/L	0.014266	1.4	2981.05	1.04796 mg/L	Y 371.029
Mo 203.846	1.04656	mg/L	0.017854	1.7	1273.57	1.04656 mg/L	Y 371.029
Mo 204.598	1.03336	mg/L	0.017697	1.7	1471.97	1.03336 mg/L	Y 371.029
Na 568.821	9.07451	mg/L	0.067975	0.7	2047.24	9.07451 mg/L	Y 371.029
Na 588.995	10.1417	mg/L	0.034259	0.3	4253216	10.1417 mg/L	Y 371.029
Na 589.592	10.6246	mg/L	0.022061	0.2	2309268	10.6246 mg/L	Y 371.029
Ni 216.555	1.03934	mg/L	0.001995	0.2	3451.89	1.03934 mg/L	Y 371.029
Ni 221.648	1.04247	mg/L	0.003298	0.3	1389.68	1.04247 mg/L	Y 371.029
Ni 231.604	1.04543	mg/L	0.007135	0.7	2434.10	1.04543 mg/L	Y 371.029
P 177.434	1.06562	mg/L	0.006628	0.6	115.333	1.06562 mg/L	Y 371.029
P 213.618	1.03951	mg/L	0.018627	1.8	444.613	1.03951 mg/L	Y 371.029
P 214.914	1.03161	mg/L	0.012711	1.2	120.705	1.03161 mg/L	Y 371.029
Pb 220.353	1.02053	mg/L	0.002385	0.2	735.391	1.02053 mg/L	Y 371.029
Pb 261.417	0.740230	mg/L	0.003002	0.4	307.433	0.740230 mg/L	Y 371.029
Pb 405.781	0.969951	mg/L	0.007770	0.8	1119.44	0.969951 mg/L	Y 371.029
Sb 206.834	0.765263	mg/L	0.011832	1.5	358.739	0.765263 mg/L	Y 371.029
Sb 231.146	0.790254	mg/L	0.010915	1.4	304.941	0.790254 mg/L	Y 371.029
Sb 259.804	0.546065	mg/L	0.006445	1.2	178.922	0.546065 mg/L	Y 371.029
Se 196.026	1.15759	mg/L	0.017194	1.5	226.619	1.15759 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	1.13290	mg/L	0.018650	1.6	136.514	1.13290 mg/L	Y 371.029
Si 250.690	1.02831	mg/L	0.008706	0.8	1132.04	1.02831 mg/L	Y 371.029
Si 251.611	1.03041	mg/L	0.006904	0.7	1235.17	1.03041 mg/L	Y 371.029
Si 288.158	1.00702	mg/L	0.008549	0.8	6739.43	1.00702 mg/L	Y 371.029
Sn 189.927	1.05283	mg/L	0.006872	0.7	221.605	1.05283 mg/L	Y 371.029
Sn 283.998	1.11593	mg/L	0.006107	0.5	1841.81	1.11593 mg/L	Y 371.029
Sr 216.596	1.10234	mg/L	0.005639	0.5	5700.07	1.10234 mg/L	Y 371.029
Sr 407.771	1.01273	mg/L	0.007011	0.7	2556303	1.01273 mg/L	Y 371.029
Sr 421.552	1.01894	mg/L	0.002013	0.2	1709773	1.01894 mg/L	Y 371.029
Ti 334.941	1.01334	mg/L	0.007102	0.7	203806	1.01334 mg/L	Y 371.029
Ti 336.122	1.01642	mg/L	0.006812	0.7	86436.4	1.01642 mg/L	Y 371.029
Ti 337.280	1.02477	mg/L	0.000809	0.1	29464.8	1.02477 mg/L	Y 371.029
Tl 190.794	1.01582	mg/L	0.005754	0.6	263.993	1.01582 mg/L	Y 371.029
Tl 190.807	1.04051	mg/L	0.009849	0.9	136.536	1.04051 mg/L	Y 371.029
Tl 351.923	1.00634	mg/L	0.001508	0.1	1521.83	1.00634 mg/L	Y 371.029
V 268.796	0.945235	mg/L	0.001419	0.2	7968.20	0.945235 mg/L	Y 371.029
V 292.401	1.03309	mg/L	0.001165	0.1	25359.7	1.03309 mg/L	Y 371.029
V 311.837	1.02936	mg/L	0.001286	0.1	35843.3	1.02936 mg/L	Y 371.029
Zn 202.548	1.09762	mg/L	0.004640	0.4	5445.55	1.09762 mg/L	Y 371.029
Zn 206.200	1.09052	mg/L	0.007745	0.7	1804.04	1.09052 mg/L	Y 371.029
Zn 213.857	1.02237	mg/L	0.013106	1.3	12805.1	1.02237 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.622233	7458.68	16.632	0.2
Y 371.029	1.03844	169264	899.432	0.5

11C0940-01 (Samp) **3/22/2011, 6:09:31 PM** **Rack 3, Tube 12**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000738	mg/L	0.000098	13.3	181.271	0.003692 mg/L	Y 371.029
Ag 338.289	0.001587	mg/L	0.000761	47.9	2.08026	0.007936 mg/L	Y 371.029
Al 237.312	0.477129	mg/L	0.006294	1.3	565.813	2.38564 mg/L	Y 371.029
Al 257.509	0.481016	mg/L	0.005213	1.1	255.818	2.40508 mg/L	Y 371.029
Al 308.215	0.479293	mg/L	0.001845	0.4	3547.42	2.39646 mg/L	Y 371.029
As 188.980	0.009560	mg/L	0.002724	28.5	5.59994	0.047800 mg/L	Y 371.029
As 193.696	-0.002007uv	mg/L	0.003472	173.0	2.08146	-0.010035 mg/L	Y 371.029
As 228.812	0.011429	mg/L	0.001240	10.9	23.1195	0.057147 mg/L	Y 371.029
B 182.577	0.341368	mg/L	0.001321	0.4	121.114	1.70684 mg/L	Y 371.029
B 249.678	0.348927	mg/L	0.001728	0.5	2731.36	1.74463 mg/L	Y 371.029
B 249.772	0.345529	mg/L	0.000909	0.3	4990.29	1.72764 mg/L	Y 371.029
Ba 233.527	0.001334	mg/L	0.000028	2.1	185.738	0.006670 mg/L	Y 371.029
Ba 455.403	0.001040	mg/L	0.000011	1.1	5267.34	0.005201 mg/L	Y 371.029
Ba 493.408	0.001000	mg/L	0.000027	2.7	3442.75	0.004999 mg/L	Y 371.029
Be 234.861	0.000046	mg/L	0.000012	25.2	2.18883	0.000230 mg/L	Y 371.029
Be 313.042	-0.000040uv	mg/L	0.000001	3.6	362.840	-0.000199 mg/L	Y 371.029
Be 313.107	-0.000000uv	mg/L	0.000006	2361.6	0.674550	-0.000001 mg/L	Y 371.029
Ca 393.366	0.020256	mg/L	0.000030	0.1	40902.7	0.101279 mg/L	Y 371.029
Ca 396.847	0.021020	mg/L	0.000018	0.1	69511.7	0.105099 mg/L	Y 371.029
Ca 430.253	0.019225	mg/L	0.003995	20.8	556.319	0.096125 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.006043	mg/L	0.000186	3.1	66.8771	0.030213 mg/L	Y 371.029
Cd 226.502	0.005995	mg/L	0.000073	1.2	159.668	0.029976 mg/L	Y 371.029
Cd 228.802	0.005941	mg/L	0.000061	1.0	74.8288	0.029704 mg/L	Y 371.029
Co 228.615	0.002135	mg/L	0.000473	22.2	10.4092	0.010673 mg/L	Y 371.029
Co 230.786	0.001204	mg/L	0.000640	53.2	10.4282	0.006022 mg/L	Y 371.029
Co 238.892	0.001178	mg/L	0.000249	21.2	6.42932	0.005889 mg/L	Y 371.029
Cr 205.560	0.000874	mg/L	0.000330	37.7	5.10331	0.004370 mg/L	Y 371.029
Cr 206.158	0.001209	mg/L	0.000368	30.4	2.09007	0.006045 mg/L	Y 371.029
Cr 267.716	0.000500	mg/L	0.000311	62.2	25.0985	0.002502 mg/L	Y 371.029
Cu 213.598	0.001108	mg/L	0.000400	36.1	2.74987	0.005540 mg/L	Y 371.029
Cu 324.754	0.000022uv	mg/L	0.000451	2077.4	417.667	0.000109 mg/L	Y 371.029
Cu 327.395	0.001846	mg/L	0.000212	11.5	83.5232	0.009230 mg/L	Y 371.029
Fe 234.350	0.038880	mg/L	0.002056	5.3	283.427	0.194402 mg/L	Y 371.029
Fe 238.204	0.039741	mg/L	0.001974	5.0	579.547	0.198707 mg/L	Y 371.029
Fe 259.940	0.039879	mg/L	0.001743	4.4	528.699	0.199395 mg/L	Y 371.029
Ga 287.423	0.005982	mg/L	0.000914	15.3	17.6015	0.029909 mg/L	Y 371.029
Ga 294.363	0.000812	mg/L	0.000518	63.8	10.5702	0.004061 mg/L	Y 371.029
Ga 417.204	0.000119	mg/L	0.000764	641.0	50.6218	0.000596 mg/L	Y 371.029
K 766.491	0.269242	mg/L	0.000262	0.1	16828.2	1.34621 mg/L	Y 371.029
K 769.897	0.274284	mg/L	0.001534	0.6	18058.4	1.37142 mg/L	Y 371.029
Li 610.365	0.000865n	mg/L	0.000043	5.0	25.8799	0.004324 mg/L	Y 371.029
Li 670.783	0.001100	mg/L	0.000024	2.2	41766.7	0.005502 mg/L	Y 371.029
Mg 279.078	0.036099	mg/L	0.004150	11.5	50.6388	0.180495 mg/L	Y 371.029
Mg 280.270	0.038255	mg/L	0.000087	0.2	3199.10	0.191277 mg/L	Y 371.029
Mg 285.213	0.035714	mg/L	0.000018	0.1	1080.65	0.178572 mg/L	Y 371.029
Mn 257.610	-0.000324n	mg/L	0.000036	11.1	40.0465	-0.001620 mg/L	Y 371.029
Mn 259.372	0.000319	mg/L	0.000052	16.2	59.1666	0.001597 mg/L	Y 371.029
Mn 260.568	0.000211	mg/L	0.000035	16.6	7.91005	0.001054 mg/L	Y 371.029
Mo 202.032	0.024664	mg/L	0.004088	16.6	77.5476	0.123319 mg/L	Y 371.029
Mo 203.846	0.025283	mg/L	0.003759	14.9	34.9372	0.126417 mg/L	Y 371.029
Mo 204.598	0.024084	mg/L	0.003931	16.3	36.7998	0.120418 mg/L	Y 371.029
Na 568.821	1.32016	mg/L	0.018348	1.4	205.740	6.60080 mg/L	Y 371.029
Na 588.995	0.584310	mg/L	0.000695	0.1	445829	2.92155 mg/L	Y 371.029
Na 589.592	0.314388	mg/L	0.001391	0.4	214142	1.57194 mg/L	Y 371.029
Ni 216.555	0.000825	mg/L	0.000363	44.0	2.51164	0.004125 mg/L	Y 371.029
Ni 221.648	0.000978	mg/L	0.000697	71.2	2.67900	0.004892 mg/L	Y 371.029
Ni 231.604	0.000587uv	mg/L	0.000836	142.3	3.19525	0.002936 mg/L	Y 371.029
P 177.434	0.085784	mg/L	0.003167	3.7	10.9384	0.428918 mg/L	Y 371.029
P 213.618	0.065216	mg/L	0.001033	1.6	31.0961	0.326078 mg/L	Y 371.029
P 214.914	0.069202	mg/L	0.005090	7.4	9.85619	0.346012 mg/L	Y 371.029
Pb 220.353	0.035381	mg/L	0.001592	4.5	26.0678	0.176905 mg/L	Y 371.029
Pb 261.417	0.035334	mg/L	0.010625	30.1	16.9881	0.176670 mg/L	Y 371.029
Pb 405.781	0.026953	mg/L	0.003301	12.2	77.2575	0.134766 mg/L	Y 371.029
Sb 206.834	0.057478	mg/L	0.002516	4.4	31.2911	0.287390 mg/L	Y 371.029
Sb 231.146	0.047327	mg/L	0.003614	7.6	23.2938	0.236637 mg/L	Y 371.029
Sb 259.804	0.056878	mg/L	0.006284	11.0	20.2973	0.284391 mg/L	Y 371.029
Se 196.026	0.019904	mg/L	0.007064	35.5	6.21309	0.099519 mg/L	Y 371.029
Se 203.985	0.012453	mg/L	0.005120	41.1	2.54325	0.062267 mg/L	Y 371.029
Si 250.690	0.284712	mg/L	0.001802	0.6	341.068	1.42356 mg/L	Y 371.029
Si 251.611	0.289625	mg/L	0.003702	1.3	375.099	1.44813 mg/L	Y 371.029
Si 288.158	0.280326	mg/L	0.002554	0.9	2450.68	1.40163 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.008084	mg/L	0.000946	11.7	3.72963	0.040421 mg/L	Y 371.029
Sn 283.998	0.007070	mg/L	0.001256	17.8	13.1961	0.035350 mg/L	Y 371.029
Sr 216.596	0.001377	mg/L	0.000309	22.5	18.4247	0.006883 mg/L	Y 371.029
Sr 407.771	0.001305	mg/L	0.000008	0.6	8723.88	0.006526 mg/L	Y 371.029
Sr 421.552	0.001320	mg/L	0.000016	1.2	5698.47	0.006602 mg/L	Y 371.029
Ti 334.941	0.031288	mg/L	0.000853	2.7	6345.44	0.156440 mg/L	Y 371.029
Ti 336.122	0.032172	mg/L	0.000849	2.6	2761.20	0.160858 mg/L	Y 371.029
Ti 337.280	0.031454	mg/L	0.000851	2.7	900.631	0.157268 mg/L	Y 371.029
Tl 190.794	-0.002572uv	mg/L	0.002100	81.7	1.44397	-0.012859 mg/L	Y 371.029
Tl 190.807	0.029160	mg/L	0.001049	3.6	4.91588	0.145798 mg/L	Y 371.029
Tl 351.923	-0.000670uv	mg/L	0.001979	295.4	7.38486	-0.003349 mg/L	Y 371.029
V 268.796	0.001947	mg/L	0.000581	29.8	42.9588	0.009737 mg/L	Y 371.029
V 292.401	0.000339	mg/L	0.000158	46.7	22.8070	0.001693 mg/L	Y 371.029
V 311.837	0.000645	mg/L	0.000055	8.5	2.89273	0.003224 mg/L	Y 371.029
Zn 202.548	0.012036	mg/L	0.000049	0.4	377.657	0.060181 mg/L	Y 371.029
Zn 206.200	0.012338	mg/L	0.000505	4.1	125.602	0.061690 mg/L	Y 371.029
Zn 213.857	0.006655	mg/L	0.000833	12.5	885.745	0.033277 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.625912	7502.79	4.983	0.1
Y 371.029	1.04135	169739	256.040	0.2

1113024-DUP2 (Samp) **3/22/2011, 6:13:10 PM** **Rack 3, Tube 13**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000773	mg/L	0.000127	16.4	182.741	0.000773 mg/L	Y 371.029
Ag 338.289	0.000070uv	mg/L	0.000363	519.6	-2.01118	0.000070 mg/L	Y 371.029
Al 237.312	0.482497	mg/L	0.002840	0.6	571.735	0.482497 mg/L	Y 371.029
Al 257.509	0.482322	mg/L	0.011380	2.4	256.461	0.482322 mg/L	Y 371.029
Al 308.215	0.483132	mg/L	0.000154	0.0	3565.30	0.483132 mg/L	Y 371.029
As 188.980	0.009993	mg/L	0.004770	47.7	5.69853	0.009993 mg/L	Y 371.029
As 193.696	0.003459uv	mg/L	0.005802	167.7	3.63458	0.003459 mg/L	Y 371.029
As 228.812	0.012187	mg/L	0.002533	20.8	24.0337	0.012187 mg/L	Y 371.029
B 182.577	0.337339	mg/L	0.003803	1.1	119.719	0.337339 mg/L	Y 371.029
B 249.678	0.345353	mg/L	0.004091	1.2	2703.56	0.345353 mg/L	Y 371.029
B 249.772	0.338925	mg/L	0.000786	0.2	4895.53	0.338925 mg/L	Y 371.029
Ba 233.527	0.001337	mg/L	0.000105	7.8	185.836	0.001337 mg/L	Y 371.029
Ba 455.403	0.001054	mg/L	0.000020	1.9	5279.69	0.001054 mg/L	Y 371.029
Ba 493.408	0.001029	mg/L	0.000014	1.4	3459.79	0.001029 mg/L	Y 371.029
Be 234.861	0.000039	mg/L	0.000010	26.3	1.58850	0.000039 mg/L	Y 371.029
Be 313.042	-0.000058uv	mg/L	0.000000	0.5	338.490	-0.000058 mg/L	Y 371.029
Be 313.107	-0.000005uv	mg/L	0.000004	69.8	-2.74047	-0.000005 mg/L	Y 371.029
Ca 393.366	0.022844	mg/L	0.000103	0.5	44196.9	0.022844 mg/L	Y 371.029
Ca 396.847	0.022918	mg/L	0.000082	0.4	73521.7	0.022918 mg/L	Y 371.029
Ca 430.253	0.035836	mg/L	0.004849	13.5	613.348	0.035836 mg/L	Y 371.029
Cd 214.439	0.006241	mg/L	0.000234	3.7	69.0350	0.006241 mg/L	Y 371.029
Cd 226.502	0.006024	mg/L	0.000063	1.0	160.361	0.006024 mg/L	Y 371.029
Cd 228.802	0.006007	mg/L	0.000151	2.5	75.5420	0.006007 mg/L	Y 371.029
Co 228.615	0.002325	mg/L	0.000086	3.7	11.5903	0.002325 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.000360uv	mg/L	0.000512	142.3	6.68127	0.000360 mg/L	Y 371.029
Co 238.892	0.001361	mg/L	0.000104	7.7	7.21395	0.001361 mg/L	Y 371.029
Cr 205.560	0.000262	mg/L	0.000245	93.6	3.29136	0.000262 mg/L	Y 371.029
Cr 206.158	0.001020uv	mg/L	0.001278	125.3	1.85909	0.001020 mg/L	Y 371.029
Cr 267.716	0.000289	mg/L	0.000211	72.9	21.6200	0.000289 mg/L	Y 371.029
Cu 213.598	0.001648	mg/L	0.000206	12.5	3.95293	0.001648 mg/L	Y 371.029
Cu 324.754	0.000237	mg/L	0.000130	54.7	424.013	0.000237 mg/L	Y 371.029
Cu 327.395	0.001557	mg/L	0.000302	19.4	72.0727	0.001557 mg/L	Y 371.029
Fe 234.350	0.037031	mg/L	0.001909	5.2	271.054	0.037031 mg/L	Y 371.029
Fe 238.204	0.037975	mg/L	0.001474	3.9	555.274	0.037975 mg/L	Y 371.029
Fe 259.940	0.038132	mg/L	0.001225	3.2	507.327	0.038132 mg/L	Y 371.029
Ga 287.423	0.001556	mg/L	0.001580	101.6	9.37080	0.001556 mg/L	Y 371.029
Ga 294.363	0.001749	mg/L	0.000775	44.3	15.3388	0.001749 mg/L	Y 371.029
Ga 417.204	-0.000534	mg/L	0.000240	44.8	45.3999	-0.000534 mg/L	Y 371.029
K 766.491	0.271124	mg/L	0.000699	0.3	16935.0	0.271124 mg/L	Y 371.029
K 769.897	0.275940	mg/L	0.000603	0.2	18133.1	0.275940 mg/L	Y 371.029
Li 610.365	0.000869n	mg/L	0.000254	29.3	26.0283	0.000869 mg/L	Y 371.029
Li 670.783	0.001099	mg/L	0.000003	0.3	41762.5	0.001099 mg/L	Y 371.029
Mg 279.078	0.039103	mg/L	0.002248	5.7	53.9635	0.039103 mg/L	Y 371.029
Mg 280.270	0.038980	mg/L	0.000156	0.4	3255.34	0.038980 mg/L	Y 371.029
Mg 285.213	0.036519	mg/L	0.000108	0.3	1103.39	0.036519 mg/L	Y 371.029
Mn 257.610	-0.000329n	mg/L	0.000017	5.1	40.6787	-0.000329 mg/L	Y 371.029
Mn 259.372	0.000304	mg/L	0.000046	15.1	53.8383	0.000304 mg/L	Y 371.029
Mn 260.568	0.000215	mg/L	0.000141	65.6	8.00827	0.000215 mg/L	Y 371.029
Mo 202.032	0.010857	mg/L	0.002514	23.2	38.5439	0.010857 mg/L	Y 371.029
Mo 203.846	0.010474	mg/L	0.002975	28.4	17.0609	0.010474 mg/L	Y 371.029
Mo 204.598	0.009574	mg/L	0.001603	16.7	16.2652	0.009574 mg/L	Y 371.029
Na 568.821	1.31505	mg/L	0.054711	4.2	204.550	1.31505 mg/L	Y 371.029
Na 588.995	0.588193	mg/L	0.001344	0.2	447375	0.588193 mg/L	Y 371.029
Na 589.592	0.319843	mg/L	0.001935	0.6	215249	0.319843 mg/L	Y 371.029
Ni 216.555	0.001299	mg/L	0.000292	22.5	4.08278	0.001299 mg/L	Y 371.029
Ni 221.648	0.000688uv	mg/L	0.000724	105.2	2.29309	0.000688 mg/L	Y 371.029
Ni 231.604	0.000360	mg/L	0.000267	74.1	2.66705	0.000360 mg/L	Y 371.029
P 177.434	0.086357	mg/L	0.005201	6.0	10.9998	0.086357 mg/L	Y 371.029
P 213.618	0.063828	mg/L	0.005353	8.4	30.5090	0.063828 mg/L	Y 371.029
P 214.914	0.078221	mg/L	0.003235	4.1	10.8697	0.078221 mg/L	Y 371.029
Pb 220.353	0.035808	mg/L	0.000491	1.4	26.3750	0.035808 mg/L	Y 371.029
Pb 261.417	0.035291	mg/L	0.004048	11.5	16.9689	0.035291 mg/L	Y 371.029
Pb 405.781	0.028067	mg/L	0.010604	37.8	78.4705	0.028067 mg/L	Y 371.029
Sb 206.834	0.025235	mg/L	0.003787	15.0	16.6981	0.025235 mg/L	Y 371.029
Sb 231.146	0.011732	mg/L	0.000197	1.7	9.99154	0.011732 mg/L	Y 371.029
Sb 259.804	0.021849	mg/L	0.006718	30.7	9.19839	0.021849 mg/L	Y 371.029
Se 196.026	0.021624	mg/L	0.007828	36.2	6.54595	0.021624 mg/L	Y 371.029
Se 203.985	0.008068	mg/L	0.003194	39.6	2.04310	0.008068 mg/L	Y 371.029
Si 250.690	0.288828	mg/L	0.006339	2.2	345.365	0.288828 mg/L	Y 371.029
Si 251.611	0.290918	mg/L	0.001635	0.6	376.301	0.290918 mg/L	Y 371.029
Si 288.158	0.277642	mg/L	0.000572	0.2	2434.96	0.277642 mg/L	Y 371.029
Sn 189.927	0.008453	mg/L	0.000566	6.7	3.80642	0.008453 mg/L	Y 371.029
Sn 283.998	0.004812	mg/L	0.000142	3.0	10.3333	0.004812 mg/L	Y 371.029
Sr 216.596	0.001509	mg/L	0.000240	15.9	19.1141	0.001509 mg/L	Y 371.029
Sr 407.771	0.001317	mg/L	0.000022	1.7	8756.72	0.001317 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.001338	mg/L	0.000011	0.8	5729.91	0.001338 mg/L	Y 371.029
Ti 334.941	0.030743	mg/L	0.000577	1.9	6235.98	0.030743 mg/L	Y 371.029
Ti 336.122	0.031146	mg/L	0.000362	1.2	2674.11	0.031146 mg/L	Y 371.029
Ti 337.280	0.030442	mg/L	0.000489	1.6	871.571	0.030442 mg/L	Y 371.029
Tl 190.794	-0.003721uv	mg/L	0.000845	22.7	1.14950	-0.003721 mg/L	Y 371.029
Tl 190.807	0.022328	mg/L	0.002410	10.8	4.01752	0.022328 mg/L	Y 371.029
Tl 351.923	-0.000696uv	mg/L	0.003095	444.9	7.34263	-0.000696 mg/L	Y 371.029
V 268.796	0.001633	mg/L	0.000559	34.3	31.6469	0.001633 mg/L	Y 371.029
V 292.401	0.000336	mg/L	0.000107	31.8	22.7503	0.000336 mg/L	Y 371.029
V 311.837	0.000766	mg/L	0.000008	1.0	7.10432	0.000766 mg/L	Y 371.029
Zn 202.548	0.010552	mg/L	0.000617	5.8	370.781	0.010552 mg/L	Y 371.029
Zn 206.200	0.011467	mg/L	0.000470	4.1	124.246	0.011467 mg/L	Y 371.029
Zn 213.857	0.005131	mg/L	0.000474	9.2	867.954	0.005131 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.623422	7472.94	19.876	0.3
Y 371.029	1.03610	168883	549.433	0.3

1113024-PS2 (Samp) **3/22/2011, 6:16:46 PM** **Rack 3, Tube 14**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.521673	mg/L	0.000810	0.2	22935.5	0.521673 mg/L	Y 371.029
Ag 338.289	0.500277	mg/L	0.001378	0.3	1342.24	0.500277 mg/L	Y 371.029
Al 237.312	5.40064	mg/L	0.003916	0.1	6014.09	5.40064 mg/L	Y 371.029
Al 257.509	5.36602	mg/L	0.004516	0.1	2685.25	5.36602 mg/L	Y 371.029
Al 308.215	5.58151	mg/L	0.016916	0.3	29089.1	5.58151 mg/L	Y 371.029
As 188.980	1.08071	mg/L	0.005543	0.5	250.519	1.08071 mg/L	Y 371.029
As 193.696	1.06760	mg/L	0.004735	0.4	306.067	1.06760 mg/L	Y 371.029
As 228.812	1.95817	mg/L	0.042721	2.2	3210.50	1.95817 mg/L	Y 371.029
B 182.577	1.29953	mg/L	0.009576	0.7	453.272	1.29953 mg/L	Y 371.029
B 249.678	1.30108	mg/L	0.008226	0.6	10146.7	1.30108 mg/L	Y 371.029
B 249.772	1.29187	mg/L	0.008104	0.6	18646.7	1.29187 mg/L	Y 371.029
Ba 233.527	1.04179	mg/L	0.004434	0.4	31897.6	1.04179 mg/L	Y 371.029
Ba 455.403	0.982653	mg/L	0.000594	0.1	889523	0.982653 mg/L	Y 371.029
Ba 493.408	0.976232	mg/L	0.000690	0.1	577106	0.976232 mg/L	Y 371.029
Be 234.861	1.02329	mg/L	0.004579	0.4	92920.1	1.02329 mg/L	Y 371.029
Be 313.042	1.06872	mg/L	0.000400	0.0	1420788	1.06872 mg/L	Y 371.029
Be 313.107	1.06933	mg/L	0.001213	0.1	710605	1.06933 mg/L	Y 371.029
Ca 393.366	7.55261	mg/L	0.011951	0.2	9692795	7.55261 mg/L	Y 371.029
Ca 396.847	8.37868	mg/L	0.009462	0.1	17751690	8.37868 mg/L	Y 371.029
Ca 430.253	9.53576	mg/L	0.016382	0.2	33237.5	9.53576 mg/L	Y 371.029
Cd 214.439	1.05280	mg/L	0.002171	0.2	11439.0	1.05280 mg/L	Y 371.029
Cd 226.502	1.05863	mg/L	0.003159	0.3	25658.4	1.05863 mg/L	Y 371.029
Cd 228.802	1.00737	mg/L	0.010577	1.1	10904.6	1.00737 mg/L	Y 371.029
Co 228.615	1.04327	mg/L	0.000224	0.0	6512.31	1.04327 mg/L	Y 371.029
Co 230.786	1.03677	mg/L	0.002994	0.3	4598.15	1.03677 mg/L	Y 371.029
Co 238.892	1.00699	mg/L	0.006075	0.6	4322.72	1.00699 mg/L	Y 371.029
Cr 205.560	1.04261	mg/L	0.005648	0.5	3097.81	1.04261 mg/L	Y 371.029
Cr 206.158	1.05312	mg/L	0.004925	0.5	1299.62	1.05312 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	1.04371	mg/L	0.002106	0.2	17335.1	1.04371 mg/L	Y 371.029
Cu 213.598	1.06814	mg/L	0.004586	0.4	2493.78	1.06814 mg/L	Y 371.029
Cu 324.754	0.985355	mg/L	0.005806	0.6	29485.4	0.985355 mg/L	Y 371.029
Cu 327.395	1.00133	mg/L	0.004438	0.4	39841.6	1.00133 mg/L	Y 371.029
Fe 234.350	5.21793	mg/L	0.019105	0.4	35264.7	5.21793 mg/L	Y 371.029
Fe 238.204	5.20946	mg/L	0.035570	0.7	72239.6	5.20946 mg/L	Y 371.029
Fe 259.940	5.26898	mg/L	0.030021	0.6	65037.8	5.26898 mg/L	Y 371.029
Ga 287.423	0.989619	mg/L	0.003831	0.4	1895.62	0.989619 mg/L	Y 371.029
Ga 294.363	0.972127	mg/L	0.001370	0.1	4974.63	0.972127 mg/L	Y 371.029
Ga 417.204	0.965191	mg/L	0.002486	0.3	7629.60	0.965191 mg/L	Y 371.029
K 766.491	9.74752	mg/L	0.020811	0.2	555146	9.74752 mg/L	Y 371.029
K 769.897	10.2259	mg/L	0.136899	1.3	470397	10.2259 mg/L	Y 371.029
Li 610.365	1.05979n	mg/L	0.002351	0.2	35470.1	1.05979 mg/L	Y 371.029
Li 670.783	1.03676	mg/L	0.002165	0.2	2532383	1.03676 mg/L	Y 371.029
Mg 279.078	10.2296	mg/L	0.030253	0.3	11311.6	10.2296 mg/L	Y 371.029
Mg 280.270	10.0507	mg/L	0.006009	0.1	780705	10.0507 mg/L	Y 371.029
Mg 285.213	10.5092	mg/L	0.121002	1.2	294653	10.5092 mg/L	Y 371.029
Mn 257.610	1.01081n	mg/L	0.001735	0.2	116804	1.01081 mg/L	Y 371.029
Mn 259.372	1.02053	mg/L	0.001330	0.1	89906.3	1.02053 mg/L	Y 371.029
Mn 260.568	1.03452	mg/L	0.004205	0.4	15652.7	1.03452 mg/L	Y 371.029
Mo 202.032	1.04549	mg/L	0.015762	1.5	2975.32	1.04549 mg/L	Y 371.029
Mo 203.846	1.04629	mg/L	0.011409	1.1	1273.82	1.04629 mg/L	Y 371.029
Mo 204.598	1.03147	mg/L	0.013232	1.3	1469.95	1.03147 mg/L	Y 371.029
Na 568.821	9.74501	mg/L	0.052321	0.5	2206.89	9.74501 mg/L	Y 371.029
Na 588.995	10.8842	mg/L	0.016227	0.1	4548860	10.8842 mg/L	Y 371.029
Na 589.592	11.5373	mg/L	0.019013	0.2	2494631	11.5373 mg/L	Y 371.029
Ni 216.555	1.04329	mg/L	0.004012	0.4	3465.12	1.04329 mg/L	Y 371.029
Ni 221.648	1.04713	mg/L	0.003820	0.4	1395.93	1.04713 mg/L	Y 371.029
Ni 231.604	1.05683	mg/L	0.007836	0.7	2460.66	1.05683 mg/L	Y 371.029
P 177.434	1.14494	mg/L	0.011297	1.0	123.779	1.14494 mg/L	Y 371.029
P 213.618	1.12939	mg/L	0.003978	0.4	482.482	1.12939 mg/L	Y 371.029
P 214.914	1.12204	mg/L	0.008737	0.8	130.955	1.12204 mg/L	Y 371.029
Pb 220.353	1.05901	mg/L	0.010009	0.9	763.098	1.05901 mg/L	Y 371.029
Pb 261.417	0.770978	mg/L	0.005409	0.7	320.176	0.770978 mg/L	Y 371.029
Pb 405.781	1.00600	mg/L	0.007579	0.8	1159.28	1.00600 mg/L	Y 371.029
Sb 206.834	0.767134	mg/L	0.013494	1.8	359.864	0.767134 mg/L	Y 371.029
Sb 231.146	0.796635	mg/L	0.010419	1.3	307.510	0.796635 mg/L	Y 371.029
Sb 259.804	0.547707	mg/L	0.027955	5.1	179.600	0.547707 mg/L	Y 371.029
Se 196.026	1.17289	mg/L	0.031735	2.7	229.592	1.17289 mg/L	Y 371.029
Se 203.985	1.13919	mg/L	0.021505	1.9	137.242	1.13919 mg/L	Y 371.029
Si 250.690	1.31493	mg/L	0.005370	0.4	1431.10	1.31493 mg/L	Y 371.029
Si 251.611	1.32049	mg/L	0.006098	0.5	1561.31	1.32049 mg/L	Y 371.029
Si 288.158	1.30125	mg/L	0.008675	0.7	8471.66	1.30125 mg/L	Y 371.029
Sn 189.927	1.04915	mg/L	0.001474	0.1	220.844	1.04915 mg/L	Y 371.029
Sn 283.998	1.11851	mg/L	0.004507	0.4	1845.96	1.11851 mg/L	Y 371.029
Sr 216.596	1.10607	mg/L	0.004231	0.4	5719.38	1.10607 mg/L	Y 371.029
Sr 407.771	1.01658	mg/L	0.008383	0.8	2566005	1.01658 mg/L	Y 371.029
Sr 421.552	1.01797	mg/L	0.002661	0.3	1708197	1.01797 mg/L	Y 371.029
Ti 334.941	1.03882	mg/L	0.002990	0.3	208933	1.03882 mg/L	Y 371.029
Ti 336.122	1.04141	mg/L	0.002363	0.2	88562.6	1.04141 mg/L	Y 371.029
Ti 337.280	1.05264	mg/L	0.002047	0.2	30266.5	1.05264 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	1.02027	mg/L	0.009627	0.9	265.153	1.02027 mg/L	Y 371.029
Tl 190.807	1.04785	mg/L	0.012928	1.2	137.486	1.04785 mg/L	Y 371.029
Tl 351.923	1.00839	mg/L	0.001749	0.2	1524.93	1.00839 mg/L	Y 371.029
V 268.796	0.944463	mg/L	0.002096	0.2	7963.16	0.944463 mg/L	Y 371.029
V 292.401	1.03590	mg/L	0.001525	0.1	25430.8	1.03590 mg/L	Y 371.029
V 311.837	1.03186	mg/L	0.003166	0.3	35932.4	1.03186 mg/L	Y 371.029
Zn 202.548	1.10987	mg/L	0.006310	0.6	5502.93	1.10987 mg/L	Y 371.029
Zn 206.200	1.10317	mg/L	0.006578	0.6	1823.84	1.10317 mg/L	Y 371.029
Zn 213.857	1.02163	mg/L	0.009417	0.9	12797.9	1.02163 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.625449	7497.23	36.289	0.5
Y 371.029	1.04068	169629	956.282	0.6

11C0940-02 (Samp) **3/22/2011, 6:21:00 PM** **Rack 3, Tube 15**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000628	mg/L	0.000192	30.6	176.481	0.003142 mg/L	Y 371.029
Ag 338.289	0.000592	mg/L	0.000287	48.4	-0.601268	0.002961 mg/L	Y 371.029
Al 237.312	0.476789	mg/L	0.001041	0.2	565.435	2.38394 mg/L	Y 371.029
Al 257.509	0.477584	mg/L	0.001137	0.2	254.114	2.38792 mg/L	Y 371.029
Al 308.215	0.487412	mg/L	0.002689	0.6	3587.60	2.43706 mg/L	Y 371.029
As 188.980	0.012434	mg/L	0.000459	3.7	6.25678	0.062172 mg/L	Y 371.029
As 193.696	0.005974	mg/L	0.005974	100.0	4.34977	0.029869 mg/L	Y 371.029
As 228.812	0.012981	mg/L	0.001659	12.8	24.4760	0.064905 mg/L	Y 371.029
B 182.577	0.341116	mg/L	0.002069	0.6	121.027	1.70558 mg/L	Y 371.029
B 249.678	0.351755	mg/L	0.001853	0.5	2753.36	1.75877 mg/L	Y 371.029
B 249.772	0.344688	mg/L	0.001377	0.4	4978.15	1.72344 mg/L	Y 371.029
Ba 233.527	0.001347	mg/L	0.000089	6.6	186.142	0.006737 mg/L	Y 371.029
Ba 455.403	0.001053	mg/L	0.000008	0.8	5278.64	0.005264 mg/L	Y 371.029
Ba 493.408	0.001045	mg/L	0.000015	1.4	3469.19	0.005224 mg/L	Y 371.029
Be 234.861	0.000034	mg/L	0.000010	28.0	1.12517	0.000171 mg/L	Y 371.029
Be 313.042	-0.000058uv	mg/L	0.000000	0.8	338.837	-0.000289 mg/L	Y 371.029
Be 313.107	0.000007	mg/L	0.000002	28.9	5.25709	0.000033 mg/L	Y 371.029
Ca 393.366	0.012106	mg/L	0.000008	0.1	30465.0	0.060528 mg/L	Y 371.029
Ca 396.847	0.012645	mg/L	0.000022	0.2	51797.8	0.063225 mg/L	Y 371.029
Ca 430.253	0.008395	mg/L	0.005546	66.1	519.232	0.041974 mg/L	Y 371.029
Cd 214.439	0.005744	mg/L	0.000136	2.4	63.6363	0.028721 mg/L	Y 371.029
Cd 226.502	0.005623	mg/L	0.000009	0.2	150.645	0.028115 mg/L	Y 371.029
Cd 228.802	0.005583	mg/L	0.000230	4.1	70.9554	0.027913 mg/L	Y 371.029
Co 228.615	0.002080	mg/L	0.000355	17.1	10.0519	0.010402 mg/L	Y 371.029
Co 230.786	0.000662	mg/L	0.000667	100.9	8.02119	0.003309 mg/L	Y 371.029
Co 238.892	0.001295	mg/L	0.000149	11.5	6.94601	0.006476 mg/L	Y 371.029
Cr 205.560	0.000190	mg/L	0.000196	103.1	3.07475	0.000950 mg/L	Y 371.029
Cr 206.158	0.000365uv	mg/L	0.000493	135.2	1.04986	0.001825 mg/L	Y 371.029
Cr 267.716	0.000515	mg/L	0.000153	29.8	25.3236	0.002573 mg/L	Y 371.029
Cu 213.598	0.001067	mg/L	0.000786	73.7	2.64603	0.005334 mg/L	Y 371.029
Cu 324.754	-0.000116uv	mg/L	0.000313	269.5	413.588	-0.000580 mg/L	Y 371.029
Cu 327.395	0.001285	mg/L	0.000069	5.4	61.2210	0.006426 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.033649	mg/L	0.000792	2.4	248.253	0.168243 mg/L	Y 371.029
Fe 238.204	0.034139	mg/L	0.000776	2.3	502.173	0.170695 mg/L	Y 371.029
Fe 259.940	0.033355	mg/L	0.001145	3.4	448.493	0.166777 mg/L	Y 371.029
Ga 287.423	0.003716	mg/L	0.000729	19.6	13.3617	0.018580 mg/L	Y 371.029
Ga 294.363	0.001630	mg/L	0.000941	57.7	14.7372	0.008149 mg/L	Y 371.029
Ga 417.204	0.000868	mg/L	0.000490	56.5	55.7564	0.004339 mg/L	Y 371.029
K 766.491	0.267600	mg/L	0.000952	0.4	16735.1	1.33800 mg/L	Y 371.029
K 769.897	0.268368	mg/L	0.001374	0.5	17790.0	1.34184 mg/L	Y 371.029
Li 610.365	0.001187n	mg/L	0.000020	1.7	36.6628	0.005935 mg/L	Y 371.029
Li 670.783	0.001039	mg/L	0.000016	1.6	41619.6	0.005196 mg/L	Y 371.029
Mg 279.078	0.033992	mg/L	0.004166	12.3	48.2866	0.169959 mg/L	Y 371.029
Mg 280.270	0.037054	mg/L	0.000145	0.4	3105.84	0.185272 mg/L	Y 371.029
Mg 285.213	0.034718	mg/L	0.000033	0.1	1052.00	0.173588 mg/L	Y 371.029
Mn 257.610	-0.000444n	mg/L	0.000006	1.4	26.2473	-0.002218 mg/L	Y 371.029
Mn 259.372	0.000201	mg/L	0.000031	15.3	48.0584	0.001007 mg/L	Y 371.029
Mn 260.568	0.000128	mg/L	0.000094	73.5	6.65881	0.000641 mg/L	Y 371.029
Mo 202.032	0.022863	mg/L	0.003745	16.4	72.5068	0.114314 mg/L	Y 371.029
Mo 203.846	0.023722	mg/L	0.005964	25.1	33.0732	0.118612 mg/L	Y 371.029
Mo 204.598	0.022119	mg/L	0.004560	20.6	34.0435	0.110593 mg/L	Y 371.029
Na 568.821	1.35961	mg/L	0.030641	2.3	215.140	6.79803 mg/L	Y 371.029
Na 588.995	0.591044	mg/L	0.002653	0.4	448510	2.95522 mg/L	Y 371.029
Na 589.592	0.326345	mg/L	0.000680	0.2	216569	1.63173 mg/L	Y 371.029
Ni 216.555	0.001145	mg/L	0.000550	48.1	3.56400	0.005726 mg/L	Y 371.029
Ni 221.648	0.001324	mg/L	0.000772	58.3	3.13547	0.006622 mg/L	Y 371.029
Ni 231.604	0.000069uv	mg/L	0.000295	428.7	1.98605	0.000344 mg/L	Y 371.029
P 177.434	0.078690	mg/L	0.002726	3.5	10.1827	0.393450 mg/L	Y 371.029
P 213.618	0.066644	mg/L	0.001871	2.8	31.6970	0.333218 mg/L	Y 371.029
P 214.914	0.078893	mg/L	0.010203	12.9	10.9526	0.394464 mg/L	Y 371.029
Pb 220.353	0.037683	mg/L	0.003495	9.3	27.7253	0.188415 mg/L	Y 371.029
Pb 261.417	0.033159	mg/L	0.008813	26.6	16.0925	0.165795 mg/L	Y 371.029
Pb 405.781	0.019913	mg/L	0.005395	27.1	69.5013	0.099566 mg/L	Y 371.029
Sb 206.834	0.051730	mg/L	0.003663	7.1	28.6869	0.258652 mg/L	Y 371.029
Sb 231.146	0.045893	mg/L	0.004694	10.2	22.7543	0.229463 mg/L	Y 371.029
Sb 259.804	0.049760	mg/L	0.005656	11.4	18.0373	0.248802 mg/L	Y 371.029
Se 196.026	0.023652	mg/L	0.007348	31.1	6.93822	0.118262 mg/L	Y 371.029
Se 203.985	0.015110	mg/L	0.007832	51.8	2.84209	0.075551 mg/L	Y 371.029
Si 250.690	0.301698	mg/L	0.008068	2.7	358.768	1.50849 mg/L	Y 371.029
Si 251.611	0.307723	mg/L	0.002569	0.8	395.393	1.53862 mg/L	Y 371.029
Si 288.158	0.296733	mg/L	0.001568	0.5	2547.20	1.48367 mg/L	Y 371.029
Sn 189.927	0.007714	mg/L	0.006066	78.6	3.65248	0.038569 mg/L	Y 371.029
Sn 283.998	0.003962	mg/L	0.000459	11.6	9.01220	0.019808 mg/L	Y 371.029
Sr 216.596	0.001711	mg/L	0.000260	15.2	20.1097	0.008555 mg/L	Y 371.029
Sr 407.771	0.001521	mg/L	0.000026	1.7	9251.54	0.007606 mg/L	Y 371.029
Sr 421.552	0.001540	mg/L	0.000044	2.9	6055.70	0.007702 mg/L	Y 371.029
Ti 334.941	0.029995	mg/L	0.000693	2.3	6085.68	0.149976 mg/L	Y 371.029
Ti 336.122	0.030700	mg/L	0.000638	2.1	2636.17	0.153499 mg/L	Y 371.029
Ti 337.280	0.030171	mg/L	0.000681	2.3	863.784	0.150857 mg/L	Y 371.029
Tl 190.794	-0.007133uv	mg/L	0.001855	26.0	0.271784	-0.035667 mg/L	Y 371.029
Tl 190.807	0.019262	mg/L	0.006141	31.9	3.63045	0.096309 mg/L	Y 371.029
Tl 351.923	-0.000941uv	mg/L	0.003052	324.4	6.97267	-0.004705 mg/L	Y 371.029
V 268.796	0.001960	mg/L	0.000365	18.6	42.1438	0.009799 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.000286	mg/L	0.000144	50.3	21.4810	0.001430 mg/L	Y 371.029
V 311.837	0.000708	mg/L	0.000088	12.5	5.07654	0.003542 mg/L	Y 371.029
Zn 202.548	0.008952	mg/L	0.000274	3.1	363.350	0.044758 mg/L	Y 371.029
Zn 206.200	0.010314	mg/L	0.000522	5.1	122.464	0.051569 mg/L	Y 371.029
Zn 213.857	0.004087	mg/L	0.000621	15.2	855.831	0.020436 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.631264	7566.94	33.873	0.4
Y 371.029	1.05354	171726	755.671	0.4

11C0940-03 (Samp) **3/22/2011, 6:24:36 PM** **Rack 3, Tube 16**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000776	mg/L	0.000218	28.1	182.865	0.003878 mg/L	Y 371.029
Ag 338.289	0.000537	mg/L	0.000133	24.8	-0.745837	0.002686 mg/L	Y 371.029
Al 237.312	0.472262	mg/L	0.005622	1.2	560.418	2.36131 mg/L	Y 371.029
Al 257.509	0.464352	mg/L	0.014775	3.2	247.532	2.32176 mg/L	Y 371.029
Al 308.215	0.469213	mg/L	0.000544	0.1	3495.80	2.34606 mg/L	Y 371.029
As 188.980	0.010999	mg/L	0.001919	17.4	5.92788	0.054995 mg/L	Y 371.029
As 193.696	0.000460uv	mg/L	0.003794	824.5	2.78238	0.002301 mg/L	Y 371.029
As 228.812	0.011714	mg/L	0.000574	4.9	23.8924	0.058568 mg/L	Y 371.029
B 182.577	0.330754	mg/L	0.001288	0.4	117.438	1.65377 mg/L	Y 371.029
B 249.678	0.337914	mg/L	0.000580	0.2	2645.70	1.68957 mg/L	Y 371.029
B 249.772	0.331083	mg/L	0.000391	0.1	4782.89	1.65542 mg/L	Y 371.029
Ba 233.527	0.001376	mg/L	0.000083	6.0	187.004	0.006879 mg/L	Y 371.029
Ba 455.403	0.000969	mg/L	0.000008	0.8	5203.46	0.004846 mg/L	Y 371.029
Ba 493.408	0.000952	mg/L	0.000013	1.4	3414.61	0.004760 mg/L	Y 371.029
Be 234.861	0.000043	mg/L	0.000015	34.9	1.90140	0.000214 mg/L	Y 371.029
Be 313.042	-0.000036uv	mg/L	0.000006	16.3	368.628	-0.000179 mg/L	Y 371.029
Be 313.107	0.000005	mg/L	0.000002	46.1	4.10661	0.000024 mg/L	Y 371.029
Ca 393.366	0.010998	mg/L	0.000130	1.2	29024.7	0.054988 mg/L	Y 371.029
Ca 396.847	0.011362	mg/L	0.000079	0.7	49080.0	0.056812 mg/L	Y 371.029
Ca 430.253	0.005029	mg/L	0.004667	92.8	507.744	0.025144 mg/L	Y 371.029
Cd 214.439	0.006589	mg/L	0.000198	3.0	72.8113	0.032944 mg/L	Y 371.029
Cd 226.502	0.006448	mg/L	0.000072	1.1	170.624	0.032240 mg/L	Y 371.029
Cd 228.802	0.006383	mg/L	0.000018	0.3	79.6094	0.031917 mg/L	Y 371.029
Co 228.615	0.002475	mg/L	0.000309	12.5	12.4971	0.012377 mg/L	Y 371.029
Co 230.786	0.000823	mg/L	0.000207	25.2	8.72094	0.004116 mg/L	Y 371.029
Co 238.892	0.001308	mg/L	0.000330	25.2	7.00402	0.006540 mg/L	Y 371.029
Cr 205.560	0.000052uv	mg/L	0.000381	737.1	2.65745	0.000258 mg/L	Y 371.029
Cr 206.158	0.000767	mg/L	0.000526	68.5	1.54423	0.003836 mg/L	Y 371.029
Cr 267.716	0.000305	mg/L	0.000210	68.8	21.8269	0.001524 mg/L	Y 371.029
Cu 213.598	0.001597	mg/L	0.000669	41.9	3.82325	0.007984 mg/L	Y 371.029
Cu 324.754	-0.000139uv	mg/L	0.000383	275.6	412.886	-0.000695 mg/L	Y 371.029
Cu 327.395	0.001305	mg/L	0.000144	11.0	62.0250	0.006527 mg/L	Y 371.029
Fe 234.350	0.029861	mg/L	0.001130	3.8	222.674	0.149307 mg/L	Y 371.029
Fe 238.204	0.030115	mg/L	0.001230	4.1	446.366	0.150574 mg/L	Y 371.029
Fe 259.940	0.029986	mg/L	0.000717	2.4	406.854	0.149929 mg/L	Y 371.029
Ga 287.423	0.003733	mg/L	0.001350	36.2	13.3748	0.018664 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.001325	mg/L	0.000287	21.7	13.1739	0.006624 mg/L	Y 371.029
Ga 417.204	0.000500	mg/L	0.000875	175.1	52.3638	0.002499 mg/L	Y 371.029
K 766.491	0.260662	mg/L	0.001249	0.5	16341.0	1.30331 mg/L	Y 371.029
K 769.897	0.260926	mg/L	0.000922	0.4	17451.4	1.30463 mg/L	Y 371.029
Li 610.365	0.001043n	mg/L	0.000071	6.9	31.8600	0.005217 mg/L	Y 371.029
Li 670.783	0.001008	mg/L	0.000020	2.0	41544.2	0.005040 mg/L	Y 371.029
Mg 279.078	0.034858	mg/L	0.002622	7.5	49.2444	0.174290 mg/L	Y 371.029
Mg 280.270	0.036343	mg/L	0.000114	0.3	3050.60	0.181716 mg/L	Y 371.029
Mg 285.213	0.034086	mg/L	0.000112	0.3	1034.29	0.170429 mg/L	Y 371.029
Mn 257.610	-0.000417n	mg/L	0.000020	4.7	28.2462	-0.002087 mg/L	Y 371.029
Mn 259.372	0.000151	mg/L	0.000033	21.7	39.2293	0.000756 mg/L	Y 371.029
Mn 260.568	0.000073	mg/L	0.000031	41.7	5.81373	0.000366 mg/L	Y 371.029
Mo 202.032	0.008723	mg/L	0.001933	22.2	32.5573	0.043617 mg/L	Y 371.029
Mo 203.846	0.008862	mg/L	0.002446	27.6	15.1318	0.044311 mg/L	Y 371.029
Mo 204.598	0.008280	mg/L	0.001760	21.3	14.4553	0.041398 mg/L	Y 371.029
Na 568.821	1.35730	mg/L	0.048519	3.6	214.615	6.78649 mg/L	Y 371.029
Na 588.995	0.563702	mg/L	0.001381	0.2	437624	2.81851 mg/L	Y 371.029
Na 589.592	0.293475	mg/L	0.002473	0.8	209893	1.46737 mg/L	Y 371.029
Ni 216.555	0.000755	mg/L	0.000385	51.0	2.26870	0.003777 mg/L	Y 371.029
Ni 221.648	0.001022	mg/L	0.000465	45.5	2.73145	0.005109 mg/L	Y 371.029
Ni 231.604	0.000488	mg/L	0.000520	106.6	2.95363	0.002439 mg/L	Y 371.029
P 177.434	0.085727	mg/L	0.001454	1.7	10.9326	0.428637 mg/L	Y 371.029
P 213.618	0.064590	mg/L	0.001162	1.8	30.8294	0.322952 mg/L	Y 371.029
P 214.914	0.086255	mg/L	0.006583	7.6	11.7783	0.431276 mg/L	Y 371.029
Pb 220.353	0.041571	mg/L	0.001216	2.9	30.5245	0.207853 mg/L	Y 371.029
Pb 261.417	0.035108	mg/L	0.005822	16.6	16.8967	0.175540 mg/L	Y 371.029
Pb 405.781	0.033339	mg/L	0.007032	21.1	84.2821	0.166697 mg/L	Y 371.029
Sb 206.834	0.024727	mg/L	0.002751	11.1	16.4613	0.123635 mg/L	Y 371.029
Sb 231.146	0.017445	mg/L	0.004576	26.2	12.1152	0.087224 mg/L	Y 371.029
Sb 259.804	0.023674	mg/L	0.002551	10.8	9.76838	0.118370 mg/L	Y 371.029
Se 196.026	0.017875	mg/L	0.002258	12.6	5.82003	0.089377 mg/L	Y 371.029
Se 203.985	0.006621	mg/L	0.001508	22.8	1.87632	0.033105 mg/L	Y 371.029
Si 250.690	0.279280	mg/L	0.002233	0.8	335.400	1.39640 mg/L	Y 371.029
Si 251.611	0.283168	mg/L	0.000982	0.3	367.558	1.41584 mg/L	Y 371.029
Si 288.158	0.273934	mg/L	0.001298	0.5	2413.09	1.36967 mg/L	Y 371.029
Sn 189.927	0.004969	mg/L	0.002943	59.2	3.08068	0.024847 mg/L	Y 371.029
Sn 283.998	0.001979uv	mg/L	0.001259	63.6	6.74310	0.009893 mg/L	Y 371.029
Sr 216.596	0.001528	mg/L	0.000063	4.1	19.1695	0.007640 mg/L	Y 371.029
Sr 407.771	0.001453	mg/L	0.000023	1.6	9080.71	0.007266 mg/L	Y 371.029
Sr 421.552	0.001469	mg/L	0.000029	2.0	5936.20	0.007344 mg/L	Y 371.029
Ti 334.941	0.028174	mg/L	0.000586	2.1	5719.79	0.140870 mg/L	Y 371.029
Ti 336.122	0.028975	mg/L	0.000291	1.0	2489.64	0.144876 mg/L	Y 371.029
Ti 337.280	0.028325	mg/L	0.000477	1.7	810.717	0.141626 mg/L	Y 371.029
Tl 190.794	-0.006055uv	mg/L	0.001565	25.8	0.549898	-0.030274 mg/L	Y 371.029
Tl 190.807	0.027289	mg/L	0.010527	38.6	4.66047	0.136445 mg/L	Y 371.029
Tl 351.923	0.000765uv	mg/L	0.002667	348.6	9.52559	0.003825 mg/L	Y 371.029
V 268.796	0.001524	mg/L	0.000224	14.7	29.8560	0.007622 mg/L	Y 371.029
V 292.401	0.000287	mg/L	0.000122	42.5	21.4557	0.001433 mg/L	Y 371.029
V 311.837	0.000705	mg/L	0.000114	16.2	4.95126	0.003527 mg/L	Y 371.029
Zn 202.548	0.008881	mg/L	0.000228	2.6	363.030	0.044406 mg/L	Y 371.029
Zn 206.200	0.010095	mg/L	0.000703	7.0	122.119	0.050476 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.004260	mg/L	0.000679	16.0	857.822	0.021299 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.627917	7526.82	5.069	0.1
Y 371.029	1.04928	171031	247.889	0.1

SEQ-CCV7 (Samp) **3/22/2011, 6:28:12 PM** **Rack 3, Tube 17**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098707	mg/L	0.000296	0.3	4465.43	0.098707 mg/L	Y 371.029
Ag 338.289	0.097363	mg/L	0.001901	2.0	257.051	0.097363 mg/L	Y 371.029
Al 237.312	2.43433	mg/L	0.005053	0.2	2732.99	2.43433 mg/L	Y 371.029
Al 257.509	2.42599	mg/L	0.010180	0.4	1223.42	2.42599 mg/L	Y 371.029
Al 308.215	2.49226	mg/L	0.010360	0.4	13675.3	2.49226 mg/L	Y 371.029
As 188.980	0.506072	mg/L	0.002936	0.6	119.162	0.506072 mg/L	Y 371.029
As 193.696	0.510579	mg/L	0.001169	0.2	147.757	0.510579 mg/L	Y 371.029
As 228.812	0.563818	mg/L	0.005691	1.0	890.132	0.563818 mg/L	Y 371.029
B 182.577	0.482235	mg/L	0.001689	0.4	170.030	0.482235 mg/L	Y 371.029
B 249.678	0.492336	mg/L	0.001045	0.2	3848.88	0.492336 mg/L	Y 371.029
B 249.772	0.482523	mg/L	0.002538	0.5	6963.86	0.482523 mg/L	Y 371.029
Ba 233.527	0.505530	mg/L	0.003619	0.7	15552.7	0.505530 mg/L	Y 371.029
Ba 455.403	0.476420	mg/L	0.000665	0.1	433492	0.476420 mg/L	Y 371.029
Ba 493.408	0.486245	mg/L	0.000317	0.1	288871	0.486245 mg/L	Y 371.029
Be 234.861	0.506106	mg/L	0.000908	0.2	45955.9	0.506106 mg/L	Y 371.029
Be 313.042	0.511929	mg/L	0.002311	0.5	680787	0.511929 mg/L	Y 371.029
Be 313.107	0.511826	mg/L	0.002512	0.5	340127	0.511826 mg/L	Y 371.029
Ca 393.366	3.97258	mg/L	0.010226	0.3	5105639	3.97258 mg/L	Y 371.029
Ca 396.847	4.22680	mg/L	0.007663	0.2	8967513	4.22680 mg/L	Y 371.029
Ca 430.253	4.85939	mg/L	0.016913	0.3	17171.4	4.85939 mg/L	Y 371.029
Cd 214.439	0.261494	mg/L	0.000593	0.2	2842.14	0.261494 mg/L	Y 371.029
Cd 226.502	0.261769	mg/L	0.000807	0.3	6355.34	0.261769 mg/L	Y 371.029
Cd 228.802	0.254077	mg/L	0.001879	0.7	2758.62	0.254077 mg/L	Y 371.029
Co 228.615	0.513229	mg/L	0.001051	0.2	3199.58	0.513229 mg/L	Y 371.029
Co 230.786	0.513916	mg/L	0.003687	0.7	2280.94	0.513916 mg/L	Y 371.029
Co 238.892	0.512680	mg/L	0.002651	0.5	2207.00	0.512680 mg/L	Y 371.029
Cr 205.560	0.507889	mg/L	0.003091	0.6	1509.52	0.507889 mg/L	Y 371.029
Cr 206.158	0.505748	mg/L	0.002988	0.6	624.054	0.505748 mg/L	Y 371.029
Cr 267.716	0.508633	mg/L	0.005359	1.1	8451.89	0.508633 mg/L	Y 371.029
Cu 213.598	0.526468	mg/L	0.003985	0.8	1229.72	0.526468 mg/L	Y 371.029
Cu 324.754	0.482454	mg/L	0.000249	0.1	14645.4	0.482454 mg/L	Y 371.029
Cu 327.395	0.478676	mg/L	0.000191	0.0	19040.5	0.478676 mg/L	Y 371.029
Fe 234.350	0.510694	mg/L	0.002470	0.5	3547.77	0.510694 mg/L	Y 371.029
Fe 238.204	0.507297	mg/L	0.004299	0.8	7166.72	0.507297 mg/L	Y 371.029
Fe 259.940	0.508430	mg/L	0.001339	0.3	6393.76	0.508430 mg/L	Y 371.029
Ga 287.423	0.489900	mg/L	0.001255	0.3	929.748	0.489900 mg/L	Y 371.029
Ga 294.363	0.492577	mg/L	0.001019	0.2	2523.53	0.492577 mg/L	Y 371.029
Ga 417.204	0.487354	mg/L	0.000966	0.2	3857.03	0.487354 mg/L	Y 371.029
K 766.491	4.90693	mg/L	0.009150	0.2	280228	4.90693 mg/L	Y 371.029
K 769.897	4.96252	mg/L	0.008652	0.2	231182	4.96252 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.07764n	mg/L	0.004805	0.4	36067.8	1.07764 mg/L	Y 371.029
Li 670.783	1.04313	mg/L	0.002002	0.2	2547025	1.04313 mg/L	Y 371.029
Mg 279.078	5.17616	mg/L	0.027137	0.5	5727.96	5.17616 mg/L	Y 371.029
Mg 280.270	5.17494	mg/L	0.014485	0.3	402079	5.17494 mg/L	Y 371.029
Mg 285.213	5.18692	mg/L	0.001530	0.0	145469	5.18692 mg/L	Y 371.029
Mn 257.610	0.499206n	mg/L	0.003856	0.8	57614.6	0.499206 mg/L	Y 371.029
Mn 259.372	0.502844	mg/L	0.003504	0.7	44290.1	0.502844 mg/L	Y 371.029
Mn 260.568	0.510030	mg/L	0.002422	0.5	7715.75	0.510030 mg/L	Y 371.029
Mo 202.032	1.06388	mg/L	0.011872	1.1	3019.97	1.06388 mg/L	Y 371.029
Mo 203.846	1.05856	mg/L	0.014556	1.4	1285.20	1.05856 mg/L	Y 371.029
Mo 204.598	1.04500	mg/L	0.010634	1.0	1485.10	1.04500 mg/L	Y 371.029
Na 568.821	4.85753	mg/L	0.049700	1.0	1045.13	4.85753 mg/L	Y 371.029
Na 588.995	5.47113	mg/L	0.004967	0.1	2392632	5.47113 mg/L	Y 371.029
Na 589.592	5.04699	mg/L	0.003177	0.1	1175893	5.04699 mg/L	Y 371.029
Ni 216.555	1.02611	mg/L	0.003745	0.4	3399.93	1.02611 mg/L	Y 371.029
Ni 221.648	1.03031	mg/L	0.001221	0.1	1370.47	1.03031 mg/L	Y 371.029
Ni 231.604	1.03659	mg/L	0.005683	0.5	2408.18	1.03659 mg/L	Y 371.029
P 177.434	0.517160	mg/L	0.002800	0.5	56.8827	0.517160 mg/L	Y 371.029
P 213.618	0.499827	mg/L	0.006944	1.4	215.791	0.499827 mg/L	Y 371.029
P 214.914	0.499582	mg/L	0.023725	4.7	59.7465	0.499582 mg/L	Y 371.029
Pb 220.353	1.01899	mg/L	0.006646	0.7	734.282	1.01899 mg/L	Y 371.029
Pb 261.417	0.983643	mg/L	0.015297	1.6	408.284	0.983643 mg/L	Y 371.029
Pb 405.781	0.981225	mg/L	0.003670	0.4	1131.44	0.981225 mg/L	Y 371.029
Sb 206.834	0.942455	mg/L	0.006624	0.7	435.195	0.942455 mg/L	Y 371.029
Sb 231.146	0.924357	mg/L	0.014190	1.5	353.357	0.924357 mg/L	Y 371.029
Sb 259.804	0.877355	mg/L	0.024107	2.7	280.733	0.877355 mg/L	Y 371.029
Se 196.026	1.02552	mg/L	0.012820	1.3	200.972	1.02552 mg/L	Y 371.029
Se 203.985	1.01853	mg/L	0.013106	1.3	120.313	1.01853 mg/L	Y 371.029
Si 250.690	1.01010	mg/L	0.009406	0.9	1104.48	1.01010 mg/L	Y 371.029
Si 251.611	1.02179	mg/L	0.005537	0.5	1219.94	1.02179 mg/L	Y 371.029
Si 288.158	1.00697	mg/L	0.010208	1.0	6729.73	1.00697 mg/L	Y 371.029
Sn 189.927	1.05182	mg/L	0.001701	0.2	221.267	1.05182 mg/L	Y 371.029
Sn 283.998	1.02309	mg/L	0.002673	0.3	1484.73	1.02309 mg/L	Y 371.029
Sr 216.596	0.516254	mg/L	0.002330	0.5	2675.25	0.516254 mg/L	Y 371.029
Sr 407.771	0.473150	mg/L	0.003706	0.8	1197585	0.473150 mg/L	Y 371.029
Sr 421.552	0.476322	mg/L	0.001848	0.4	801374	0.476322 mg/L	Y 371.029
Ti 334.941	0.492988	mg/L	0.000471	0.1	99166.9	0.492988 mg/L	Y 371.029
Ti 336.122	0.500147	mg/L	0.001911	0.4	42542.4	0.500147 mg/L	Y 371.029
Ti 337.280	0.500152	mg/L	0.004140	0.8	14377.9	0.500152 mg/L	Y 371.029
Tl 190.794	0.504921	mg/L	0.002984	0.6	132.231	0.504921 mg/L	Y 371.029
Tl 190.807	0.504564	mg/L	0.011952	2.4	67.2185	0.504564 mg/L	Y 371.029
Tl 351.923	0.502006	mg/L	0.003460	0.7	763.479	0.502006 mg/L	Y 371.029
V 268.796	0.484824	mg/L	0.001977	0.4	4404.62	0.484824 mg/L	Y 371.029
V 292.401	0.498673	mg/L	0.003921	0.8	12242.8	0.498673 mg/L	Y 371.029
V 311.837	0.502933	mg/L	0.000442	0.1	17496.8	0.502933 mg/L	Y 371.029
Zn 202.548	0.545221	mg/L	0.002727	0.5	2866.28	0.545221 mg/L	Y 371.029
Zn 206.200	0.539793	mg/L	0.003293	0.6	946.792	0.539793 mg/L	Y 371.029
Zn 213.857	0.508199	mg/L	0.002952	0.6	6784.73	0.508199 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.616021	7384.22	49.637	0.7
Y 371.029	1.01870	166047	1594.822	1.0

SEQ-CCB7 (Samp) **3/22/2011, 6:32:07 PM** **Rack 3, Tube 18**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001315	mg/L	0.000114	8.6	206.099	0.001315 mg/L	Y 371.029
Ag 338.289	0.001651	mg/L	0.001425	86.3	2.25034	0.001651 mg/L	Y 371.029
Al 237.312	0.001815	mg/L	0.000947	52.2	40.2635	0.001815 mg/L	Y 371.029
Al 257.509	0.005563uv	mg/L	0.005336	95.9	19.5084	0.005563 mg/L	Y 371.029
Al 308.215	-0.010394uv	mg/L	0.000270	2.6	1107.34	-0.010394 mg/L	Y 371.029
As 188.980	0.008101	mg/L	0.001543	19.0	5.26593	0.008101 mg/L	Y 371.029
As 193.696	0.004887uv	mg/L	0.006331	129.5	4.03645	0.004887 mg/L	Y 371.029
As 228.812	0.006667	mg/L	0.001084	16.3	12.4946	0.006667 mg/L	Y 371.029
B 182.577	0.014724	mg/L	0.001868	12.7	7.99450	0.014724 mg/L	Y 371.029
B 249.678	0.015505	mg/L	0.002061	13.3	137.927	0.015505 mg/L	Y 371.029
B 249.772	0.014706	mg/L	0.002413	16.4	241.709	0.014706 mg/L	Y 371.029
Ba 233.527	0.000064uv	mg/L	0.000118	183.3	146.849	0.000064 mg/L	Y 371.029
Ba 455.403	-0.000249uv	mg/L	0.000015	6.1	4102.32	-0.000249 mg/L	Y 371.029
Ba 493.408	-0.000263uv	mg/L	0.000017	6.4	2697.15	-0.000263 mg/L	Y 371.029
Be 234.861	0.000014	mg/L	0.000005	34.5	-0.714866	0.000014 mg/L	Y 371.029
Be 313.042	-0.000029uv	mg/L	0.000008	28.9	377.891	-0.000029 mg/L	Y 371.029
Be 313.107	0.000044	mg/L	0.000010	21.9	30.5152	0.000044 mg/L	Y 371.029
Ca 393.366	-0.000114uv	mg/L	0.000076	67.0	14682.5	-0.000114 mg/L	Y 371.029
Ca 396.847	0.000004uv	mg/L	0.000078	2149.5	24969.1	0.000004 mg/L	Y 371.029
Ca 430.253	0.025194	mg/L	0.004559	18.1	575.103	0.025194 mg/L	Y 371.029
Cd 214.439	0.000619	mg/L	0.000093	15.0	7.96240	0.000619 mg/L	Y 371.029
Cd 226.502	0.000454	mg/L	0.000092	20.3	25.4064	0.000454 mg/L	Y 371.029
Cd 228.802	0.000714	mg/L	0.000114	15.9	18.3041	0.000714 mg/L	Y 371.029
Co 228.615	0.000919	mg/L	0.000154	16.7	2.48604	0.000919 mg/L	Y 371.029
Co 230.786	-0.000174uv	mg/L	0.000181	104.2	4.29259	-0.000174 mg/L	Y 371.029
Co 238.892	0.000152uv	mg/L	0.000174	114.7	2.07715	0.000152 mg/L	Y 371.029
Cr 205.560	0.000427	mg/L	0.000246	57.5	3.40922	0.000427 mg/L	Y 371.029
Cr 206.158	0.000670	mg/L	0.000326	48.7	1.27147	0.000670 mg/L	Y 371.029
Cr 267.716	0.000277	mg/L	0.000133	48.1	19.3343	0.000277 mg/L	Y 371.029
Cu 213.598	0.000404	mg/L	0.000272	67.3	1.03170	0.000404 mg/L	Y 371.029
Cu 324.754	-0.001306uv	mg/L	0.000238	18.3	378.817	-0.001306 mg/L	Y 371.029
Cu 327.395	0.000214uv	mg/L	0.000312	146.0	18.0436	0.000214 mg/L	Y 371.029
Fe 234.350	0.002021	mg/L	0.000821	40.6	26.6653	0.002021 mg/L	Y 371.029
Fe 238.204	0.002385	mg/L	0.000708	29.7	44.8603	0.002385 mg/L	Y 371.029
Fe 259.940	0.002117	mg/L	0.000476	22.5	47.7073	0.002117 mg/L	Y 371.029
Ga 287.423	0.001397uv	mg/L	0.002474	177.1	8.70185	0.001397 mg/L	Y 371.029
Ga 294.363	0.001379	mg/L	0.000647	47.0	13.3390	0.001379 mg/L	Y 371.029
Ga 417.204	0.001139	mg/L	0.000522	45.8	47.2292	0.001139 mg/L	Y 371.029
K 766.491	-0.000490uv	mg/L	0.000291	59.3	1511.38	-0.000490 mg/L	Y 371.029
K 769.897	0.013369	mg/L	0.000357	2.7	6200.91	0.013369 mg/L	Y 371.029
Li 610.365	0.000647n	mg/L	0.000386	59.7	18.5798	0.000647 mg/L	Y 371.029
Li 670.783	0.000696	mg/L	0.000031	4.5	40777.2	0.000696 mg/L	Y 371.029
Mg 279.078	-0.002759uv	mg/L	0.001742	63.1	7.74279	-0.002759 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Mg 280.270	0.000190	mg/L	0.000032	16.7	242.190	0.000190	mg/L	Y 371.029
Mg 285.213	-0.000201uv	mg/L	0.000076	37.7	74.6632	-0.000201	mg/L	Y 371.029
Mn 257.610	0.000309n	mg/L	0.000018	5.7	9.07390	0.000309	mg/L	Y 371.029
Mn 259.372	0.000184	mg/L	0.000076	41.4	28.1608	0.000184	mg/L	Y 371.029
Mn 260.568	0.000133uv	mg/L	0.000107	80.9	4.11863	0.000133	mg/L	Y 371.029
Mo 202.032	0.022137	mg/L	0.003957	17.9	69.4836	0.022137	mg/L	Y 371.029
Mo 203.846	0.021352	mg/L	0.003373	15.8	29.7708	0.021352	mg/L	Y 371.029
Mo 204.598	0.021584	mg/L	0.003189	14.8	32.7797	0.021584	mg/L	Y 371.029
Na 568.821	0.928803	mg/L	0.040227	4.3	112.598	0.928803	mg/L	Y 371.029
Na 588.995	-0.250859uv	mg/L	0.000141	0.1	113319	-0.250859	mg/L	Y 371.029
Na 589.592	-0.498456uv	mg/L	0.000275	0.1	49063.1	-0.498456	mg/L	Y 371.029
Ni 216.555	0.000834	mg/L	0.000559	67.0	2.42493	0.000834	mg/L	Y 371.029
Ni 221.648	0.001042	mg/L	0.000545	52.3	2.70826	0.001042	mg/L	Y 371.029
Ni 231.604	0.000944	mg/L	0.000505	53.5	3.94251	0.000944	mg/L	Y 371.029
P 177.434	0.009147uv	mg/L	0.008136	88.9	2.77784	0.009147	mg/L	Y 371.029
P 213.618	-0.001015uv	mg/L	0.001673	164.8	3.19719	-0.001015	mg/L	Y 371.029
P 214.914	0.004187	mg/L	0.003294	78.7	2.48714	0.004187	mg/L	Y 371.029
Pb 220.353	0.005632	mg/L	0.002552	45.3	4.65039	0.005632	mg/L	Y 371.029
Pb 261.417	0.005718	mg/L	0.002753	48.2	4.74237	0.005718	mg/L	Y 371.029
Pb 405.781	0.000417uv	mg/L	0.004066	975.9	47.9430	0.000417	mg/L	Y 371.029
Sb 206.834	0.046395	mg/L	0.002720	5.9	26.0181	0.046395	mg/L	Y 371.029
Sb 231.146	0.033681	mg/L	0.001207	3.6	18.0096	0.033681	mg/L	Y 371.029
Sb 259.804	0.047319	mg/L	0.001965	4.2	17.1182	0.047319	mg/L	Y 371.029
Se 196.026	0.017476	mg/L	0.006452	36.9	5.73095	0.017476	mg/L	Y 371.029
Se 203.985	0.023739	mg/L	0.009870	41.6	3.83296	0.023739	mg/L	Y 371.029
Si 250.690	0.005867	mg/L	0.001954	33.3	50.1588	0.005867	mg/L	Y 371.029
Si 251.611	0.002858	mg/L	0.001047	36.6	52.6600	0.002858	mg/L	Y 371.029
Si 288.158	-0.003215uv	mg/L	0.000077	2.4	781.365	-0.003215	mg/L	Y 371.029
Sn 189.927	0.000677uv	mg/L	0.002995	442.0	2.18230	0.000677	mg/L	Y 371.029
Sn 283.998	0.004211	mg/L	0.000993	23.6	9.26415	0.004211	mg/L	Y 371.029
Sr 216.596	-0.000172uv	mg/L	0.000220	128.3	10.3966	-0.000172	mg/L	Y 371.029
Sr 407.771	-0.000067uv	mg/L	0.000018	27.0	5256.17	-0.000067	mg/L	Y 371.029
Sr 421.552	-0.000074uv	mg/L	0.000012	16.7	3355.21	-0.000074	mg/L	Y 371.029
Ti 334.941	0.001277	mg/L	0.000411	32.2	309.364	0.001277	mg/L	Y 371.029
Ti 336.122	0.001249	mg/L	0.000490	39.3	131.482	0.001249	mg/L	Y 371.029
Ti 337.280	0.001419	mg/L	0.000320	22.5	36.7399	0.001419	mg/L	Y 371.029
Tl 190.794	-0.000945uv	mg/L	0.001717	181.6	1.85513	-0.000945	mg/L	Y 371.029
Tl 190.807	-0.000574uv	mg/L	0.002334	406.6	1.05550	-0.000574	mg/L	Y 371.029
Tl 351.923	-0.001487uv	mg/L	0.003360	225.9	6.11189	-0.001487	mg/L	Y 371.029
V 268.796	0.002020	mg/L	0.000176	8.7	40.2910	0.002020	mg/L	Y 371.029
V 292.401	0.000076uv	mg/L	0.000199	261.3	14.3451	0.000076	mg/L	Y 371.029
V 311.837	0.000720	mg/L	0.000069	9.6	3.80186	0.000720	mg/L	Y 371.029
Zn 202.548	0.006894	mg/L	0.000057	0.8	353.419	0.006894	mg/L	Y 371.029
Zn 206.200	0.007845	mg/L	0.000343	4.4	118.508	0.007845	mg/L	Y 371.029
Zn 213.857	0.002320	mg/L	0.000231	10.0	834.249	0.002320	mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.618423	7413.02	15.594	0.2
Y 371.029	1.02320	166779	386.193	0.2

SEQ-CCV8 (Samp) **3/23/2011, 9:37:36 AM** **Rack 3, Tube 19**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.096441	mg/L	0.000122	0.1	4365.88	0.096441 mg/L	Y 371.029
Ag 338.289	0.096325	mg/L	0.000182	0.2	254.530	0.096325 mg/L	Y 371.029
Al 237.312	2.36425	mg/L	0.008402	0.4	2655.25	2.36425 mg/L	Y 371.029
Al 257.509	2.37215	mg/L	0.016568	0.7	1196.58	2.37215 mg/L	Y 371.029
Al 308.215	2.50734	mg/L	0.008050	0.3	13743.8	2.50734 mg/L	Y 371.029
As 188.980	0.466036	mg/L	0.004486	1.0	110.007	0.466036 mg/L	Y 371.029
As 193.696	0.465928	mg/L	0.001261	0.3	135.067	0.465928 mg/L	Y 371.029
As 228.812	0.532659	mg/L	0.004785	0.9	839.374	0.532659 mg/L	Y 371.029
B 182.577	0.463153	mg/L	0.002546	0.5	163.412	0.463153 mg/L	Y 371.029
B 249.678	0.494315	mg/L	0.003513	0.7	3864.12	0.494315 mg/L	Y 371.029
B 249.772	0.476366	mg/L	0.006189	1.3	6874.86	0.476366 mg/L	Y 371.029
Ba 233.527	0.470739	mg/L	0.000769	0.2	14492.4	0.470739 mg/L	Y 371.029
Ba 455.403	0.480489	mg/L	0.001862	0.4	437151	0.480489 mg/L	Y 371.029
Ba 493.408	0.498962	mg/L	0.000856	0.2	296346	0.498962 mg/L	Y 371.029
Be 234.861	0.479144	mg/L	0.002388	0.5	43507.5	0.479144 mg/L	Y 371.029
Be 313.042	0.479181	mg/L	0.003227	0.7	637264	0.479181 mg/L	Y 371.029
Be 313.107	0.480945	mg/L	0.003875	0.8	319605	0.480945 mg/L	Y 371.029
Ca 393.366	3.85369	mg/L	0.010018	0.3	4953108	3.85369 mg/L	Y 371.029
Ca 396.847	4.17650	mg/L	0.010051	0.2	8860911	4.17650 mg/L	Y 371.029
Ca 430.253	4.71676	mg/L	0.015865	0.3	16681.7	4.71676 mg/L	Y 371.029
Cd 214.439	0.226866	mg/L	0.000797	0.4	2465.95	0.226866 mg/L	Y 371.029
Cd 226.502	0.234183	mg/L	0.000761	0.3	5687.15	0.234183 mg/L	Y 371.029
Cd 228.802	0.238237	mg/L	0.000319	0.1	2587.30	0.238237 mg/L	Y 371.029
Co 228.615	0.470561	mg/L	0.000975	0.2	2933.62	0.470561 mg/L	Y 371.029
Co 230.786	0.467222	mg/L	0.001174	0.3	2074.13	0.467222 mg/L	Y 371.029
Co 238.892	0.478127	mg/L	0.000782	0.2	2058.33	0.478127 mg/L	Y 371.029
Cr 205.560	0.468897	mg/L	0.001168	0.2	1393.88	0.468897 mg/L	Y 371.029
Cr 206.158	0.467413	mg/L	0.001195	0.3	576.805	0.467413 mg/L	Y 371.029
Cr 267.716	0.471495	mg/L	0.002024	0.4	7836.30	0.471495 mg/L	Y 371.029
Cu 213.598	0.456199	mg/L	0.000764	0.2	1065.86	0.456199 mg/L	Y 371.029
Cu 324.754	0.487224	mg/L	0.002311	0.5	14787.5	0.487224 mg/L	Y 371.029
Cu 327.395	0.479483	mg/L	0.001620	0.3	19072.2	0.479483 mg/L	Y 371.029
Fe 234.350	0.467933	mg/L	0.000708	0.2	3253.67	0.467933 mg/L	Y 371.029
Fe 238.204	0.461020	mg/L	0.003618	0.8	6520.55	0.461020 mg/L	Y 371.029
Fe 259.940	0.474664	mg/L	0.001252	0.3	5973.17	0.474664 mg/L	Y 371.029
Ga 287.423	0.481090	mg/L	0.003720	0.8	912.645	0.481090 mg/L	Y 371.029
Ga 294.363	0.478170	mg/L	0.003238	0.7	2449.74	0.478170 mg/L	Y 371.029
Ga 417.204	0.487289	mg/L	0.002190	0.4	3854.18	0.487289 mg/L	Y 371.029
K 766.491	5.00147	mg/L	0.022309	0.4	285588	5.00147 mg/L	Y 371.029
K 769.897	5.01295	mg/L	0.019829	0.4	233463	5.01295 mg/L	Y 371.029
Li 610.365	1.02549n	mg/L	0.001590	0.2	34322.0	1.02549 mg/L	Y 371.029
Li 670.783	0.991434	mg/L	0.002338	0.2	2422729	0.991434 mg/L	Y 371.029
Mg 279.078	4.76676	mg/L	0.005060	0.1	5275.30	4.76676 mg/L	Y 371.029
Mg 280.270	4.80025	mg/L	0.041450	0.9	372983	4.80025 mg/L	Y 371.029
Mg 285.213	5.06651	mg/L	0.074162	1.5	142058	5.06651 mg/L	Y 371.029
Mn 257.610	0.461065n	mg/L	0.005219	1.1	53235.2	0.461065 mg/L	Y 371.029
Mn 259.372	0.466631	mg/L	0.004996	1.1	41103.3	0.466631 mg/L	Y 371.029
Mn 260.568	0.480927	mg/L	0.002108	0.4	7275.72	0.480927 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.970389	mg/L	0.007879	0.8	2755.61	0.970389 mg/L	Y 371.029
Mo 203.846	0.980941	mg/L	0.013784	1.4	1191.39	0.980941 mg/L	Y 371.029
Mo 204.598	0.967911	mg/L	0.006250	0.6	1375.86	0.967911 mg/L	Y 371.029
Na 568.821	4.75357	mg/L	0.031086	0.7	1020.44	4.75357 mg/L	Y 371.029
Na 588.995	5.33688	mg/L	0.019514	0.4	2339085	5.33688 mg/L	Y 371.029
Na 589.592	4.93084	mg/L	0.019660	0.4	1152255	4.93084 mg/L	Y 371.029
Ni 216.555	0.913529	mg/L	0.001081	0.1	3026.92	0.913529 mg/L	Y 371.029
Ni 221.648	0.922985	mg/L	0.001540	0.2	1227.87	0.922985 mg/L	Y 371.029
Ni 231.604	0.940486	mg/L	0.000741	0.1	2185.09	0.940486 mg/L	Y 371.029
P 177.434	0.469039	mg/L	0.008263	1.8	51.7525	0.469039 mg/L	Y 371.029
P 213.618	0.459928	mg/L	0.004624	1.0	198.805	0.459928 mg/L	Y 371.029
P 214.914	0.457203	mg/L	0.004362	1.0	54.8312	0.457203 mg/L	Y 371.029
Pb 220.353	0.908956	mg/L	0.003893	0.4	655.056	0.908956 mg/L	Y 371.029
Pb 261.417	0.953471	mg/L	0.007122	0.7	395.847	0.953471 mg/L	Y 371.029
Pb 405.781	0.977687	mg/L	0.005826	0.6	1127.34	0.977687 mg/L	Y 371.029
Sb 206.834	0.863536	mg/L	0.003239	0.4	399.252	0.863536 mg/L	Y 371.029
Sb 231.146	0.859027	mg/L	0.002453	0.3	328.796	0.859027 mg/L	Y 371.029
Sb 259.804	0.794586	mg/L	0.005210	0.7	254.455	0.794586 mg/L	Y 371.029
Se 196.026	0.946583	mg/L	0.004597	0.5	185.685	0.946583 mg/L	Y 371.029
Se 203.985	0.920310	mg/L	0.018325	2.0	108.879	0.920310 mg/L	Y 371.029
Si 250.690	0.985757	mg/L	0.007191	0.7	1078.61	0.985757 mg/L	Y 371.029
Si 251.611	1.00083	mg/L	0.010416	1.0	1194.71	1.00083 mg/L	Y 371.029
Si 288.158	0.991916	mg/L	0.010192	1.0	6640.85	0.991916 mg/L	Y 371.029
Sn 189.927	0.962165	mg/L	0.003403	0.4	202.582	0.962165 mg/L	Y 371.029
Sn 283.998	0.977396	mg/L	0.006535	0.7	1411.59	0.977396 mg/L	Y 371.029
Sr 216.596	0.447018	mg/L	0.000660	0.1	2318.42	0.447018 mg/L	Y 371.029
Sr 407.771	0.474460	mg/L	0.001368	0.3	1200105	0.474460 mg/L	Y 371.029
Sr 421.552	0.481520	mg/L	0.001789	0.4	809518	0.481520 mg/L	Y 371.029
Ti 334.941	0.479068	mg/L	0.004349	0.9	96366.2	0.479068 mg/L	Y 371.029
Ti 336.122	0.494655	mg/L	0.001678	0.3	42074.1	0.494655 mg/L	Y 371.029
Ti 337.280	0.493387	mg/L	0.000522	0.1	14182.9	0.493387 mg/L	Y 371.029
Tl 190.794	0.467686	mg/L	0.003996	0.9	122.636	0.467686 mg/L	Y 371.029
Tl 190.807	0.463103	mg/L	0.011230	2.4	61.7898	0.463103 mg/L	Y 371.029
Tl 351.923	0.508136	mg/L	0.003945	0.8	772.627	0.508136 mg/L	Y 371.029
V 268.796	0.459413	mg/L	0.002508	0.5	4161.24	0.459413 mg/L	Y 371.029
V 292.401	0.471503	mg/L	0.000992	0.2	11577.0	0.471503 mg/L	Y 371.029
V 311.837	0.476494	mg/L	0.001624	0.3	16575.9	0.476494 mg/L	Y 371.029
Zn 202.548	0.438047	mg/L	0.000247	0.1	2367.39	0.438047 mg/L	Y 371.029
Zn 206.200	0.445938	mg/L	0.001838	0.4	800.938	0.445938 mg/L	Y 371.029
Zn 213.857	0.456951	mg/L	0.002071	0.5	6182.34	0.456951 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.575758	6901.59	6.278	0.1
Y 371.029	1.04496	170327	72.443	0.0

SEQ-CCB8 (Samp) **3/23/2011, 9:41:52 AM** **Rack 3, Tube 20**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000013uv	mg/L	0.000081	645.6	148.026	-0.000013 mg/L	Y 371.029
Ag 338.289	0.001295	mg/L	0.000761	58.8	1.28541	0.001295 mg/L	Y 371.029
Al 237.312	-0.001949uv	mg/L	0.001111	57.0	36.0887	-0.001949 mg/L	Y 371.029
Al 257.509	0.001390uv	mg/L	0.002188	157.4	17.4240	0.001390 mg/L	Y 371.029
Al 308.215	0.032436	mg/L	0.000528	1.6	1320.41	0.032436 mg/L	Y 371.029
As 188.980	0.004724	mg/L	0.003105	65.7	4.49481	0.004724 mg/L	Y 371.029
As 193.696	0.001790	mg/L	0.001090	60.9	3.15540	0.001790 mg/L	Y 371.029
As 228.812	0.004520	mg/L	0.002008	44.4	9.93525	0.004520 mg/L	Y 371.029
B 182.577	0.005603	mg/L	0.000178	3.2	4.83581	0.005603 mg/L	Y 371.029
B 249.678	0.005165	mg/L	0.000742	14.4	57.5024	0.005165 mg/L	Y 371.029
B 249.772	0.004992	mg/L	0.000733	14.7	102.277	0.004992 mg/L	Y 371.029
Ba 233.527	-0.000031uv	mg/L	0.000052	168.4	143.945	-0.000031 mg/L	Y 371.029
Ba 455.403	0.000078	mg/L	0.000006	7.4	4396.13	0.000078 mg/L	Y 371.029
Ba 493.408	0.000119	mg/L	0.000014	11.5	2921.75	0.000119 mg/L	Y 371.029
Be 234.861	0.000023	mg/L	0.000013	57.9	0.040885	0.000023 mg/L	Y 371.029
Be 313.042	-0.000015uv	mg/L	0.000006	36.6	396.433	-0.000015 mg/L	Y 371.029
Be 313.107	0.000023	mg/L	0.000001	3.8	16.4278	0.000023 mg/L	Y 371.029
Ca 393.366	-0.000206uv	mg/L	0.000006	3.0	14548.6	-0.000206 mg/L	Y 371.029
Ca 396.847	0.000070	mg/L	0.000004	5.6	25098.6	0.000070 mg/L	Y 371.029
Ca 430.253	-0.012937uv	mg/L	0.002107	16.3	444.249	-0.012937 mg/L	Y 371.029
Cd 214.439	0.000601	mg/L	0.000128	21.3	7.76659	0.000601 mg/L	Y 371.029
Cd 226.502	0.000466	mg/L	0.000065	14.0	25.6880	0.000466 mg/L	Y 371.029
Cd 228.802	0.000539	mg/L	0.000047	8.7	16.4016	0.000539 mg/L	Y 371.029
Co 228.615	0.001183	mg/L	0.000178	15.0	4.13163	0.001183 mg/L	Y 371.029
Co 230.786	-0.000278uv	mg/L	0.000368	132.3	3.82839	-0.000278 mg/L	Y 371.029
Co 238.892	0.000133uv	mg/L	0.000205	154.5	1.99559	0.000133 mg/L	Y 371.029
Cr 205.560	0.000692	mg/L	0.000335	48.4	4.18998	0.000692 mg/L	Y 371.029
Cr 206.158	0.001071	mg/L	0.000252	23.5	1.76089	0.001071 mg/L	Y 371.029
Cr 267.716	0.000499	mg/L	0.000180	36.2	22.9920	0.000499 mg/L	Y 371.029
Cu 213.598	0.000628	mg/L	0.000287	45.7	1.53005	0.000628 mg/L	Y 371.029
Cu 324.754	-0.000332uv	mg/L	0.000121	36.4	407.623	-0.000332 mg/L	Y 371.029
Cu 327.395	0.000155	mg/L	0.000052	33.7	15.6850	0.000155 mg/L	Y 371.029
Fe 234.350	0.000236uv	mg/L	0.000114	48.5	14.5118	0.000236 mg/L	Y 371.029
Fe 238.204	0.000710	mg/L	0.000095	13.3	21.3721	0.000710 mg/L	Y 371.029
Fe 259.940	0.000599	mg/L	0.000086	14.4	28.7211	0.000599 mg/L	Y 371.029
Ga 287.423	-0.000236uv	mg/L	0.000410	174.2	5.65546	-0.000236 mg/L	Y 371.029
Ga 294.363	0.000295uv	mg/L	0.000585	198.6	7.80098	0.000295 mg/L	Y 371.029
Ga 417.204	-0.001101uv	mg/L	0.001215	110.3	30.3703	-0.001101 mg/L	Y 371.029
K 766.491	-0.000722uv	mg/L	0.000081	11.3	1497.56	-0.000722 mg/L	Y 371.029
K 769.897	-0.007223uv	mg/L	0.000620	8.6	5264.16	-0.007223 mg/L	Y 371.029
Li 610.365	0.001485n	mg/L	0.000343	23.1	46.6553	0.001485 mg/L	Y 371.029
Li 670.783	-0.000416uv	mg/L	0.000045	10.9	38103.7	-0.000416 mg/L	Y 371.029
Mg 279.078	-0.001081uv	mg/L	0.001264	116.9	9.58192	-0.001081 mg/L	Y 371.029
Mg 280.270	-0.000008uv	mg/L	0.000016	210.6	226.688	-0.000008 mg/L	Y 371.029
Mg 285.213	-0.000238uv	mg/L	0.000064	26.8	73.2921	-0.000238 mg/L	Y 371.029
Mn 257.610	0.000289n	mg/L	0.000020	6.9	5.95930	0.000289 mg/L	Y 371.029
Mn 259.372	0.000129	mg/L	0.000030	23.4	21.4680	0.000129 mg/L	Y 371.029
Mn 260.568	0.000118	mg/L	0.000050	42.1	3.87209	0.000118 mg/L	Y 371.029
Mo 202.032	0.015571	mg/L	0.002537	16.3	50.8073	0.015571 mg/L	Y 371.029
Mo 203.846	0.015694	mg/L	0.002604	16.6	22.8853	0.015694 mg/L	Y 371.029
Mo 204.598	0.015028	mg/L	0.002194	14.6	23.4340	0.015028 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.822932	mg/L	0.048168	5.9	87.3662	0.822932 mg/L	Y 371.029
Na 588.995	-0.260440uv	mg/L	0.000853	0.3	109504	-0.260440 mg/L	Y 371.029
Na 589.592	-0.501620uv	mg/L	0.002771	0.6	48420.7	-0.501620 mg/L	Y 371.029
Ni 216.555	0.000904	mg/L	0.000809	89.6	2.65500	0.000904 mg/L	Y 371.029
Ni 221.648	0.001203	mg/L	0.000798	66.3	2.91991	0.001203 mg/L	Y 371.029
Ni 231.604	0.000651	mg/L	0.000521	80.0	3.26091	0.000651 mg/L	Y 371.029
P 177.434	0.001074uv	mg/L	0.003694	344.0	1.91834	0.001074 mg/L	Y 371.029
P 213.618	-0.001119uv	mg/L	0.000523	46.7	3.14867	-0.001119 mg/L	Y 371.029
P 214.914	0.004585	mg/L	0.001908	41.6	2.52937	0.004585 mg/L	Y 371.029
Pb 220.353	0.003993	mg/L	0.001509	37.8	3.46977	0.003993 mg/L	Y 371.029
Pb 261.417	0.001681uv	mg/L	0.004722	280.9	3.06744	0.001681 mg/L	Y 371.029
Pb 405.781	0.004070uv	mg/L	0.008231	202.2	51.9566	0.004070 mg/L	Y 371.029
Sb 206.834	0.026925	mg/L	0.000921	3.4	17.2006	0.026925 mg/L	Y 371.029
Sb 231.146	0.021671	mg/L	0.003192	14.7	13.5209	0.021671 mg/L	Y 371.029
Sb 259.804	0.030116	mg/L	0.003339	11.1	11.6656	0.030116 mg/L	Y 371.029
Se 196.026	0.007562	mg/L	0.002425	32.1	3.81280	0.007562 mg/L	Y 371.029
Se 203.985	0.008457uv	mg/L	0.011588	137.0	2.09015	0.008457 mg/L	Y 371.029
Si 250.690	0.015309	mg/L	0.001249	8.2	59.9953	0.015309 mg/L	Y 371.029
Si 251.611	0.012086	mg/L	0.000453	3.7	62.9141	0.012086 mg/L	Y 371.029
Si 288.158	0.008522	mg/L	0.000617	7.2	850.450	0.008522 mg/L	Y 371.029
Sn 189.927	-0.001261uv	mg/L	0.002695	213.7	1.77821	-0.001261 mg/L	Y 371.029
Sn 283.998	0.002306	mg/L	0.001079	46.8	7.09108	0.002306 mg/L	Y 371.029
Sr 216.596	0.000188	mg/L	0.000151	80.4	12.2337	0.000188 mg/L	Y 371.029
Sr 407.771	-0.000087uv	mg/L	0.000013	15.2	5201.53	-0.000087 mg/L	Y 371.029
Sr 421.552	-0.000039uv	mg/L	0.000012	30.3	3410.70	-0.000039 mg/L	Y 371.029
Ti 334.941	0.000617	mg/L	0.000157	25.4	176.731	0.000617 mg/L	Y 371.029
Ti 336.122	0.000707	mg/L	0.000131	18.5	85.3592	0.000707 mg/L	Y 371.029
Ti 337.280	0.001069	mg/L	0.000116	10.8	26.6478	0.001069 mg/L	Y 371.029
Tl 190.794	0.000235uv	mg/L	0.002195	934.8	2.15751	0.000235 mg/L	Y 371.029
Tl 190.807	0.004103uv	mg/L	0.006316	153.9	1.65750	0.004103 mg/L	Y 371.029
Tl 351.923	-0.000204uv	mg/L	0.004147	2034.6	8.03881	-0.000204 mg/L	Y 371.029
V 268.796	0.001607	mg/L	0.000309	19.3	33.6182	0.001607 mg/L	Y 371.029
V 292.401	0.000046uv	mg/L	0.000187	402.4	13.6006	0.000046 mg/L	Y 371.029
V 311.837	0.000754	mg/L	0.000114	15.2	4.95110	0.000754 mg/L	Y 371.029
Zn 202.548	-0.003880uv	mg/L	0.000273	7.0	303.375	-0.003880 mg/L	Y 371.029
Zn 206.200	-0.002216uv	mg/L	0.000986	44.5	102.881	-0.002216 mg/L	Y 371.029
Zn 213.857	-0.002480uv	mg/L	0.000911	36.7	778.187	-0.002480 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.577522	6922.74	32.563	0.5
Y 371.029	1.04347	170084	455.769	0.3

1113049-BLK1 (Samp) **3/23/2011, 10:00:43 AM** **Rack 3, Tube 21**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000369	mg/L	0.000174	47.3	164.619	0.000369 mg/L	Y 371.029
Ag 338.289	0.001766	mg/L	0.000413	23.4	2.56825	0.001766 mg/L	Y 371.029
Al 237.312	0.001383	mg/L	0.001326	95.9	39.7604	0.001383 mg/L	Y 371.029
Al 257.509	0.001781	mg/L	0.001581	88.8	17.6127	0.001781 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.015554	mg/L	0.001357	8.7	1235.17	0.015554 mg/L	Y 371.029
As 188.980	0.002522uv	mg/L	0.004241	168.2	3.99066	0.002522 mg/L	Y 371.029
As 193.696	0.000595uv	mg/L	0.004048	680.3	2.81538	0.000595 mg/L	Y 371.029
As 228.812	0.003949	mg/L	0.001109	28.1	9.24213	0.003949 mg/L	Y 371.029
B 182.577	0.000680uv	mg/L	0.002049	301.5	3.13132	0.000680 mg/L	Y 371.029
B 249.678	0.001353	mg/L	0.000244	18.1	27.8954	0.001353 mg/L	Y 371.029
B 249.772	0.001314	mg/L	0.000024	1.8	49.5272	0.001314 mg/L	Y 371.029
Ba 233.527	-0.000217uv	mg/L	0.000150	68.9	138.269	-0.000217 mg/L	Y 371.029
Ba 455.403	-0.000212uv	mg/L	0.000009	4.4	4135.93	-0.000212 mg/L	Y 371.029
Ba 493.408	-0.000167uv	mg/L	0.000008	4.8	2753.82	-0.000167 mg/L	Y 371.029
Be 234.861	0.000023	mg/L	0.000005	24.0	0.040140	0.000023 mg/L	Y 371.029
Be 313.042	-0.000029uv	mg/L	0.000004	14.2	377.817	-0.000029 mg/L	Y 371.029
Be 313.107	0.000027	mg/L	0.000004	15.8	18.9558	0.000027 mg/L	Y 371.029
Ca 393.366	0.003202	mg/L	0.000034	1.1	18893.4	0.003202 mg/L	Y 371.029
Ca 396.847	0.003443	mg/L	0.000048	1.4	32229.0	0.003443 mg/L	Y 371.029
Ca 430.253	0.020022	mg/L	0.003235	16.2	557.329	0.020022 mg/L	Y 371.029
Cd 214.439	0.000467	mg/L	0.000117	25.1	6.30556	0.000467 mg/L	Y 371.029
Cd 226.502	0.000429	mg/L	0.000085	19.8	24.7928	0.000429 mg/L	Y 371.029
Cd 228.802	0.000477	mg/L	0.000065	13.5	15.7361	0.000477 mg/L	Y 371.029
Co 228.615	0.000753	mg/L	0.000095	12.6	1.45896	0.000753 mg/L	Y 371.029
Co 230.786	-0.000332uv	mg/L	0.000216	65.0	3.57902	-0.000332 mg/L	Y 371.029
Co 238.892	0.000349	mg/L	0.000073	20.8	2.91997	0.000349 mg/L	Y 371.029
Cr 205.560	0.000154uv	mg/L	0.000274	178.0	2.59560	0.000154 mg/L	Y 371.029
Cr 206.158	0.000626uv	mg/L	0.000674	107.7	1.21511	0.000626 mg/L	Y 371.029
Cr 267.716	-0.000020uv	mg/L	0.000237	1187.0	14.4182	-0.000020 mg/L	Y 371.029
Cu 213.598	0.000666	mg/L	0.000490	73.5	1.56483	0.000666 mg/L	Y 371.029
Cu 324.754	-0.002101uv	mg/L	0.000082	3.9	355.381	-0.002101 mg/L	Y 371.029
Cu 327.395	0.000141uv	mg/L	0.000220	156.3	15.1503	0.000141 mg/L	Y 371.029
Fe 234.350	0.000072uv	mg/L	0.000047	65.9	13.4280	0.000072 mg/L	Y 371.029
Fe 238.204	0.001044	mg/L	0.000084	8.1	26.0407	0.001044 mg/L	Y 371.029
Fe 259.940	0.000904	mg/L	0.000074	8.2	32.5392	0.000904 mg/L	Y 371.029
Ga 287.423	-0.000992uv	mg/L	0.000677	68.3	4.25380	-0.000992 mg/L	Y 371.029
Ga 294.363	0.001177	mg/L	0.000213	18.1	12.2911	0.001177 mg/L	Y 371.029
Ga 417.204	-0.000231uv	mg/L	0.001055	457.1	36.6871	-0.000231 mg/L	Y 371.029
K 766.491	0.001081	mg/L	0.000273	25.3	1599.81	0.001081 mg/L	Y 371.029
K 769.897	-0.000179uv	mg/L	0.001163	648.7	5583.56	-0.000179 mg/L	Y 371.029
Li 610.365	0.001387n	mg/L	0.000116	8.4	43.3609	0.001387 mg/L	Y 371.029
Li 670.783	-0.000093uv	mg/L	0.000043	46.3	38877.9	-0.000093 mg/L	Y 371.029
Mg 279.078	-0.000706uv	mg/L	0.001376	195.0	10.0039	-0.000706 mg/L	Y 371.029
Mg 280.270	0.000277	mg/L	0.000018	6.6	248.796	0.000277 mg/L	Y 371.029
Mg 285.213	0.000034uv	mg/L	0.000020	59.8	80.9353	0.000034 mg/L	Y 371.029
Mn 257.610	0.000278n	mg/L	0.000018	6.4	5.38701	0.000278 mg/L	Y 371.029
Mn 259.372	0.000167	mg/L	0.000025	15.2	20.9072	0.000167 mg/L	Y 371.029
Mn 260.568	0.000092uv	mg/L	0.000046	49.6	3.51444	0.000092 mg/L	Y 371.029
Mo 202.032	0.001113	mg/L	0.000251	22.5	9.96621	0.001113 mg/L	Y 371.029
Mo 203.846	0.000922	mg/L	0.000497	53.9	5.05340	0.000922 mg/L	Y 371.029
Mo 204.598	0.000840	mg/L	0.000589	70.1	3.35598	0.000840 mg/L	Y 371.029
Na 568.821	0.820682	mg/L	0.054764	6.7	86.8606	0.820682 mg/L	Y 371.029
Na 588.995	-0.251673uv	mg/L	0.000155	0.1	112995	-0.251673 mg/L	Y 371.029
Na 589.592	-0.497720uv	mg/L	0.000427	0.1	49212.5	-0.497720 mg/L	Y 371.029
Ni 216.555	0.000933	mg/L	0.000579	62.0	2.75449	0.000933 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000595	mg/L	0.000400	67.2	2.11253	0.000595 mg/L	Y 371.029
Ni 231.604	0.000664	mg/L	0.000266	40.1	3.29105	0.000664 mg/L	Y 371.029
P 177.434	0.004973uv	mg/L	0.007863	158.1	2.33391	0.004973 mg/L	Y 371.029
P 213.618	-0.000155uv	mg/L	0.000997	641.7	3.55050	-0.000155 mg/L	Y 371.029
P 214.914	0.001447uv	mg/L	0.006568	454.0	2.16547	0.001447 mg/L	Y 371.029
Pb 220.353	0.002474	mg/L	0.000337	13.6	2.37587	0.002474 mg/L	Y 371.029
Pb 261.417	0.003999	mg/L	0.003789	94.7	4.02402	0.003999 mg/L	Y 371.029
Pb 405.781	-0.005495uv	mg/L	0.001082	19.7	41.3976	-0.005495 mg/L	Y 371.029
Sb 206.834	-0.003492uv	mg/L	0.002695	77.2	3.43229	-0.003492 mg/L	Y 371.029
Sb 231.146	-0.005232uv	mg/L	0.005432	103.8	3.46089	-0.005232 mg/L	Y 371.029
Sb 259.804	0.002578	mg/L	0.000968	37.6	2.94105	0.002578 mg/L	Y 371.029
Se 196.026	0.000519uv	mg/L	0.001511	291.2	2.44991	0.000519 mg/L	Y 371.029
Se 203.985	0.008497uv	mg/L	0.014871	175.0	2.09425	0.008497 mg/L	Y 371.029
Si 250.690	0.032100	mg/L	0.000260	0.8	77.5018	0.032100 mg/L	Y 371.029
Si 251.611	0.031187	mg/L	0.000638	2.0	84.1164	0.031187 mg/L	Y 371.029
Si 288.158	0.020301	mg/L	0.000718	3.5	919.812	0.020301 mg/L	Y 371.029
Sn 189.927	-0.001375uv	mg/L	0.001817	132.1	1.75442	-0.001375 mg/L	Y 371.029
Sn 283.998	0.000920uv	mg/L	0.000856	93.1	5.18500	0.000920 mg/L	Y 371.029
Sr 216.596	-0.000280uv	mg/L	0.000249	89.2	9.83636	-0.000280 mg/L	Y 371.029
Sr 407.771	-0.000094uv	mg/L	0.000009	9.6	5184.89	-0.000094 mg/L	Y 371.029
Sr 421.552	-0.000054uv	mg/L	0.000012	21.4	3386.03	-0.000054 mg/L	Y 371.029
Ti 334.941	0.000013	mg/L	0.000005	39.3	55.5044	0.000013 mg/L	Y 371.029
Ti 336.122	-0.000022uv	mg/L	0.000037	171.1	23.5268	-0.000022 mg/L	Y 371.029
Ti 337.280	0.000486	mg/L	0.000207	42.7	9.89057	0.000486 mg/L	Y 371.029
Tl 190.794	0.000089uv	mg/L	0.003709	4177.5	2.12085	0.000089 mg/L	Y 371.029
Tl 190.807	-0.001487uv	mg/L	0.000786	52.9	0.920435	-0.001487 mg/L	Y 371.029
Tl 351.923	0.000031uv	mg/L	0.003435	11210.4	8.38953	0.000031 mg/L	Y 371.029
V 268.796	0.000904uv	mg/L	0.000212	23.4	19.3281	0.000904 mg/L	Y 371.029
V 292.401	0.000151uv	mg/L	0.000146	96.3	16.1825	0.000151 mg/L	Y 371.029
V 311.837	0.000699	mg/L	0.000068	9.7	3.06283	0.000699 mg/L	Y 371.029
Zn 202.548	-0.001028uv	mg/L	0.000442	42.9	316.613	-0.001028 mg/L	Y 371.029
Zn 206.200	0.000907	mg/L	0.000359	39.6	107.721	0.000907 mg/L	Y 371.029
Zn 213.857	0.000080uv	mg/L	0.000405	503.1	808.020	0.000080 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.580507	6958.51	31.372	0.5
Y 371.029	1.03674	168987	1125.171	0.7

1113049-BS1 (Samp) **3/23/2011, 10:03:44 AM** **Rack 3, Tube 22**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.537340	mg/L	0.001842	0.3	23618.8	0.537340 mg/L	Y 371.029
Ag 338.289	0.521935	mg/L	0.002797	0.5	1401.10	0.521935 mg/L	Y 371.029
Al 237.312	5.03133	mg/L	0.010563	0.2	5605.56	5.03133 mg/L	Y 371.029
Al 257.509	5.02533	mg/L	0.034431	0.7	2515.85	5.02533 mg/L	Y 371.029
Al 308.215	5.28910	mg/L	0.013612	0.3	27624.2	5.28910 mg/L	Y 371.029
As 188.980	0.987772	mg/L	0.004264	0.4	229.265	0.987772 mg/L	Y 371.029
As 193.696	0.995467	mg/L	0.005993	0.6	285.566	0.995467 mg/L	Y 371.029
As 228.812	2.04953	mg/L	0.078125	3.8	3275.44	2.04953 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.976031	mg/L	0.010587	1.1	341.227	0.976031 mg/L	Y 371.029
B 249.678	1.01606	mg/L	0.020490	2.0	7929.42	1.01606 mg/L	Y 371.029
B 249.772	0.988287	mg/L	0.021314	2.2	14286.3	0.988287 mg/L	Y 371.029
Ba 233.527	1.00712	mg/L	0.002262	0.2	30841.0	1.00712 mg/L	Y 371.029
Ba 455.403	1.00053	mg/L	0.001521	0.2	905613	1.00053 mg/L	Y 371.029
Ba 493.408	1.00538	mg/L	0.002079	0.2	594246	1.00538 mg/L	Y 371.029
Be 234.861	1.02243	mg/L	0.003966	0.4	92842.0	1.02243 mg/L	Y 371.029
Be 313.042	1.02504	mg/L	0.005723	0.6	1362728	1.02504 mg/L	Y 371.029
Be 313.107	1.03125	mg/L	0.005506	0.5	685304	1.03125 mg/L	Y 371.029
Ca 393.366	7.45641	mg/L	0.024881	0.3	9569245	7.45641 mg/L	Y 371.029
Ca 396.847	8.39483	mg/L	0.024764	0.3	17785622	8.39483 mg/L	Y 371.029
Ca 430.253	9.96148	mg/L	0.031929	0.3	34696.1	9.96148 mg/L	Y 371.029
Cd 214.439	0.926026	mg/L	0.052672	5.7	10061.8	0.926026 mg/L	Y 371.029
Cd 226.502	0.991238	mg/L	0.003475	0.4	24026.0	0.991238 mg/L	Y 371.029
Cd 228.802	0.971626	mg/L	0.031571	3.2	10518.1	0.971626 mg/L	Y 371.029
Co 228.615	0.994253	mg/L	0.003041	0.3	6206.38	0.994253 mg/L	Y 371.029
Co 230.786	0.986066	mg/L	0.005249	0.5	4373.46	0.986066 mg/L	Y 371.029
Co 238.892	0.980071	mg/L	0.004670	0.5	4207.36	0.980071 mg/L	Y 371.029
Cr 205.560	0.989990	mg/L	0.004670	0.5	2941.49	0.989990 mg/L	Y 371.029
Cr 206.158	1.00244	mg/L	0.007563	0.8	1237.05	1.00244 mg/L	Y 371.029
Cr 267.716	0.990814	mg/L	0.008693	0.9	16456.9	0.990814 mg/L	Y 371.029
Cu 213.598	0.977750	mg/L	0.007166	0.7	2282.91	0.977750 mg/L	Y 371.029
Cu 324.754	0.998248	mg/L	0.006142	0.6	29867.1	0.998248 mg/L	Y 371.029
Cu 327.395	1.00611	mg/L	0.000449	0.0	40030.4	1.00611 mg/L	Y 371.029
Fe 234.350	4.96877	mg/L	0.027787	0.6	33579.4	4.96877 mg/L	Y 371.029
Fe 238.204	4.92728	mg/L	0.027388	0.6	68325.9	4.92728 mg/L	Y 371.029
Fe 259.940	5.02479	mg/L	0.075207	1.5	62020.6	5.02479 mg/L	Y 371.029
Ga 287.423	1.01665	mg/L	0.004557	0.4	1943.81	1.01665 mg/L	Y 371.029
Ga 294.363	0.995770	mg/L	0.009867	1.0	5094.65	0.995770 mg/L	Y 371.029
Ga 417.204	0.996937	mg/L	0.004297	0.4	7856.58	0.996937 mg/L	Y 371.029
K 766.491	10.0875	mg/L	0.029501	0.3	574441	10.0875 mg/L	Y 371.029
K 769.897	10.5533	mg/L	0.049355	0.5	485259	10.5533 mg/L	Y 371.029
Li 610.365	1.09439n	mg/L	0.003427	0.3	36628.3	1.09439 mg/L	Y 371.029
Li 670.783	1.06829	mg/L	0.002770	0.3	2608120	1.06829 mg/L	Y 371.029
Mg 279.078	10.1215	mg/L	0.052108	0.5	11190.5	10.1215 mg/L	Y 371.029
Mg 280.270	9.53898	mg/L	0.067953	0.7	740971	9.53898 mg/L	Y 371.029
Mg 285.213	10.7844	mg/L	0.123132	1.1	302292	10.7844 mg/L	Y 371.029
Mn 257.610	0.959245n	mg/L	0.006665	0.7	110823	0.959245 mg/L	Y 371.029
Mn 259.372	0.972930	mg/L	0.007819	0.8	85699.1	0.972930 mg/L	Y 371.029
Mn 260.568	0.992394	mg/L	0.011311	1.1	15015.2	0.992394 mg/L	Y 371.029
Mo 202.032	0.948075	mg/L	0.017280	1.8	2699.69	0.948075 mg/L	Y 371.029
Mo 203.846	0.956271	mg/L	0.025951	2.7	1164.94	0.956271 mg/L	Y 371.029
Mo 204.598	0.949018	mg/L	0.025464	2.7	1353.03	0.949018 mg/L	Y 371.029
Na 568.821	9.64488	mg/L	0.026767	0.3	2183.28	9.64488 mg/L	Y 371.029
Na 588.995	10.5958	mg/L	0.029104	0.3	4433900	10.5958 mg/L	Y 371.029
Na 589.592	11.1087	mg/L	0.013466	0.1	2407531	11.1087 mg/L	Y 371.029
Ni 216.555	0.974396	mg/L	0.003787	0.4	3236.45	0.974396 mg/L	Y 371.029
Ni 221.648	0.985212	mg/L	0.002673	0.3	1313.51	0.985212 mg/L	Y 371.029
Ni 231.604	0.997117	mg/L	0.006414	0.6	2321.79	0.997117 mg/L	Y 371.029
P 177.434	1.02109	mg/L	0.010764	1.1	110.573	1.02109 mg/L	Y 371.029
P 213.618	0.985785	mg/L	0.004466	0.5	421.789	0.985785 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.993503	mg/L	0.002381	0.2	116.247	0.993503 mg/L	Y 371.029
Pb 220.353	0.965026	mg/L	0.003513	0.4	695.427	0.965026 mg/L	Y 371.029
Pb 261.417	0.750397	mg/L	0.005074	0.7	311.693	0.750397 mg/L	Y 371.029
Pb 405.781	0.992868	mg/L	0.000383	0.0	1144.64	0.992868 mg/L	Y 371.029
Sb 206.834	1.09569	mg/L	0.001860	0.2	508.119	1.09569 mg/L	Y 371.029
Sb 231.146	1.10606	mg/L	0.006082	0.5	422.646	1.10606 mg/L	Y 371.029
Sb 259.804	0.828831	mg/L	0.024401	2.9	268.441	0.828831 mg/L	Y 371.029
Se 196.026	0.984884	mg/L	0.026669	2.7	193.193	0.984884 mg/L	Y 371.029
Se 203.985	0.998320	mg/L	0.020264	2.0	120.862	0.998320 mg/L	Y 371.029
Si 250.690	1.06573	mg/L	0.002411	0.2	1170.61	1.06573 mg/L	Y 371.029
Si 251.611	1.07350	mg/L	0.003445	0.3	1281.79	1.07350 mg/L	Y 371.029
Si 288.158	1.03049	mg/L	0.022172	2.2	6877.53	1.03049 mg/L	Y 371.029
Sn 189.927	1.00901	mg/L	0.006929	0.7	212.472	1.00901 mg/L	Y 371.029
Sn 283.998	1.07488	mg/L	0.003429	0.3	1769.77	1.07488 mg/L	Y 371.029
Sr 216.596	1.01217	mg/L	0.003099	0.3	5235.67	1.01217 mg/L	Y 371.029
Sr 407.771	1.00333	mg/L	0.020973	2.1	2531957	1.00333 mg/L	Y 371.029
Sr 421.552	1.02786	mg/L	0.014591	1.4	1724100	1.02786 mg/L	Y 371.029
Ti 334.941	1.00331	mg/L	0.001477	0.1	201788	1.00331 mg/L	Y 371.029
Ti 336.122	1.01356	mg/L	0.002236	0.2	86193.3	1.01356 mg/L	Y 371.029
Ti 337.280	1.02507	mg/L	0.001968	0.2	29473.0	1.02507 mg/L	Y 371.029
Tl 190.794	1.00557	mg/L	0.003001	0.3	261.342	1.00557 mg/L	Y 371.029
Tl 190.807	0.987893	mg/L	0.007252	0.7	129.650	0.987893 mg/L	Y 371.029
Tl 351.923	1.06360	mg/L	0.004065	0.4	1607.66	1.06360 mg/L	Y 371.029
V 268.796	0.928116	mg/L	0.011815	1.3	7782.10	0.928116 mg/L	Y 371.029
V 292.401	0.994047	mg/L	0.010587	1.1	24403.6	0.994047 mg/L	Y 371.029
V 311.837	0.999105	mg/L	0.004128	0.4	34789.8	0.999105 mg/L	Y 371.029
Zn 202.548	0.967882	mg/L	0.005778	0.6	4842.03	0.967882 mg/L	Y 371.029
Zn 206.200	0.983643	mg/L	0.012041	1.2	1638.09	0.983643 mg/L	Y 371.029
Zn 213.857	0.959162	mg/L	0.044253	4.6	12065.5	0.959162 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.581724	6973.10	39.923	0.6
Y 371.029	1.03733	169084	1091.645	0.6

11C1243-01 (Samp) **3/23/2011, 10:07:58 AM** **Rack 3, Tube 23**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001138uv	mg/L	0.000087	7.7	149.941	-0.001138 mg/L	Y 371.029
Ag 338.289	0.001069	mg/L	0.000810	75.8	0.533425	0.001069 mg/L	Y 371.029
Al 237.312	-0.002642	mg/L	0.002853	108.0	44.8214	-0.002642 mg/L	Y 371.029
Al 257.509	-0.010895	mg/L	0.001634	15.0	17.9765	-0.010895 mg/L	Y 371.029
Al 308.215	0.022030	mg/L	0.000897	4.1	1249.16	0.022030 mg/L	Y 371.029
As 188.980	0.010204	mg/L	0.003554	34.8	5.10204	0.010204 mg/L	Y 371.029
As 193.696	0.001442	mg/L	0.000949	65.8	3.30468	0.001442 mg/L	Y 371.029
As 228.812	0.009688	mg/L	0.002483	25.6	12.7551	0.009688 mg/L	Y 371.029
B 182.577	0.269410	mg/L	0.002407	0.9	96.4855	0.269410 mg/L	Y 371.029
B 249.678	0.259404	mg/L	0.000267	0.1	2045.22	0.259404 mg/L	Y 371.029
B 249.772	0.251216	mg/L	0.002815	1.1	3646.08	0.251216 mg/L	Y 371.029
Ba 233.527	0.037712	mg/L	0.000050	0.1	1314.19	0.037712 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.038706	mg/L	0.000177	0.5	39668.2	0.038706 mg/L	Y 371.029
Ba 493.408	0.038672	mg/L	0.000206	0.5	25943.0	0.038672 mg/L	Y 371.029
Be 234.861	0.000126	mg/L	0.000161	128.1	10.3673	0.000126 mg/L	Y 371.029
Be 313.042	0.000043uv	mg/L	0.000120	277.8	477.471	0.000043 mg/L	Y 371.029
Be 313.107	0.000108	mg/L	0.000124	114.4	80.9875	0.000108 mg/L	Y 371.029
Ca 393.366	-o	mg/L	0.013865	0.1	25694006	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.075273	0.4	36919444	- mg/L	Y 371.029
Ca 430.253	39.5108	mg/L	0.026958	0.1	136082	39.5108 mg/L	Y 371.029
Cd 214.439	0.000852	mg/L	0.000182	21.4	10.3653	0.000852 mg/L	Y 371.029
Cd 226.502	0.000465	mg/L	0.000374	80.4	27.3314	0.000465 mg/L	Y 371.029
Cd 228.802	0.000817	mg/L	0.000668	81.7	19.0450	0.000817 mg/L	Y 371.029
Co 228.615	0.001178	mg/L	0.000297	25.2	2.29656	0.001178 mg/L	Y 371.029
Co 230.786	0.000534	mg/L	0.000348	65.2	7.05381	0.000534 mg/L	Y 371.029
Co 238.892	0.000028	mg/L	0.000505	1817.7	3.75696	0.000028 mg/L	Y 371.029
Cr 205.560	0.000696	mg/L	0.000544	78.1	5.04039	0.000696 mg/L	Y 371.029
Cr 206.158	0.001210	mg/L	0.000920	76.0	2.02873	0.001210 mg/L	Y 371.029
Cr 267.716	0.000379	mg/L	0.000248	65.5	25.0449	0.000379 mg/L	Y 371.029
Cu 213.598	0.001759	mg/L	0.000389	22.1	6.55602	0.001759 mg/L	Y 371.029
Cu 324.754	0.002500	mg/L	0.000195	7.8	452.069	0.002500 mg/L	Y 371.029
Cu 327.395	0.002308	mg/L	0.000093	4.0	125.759	0.002308 mg/L	Y 371.029
Fe 234.350	-0.009963	mg/L	0.004165	41.8	47.9337	-0.009963 mg/L	Y 371.029
Fe 238.204	-0.010549	mg/L	0.003906	37.0	96.1290	-0.010549 mg/L	Y 371.029
Fe 259.940	-0.009047uv	mg/L	0.000319	3.5	17.8695	-0.009047 mg/L	Y 371.029
Ga 287.423	0.000236uv	mg/L	0.000854	362.1	6.62775	0.000236 mg/L	Y 371.029
Ga 294.363	0.000692uv	mg/L	0.001177	170.1	10.1602	0.000692 mg/L	Y 371.029
Ga 417.204	-0.000448uv	mg/L	0.000767	171.3	31.6954	-0.000448 mg/L	Y 371.029
K 766.491	12.1497	mg/L	0.006735	0.1	691815	12.1497 mg/L	Y 371.029
K 769.897	12.6668	mg/L	0.012443	0.1	581604	12.6668 mg/L	Y 371.029
Li 610.365	0.022682n	mg/L	0.000217	1.0	756.150	0.022682 mg/L	Y 371.029
Li 670.783	0.035688	mg/L	0.000048	0.1	127544	0.035688 mg/L	Y 371.029
Mg 279.078	49.7624	mg/L	0.009347	0.0	54940.0	49.7624 mg/L	Y 371.029
Mg 280.270	39.7371	mg/L	0.124239	0.3	3085545	39.7371 mg/L	Y 371.029
Mg 285.213	48.8717	mg/L	0.239962	0.5	1368924	48.8717 mg/L	Y 371.029
Mn 257.610	-0.000502n	mg/L	0.000029	5.9	33.7659	-0.000502 mg/L	Y 371.029
Mn 259.372	-0.001768	mg/L	0.000011	0.6	46.6916	-0.001768 mg/L	Y 371.029
Mn 260.568	0.004923	mg/L	0.000311	6.3	171.701	0.004923 mg/L	Y 371.029
Mo 202.032	0.008819	mg/L	0.003341	37.9	86.6614	0.008819 mg/L	Y 371.029
Mo 203.846	0.008190	mg/L	0.003108	37.9	37.8943	0.008190 mg/L	Y 371.029
Mo 204.598	0.008060	mg/L	0.003675	45.6	42.7732	0.008060 mg/L	Y 371.029
Na 568.821	46.4521	mg/L	0.085708	0.2	10988.4	46.4521 mg/L	Y 371.029
Na 588.995	43.3567	mg/L	0.054791	0.1	17477362	43.3567 mg/L	Y 371.029
Na 589.592	50.0763	mg/L	0.075318	0.2	10320675	50.0763 mg/L	Y 371.029
Ni 216.555	0.007238	mg/L	0.000293	4.0	24.0653	0.007238 mg/L	Y 371.029
Ni 221.648	0.006497	mg/L	0.002227	34.3	10.4480	0.006497 mg/L	Y 371.029
Ni 231.604	0.011031	mg/L	0.000605	5.5	30.1861	0.011031 mg/L	Y 371.029
P 177.434	0.009687	mg/L	0.006158	63.6	2.73050	0.009687 mg/L	Y 371.029
P 213.618	-0.002188	mg/L	0.001256	57.4	4.28722	-0.002188 mg/L	Y 371.029
P 214.914	0.013161	mg/L	0.010290	78.2	3.70610	0.013161 mg/L	Y 371.029
Pb 220.353	0.005108	mg/L	0.001706	33.4	4.75331	0.005108 mg/L	Y 371.029
Pb 261.417	-0.002638uv	mg/L	0.003525	133.6	2.83811	-0.002638 mg/L	Y 371.029
Pb 405.781	0.043811	mg/L	0.005782	13.2	108.933	0.043811 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.008309uv	mg/L	0.001305	15.7	5.74109	-0.008309 mg/L	Y 371.029
Sb 231.146	-0.008834uv	mg/L	0.002505	28.4	3.63287	-0.008834 mg/L	Y 371.029
Sb 259.804	0.004293uv	mg/L	0.007459	173.8	4.22805	0.004293 mg/L	Y 371.029
Se 196.026	0.022789	mg/L	0.009036	39.6	6.87085	0.022789 mg/L	Y 371.029
Se 203.985	0.016555	mg/L	0.003492	21.1	2.38215	0.016555 mg/L	Y 371.029
Si 250.690	11.0484	mg/L	0.114243	1.0	11584.1	11.0484 mg/L	Y 371.029
Si 251.611	11.3108	mg/L	0.096975	0.9	12777.7	11.3108 mg/L	Y 371.029
Si 288.158	11.1987	mg/L	0.143477	1.3	66784.0	11.1987 mg/L	Y 371.029
Sn 189.927	0.004453	mg/L	0.005828	130.9	3.23296	0.004453 mg/L	Y 371.029
Sn 283.998	0.002880	mg/L	0.002161	75.0	13.7730	0.002880 mg/L	Y 371.029
Sr 216.596	1.23135	mg/L	0.006776	0.6	6436.46	1.23135 mg/L	Y 371.029
Sr 407.771	1.25727	mg/L	0.007855	0.6	3206083	1.25727 mg/L	Y 371.029
Sr 421.552	1.27607	mg/L	0.011717	0.9	2162911	1.27607 mg/L	Y 371.029
Ti 334.941	0.001362	mg/L	0.000486	35.7	344.331	0.001362 mg/L	Y 371.029
Ti 336.122	0.001097	mg/L	0.000413	37.6	121.562	0.001097 mg/L	Y 371.029
Ti 337.280	0.001208	mg/L	0.000589	48.7	39.8789	0.001208 mg/L	Y 371.029
Tl 190.794	0.002006	mg/L	0.002832	141.2	2.86313	0.002006 mg/L	Y 371.029
Tl 190.807	0.003873	mg/L	0.000643	16.6	1.49990	0.003873 mg/L	Y 371.029
Tl 351.923	0.004040uv	mg/L	0.003577	88.5	13.3034	0.004040 mg/L	Y 371.029
V 268.796	0.005888	mg/L	0.000118	2.0	96.8697	0.005888 mg/L	Y 371.029
V 292.401	0.007150	mg/L	0.000494	6.9	190.593	0.007150 mg/L	Y 371.029
V 311.837	0.007077	mg/L	0.000171	2.4	224.695	0.007077 mg/L	Y 371.029
Zn 202.548	0.003651	mg/L	0.001718	47.1	370.222	0.003651 mg/L	Y 371.029
Zn 206.200	0.011564	mg/L	0.001838	15.9	136.131	0.011564 mg/L	Y 371.029
Zn 213.857	0.008669	mg/L	0.000595	6.9	997.319	0.008669 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.576297	6908.06	29.156	0.4
Y 371.029	1.02371	166863	475.054	0.3

1113049-DUP1 (Samp) **3/23/2011, 10:12:07 AM** **Rack 3, Tube 24**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001020uv	mg/L	0.000299	29.3	154.332	-0.001020 mg/L	Y 371.029
Ag 338.289	0.000793	mg/L	0.000525	66.1	-0.199683	0.000793 mg/L	Y 371.029
Al 237.312	-0.003881	mg/L	0.000968	24.9	43.3184	-0.003881 mg/L	Y 371.029
Al 257.509	-0.010927uv	mg/L	0.005524	50.6	17.8666	-0.010927 mg/L	Y 371.029
Al 308.215	0.019940	mg/L	0.001663	8.3	1237.97	0.019940 mg/L	Y 371.029
As 188.980	0.002738uv	mg/L	0.002522	92.1	3.40362	0.002738 mg/L	Y 371.029
As 193.696	0.001260uv	mg/L	0.002209	175.3	3.24861	0.001260 mg/L	Y 371.029
As 228.812	0.007337	mg/L	0.000559	7.6	9.78561	0.007337 mg/L	Y 371.029
B 182.577	0.261378	mg/L	0.002520	1.0	93.7011	0.261378 mg/L	Y 371.029
B 249.678	0.254277	mg/L	0.000661	0.3	2005.25	0.254277 mg/L	Y 371.029
B 249.772	0.246519	mg/L	0.001461	0.6	3578.54	0.246519 mg/L	Y 371.029
Ba 233.527	0.037078	mg/L	0.000321	0.9	1294.65	0.037078 mg/L	Y 371.029
Ba 455.403	0.038074	mg/L	0.000485	1.3	39093.5	0.038074 mg/L	Y 371.029
Ba 493.408	0.038071	mg/L	0.000520	1.4	25585.6	0.038071 mg/L	Y 371.029
Be 234.861	0.000027	mg/L	0.000007	25.1	1.33674	0.000027 mg/L	Y 371.029
Be 313.042	-0.000036uv	mg/L	0.000006	17.8	372.898	-0.000036 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000032	mg/L	0.000008	26.3	30.1156	0.000032 mg/L	Y 371.029
Ca 393.366	19.8995	mg/L	0.211843	1.1	25501210	19.8995 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.193964	1.1	36851908	- mg/L	Y 371.029
Ca 430.253	38.9763	mg/L	0.433497	1.1	134248	38.9763 mg/L	Y 371.029
Cd 214.439	0.000505	mg/L	0.000034	6.8	6.60318	0.000505 mg/L	Y 371.029
Cd 226.502	0.000290	mg/L	0.000085	29.4	23.0674	0.000290 mg/L	Y 371.029
Cd 228.802	0.000421	mg/L	0.000166	39.3	14.7595	0.000421 mg/L	Y 371.029
Co 228.615	0.001333	mg/L	0.000364	27.3	3.28281	0.001333 mg/L	Y 371.029
Co 230.786	0.000208uv	mg/L	0.000363	174.5	5.60634	0.000208 mg/L	Y 371.029
Co 238.892	-0.000442uv	mg/L	0.000177	40.0	1.70872	-0.000442 mg/L	Y 371.029
Cr 205.560	-0.000123uv	mg/L	0.000181	147.4	2.59965	-0.000123 mg/L	Y 371.029
Cr 206.158	0.000755	mg/L	0.000164	21.7	1.46487	0.000755 mg/L	Y 371.029
Cr 267.716	0.000194	mg/L	0.000085	43.9	21.9169	0.000194 mg/L	Y 371.029
Cu 213.598	0.001659	mg/L	0.000152	9.2	6.23594	0.001659 mg/L	Y 371.029
Cu 324.754	0.001989	mg/L	0.000167	8.4	437.495	0.001989 mg/L	Y 371.029
Cu 327.395	0.002304	mg/L	0.000120	5.2	125.299	0.002304 mg/L	Y 371.029
Fe 234.350	-0.012796	mg/L	0.000616	4.8	27.5349	-0.012796 mg/L	Y 371.029
Fe 238.204	-0.013431	mg/L	0.000925	6.9	53.3416	-0.013431 mg/L	Y 371.029
Fe 259.940	-0.008774uv	mg/L	0.000202	2.3	19.6782	-0.008774 mg/L	Y 371.029
Ga 287.423	0.000752uv	mg/L	0.001188	157.9	7.56593	0.000752 mg/L	Y 371.029
Ga 294.363	0.001271	mg/L	0.000947	74.5	13.0839	0.001271 mg/L	Y 371.029
Ga 417.204	0.000048uv	mg/L	0.001340	2818.8	35.1086	0.000048 mg/L	Y 371.029
K 766.491	11.9853	mg/L	0.133269	1.1	682471	11.9853 mg/L	Y 371.029
K 769.897	12.5088	mg/L	0.136191	1.1	574415	12.5088 mg/L	Y 371.029
Li 610.365	0.022444n	mg/L	0.000225	1.0	748.194	0.022444 mg/L	Y 371.029
Li 670.783	0.035154	mg/L	0.000445	1.3	126228	0.035154 mg/L	Y 371.029
Mg 279.078	49.1858	mg/L	0.554816	1.1	54303.6	49.1858 mg/L	Y 371.029
Mg 280.270	39.1899	mg/L	0.497118	1.3	3043056	39.1899 mg/L	Y 371.029
Mg 285.213	47.9864	mg/L	0.592854	1.2	1344149	47.9864 mg/L	Y 371.029
Mn 257.610	-0.000555n	mg/L	0.000036	6.4	26.2238	-0.000555 mg/L	Y 371.029
Mn 259.372	-0.001815	mg/L	0.000014	0.8	36.0968	-0.001815 mg/L	Y 371.029
Mn 260.568	0.004855	mg/L	0.000173	3.6	169.574	0.004855 mg/L	Y 371.029
Mo 202.032	-0.005696	mg/L	0.000935	16.4	44.7907	-0.005696 mg/L	Y 371.029
Mo 203.846	-0.006391	mg/L	0.001756	27.5	19.9122	-0.006391 mg/L	Y 371.029
Mo 204.598	-0.006706	mg/L	0.001841	27.5	21.4164	-0.006706 mg/L	Y 371.029
Na 568.821	45.7258	mg/L	0.538656	1.2	10815.0	45.7258 mg/L	Y 371.029
Na 588.995	42.9232	mg/L	0.409081	1.0	17304734	42.9232 mg/L	Y 371.029
Na 589.592	49.5416	mg/L	0.481838	1.0	10212084	49.5416 mg/L	Y 371.029
Ni 216.555	0.006038	mg/L	0.000193	3.2	20.0845	0.006038 mg/L	Y 371.029
Ni 221.648	0.005249	mg/L	0.001081	20.6	8.78219	0.005249 mg/L	Y 371.029
Ni 231.604	0.011216	mg/L	0.000271	2.4	30.5810	0.011216 mg/L	Y 371.029
P 177.434	0.013501	mg/L	0.003474	25.7	3.13864	0.013501 mg/L	Y 371.029
P 213.618	-0.003394uv	mg/L	0.005105	150.4	3.75215	-0.003394 mg/L	Y 371.029
P 214.914	0.008949	mg/L	0.006119	68.4	3.21841	0.008949 mg/L	Y 371.029
Pb 220.353	0.002993	mg/L	0.000645	21.5	3.22435	0.002993 mg/L	Y 371.029
Pb 261.417	0.001149uv	mg/L	0.006031	524.8	4.37033	0.001149 mg/L	Y 371.029
Pb 405.781	0.040135	mg/L	0.003573	8.9	104.702	0.040135 mg/L	Y 371.029
Sb 206.834	-0.012197uv	mg/L	0.001981	16.2	3.92096	-0.012197 mg/L	Y 371.029
Sb 231.146	-0.013543uv	mg/L	0.001486	11.0	1.84262	-0.013543 mg/L	Y 371.029
Sb 259.804	0.005563	mg/L	0.005978	107.5	4.62837	0.005563 mg/L	Y 371.029
Se 196.026	0.008819	mg/L	0.003081	34.9	4.16710	0.008819 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.012958	mg/L	0.004253	32.8	1.97872	0.012958 mg/L	Y 371.029
Si 250.690	10.8850	mg/L	0.006760	0.1	11413.5	10.8850 mg/L	Y 371.029
Si 251.611	11.1156	mg/L	0.023109	0.2	12557.9	11.1156 mg/L	Y 371.029
Si 288.158	11.0296	mg/L	0.175727	1.6	65788.5	11.0296 mg/L	Y 371.029
Sn 189.927	-0.002881uv	mg/L	0.003807	132.1	1.70156	-0.002881 mg/L	Y 371.029
Sn 283.998	0.000415	mg/L	0.002919	702.9	10.4594	0.000415 mg/L	Y 371.029
Sr 216.596	1.21380	mg/L	0.022583	1.9	6345.24	1.21380 mg/L	Y 371.029
Sr 407.771	1.23368	mg/L	0.011542	0.9	3146455	1.23368 mg/L	Y 371.029
Sr 421.552	1.25707	mg/L	0.013307	1.1	2130906	1.25707 mg/L	Y 371.029
Ti 334.941	0.000297	mg/L	0.000244	82.2	130.193	0.000297 mg/L	Y 371.029
Ti 336.122	0.000275	mg/L	0.000075	27.3	51.6388	0.000275 mg/L	Y 371.029
Ti 337.280	0.000282	mg/L	0.000324	115.0	13.1312	0.000282 mg/L	Y 371.029
Tl 190.794	-0.002830uv	mg/L	0.002115	74.7	1.61606	-0.002830 mg/L	Y 371.029
Tl 190.807	0.003307uv	mg/L	0.005729	173.3	1.41559	0.003307 mg/L	Y 371.029
Tl 351.923	0.004984	mg/L	0.002162	43.4	14.7380	0.004984 mg/L	Y 371.029
V 268.796	0.005146	mg/L	0.000281	5.5	81.8455	0.005146 mg/L	Y 371.029
V 292.401	0.006896	mg/L	0.000169	2.4	184.325	0.006896 mg/L	Y 371.029
V 311.837	0.006722	mg/L	0.000125	1.9	212.338	0.006722 mg/L	Y 371.029
Zn 202.548	0.000497	mg/L	0.002866	576.7	355.146	0.000497 mg/L	Y 371.029
Zn 206.200	0.009184	mg/L	0.000738	8.0	132.272	0.009184 mg/L	Y 371.029
Zn 213.857	0.007177	mg/L	0.000644	9.0	978.676	0.007177 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.576708	6912.98	39.911	0.6
Y 371.029	1.02422	166947	1300.615	0.8

1113049-MS1 (Samp) **3/23/2011, 10:16:10 AM** **Rack 3, Tube 25**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.540455	mg/L	0.000652	0.1	23806.4	0.540455 mg/L	Y 371.029
Ag 338.289	0.524895	mg/L	0.001070	0.2	1408.93	0.524895 mg/L	Y 371.029
Al 237.312	5.05610	mg/L	0.006757	0.1	5642.54	5.05610 mg/L	Y 371.029
Al 257.509	5.05857	mg/L	0.010568	0.2	2539.08	5.05857 mg/L	Y 371.029
Al 308.215	5.35553	mg/L	0.007052	0.1	27936.8	5.35553 mg/L	Y 371.029
As 188.980	1.02121	mg/L	0.003551	0.3	236.254	1.02121 mg/L	Y 371.029
As 193.696	1.01311	mg/L	0.004757	0.5	290.829	1.01311 mg/L	Y 371.029
As 228.812	2.04103	mg/L	0.009664	0.5	3282.36	2.04103 mg/L	Y 371.029
B 182.577	1.25130	mg/L	0.013048	1.0	436.845	1.25130 mg/L	Y 371.029
B 249.678	1.29083	mg/L	0.007617	0.6	10076.9	1.29083 mg/L	Y 371.029
B 249.772	1.25386	mg/L	0.007402	0.6	18108.2	1.25386 mg/L	Y 371.029
Ba 233.527	1.04494	mg/L	0.002669	0.3	32013.6	1.04494 mg/L	Y 371.029
Ba 455.403	1.03633	mg/L	0.002824	0.3	938341	1.03633 mg/L	Y 371.029
Ba 493.408	1.04500	mg/L	0.002540	0.2	617891	1.04500 mg/L	Y 371.029
Be 234.861	1.04165	mg/L	0.003817	0.4	94586.9	1.04165 mg/L	Y 371.029
Be 313.042	1.03421	mg/L	0.004321	0.4	1374919	1.03421 mg/L	Y 371.029
Be 313.107	1.04089	mg/L	0.004171	0.4	691707	1.04089 mg/L	Y 371.029
Ca 393.366	-o	mg/L	0.219723	1.0	28634874	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.086299	0.5	37314832	- mg/L	Y 371.029
Ca 430.253	50.0909	mg/L	0.035888	0.1	172412	50.0909 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.941590	mg/L	0.005653	0.6	10230.8	0.941590 mg/L	Y 371.029
Cd 226.502	0.984207	mg/L	0.003112	0.3	23857.4	0.984207 mg/L	Y 371.029
Cd 228.802	0.990837	mg/L	0.002801	0.3	10724.7	0.990837 mg/L	Y 371.029
Co 228.615	0.991248	mg/L	0.001700	0.2	6185.84	0.991248 mg/L	Y 371.029
Co 230.786	0.983088	mg/L	0.001484	0.2	4359.92	0.983088 mg/L	Y 371.029
Co 238.892	0.980079	mg/L	0.001836	0.2	4209.58	0.980079 mg/L	Y 371.029
Cr 205.560	0.990173	mg/L	0.006664	0.7	2942.91	0.990173 mg/L	Y 371.029
Cr 206.158	1.00745	mg/L	0.001702	0.2	1243.33	1.00745 mg/L	Y 371.029
Cr 267.716	0.996603	mg/L	0.002856	0.3	16557.0	0.996603 mg/L	Y 371.029
Cu 213.598	0.974902	mg/L	0.004555	0.5	2278.79	0.974902 mg/L	Y 371.029
Cu 324.754	1.01505	mg/L	0.001015	0.1	30323.7	1.01505 mg/L	Y 371.029
Cu 327.395	1.01427	mg/L	0.004180	0.4	40379.5	1.01427 mg/L	Y 371.029
Fe 234.350	4.98682	mg/L	0.015580	0.3	33803.5	4.98682 mg/L	Y 371.029
Fe 238.204	4.96726	mg/L	0.028432	0.6	69110.8	4.96726 mg/L	Y 371.029
Fe 259.940	5.05272	mg/L	0.016543	0.3	62473.4	5.05272 mg/L	Y 371.029
Ga 287.423	1.03646	mg/L	0.001500	0.1	1980.97	1.03646 mg/L	Y 371.029
Ga 294.363	1.01008	mg/L	0.000856	0.1	5168.05	1.01008 mg/L	Y 371.029
Ga 417.204	1.01486	mg/L	0.002567	0.3	7987.21	1.01486 mg/L	Y 371.029
K 766.491	21.5629	mg/L	0.042761	0.2	1226431	21.5629 mg/L	Y 371.029
K 769.897	23.3335	mg/L	0.044577	0.2	1066432	23.3335 mg/L	Y 371.029
Li 610.365	1.13063n	mg/L	0.003125	0.3	37841.3	1.13063 mg/L	Y 371.029
Li 670.783	1.13220	mg/L	0.001157	0.1	2764424	1.13220 mg/L	Y 371.029
Mg 279.078	60.1575	mg/L	0.169677	0.3	66419.7	60.1575 mg/L	Y 371.029
Mg 280.270	45.7178	mg/L	0.271211	0.6	3549908	45.7178 mg/L	Y 371.029
Mg 285.213	57.4520	mg/L	0.243525	0.4	1609507	57.4520 mg/L	Y 371.029
Mn 257.610	0.961657n	mg/L	0.006720	0.7	111221	0.961657 mg/L	Y 371.029
Mn 259.372	0.973401	mg/L	0.008031	0.8	85940.1	0.973401 mg/L	Y 371.029
Mn 260.568	1.01089	mg/L	0.006374	0.6	15390.2	1.01089 mg/L	Y 371.029
Mo 202.032	0.954172	mg/L	0.019332	2.0	2773.05	0.954172 mg/L	Y 371.029
Mo 203.846	0.966715	mg/L	0.021703	2.2	1202.15	0.966715 mg/L	Y 371.029
Mo 204.598	0.949597	mg/L	0.021543	2.3	1383.70	0.949597 mg/L	Y 371.029
Na 568.821	56.3621	mg/L	0.228999	0.4	13343.2	56.3621 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.137293	0.3	20841970	- mg/L	Y 371.029
Na 589.592	60.1568	mg/L	0.102383	0.2	12369117	60.1568 mg/L	Y 371.029
Ni 216.555	0.975117	mg/L	0.004353	0.4	3239.31	0.975117 mg/L	Y 371.029
Ni 221.648	0.977936	mg/L	0.002150	0.2	1304.36	0.977936 mg/L	Y 371.029
Ni 231.604	1.00131	mg/L	0.005775	0.6	2334.39	1.00131 mg/L	Y 371.029
P 177.434	1.03983	mg/L	0.005200	0.5	112.470	1.03983 mg/L	Y 371.029
P 213.618	1.02573	mg/L	0.003599	0.4	440.211	1.02573 mg/L	Y 371.029
P 214.914	1.00352	mg/L	0.011288	1.1	117.593	1.00352 mg/L	Y 371.029
Pb 220.353	0.960319	mg/L	0.003666	0.4	692.472	0.960319 mg/L	Y 371.029
Pb 261.417	0.744630	mg/L	0.010916	1.5	310.937	0.744630 mg/L	Y 371.029
Pb 405.781	1.03314	mg/L	0.006025	0.6	1202.26	1.03314 mg/L	Y 371.029
Sb 206.834	1.09873	mg/L	0.002970	0.3	514.009	1.09873 mg/L	Y 371.029
Sb 231.146	1.11353	mg/L	0.003554	0.3	426.930	1.11353 mg/L	Y 371.029
Sb 259.804	0.825844	mg/L	0.014351	1.7	268.204	0.825844 mg/L	Y 371.029
Se 196.026	1.00900	mg/L	0.023339	2.3	197.963	1.00900 mg/L	Y 371.029
Se 203.985	1.03092	mg/L	0.025151	2.4	123.977	1.03092 mg/L	Y 371.029
Si 250.690	12.1327	mg/L	0.010545	0.1	12729.9	12.1327 mg/L	Y 371.029
Si 251.611	12.4194	mg/L	0.015107	0.1	14049.8	12.4194 mg/L	Y 371.029
Si 288.158	12.0816	mg/L	0.086275	0.7	71991.5	12.0816 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	1.00759	mg/L	0.002729	0.3	212.443	1.00759 mg/L	Y 371.029
Sn 283.998	1.07276	mg/L	0.001965	0.2	1775.38	1.07276 mg/L	Y 371.029
Sr 216.596	2.21678	mg/L	0.008579	0.4	11522.4	2.21678 mg/L	Y 371.029
Sr 407.771	2.10040	mg/L	0.024836	1.2	5330828	2.10040 mg/L	Y 371.029
Sr 421.552	2.29805	mg/L	0.013521	0.6	3873352	2.29805 mg/L	Y 371.029
Ti 334.941	1.00251	mg/L	0.003486	0.3	201647	1.00251 mg/L	Y 371.029
Ti 336.122	1.01317	mg/L	0.003674	0.4	86163.5	1.01317 mg/L	Y 371.029
Ti 337.280	1.02574	mg/L	0.001396	0.1	29501.6	1.02574 mg/L	Y 371.029
Tl 190.794	0.987725	mg/L	0.005377	0.5	257.017	0.987725 mg/L	Y 371.029
Tl 190.807	0.964450	mg/L	0.009579	1.0	126.497	0.964450 mg/L	Y 371.029
Tl 351.923	1.08553	mg/L	0.000374	0.0	1639.38	1.08553 mg/L	Y 371.029
V 268.796	0.930775	mg/L	0.003607	0.4	7844.32	0.930775 mg/L	Y 371.029
V 292.401	1.01056	mg/L	0.002038	0.2	24811.1	1.01056 mg/L	Y 371.029
V 311.837	1.00813	mg/L	0.001018	0.1	35103.6	1.00813 mg/L	Y 371.029
Zn 202.548	0.941764	mg/L	0.008586	0.9	4753.05	0.941764 mg/L	Y 371.029
Zn 206.200	0.986495	mg/L	0.009015	0.9	1654.53	0.986495 mg/L	Y 371.029
Zn 213.857	0.989840	mg/L	0.007168	0.7	12513.0	0.989840 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.572991	6868.42	17.347	0.3
Y 371.029	1.02252	166669	718.910	0.4

1113049-MSD1 (Samp) **3/23/2011, 10:20:23 AM** **Rack 3, Tube 26**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.543269	mg/L	0.000594	0.1	23930.5	0.543269 mg/L	Y 371.029
Ag 338.289	0.529249	mg/L	0.001984	0.4	1420.66	0.529249 mg/L	Y 371.029
Al 237.312	5.09749	mg/L	0.013587	0.3	5688.56	5.09749 mg/L	Y 371.029
Al 257.509	5.07152	mg/L	0.017609	0.3	2545.68	5.07152 mg/L	Y 371.029
Al 308.215	5.39020	mg/L	0.009317	0.2	28112.3	5.39020 mg/L	Y 371.029
As 188.980	1.03461	mg/L	0.008418	0.8	239.308	1.03461 mg/L	Y 371.029
As 193.696	1.02898	mg/L	0.006752	0.7	295.344	1.02898 mg/L	Y 371.029
As 228.812	2.13654	mg/L	0.014044	0.7	3394.15	2.13654 mg/L	Y 371.029
B 182.577	1.26750	mg/L	0.004585	0.4	442.462	1.26750 mg/L	Y 371.029
B 249.678	1.30406	mg/L	0.007439	0.6	10180.0	1.30406 mg/L	Y 371.029
B 249.772	1.27000	mg/L	0.008062	0.6	18340.3	1.27000 mg/L	Y 371.029
Ba 233.527	1.05247	mg/L	0.003314	0.3	32243.5	1.05247 mg/L	Y 371.029
Ba 455.403	1.04063	mg/L	0.001923	0.2	942223	1.04063 mg/L	Y 371.029
Ba 493.408	1.04810	mg/L	0.003003	0.3	619723	1.04810 mg/L	Y 371.029
Be 234.861	1.04679	mg/L	0.003552	0.3	95053.5	1.04679 mg/L	Y 371.029
Be 313.042	1.04196	mg/L	0.005505	0.5	1385221	1.04196 mg/L	Y 371.029
Be 313.107	1.04828	mg/L	0.004796	0.5	696621	1.04828 mg/L	Y 371.029
Ca 393.366	-o	mg/L	0.759518	3.3	29906258	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.205961	1.2	37880076	- mg/L	Y 371.029
Ca 430.253	50.9204	mg/L	0.093510	0.2	175259	50.9204 mg/L	Y 371.029
Cd 214.439	0.955783	mg/L	0.007716	0.8	10385.0	0.955783 mg/L	Y 371.029
Cd 226.502	0.991096	mg/L	0.003238	0.3	24024.3	0.991096 mg/L	Y 371.029
Cd 228.802	0.996465	mg/L	0.002526	0.3	10785.5	0.996465 mg/L	Y 371.029
Co 228.615	1.00276	mg/L	0.003832	0.4	6257.53	1.00276 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.993596	mg/L	0.004044	0.4	4406.43	0.993596 mg/L	Y 371.029
Co 238.892	0.986519	mg/L	0.002437	0.2	4237.31	0.986519 mg/L	Y 371.029
Cr 205.560	0.997369	mg/L	0.002371	0.2	2964.30	0.997369 mg/L	Y 371.029
Cr 206.158	1.01076	mg/L	0.005226	0.5	1247.43	1.01076 mg/L	Y 371.029
Cr 267.716	1.00395	mg/L	0.002766	0.3	16679.0	1.00395 mg/L	Y 371.029
Cu 213.598	0.982966	mg/L	0.001577	0.2	2297.76	0.982966 mg/L	Y 371.029
Cu 324.754	1.01529	mg/L	0.008505	0.8	30329.8	1.01529 mg/L	Y 371.029
Cu 327.395	1.02466	mg/L	0.007850	0.8	40792.9	1.02466 mg/L	Y 371.029
Fe 234.350	5.00245	mg/L	0.006966	0.1	33912.1	5.00245 mg/L	Y 371.029
Fe 238.204	4.97553	mg/L	0.026430	0.5	69232.3	4.97553 mg/L	Y 371.029
Fe 259.940	5.08504	mg/L	0.020342	0.4	62874.9	5.08504 mg/L	Y 371.029
Ga 287.423	1.04184	mg/L	0.001974	0.2	1991.17	1.04184 mg/L	Y 371.029
Ga 294.363	1.01459	mg/L	0.001953	0.2	5191.13	1.01459 mg/L	Y 371.029
Ga 417.204	1.01840	mg/L	0.001539	0.2	8015.65	1.01840 mg/L	Y 371.029
K 766.491	21.7998	mg/L	0.029712	0.1	1239897	21.7998 mg/L	Y 371.029
K 769.897	23.6052	mg/L	0.033245	0.1	1078793	23.6052 mg/L	Y 371.029
Li 610.365	1.13866n	mg/L	0.002769	0.2	38110.0	1.13866 mg/L	Y 371.029
Li 670.783	1.13477	mg/L	0.000581	0.1	2770668	1.13477 mg/L	Y 371.029
Mg 279.078	61.2675	mg/L	0.188709	0.3	67645.6	61.2675 mg/L	Y 371.029
Mg 280.270	46.4262	mg/L	0.128993	0.3	3604905	46.4262 mg/L	Y 371.029
Mg 285.213	58.6430	mg/L	0.223241	0.4	1642874	58.6430 mg/L	Y 371.029
Mn 257.610	0.977485n	mg/L	0.005342	0.5	113044	0.977485 mg/L	Y 371.029
Mn 259.372	0.988665	mg/L	0.003681	0.4	87288.3	0.988665 mg/L	Y 371.029
Mn 260.568	1.02098	mg/L	0.003446	0.3	15544.7	1.02098 mg/L	Y 371.029
Mo 202.032	0.994622	mg/L	0.020427	2.1	2888.38	0.994622 mg/L	Y 371.029
Mo 203.846	1.00460	mg/L	0.027690	2.8	1248.36	1.00460 mg/L	Y 371.029
Mo 204.598	0.989852	mg/L	0.022024	2.2	1441.24	0.989852 mg/L	Y 371.029
Na 568.821	57.2074	mg/L	0.223455	0.4	13545.2	57.2074 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.135040	0.3	20814468	- mg/L	Y 371.029
Na 589.592	60.4904	mg/L	0.086165	0.1	12436900	60.4904 mg/L	Y 371.029
Ni 216.555	0.982880	mg/L	0.003632	0.4	3265.07	0.982880 mg/L	Y 371.029
Ni 221.648	0.985417	mg/L	0.001729	0.2	1314.32	0.985417 mg/L	Y 371.029
Ni 231.604	1.01088	mg/L	0.002994	0.3	2356.69	1.01088 mg/L	Y 371.029
P 177.434	1.06282	mg/L	0.004498	0.4	114.916	1.06282 mg/L	Y 371.029
P 213.618	1.02943	mg/L	0.007786	0.8	441.835	1.02943 mg/L	Y 371.029
P 214.914	1.02174	mg/L	0.004640	0.5	119.692	1.02174 mg/L	Y 371.029
Pb 220.353	0.971215	mg/L	0.008597	0.9	700.327	0.971215 mg/L	Y 371.029
Pb 261.417	0.755768	mg/L	0.007604	1.0	315.565	0.755768 mg/L	Y 371.029
Pb 405.781	1.04914	mg/L	0.002084	0.2	1220.25	1.04914 mg/L	Y 371.029
Sb 206.834	1.10656	mg/L	0.004058	0.4	517.709	1.10656 mg/L	Y 371.029
Sb 231.146	1.13185	mg/L	0.013209	1.2	433.890	1.13185 mg/L	Y 371.029
Sb 259.804	0.857648	mg/L	0.022559	2.6	278.323	0.857648 mg/L	Y 371.029
Se 196.026	1.02797	mg/L	0.013897	1.4	201.641	1.02797 mg/L	Y 371.029
Se 203.985	1.03667	mg/L	0.015964	1.5	124.634	1.03667 mg/L	Y 371.029
Si 250.690	12.3671	mg/L	0.014085	0.1	12974.9	12.3671 mg/L	Y 371.029
Si 251.611	12.6418	mg/L	0.026587	0.2	14300.8	12.6418 mg/L	Y 371.029
Si 288.158	12.4126	mg/L	0.131259	1.1	73941.7	12.4126 mg/L	Y 371.029
Sn 189.927	1.02044	mg/L	0.017021	1.7	215.126	1.02044 mg/L	Y 371.029
Sn 283.998	1.08594	mg/L	0.005128	0.5	1793.20	1.08594 mg/L	Y 371.029
Sr 216.596	2.24994	mg/L	0.021168	0.9	11695.5	2.24994 mg/L	Y 371.029
Sr 407.771	2.12266	mg/L	0.011913	0.6	5388007	2.12266 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	2.31506	mg/L	0.021235	0.9	3902624	2.31506 mg/L	Y 371.029
Ti 334.941	1.01438	mg/L	0.005062	0.5	204032	1.01438 mg/L	Y 371.029
Ti 336.122	1.02354	mg/L	0.004465	0.4	87044.5	1.02354 mg/L	Y 371.029
Ti 337.280	1.03181	mg/L	0.001208	0.1	29676.3	1.03181 mg/L	Y 371.029
Tl 190.794	0.995162	mg/L	0.006423	0.6	258.937	0.995162 mg/L	Y 371.029
Tl 190.807	0.977952	mg/L	0.011531	1.2	128.273	0.977952 mg/L	Y 371.029
Tl 351.923	1.08754	mg/L	0.003682	0.3	1642.42	1.08754 mg/L	Y 371.029
V 268.796	0.936416	mg/L	0.004126	0.4	7911.40	0.936416 mg/L	Y 371.029
V 292.401	1.01733	mg/L	0.002275	0.2	24977.4	1.01733 mg/L	Y 371.029
V 311.837	1.01460	mg/L	0.002307	0.2	35329.2	1.01460 mg/L	Y 371.029
Zn 202.548	0.952888	mg/L	0.002292	0.2	4805.52	0.952888 mg/L	Y 371.029
Zn 206.200	1.00132	mg/L	0.011993	1.2	1677.82	1.00132 mg/L	Y 371.029
Zn 213.857	1.01003	mg/L	0.001570	0.2	12750.8	1.01003 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.571367	6848.95	29.900	0.4
Y 371.029	1.01483	165415	714.980	0.4

1113049-SRD1 (Samp) **3/23/2011, 10:24:23 AM** **Rack 3, Tube 27**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000342	mg/L	0.000222	65.0	173.054	0.001709 mg/L	Y 371.029
Ag 338.289	0.001482	mg/L	0.000544	36.7	1.75459	0.007408 mg/L	Y 371.029
Al 237.312	0.001617	mg/L	0.001740	107.6	41.8602	0.008084 mg/L	Y 371.029
Al 257.509	0.001769	mg/L	0.002547	144.0	18.8780	0.008846 mg/L	Y 371.029
Al 308.215	0.005372	mg/L	0.001856	34.5	1183.58	0.026860 mg/L	Y 371.029
As 188.980	0.008401	mg/L	0.002213	26.3	5.21904	0.042003 mg/L	Y 371.029
As 193.696	0.004636	mg/L	0.002705	58.3	4.00882	0.023182 mg/L	Y 371.029
As 228.812	0.005028	mg/L	0.000551	11.0	9.98586	0.025139 mg/L	Y 371.029
B 182.577	0.063645	mg/L	0.002761	4.3	24.9952	0.318223 mg/L	Y 371.029
B 249.678	0.060338	mg/L	0.001696	2.8	488.560	0.301691 mg/L	Y 371.029
B 249.772	0.059076	mg/L	0.001984	3.4	880.455	0.295379 mg/L	Y 371.029
Ba 233.527	0.007561	mg/L	0.000159	2.1	379.241	0.037806 mg/L	Y 371.029
Ba 455.403	0.007372	mg/L	0.000025	0.3	11061.9	0.036861 mg/L	Y 371.029
Ba 493.408	0.007415	mg/L	0.000042	0.6	7281.36	0.037077 mg/L	Y 371.029
Be 234.861	0.000042	mg/L	0.000034	81.2	1.93399	0.000208 mg/L	Y 371.029
Be 313.042	-0.000002uv	mg/L	0.000045	1889.6	413.780	-0.000012 mg/L	Y 371.029
Be 313.107	0.000070	mg/L	0.000042	59.9	48.9550	0.000349 mg/L	Y 371.029
Ca 393.366	5.86749	mg/L	0.010561	0.2	7528774	29.3375 mg/L	Y 371.029
Ca 396.847	6.45237	mg/L	0.004642	0.1	13673661	32.2619 mg/L	Y 371.029
Ca 430.253	7.46149	mg/L	0.024886	0.3	26094.1	37.3074 mg/L	Y 371.029
Cd 214.439	0.000665	mg/L	0.000185	27.9	8.43048	0.003324 mg/L	Y 371.029
Cd 226.502	0.000349	mg/L	0.000012	3.6	23.1712	0.001744 mg/L	Y 371.029
Cd 228.802	0.000621	mg/L	0.000156	25.0	17.2255	0.003104 mg/L	Y 371.029
Co 228.615	0.000837	mg/L	0.000195	23.3	1.65018	0.004184 mg/L	Y 371.029
Co 230.786	-0.000152uv	mg/L	0.000317	209.1	4.34512	-0.000758 mg/L	Y 371.029
Co 238.892	0.000135	mg/L	0.000174	128.4	2.41094	0.000677 mg/L	Y 371.029
Cr 205.560	0.000503	mg/L	0.000061	12.1	3.79990	0.002516 mg/L	Y 371.029
Cr 206.158	0.001013	mg/L	0.000527	52.0	1.70513	0.005067 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.000188	mg/L	0.000052	27.7	18.6409	0.000940 mg/L	Y 371.029
Cu 213.598	0.000646	mg/L	0.000182	28.2	2.07962	0.003230 mg/L	Y 371.029
Cu 324.754	-0.001832uv	mg/L	0.000149	8.1	356.064	-0.009159 mg/L	Y 371.029
Cu 327.395	0.000862	mg/L	0.000138	16.0	48.4478	0.004308 mg/L	Y 371.029
Fe 234.350	0.002460	mg/L	0.001030	41.9	49.0261	0.012301 mg/L	Y 371.029
Fe 238.204	0.002917	mg/L	0.000913	31.3	96.0518	0.014585 mg/L	Y 371.029
Fe 259.940	0.000306	mg/L	0.001148	374.7	45.6991	0.001532 mg/L	Y 371.029
Ga 287.423	0.001108uv	mg/L	0.002679	241.8	8.17084	0.005539 mg/L	Y 371.029
Ga 294.363	0.000411	mg/L	0.000255	61.9	8.41238	0.002055 mg/L	Y 371.029
Ga 417.204	-0.000945uv	mg/L	0.000707	74.8	31.3119	-0.004726 mg/L	Y 371.029
K 766.491	2.40691	mg/L	0.000512	0.0	138281	12.0345 mg/L	Y 371.029
K 769.897	2.39993	mg/L	0.001474	0.1	114722	11.9996 mg/L	Y 371.029
Li 610.365	0.004009n	mg/L	0.000518	12.9	131.109	0.020043 mg/L	Y 371.029
Li 670.783	0.007222	mg/L	0.000086	1.2	56968.5	0.036111 mg/L	Y 371.029
Mg 279.078	9.62006	mg/L	0.039084	0.4	10630.8	48.1003 mg/L	Y 371.029
Mg 280.270	9.25846	mg/L	0.070988	0.8	719085	46.2923 mg/L	Y 371.029
Mg 285.213	10.1876	mg/L	0.126363	1.2	285404	50.9380 mg/L	Y 371.029
Mn 257.610	0.000179n	mg/L	0.000027	14.8	18.2148	0.000893 mg/L	Y 371.029
Mn 259.372	-0.000156	mg/L	0.000035	22.3	38.5183	-0.000779 mg/L	Y 371.029
Mn 260.568	0.001441	mg/L	0.000195	13.5	42.2764	0.007205 mg/L	Y 371.029
Mo 202.032	0.032444	mg/L	0.005300	16.3	108.195	0.162220 mg/L	Y 371.029
Mo 203.846	0.032310	mg/L	0.004909	15.2	47.1974	0.161551 mg/L	Y 371.029
Mo 204.598	0.032196	mg/L	0.005125	15.9	52.8987	0.160980 mg/L	Y 371.029
Na 568.821	8.85395	mg/L	0.024188	0.3	2006.64	44.2698 mg/L	Y 371.029
Na 588.995	9.63234	mg/L	0.004712	0.0	4048635	48.1617 mg/L	Y 371.029
Na 589.592	10.0157	mg/L	0.014192	0.1	2184451	50.0785 mg/L	Y 371.029
Ni 216.555	0.002245	mg/L	0.000256	11.4	7.19118	0.011226 mg/L	Y 371.029
Ni 221.648	0.000209uv	mg/L	0.000593	284.2	1.69539	0.001044 mg/L	Y 371.029
Ni 231.604	0.002985	mg/L	0.000576	19.3	9.24030	0.014924 mg/L	Y 371.029
P 177.434	0.007759	mg/L	0.002758	35.6	2.61145	0.038794 mg/L	Y 371.029
P 213.618	-0.002713uv	mg/L	0.001012	37.3	2.77446	-0.013567 mg/L	Y 371.029
P 214.914	0.006550	mg/L	0.007112	108.6	2.80313	0.032751 mg/L	Y 371.029
Pb 220.353	0.005525	mg/L	0.001219	22.1	4.66529	0.027624 mg/L	Y 371.029
Pb 261.417	0.008906	mg/L	0.002972	33.4	6.29611	0.044532 mg/L	Y 371.029
Pb 405.781	0.004580	mg/L	0.006346	138.5	55.0697	0.022901 mg/L	Y 371.029
Sb 206.834	-0.003168uv	mg/L	0.000908	28.7	4.46134	-0.015842 mg/L	Y 371.029
Sb 231.146	-0.006748uv	mg/L	0.000536	7.9	3.27028	-0.033740 mg/L	Y 371.029
Sb 259.804	0.008058uv	mg/L	0.014425	179.0	4.85523	0.040290 mg/L	Y 371.029
Se 196.026	0.021355	mg/L	0.001178	5.5	6.50920	0.106777 mg/L	Y 371.029
Se 203.985	0.026081	mg/L	0.009995	38.3	3.98044	0.130404 mg/L	Y 371.029
Si 250.690	2.17392	mg/L	0.009887	0.5	2314.77	10.8696 mg/L	Y 371.029
Si 251.611	2.21788	mg/L	0.004269	0.2	2545.54	11.0894 mg/L	Y 371.029
Si 288.158	2.15900	mg/L	0.039628	1.8	13522.3	10.7950 mg/L	Y 371.029
Sn 189.927	0.005624	mg/L	0.001578	28.1	3.26282	0.028119 mg/L	Y 371.029
Sn 283.998	0.004148	mg/L	0.001099	26.5	10.4613	0.020739 mg/L	Y 371.029
Sr 216.596	0.249809	mg/L	0.002887	1.2	1314.71	1.24905 mg/L	Y 371.029
Sr 407.771	0.247526	mg/L	0.003870	1.6	635834	1.23763 mg/L	Y 371.029
Sr 421.552	0.257023	mg/L	0.001241	0.5	438453	1.28511 mg/L	Y 371.029
Ti 334.941	0.002323	mg/L	0.000662	28.5	523.024	0.011616 mg/L	Y 371.029
Ti 336.122	0.002107	mg/L	0.000670	31.8	204.855	0.010534 mg/L	Y 371.029
Ti 337.280	0.002671	mg/L	0.000657	24.6	74.4715	0.013355 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.001505	mg/L	0.000520	34.6	2.52448	0.007527 mg/L	Y 371.029
Tl 190.807	0.002112uv	mg/L	0.006720	318.2	1.38523	0.010561 mg/L	Y 371.029
Tl 351.923	0.001458	mg/L	0.002075	142.3	10.3677	0.007290 mg/L	Y 371.029
V 268.796	0.002861	mg/L	0.000544	19.0	59.4538	0.014307 mg/L	Y 371.029
V 292.401	0.001617	mg/L	0.000195	12.1	52.6584	0.008085 mg/L	Y 371.029
V 311.837	0.001719	mg/L	0.000140	8.1	38.5048	0.008595 mg/L	Y 371.029
Zn 202.548	0.000626	mg/L	0.001541	246.1	330.227	0.003132 mg/L	Y 371.029
Zn 206.200	0.003781	mg/L	0.000281	7.4	114.413	0.018906 mg/L	Y 371.029
Zn 213.857	0.002084	mg/L	0.000601	28.8	848.027	0.010421 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.578293	6931.98	41.338	0.6
Y 371.029	1.01717	165797	1391.141	0.8

11C1244-01 (Samp) **3/23/2011, 10:30:03 AM** **Rack 3, Tube 28**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.003392uvb	mg/L	0.000090	2.7	144.791	-0.003392 mg/L	Y 371.029
Ag 338.289	0.000454b	mg/L	0.000113	24.8	-1.03690	0.000454 mg/L	Y 371.029
Al 237.312	0.040310b	mg/L	0.003610	9.0	97.8725	0.040310 mg/L	Y 371.029
Al 257.509	0.016074b	mg/L	0.002216	13.8	41.1115	0.016074 mg/L	Y 371.029
Al 308.215	0.078228b	mg/L	0.002604	3.3	1484.26	0.078228 mg/L	Y 371.029
As 188.980	0.011985b	mg/L	0.003822	31.9	4.58602	0.011985 mg/L	Y 371.029
As 193.696	-0.001050uvb	mg/L	0.003464	329.7	3.04596	-0.001050 mg/L	Y 371.029
As 228.812	0.009430b	mg/L	0.001516	16.1	8.39807	0.009430 mg/L	Y 371.029
B 182.577	0.436732b	mg/L	0.007319	1.7	154.738	0.436732 mg/L	Y 371.029
B 249.678	0.393260b	mg/L	0.000963	0.2	3101.74	0.393260 mg/L	Y 371.029
B 249.772	0.384367b	mg/L	0.001402	0.4	5572.40	0.384367 mg/L	Y 371.029
Ba 233.527	0.034798b	mg/L	0.000249	0.7	1239.14	0.034798 mg/L	Y 371.029
Ba 455.403	0.035575b	mg/L	0.000610	1.7	37063.1	0.035575 mg/L	Y 371.029
Ba 493.408	0.035578b	mg/L	0.000610	1.7	24303.3	0.035578 mg/L	Y 371.029
Be 234.861	0.000025b	mg/L	0.000012	46.7	1.30194	0.000025 mg/L	Y 371.029
Be 313.042	-0.000009uvb	mg/L	0.000009	94.9	388.289	-0.000009 mg/L	Y 371.029
Be 313.107	0.000044b	mg/L	0.000009	20.2	40.6759	0.000044 mg/L	Y 371.029
Ca 393.366	-ob	mg/L	0.550693	2.0	35350764	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.171692	1.0	37718868	- mg/L	Y 371.029
Ca 430.253	95.1440b	mg/L	1.50810	1.6	326969	95.1440 mg/L	Y 371.029
Cd 214.439	0.000584b	mg/L	0.000106	18.1	7.51588	0.000584 mg/L	Y 371.029
Cd 226.502	0.000282b	mg/L	0.000098	34.6	24.8969	0.000282 mg/L	Y 371.029
Cd 228.802	0.000648b	mg/L	0.000174	26.9	16.9281	0.000648 mg/L	Y 371.029
Co 228.615	0.001607b	mg/L	0.000152	9.5	1.82989	0.001607 mg/L	Y 371.029
Co 230.786	0.000051uvb	mg/L	0.000364	713.5	3.40651	0.000051 mg/L	Y 371.029
Co 238.892	-0.000757b	mg/L	0.000271	35.8	2.49141	-0.000757 mg/L	Y 371.029
Cr 205.560	-0.000409uvb	mg/L	0.000308	75.4	2.94448	-0.000409 mg/L	Y 371.029
Cr 206.158	-0.000219uvb	mg/L	0.000293	133.7	0.768866	-0.000219 mg/L	Y 371.029
Cr 267.716	-0.000291b	mg/L	0.000165	56.7	18.6752	-0.000291 mg/L	Y 371.029
Cu 213.598	-0.000958b	mg/L	0.000296	30.9	2.91985	-0.000958 mg/L	Y 371.029
Cu 324.754	0.001679uvb	mg/L	0.000356	21.2	366.936	0.001679 mg/L	Y 371.029
Cu 327.395	-0.000263b	mg/L	0.000015	5.6	36.7360	-0.000263 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.034855b	mg/L	0.000406	1.2	392.717	0.034855 mg/L	Y 371.029
Fe 238.204	0.032320b	mg/L	0.000341	1.1	802.804	0.032320 mg/L	Y 371.029
Fe 259.940	0.029416b	mg/L	0.000795	2.7	597.183	0.029416 mg/L	Y 371.029
Ga 287.423	-0.000138b	mg/L	0.000516	374.9	8.18972	-0.000138 mg/L	Y 371.029
Ga 294.363	-0.000043b	mg/L	0.000385	898.7	8.32726	-0.000043 mg/L	Y 371.029
Ga 417.204	-0.000405uvb	mg/L	0.000918	226.7	31.5178	-0.000405 mg/L	Y 371.029
K 766.491	9.46396b	mg/L	0.121028	1.3	540080	9.46396 mg/L	Y 371.029
K 769.897	10.0624b	mg/L	0.130192	1.3	464411	10.0624 mg/L	Y 371.029
Li 610.365	0.017657n	mg/L	0.000549	3.1	587.941	0.017657 mg/L	Y 371.029
Li 670.783	0.031782b	mg/L	0.000495	1.6	119390	0.031782 mg/L	Y 371.029
Mg 279.078	43.5225b	mg/L	0.630092	1.4	48228.4	43.5225 mg/L	Y 371.029
Mg 280.270	35.8125b	mg/L	0.542608	1.5	2780824	35.8125 mg/L	Y 371.029
Mg 285.213	43.9336b	mg/L	0.605125	1.4	1235021	43.9336 mg/L	Y 371.029
Mn 257.610	0.000366nb	mg/L	0.000026	7.0	294.050	0.000366 mg/L	Y 371.029
Mn 259.372	0.000197b	mg/L	0.000033	16.9	249.685	0.000197 mg/L	Y 371.029
Mn 260.568	0.006682b	mg/L	0.000130	1.9	189.172	0.006682 mg/L	Y 371.029
Mo 202.032	-0.051199b	mg/L	0.001686	3.3	33.2512	-0.051199 mg/L	Y 371.029
Mo 203.846	-0.053890b	mg/L	0.001170	2.2	14.4530	-0.053890 mg/L	Y 371.029
Mo 204.598	-0.054017b	mg/L	0.001047	1.9	15.9028	-0.054017 mg/L	Y 371.029
Na 568.821	139.873b	mg/L	2.14335	1.5	33283.0	139.873 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.162937	0.2	29182126	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	3.36806	2.8	24464646	- mg/L	Y 371.029
Ni 216.555	0.001268b	mg/L	0.000488	38.5	4.17529	0.001268 mg/L	Y 371.029
Ni 221.648	0.000053b	mg/L	0.000572	1082.8	2.23486	0.000053 mg/L	Y 371.029
Ni 231.604	0.004261b	mg/L	0.000860	20.2	13.8471	0.004261 mg/L	Y 371.029
P 177.434	0.020318b	mg/L	0.001127	5.5	3.61346	0.020318 mg/L	Y 371.029
P 213.618	-0.006893uvb	mg/L	0.002301	33.4	4.65484	-0.006893 mg/L	Y 371.029
P 214.914	0.013715b	mg/L	0.004015	29.3	3.67592	0.013715 mg/L	Y 371.029
Pb 220.353	0.002037b	mg/L	0.001184	58.1	2.94276	0.002037 mg/L	Y 371.029
Pb 261.417	-0.015888uvb	mg/L	0.004328	27.2	3.15074	-0.015888 mg/L	Y 371.029
Pb 405.781	0.027507b	mg/L	0.009964	36.2	103.952	0.027507 mg/L	Y 371.029
Sb 206.834	-0.027644uvb	mg/L	0.001859	6.7	3.62678	-0.027644 mg/L	Y 371.029
Sb 231.146	-0.014386uvb	mg/L	0.002313	16.1	2.12097	-0.014386 mg/L	Y 371.029
Sb 259.804	-0.000767b	mg/L	0.003690	481.0	4.44126	-0.000767 mg/L	Y 371.029
Se 196.026	0.015953b	mg/L	0.005159	32.3	5.68731	0.015953 mg/L	Y 371.029
Se 203.985	0.016174uvb	mg/L	0.007932	49.0	1.63499	0.016174 mg/L	Y 371.029
Si 250.690	1.80074b	mg/L	0.017856	1.0	1974.73	1.80074 mg/L	Y 371.029
Si 251.611	1.84199b	mg/L	0.017676	1.0	2175.94	1.84199 mg/L	Y 371.029
Si 288.158	1.79019b	mg/L	0.046339	2.6	11550.7	1.79019 mg/L	Y 371.029
Sn 189.927	-0.007549uvb	mg/L	0.003057	40.5	1.04072	-0.007549 mg/L	Y 371.029
Sn 283.998	-0.003907b	mg/L	0.000939	24.0	10.0004	-0.003907 mg/L	Y 371.029
Sr 216.596	1.50077b	mg/L	0.025223	1.7	7961.57	1.50077 mg/L	Y 371.029
Sr 407.771	1.54126b	mg/L	0.037097	2.4	3986250	1.54126 mg/L	Y 371.029
Sr 421.552	1.56562b	mg/L	0.029410	1.9	2691203	1.56562 mg/L	Y 371.029
Ti 334.941	0.001170b	mg/L	0.000138	11.8	312.033	0.001170 mg/L	Y 371.029
Ti 336.122	0.000958b	mg/L	0.000073	7.6	110.378	0.000958 mg/L	Y 371.029
Ti 337.280	0.001268b	mg/L	0.000506	39.9	49.9186	0.001268 mg/L	Y 371.029
Tl 190.794	-0.005671uvb	mg/L	0.001912	33.7	1.36280	-0.005671 mg/L	Y 371.029
Tl 190.807	0.004041uvb	mg/L	0.005716	141.4	1.63660	0.004041 mg/L	Y 371.029
Tl 351.923	0.007660b	mg/L	0.002277	29.7	16.6076	0.007660 mg/L	Y 371.029
V 268.796	-0.004671b	mg/L	0.000303	6.5	46.1216	-0.004671 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.002109b	mg/L	0.000036	1.7	70.4585	0.002109 mg/L	Y 371.029
V 311.837	0.002106b	mg/L	0.000052	2.5	55.8389	0.002106 mg/L	Y 371.029
Zn 202.548	-0.016963uvb	mg/L	0.000822	4.8	312.289	-0.016963 mg/L	Y 371.029
Zn 206.200	-0.011418b	mg/L	0.000376	3.3	112.861	-0.011418 mg/L	Y 371.029
Zn 213.857	-0.012354b	mg/L	0.000636	5.2	844.831	-0.012354 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.568363	6812.95	86.077	1.3
Y 371.029	1.01154	164880	1818.353	1.1

11C1245-01 (Samp) **3/23/2011, 10:34:17 AM** **Rack 3, Tube 29**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001030	mg/L	0.000374	36.3	165.918	-0.001030 mg/L	Y 371.029
Ag 338.289	0.000727	mg/L	0.000385	52.9	-0.427357	0.000727 mg/L	Y 371.029
Al 237.312	0.945959	mg/L	0.004758	0.5	1090.14	0.945959 mg/L	Y 371.029
Al 257.509	0.939743	mg/L	0.028296	3.0	491.216	0.939743 mg/L	Y 371.029
Al 308.215	0.993872	mg/L	0.005944	0.6	6097.21	0.993872 mg/L	Y 371.029
As 188.980	0.008703	mg/L	0.000766	8.8	4.94998	0.008703 mg/L	Y 371.029
As 193.696	0.000137uv	mg/L	0.002008	1466.5	2.86856	0.000137 mg/L	Y 371.029
As 228.812	0.008044	mg/L	0.001424	17.7	11.2713	0.008044 mg/L	Y 371.029
B 182.577	0.427707	mg/L	0.006292	1.5	151.494	0.427707 mg/L	Y 371.029
B 249.678	0.451086	mg/L	0.002223	0.5	3539.87	0.451086 mg/L	Y 371.029
B 249.772	0.439942	mg/L	0.002960	0.7	6377.59	0.439942 mg/L	Y 371.029
Ba 233.527	0.106785	mg/L	0.001090	1.0	3418.71	0.106785 mg/L	Y 371.029
Ba 455.403	0.106666	mg/L	0.000589	0.6	100879	0.106666 mg/L	Y 371.029
Ba 493.408	0.109276	mg/L	0.000623	0.6	67452.9	0.109276 mg/L	Y 371.029
Be 234.861	0.000288	mg/L	0.000399	138.9	24.4689	0.000288 mg/L	Y 371.029
Be 313.042	0.000095uv	mg/L	0.000196	205.7	535.429	0.000095 mg/L	Y 371.029
Be 313.107	0.000132	mg/L	0.000182	137.9	92.5841	0.000132 mg/L	Y 371.029
Ca 393.366	-o	mg/L	0.297835	1.2	32979072	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.185465	1.0	38053440	- mg/L	Y 371.029
Ca 430.253	67.5711	mg/L	0.225828	0.3	232242	67.5711 mg/L	Y 371.029
Cd 214.439	0.000482	mg/L	0.000035	7.3	6.49300	0.000482 mg/L	Y 371.029
Cd 226.502	0.000260	mg/L	0.000127	48.8	23.8086	0.000260 mg/L	Y 371.029
Cd 228.802	0.000529	mg/L	0.000145	27.4	16.0052	0.000529 mg/L	Y 371.029
Co 228.615	0.001222	mg/L	0.000447	36.6	5.12986	0.001222 mg/L	Y 371.029
Co 230.786	0.000588	mg/L	0.000483	82.2	9.03609	0.000588 mg/L	Y 371.029
Co 238.892	0.000269uv	mg/L	0.000164	60.9	0.966496	0.000269 mg/L	Y 371.029
Cr 205.560	0.012774	mg/L	0.000125	1.0	42.1174	0.012774 mg/L	Y 371.029
Cr 206.158	0.013974	mg/L	0.000468	3.4	18.2125	0.013974 mg/L	Y 371.029
Cr 267.716	0.013175	mg/L	0.000206	1.6	243.279	0.013175 mg/L	Y 371.029
Cu 213.598	0.001847	mg/L	0.000924	50.0	6.97118	0.001847 mg/L	Y 371.029
Cu 324.754	0.000942uv	mg/L	0.000448	47.5	406.292	0.000942 mg/L	Y 371.029
Cu 327.395	0.001510	mg/L	0.000310	20.6	92.7958	0.001510 mg/L	Y 371.029
Fe 234.350	1.38444	mg/L	0.023624	1.7	9395.81	1.38444 mg/L	Y 371.029
Fe 238.204	1.37627	mg/L	0.013920	1.0	19186.6	1.37627 mg/L	Y 371.029
Fe 259.940	1.40448	mg/L	0.023446	1.7	17402.8	1.40448 mg/L	Y 371.029
Ga 287.423	0.006035	mg/L	0.001384	22.9	25.8793	0.006035 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.001429	mg/L	0.000430	30.1	12.5636	0.001429 mg/L	Y 371.029
Ga 417.204	-0.000399	mg/L	0.000783	195.9	49.2266	-0.000399 mg/L	Y 371.029
K 766.491	4.64139	mg/L	0.019573	0.4	265651	4.64139 mg/L	Y 371.029
K 769.897	4.68211	mg/L	0.015910	0.3	218859	4.68211 mg/L	Y 371.029
Li 610.365	0.079461n	mg/L	0.000326	0.4	2656.64	0.079461 mg/L	Y 371.029
Li 670.783	0.103116	mg/L	0.000327	0.3	288447	0.103116 mg/L	Y 371.029
Mg 279.078	17.0433	mg/L	0.066639	0.4	18990.6	17.0433 mg/L	Y 371.029
Mg 280.270	15.8690	mg/L	0.198811	1.3	1232350	15.8690 mg/L	Y 371.029
Mg 285.213	18.1080	mg/L	0.197292	1.1	511383	18.1080 mg/L	Y 371.029
Mn 257.610	0.030565n	mg/L	0.000420	1.4	3884.81	0.030565 mg/L	Y 371.029
Mn 259.372	0.033175	mg/L	0.000480	1.4	3120.65	0.033175 mg/L	Y 371.029
Mn 260.568	0.035953	mg/L	0.001361	3.8	584.092	0.035953 mg/L	Y 371.029
Mo 202.032	-0.013735	mg/L	0.000722	5.3	20.5375	-0.013735 mg/L	Y 371.029
Mo 203.846	-0.015273	mg/L	0.001449	9.5	8.68602	-0.015273 mg/L	Y 371.029
Mo 204.598	-0.015389	mg/L	0.000390	2.5	7.84713	-0.015389 mg/L	Y 371.029
Na 568.821	39.6098	mg/L	0.061002	0.2	9371.16	39.6098 mg/L	Y 371.029
Na 588.995	37.8873	mg/L	0.179850	0.5	15300651	37.8873 mg/L	Y 371.029
Na 589.592	42.4056	mg/L	0.183013	0.4	8763140	42.4056 mg/L	Y 371.029
Ni 216.555	0.003660	mg/L	0.001711	46.7	14.4362	0.003660 mg/L	Y 371.029
Ni 221.648	0.003002	mg/L	0.001285	42.8	6.51365	0.003002 mg/L	Y 371.029
Ni 231.604	0.005591	mg/L	0.000279	5.0	17.5027	0.005591 mg/L	Y 371.029
P 177.434	0.041079	mg/L	0.005047	12.3	6.07612	0.041079 mg/L	Y 371.029
P 213.618	0.034450	mg/L	0.001315	3.8	19.5705	0.034450 mg/L	Y 371.029
P 214.914	0.053464	mg/L	0.005414	10.1	8.22204	0.053464 mg/L	Y 371.029
Pb 220.353	0.007273	mg/L	0.001811	24.9	6.24558	0.007273 mg/L	Y 371.029
Pb 261.417	-0.000131	mg/L	0.002815	2143.0	3.72597	-0.000131 mg/L	Y 371.029
Pb 405.781	0.014245	mg/L	0.005244	36.8	76.3416	0.014245 mg/L	Y 371.029
Sb 206.834	-0.015876uv	mg/L	0.002233	14.1	4.69213	-0.015876 mg/L	Y 371.029
Sb 231.146	-0.016525uv	mg/L	0.003549	21.5	2.51160	-0.016525 mg/L	Y 371.029
Sb 259.804	-0.012172uv	mg/L	0.006148	50.5	2.61493	-0.012172 mg/L	Y 371.029
Se 196.026	0.011395	mg/L	0.002807	24.6	4.98357	0.011395 mg/L	Y 371.029
Se 203.985	0.006326	mg/L	0.000563	8.9	1.28656	0.006326 mg/L	Y 371.029
Si 250.690	12.8181	mg/L	0.042077	0.3	13442.2	12.8181 mg/L	Y 371.029
Si 251.611	13.1176	mg/L	0.058714	0.4	14819.9	13.1176 mg/L	Y 371.029
Si 288.158	12.8496	mg/L	0.201443	1.6	76574.4	12.8496 mg/L	Y 371.029
Sn 189.927	-0.000713uv	mg/L	0.002284	320.3	2.16554	-0.000713 mg/L	Y 371.029
Sn 283.998	-0.002018	mg/L	0.000870	43.1	12.5157	-0.002018 mg/L	Y 371.029
Sr 216.596	0.484760	mg/L	0.006908	1.4	2683.31	0.484760 mg/L	Y 371.029
Sr 407.771	0.486235	mg/L	0.008354	1.7	1311956	0.486235 mg/L	Y 371.029
Sr 421.552	0.496402	mg/L	0.008678	1.7	889478	0.496402 mg/L	Y 371.029
Ti 334.941	0.049457	mg/L	0.001707	3.5	10026.5	0.049457 mg/L	Y 371.029
Ti 336.122	0.049607	mg/L	0.001843	3.7	4247.28	0.049607 mg/L	Y 371.029
Ti 337.280	0.049803	mg/L	0.001926	3.9	1438.20	0.049803 mg/L	Y 371.029
Tl 190.794	0.000479uv	mg/L	0.003828	799.1	2.29578	0.000479 mg/L	Y 371.029
Tl 190.807	-0.000152uv	mg/L	0.002853	1870.8	0.947265	-0.000152 mg/L	Y 371.029
Tl 351.923	0.000799uv	mg/L	0.002445	306.0	9.99879	0.000799 mg/L	Y 371.029
V 268.796	0.005916	mg/L	0.000127	2.2	81.1470	0.005916 mg/L	Y 371.029
V 292.401	0.007870	mg/L	0.000345	4.4	214.200	0.007870 mg/L	Y 371.029
V 311.837	0.007266	mg/L	0.000500	6.9	240.700	0.007266 mg/L	Y 371.029
Zn 202.548	0.042000	mg/L	0.000883	2.1	542.817	0.042000 mg/L	Y 371.029
Zn 206.200	0.049015	mg/L	0.000839	1.7	191.659	0.049015 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.048377	mg/L	0.000492	1.0	1440.97	0.048377 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.571450	6849.95	51.227	0.7
Y 371.029	1.00971	164581	1681.877	1.0

11C1246-01 (Samp) **3/23/2011, 10:38:24 AM** **Rack 3, Tube 30**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000546	mg/L	0.000248	45.4	171.568	-0.000546 mg/L	Y 371.029
Ag 338.289	0.001605	mg/L	0.001105	68.9	2.01681	0.001605 mg/L	Y 371.029
Al 237.312	0.000333	mg/L	0.001468	440.4	42.9332	0.000333 mg/L	Y 371.029
Al 257.509	-0.009594uv	mg/L	0.006468	67.4	18.0870	-0.009594 mg/L	Y 371.029
Al 308.215	0.004056	mg/L	0.000426	10.5	1183.35	0.004056 mg/L	Y 371.029
As 188.980	0.004681uv	mg/L	0.003726	79.6	4.36730	0.004681 mg/L	Y 371.029
As 193.696	0.000312uv	mg/L	0.005269	1691.2	2.73756	0.000312 mg/L	Y 371.029
As 228.812	0.003943	mg/L	0.001194	30.3	8.15395	0.003943 mg/L	Y 371.029
B 182.577	0.031565	mg/L	0.000495	1.6	14.4066	0.031565 mg/L	Y 371.029
B 249.678	0.030366	mg/L	0.000931	3.1	266.279	0.030366 mg/L	Y 371.029
B 249.772	0.030208	mg/L	0.000607	2.0	479.570	0.030208 mg/L	Y 371.029
Ba 233.527	0.039413	mg/L	0.000188	0.5	1365.47	0.039413 mg/L	Y 371.029
Ba 455.403	0.039897	mg/L	0.000058	0.1	40779.2	0.039897 mg/L	Y 371.029
Ba 493.408	0.039849	mg/L	0.000071	0.2	26621.9	0.039849 mg/L	Y 371.029
Be 234.861	0.000031	mg/L	0.000016	50.7	0.491626	0.000031 mg/L	Y 371.029
Be 313.042	-0.000033uv	mg/L	0.000007	20.0	365.246	-0.000033 mg/L	Y 371.029
Be 313.107	0.000044	mg/L	0.000008	18.7	32.8880	0.000044 mg/L	Y 371.029
Ca 393.366	-o	mg/L	0.233595	0.9	34784976	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.091446	0.5	37651180	- mg/L	Y 371.029
Ca 430.253	80.3401	mg/L	0.016396	0.0	275933	80.3401 mg/L	Y 371.029
Cd 214.439	0.000661	mg/L	0.000220	33.3	8.42448	0.000661 mg/L	Y 371.029
Cd 226.502	0.000241	mg/L	0.000061	25.3	22.2052	0.000241 mg/L	Y 371.029
Cd 228.802	0.000637	mg/L	0.000107	16.7	17.3562	0.000637 mg/L	Y 371.029
Co 228.615	0.000830	mg/L	0.000078	9.4	0.983146	0.000830 mg/L	Y 371.029
Co 230.786	-0.000322uv	mg/L	0.000187	58.0	3.98995	-0.000322 mg/L	Y 371.029
Co 238.892	-0.000187uv	mg/L	0.000032	16.9	1.15563	-0.000187 mg/L	Y 371.029
Cr 205.560	-0.000048uv	mg/L	0.000323	672.9	3.06543	-0.000048 mg/L	Y 371.029
Cr 206.158	0.002061	mg/L	0.000752	36.5	3.06500	0.002061 mg/L	Y 371.029
Cr 267.716	0.000056	mg/L	0.000095	169.6	19.7222	0.000056 mg/L	Y 371.029
Cu 213.598	0.007044	mg/L	0.000575	8.2	17.0845	0.007044 mg/L	Y 371.029
Cu 324.754	0.005920	mg/L	0.000360	6.1	561.288	0.005920 mg/L	Y 371.029
Cu 327.395	0.007353	mg/L	0.000184	2.5	311.397	0.007353 mg/L	Y 371.029
Fe 234.350	-0.002875	mg/L	0.000196	6.8	31.3760	-0.002875 mg/L	Y 371.029
Fe 238.204	-0.002753	mg/L	0.000516	18.7	62.7514	-0.002753 mg/L	Y 371.029
Fe 259.940	-0.004812uv	mg/L	0.000553	11.5	23.9752	-0.004812 mg/L	Y 371.029
Ga 287.423	-0.000054uv	mg/L	0.001376	2527.5	6.21122	-0.000054 mg/L	Y 371.029
Ga 294.363	0.001489uv	mg/L	0.000966	64.9	10.3009	0.001489 mg/L	Y 371.029
Ga 417.204	0.000156uv	mg/L	0.000806	517.3	30.9903	0.000156 mg/L	Y 371.029
K 766.491	3.63769	mg/L	0.001726	0.0	208586	3.63769 mg/L	Y 371.029
K 769.897	3.65957	mg/L	0.001823	0.0	172080	3.65957 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.004949n	mg/L	0.000208	4.2	162.569	0.004949 mg/L	Y 371.029
Li 670.783	0.011438	mg/L	0.000037	0.3	67290.8	0.011438 mg/L	Y 371.029
Mg 279.078	6.25620	mg/L	0.014225	0.2	7151.28	6.25620 mg/L	Y 371.029
Mg 280.270	6.40471	mg/L	0.005024	0.1	497623	6.40471 mg/L	Y 371.029
Mg 285.213	6.65837	mg/L	0.035155	0.5	192441	6.65837 mg/L	Y 371.029
Mn 257.610	0.003001n	mg/L	0.000019	0.6	568.005	0.003001 mg/L	Y 371.029
Mn 259.372	0.004514	mg/L	0.000062	1.4	445.994	0.004514 mg/L	Y 371.029
Mn 260.568	0.005626	mg/L	0.000095	1.7	100.970	0.005626 mg/L	Y 371.029
Mo 202.032	-0.000663	mg/L	0.000785	118.3	20.6157	-0.000663 mg/L	Y 371.029
Mo 203.846	-0.000434	mg/L	0.000721	166.0	10.2012	-0.000434 mg/L	Y 371.029
Mo 204.598	-0.001158	mg/L	0.000229	19.8	8.23547	-0.001158 mg/L	Y 371.029
Na 568.821	7.29185	mg/L	0.098713	1.4	1676.49	7.29185 mg/L	Y 371.029
Na 588.995	8.30046	mg/L	0.215147	2.6	3521532	8.30046 mg/L	Y 371.029
Na 589.592	8.07093	mg/L	0.010324	0.1	1790913	8.07093 mg/L	Y 371.029
Ni 216.555	0.001206	mg/L	0.000362	30.1	4.12913	0.001206 mg/L	Y 371.029
Ni 221.648	0.001190	mg/L	0.001473	123.9	3.07871	0.001190 mg/L	Y 371.029
Ni 231.604	0.001449	mg/L	0.000101	7.0	6.18719	0.001449 mg/L	Y 371.029
P 177.434	0.004930	mg/L	0.004334	87.9	2.28028	0.004930 mg/L	Y 371.029
P 213.618	-0.005882uv	mg/L	0.001466	24.9	1.86674	-0.005882 mg/L	Y 371.029
P 214.914	-0.001012uv	mg/L	0.008881	877.5	2.00180	-0.001012 mg/L	Y 371.029
Pb 220.353	0.004159	mg/L	0.001266	30.5	3.93256	0.004159 mg/L	Y 371.029
Pb 261.417	0.007212	mg/L	0.000331	4.6	4.72107	0.007212 mg/L	Y 371.029
Pb 405.781	0.005847	mg/L	0.004645	79.4	65.1059	0.005847 mg/L	Y 371.029
Sb 206.834	-0.016057uv	mg/L	0.004693	29.2	4.19125	-0.016057 mg/L	Y 371.029
Sb 231.146	-0.018287uv	mg/L	0.000831	4.5	2.85824	-0.018287 mg/L	Y 371.029
Sb 259.804	-0.004731	mg/L	0.006332	133.9	5.46913	-0.004731 mg/L	Y 371.029
Se 196.026	0.009841	mg/L	0.002126	21.6	4.89255	0.009841 mg/L	Y 371.029
Se 203.985	0.010147	mg/L	0.005513	54.3	1.77212	0.010147 mg/L	Y 371.029
Si 250.690	9.76618	mg/L	0.019562	0.2	10265.2	9.76618 mg/L	Y 371.029
Si 251.611	9.99982	mg/L	0.030279	0.3	11322.1	9.99982 mg/L	Y 371.029
Si 288.158	9.93214	mg/L	0.043333	0.4	59443.1	9.93214 mg/L	Y 371.029
Sn 189.927	-0.001995uv	mg/L	0.002883	144.5	1.82632	-0.001995 mg/L	Y 371.029
Sn 283.998	-0.003694uv	mg/L	0.002083	56.4	3.21422	-0.003694 mg/L	Y 371.029
Sr 216.596	0.285638	mg/L	0.001456	0.5	1697.71	0.285638 mg/L	Y 371.029
Sr 407.771	0.287198	mg/L	0.002082	0.7	831003	0.287198 mg/L	Y 371.029
Sr 421.552	0.291920	mg/L	0.001084	0.4	560744	0.291920 mg/L	Y 371.029
Ti 334.941	0.000015	mg/L	0.000111	748.7	77.1711	0.000015 mg/L	Y 371.029
Ti 336.122	-0.000009uv	mg/L	0.000096	1093.8	22.6824	-0.000009 mg/L	Y 371.029
Ti 337.280	0.000343	mg/L	0.000187	54.4	13.2802	0.000343 mg/L	Y 371.029
Tl 190.794	0.002821	mg/L	0.000931	33.0	2.59643	0.002821 mg/L	Y 371.029
Tl 190.807	0.006501	mg/L	0.001555	23.9	1.72320	0.006501 mg/L	Y 371.029
Tl 351.923	0.003509	mg/L	0.002447	69.7	15.9535	0.003509 mg/L	Y 371.029
V 268.796	0.002552	mg/L	0.000166	6.5	40.1826	0.002552 mg/L	Y 371.029
V 292.401	0.002220	mg/L	0.000067	3.0	68.3778	0.002220 mg/L	Y 371.029
V 311.837	0.002246	mg/L	0.000099	4.4	59.2428	0.002246 mg/L	Y 371.029
Zn 202.548	0.534805	mg/L	0.002068	0.4	2817.86	0.534805 mg/L	Y 371.029
Zn 206.200	0.546569	mg/L	0.002827	0.5	959.452	0.546569 mg/L	Y 371.029
Zn 213.857	0.539796	mg/L	0.001293	0.2	7137.11	0.539796 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.576594	6911.61	33.685	0.5
Y 371.029	1.01655	165696	695.426	0.4

SEQ-CCV9 (Samp) **3/23/2011, 10:42:19 AM** **Rack 3, Tube 31**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.096684	mg/L	0.000235	0.2	4376.78	0.096684 mg/L	Y 371.029
Ag 338.289	0.096171	mg/L	0.001335	1.4	254.003	0.096171 mg/L	Y 371.029
Al 237.312	2.35965	mg/L	0.013544	0.6	2650.26	2.35965 mg/L	Y 371.029
Al 257.509	2.37277	mg/L	0.021894	0.9	1196.92	2.37277 mg/L	Y 371.029
Al 308.215	2.45450	mg/L	0.005720	0.2	13483.3	2.45450 mg/L	Y 371.029
As 188.980	0.472965	mg/L	0.004428	0.9	111.591	0.472965 mg/L	Y 371.029
As 193.696	0.476565	mg/L	0.002926	0.6	138.090	0.476565 mg/L	Y 371.029
As 228.812	0.563065	mg/L	0.001722	0.3	877.056	0.563065 mg/L	Y 371.029
B 182.577	0.460624	mg/L	0.007615	1.7	162.539	0.460624 mg/L	Y 371.029
B 249.678	0.486883	mg/L	0.003031	0.6	3806.32	0.486883 mg/L	Y 371.029
B 249.772	0.475039	mg/L	0.003158	0.7	6856.00	0.475039 mg/L	Y 371.029
Ba 233.527	0.482819	mg/L	0.001346	0.3	14860.5	0.482819 mg/L	Y 371.029
Ba 455.403	0.473303	mg/L	0.000899	0.2	430680	0.473303 mg/L	Y 371.029
Ba 493.408	0.488716	mg/L	0.000474	0.1	290321	0.488716 mg/L	Y 371.029
Be 234.861	0.487341	mg/L	0.002750	0.6	44251.9	0.487341 mg/L	Y 371.029
Be 313.042	0.490953	mg/L	0.002578	0.5	652909	0.490953 mg/L	Y 371.029
Be 313.107	0.493341	mg/L	0.002286	0.5	327843	0.493341 mg/L	Y 371.029
Ca 393.366	3.86813	mg/L	0.006168	0.2	4971704	3.86813 mg/L	Y 371.029
Ca 396.847	4.15901	mg/L	0.002703	0.1	8823999	4.15901 mg/L	Y 371.029
Ca 430.253	4.72478	mg/L	0.010934	0.2	16709.3	4.72478 mg/L	Y 371.029
Cd 214.439	0.236672	mg/L	0.003211	1.4	2572.47	0.236672 mg/L	Y 371.029
Cd 226.502	0.242950	mg/L	0.001235	0.5	5899.52	0.242950 mg/L	Y 371.029
Cd 228.802	0.242083	mg/L	0.000750	0.3	2628.91	0.242083 mg/L	Y 371.029
Co 228.615	0.485296	mg/L	0.001773	0.4	3025.44	0.485296 mg/L	Y 371.029
Co 230.786	0.480933	mg/L	0.001117	0.2	2134.88	0.480933 mg/L	Y 371.029
Co 238.892	0.490691	mg/L	0.002016	0.4	2112.38	0.490691 mg/L	Y 371.029
Cr 205.560	0.482422	mg/L	0.002614	0.5	1433.97	0.482422 mg/L	Y 371.029
Cr 206.158	0.481634	mg/L	0.003424	0.7	594.324	0.481634 mg/L	Y 371.029
Cr 267.716	0.481830	mg/L	0.000421	0.1	8007.52	0.481830 mg/L	Y 371.029
Cu 213.598	0.481549	mg/L	0.004443	0.9	1125.00	0.481549 mg/L	Y 371.029
Cu 324.754	0.473853	mg/L	0.000661	0.1	14392.3	0.473853 mg/L	Y 371.029
Cu 327.395	0.468426	mg/L	0.000601	0.1	18632.8	0.468426 mg/L	Y 371.029
Fe 234.350	0.483467	mg/L	0.000114	0.0	3359.86	0.483467 mg/L	Y 371.029
Fe 238.204	0.478995	mg/L	0.002484	0.5	6770.19	0.478995 mg/L	Y 371.029
Fe 259.940	0.485417	mg/L	0.000681	0.1	6106.31	0.485417 mg/L	Y 371.029
Ga 287.423	0.475743	mg/L	0.003310	0.7	902.881	0.475743 mg/L	Y 371.029
Ga 294.363	0.475229	mg/L	0.000697	0.1	2434.85	0.475229 mg/L	Y 371.029
Ga 417.204	0.476478	mg/L	0.001161	0.2	3773.61	0.476478 mg/L	Y 371.029
K 766.491	4.86768	mg/L	0.008911	0.2	277995	4.86768 mg/L	Y 371.029
K 769.897	4.93967	mg/L	0.005803	0.1	230138	4.93967 mg/L	Y 371.029
Li 610.365	1.03916n	mg/L	0.005291	0.5	34779.9	1.03916 mg/L	Y 371.029
Li 670.783	1.01506	mg/L	0.002492	0.2	2479536	1.01506 mg/L	Y 371.029
Mg 279.078	4.91764	mg/L	0.013758	0.3	5442.00	4.91764 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	4.91790	mg/L	0.020721	0.4	382119	4.91790 mg/L	Y 371.029
Mg 285.213	5.09946	mg/L	0.047079	0.9	142993	5.09946 mg/L	Y 371.029
Mn 257.610	0.476861n	mg/L	0.000543	0.1	55041.4	0.476861 mg/L	Y 371.029
Mn 259.372	0.482407	mg/L	0.001062	0.2	42490.6	0.482407 mg/L	Y 371.029
Mn 260.568	0.488539	mg/L	0.000742	0.2	7390.77	0.488539 mg/L	Y 371.029
Mo 202.032	0.998585	mg/L	0.012038	1.2	2835.31	0.998585 mg/L	Y 371.029
Mo 203.846	1.01709	mg/L	0.017184	1.7	1235.05	1.01709 mg/L	Y 371.029
Mo 204.598	0.998790	mg/L	0.014057	1.4	1419.59	0.998790 mg/L	Y 371.029
Na 568.821	4.78621	mg/L	0.055648	1.2	1028.18	4.78621 mg/L	Y 371.029
Na 588.995	5.29401	mg/L	0.000431	0.0	2322048	5.29401 mg/L	Y 371.029
Na 589.592	4.87931	mg/L	0.003132	0.1	1141808	4.87931 mg/L	Y 371.029
Ni 216.555	0.947271	mg/L	0.005759	0.6	3138.72	0.947271 mg/L	Y 371.029
Ni 221.648	0.958820	mg/L	0.004995	0.5	1275.48	0.958820 mg/L	Y 371.029
Ni 231.604	0.968904	mg/L	0.002407	0.2	2251.06	0.968904 mg/L	Y 371.029
P 177.434	0.485281	mg/L	0.006343	1.3	53.4843	0.485281 mg/L	Y 371.029
P 213.618	0.477272	mg/L	0.014277	3.0	206.175	0.477272 mg/L	Y 371.029
P 214.914	0.480472	mg/L	0.014701	3.1	57.5130	0.480472 mg/L	Y 371.029
Pb 220.353	0.939687	mg/L	0.004058	0.4	677.182	0.939687 mg/L	Y 371.029
Pb 261.417	0.950639	mg/L	0.001619	0.2	394.680	0.950639 mg/L	Y 371.029
Pb 405.781	0.961282	mg/L	0.004189	0.4	1109.33	0.961282 mg/L	Y 371.029
Sb 206.834	0.861425	mg/L	0.009213	1.1	398.364	0.861425 mg/L	Y 371.029
Sb 231.146	0.848838	mg/L	0.004705	0.6	325.056	0.848838 mg/L	Y 371.029
Sb 259.804	0.809295	mg/L	0.020125	2.5	259.122	0.809295 mg/L	Y 371.029
Se 196.026	0.947379	mg/L	0.007288	0.8	185.842	0.947379 mg/L	Y 371.029
Se 203.985	0.944611	mg/L	0.029696	3.1	111.733	0.944611 mg/L	Y 371.029
Si 250.690	0.987944	mg/L	0.002785	0.3	1081.01	0.987944 mg/L	Y 371.029
Si 251.611	0.998186	mg/L	0.002533	0.3	1192.46	0.998186 mg/L	Y 371.029
Si 288.158	0.968314	mg/L	0.006671	0.7	6501.95	0.968314 mg/L	Y 371.029
Sn 189.927	0.998057	mg/L	0.005286	0.5	210.062	0.998057 mg/L	Y 371.029
Sn 283.998	0.973353	mg/L	0.005157	0.5	1412.96	0.973353 mg/L	Y 371.029
Sr 216.596	0.467028	mg/L	0.001756	0.4	2421.57	0.467028 mg/L	Y 371.029
Sr 407.771	0.473569	mg/L	0.001903	0.4	1198106	0.473569 mg/L	Y 371.029
Sr 421.552	0.476746	mg/L	0.002261	0.5	801726	0.476746 mg/L	Y 371.029
Ti 334.941	0.481572	mg/L	0.005643	1.2	96870.1	0.481572 mg/L	Y 371.029
Ti 336.122	0.497805	mg/L	0.000808	0.2	42342.0	0.497805 mg/L	Y 371.029
Ti 337.280	0.494025	mg/L	0.002079	0.4	14201.4	0.494025 mg/L	Y 371.029
Tl 190.794	0.477817	mg/L	0.000522	0.1	125.248	0.477817 mg/L	Y 371.029
Tl 190.807	0.470909	mg/L	0.006658	1.4	62.8272	0.470909 mg/L	Y 371.029
Tl 351.923	0.506423	mg/L	0.002845	0.6	770.060	0.506423 mg/L	Y 371.029
V 268.796	0.466754	mg/L	0.001639	0.4	4239.75	0.466754 mg/L	Y 371.029
V 292.401	0.478463	mg/L	0.001516	0.3	11747.5	0.478463 mg/L	Y 371.029
V 311.837	0.482272	mg/L	0.001025	0.2	16777.2	0.482272 mg/L	Y 371.029
Zn 202.548	0.471254	mg/L	0.003354	0.7	2522.02	0.471254 mg/L	Y 371.029
Zn 206.200	0.480070	mg/L	0.005153	1.1	853.974	0.480070 mg/L	Y 371.029
Zn 213.857	0.470101	mg/L	0.001964	0.4	6337.28	0.470101 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.580645	6960.17	44.124	0.6
Y 371.029	1.02304	166753	1668.567	1.0

SEQ-CCB9 (Samp) **3/23/2011, 10:46:23 AM** **Rack 3, Tube 32**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000642	mg/L	0.000080	12.4	176.613	0.000642 mg/L	Y 371.029
Ag 338.289	0.002041	mg/L	0.000952	46.7	3.30333	0.002041 mg/L	Y 371.029
Al 237.312	-0.000976uv	mg/L	0.002160	221.2	37.1679	-0.000976 mg/L	Y 371.029
Al 257.509	0.001938uv	mg/L	0.005094	262.9	17.6988	0.001938 mg/L	Y 371.029
Al 308.215	0.002090	mg/L	0.001117	53.5	1169.45	0.002090 mg/L	Y 371.029
As 188.980	-0.000331uv	mg/L	0.005562	1682.8	3.33868	-0.000331 mg/L	Y 371.029
As 193.696	0.002297	mg/L	0.001315	57.2	3.29985	0.002297 mg/L	Y 371.029
As 228.812	0.003538	mg/L	0.000366	10.3	8.80018	0.003538 mg/L	Y 371.029
B 182.577	0.005394	mg/L	0.000337	6.3	4.76351	0.005394 mg/L	Y 371.029
B 249.678	0.004730	mg/L	0.000840	17.8	54.1120	0.004730 mg/L	Y 371.029
B 249.772	0.004723	mg/L	0.000699	14.8	98.4110	0.004723 mg/L	Y 371.029
Ba 233.527	-0.000138uv	mg/L	0.000095	69.1	140.693	-0.000138 mg/L	Y 371.029
Ba 455.403	-0.000223uv	mg/L	0.000013	5.9	4125.50	-0.000223 mg/L	Y 371.029
Ba 493.408	-0.000169uv	mg/L	0.000003	1.8	2752.31	-0.000169 mg/L	Y 371.029
Be 234.861	0.000027	mg/L	0.000010	37.9	0.468005	0.000027 mg/L	Y 371.029
Be 313.042	-0.000045uv	mg/L	0.000001	2.5	357.243	-0.000045 mg/L	Y 371.029
Be 313.107	0.000035	mg/L	0.000005	13.5	24.4167	0.000035 mg/L	Y 371.029
Ca 393.366	-0.000402uv	mg/L	0.000021	5.3	14304.1	-0.000402 mg/L	Y 371.029
Ca 396.847	-0.000170uv	mg/L	0.000015	8.6	24593.9	-0.000170 mg/L	Y 371.029
Ca 430.253	-0.003188uv	mg/L	0.004006	125.6	477.670	-0.003188 mg/L	Y 371.029
Cd 214.439	0.000500	mg/L	0.000008	1.6	6.66114	0.000500 mg/L	Y 371.029
Cd 226.502	0.000480	mg/L	0.000052	10.9	26.0172	0.000480 mg/L	Y 371.029
Cd 228.802	0.000496	mg/L	0.000122	24.5	15.9460	0.000496 mg/L	Y 371.029
Co 228.615	0.000787	mg/L	0.000175	22.3	1.66075	0.000787 mg/L	Y 371.029
Co 230.786	-0.000336uv	mg/L	0.000442	131.8	3.57348	-0.000336 mg/L	Y 371.029
Co 238.892	0.000201uv	mg/L	0.000224	111.3	2.28906	0.000201 mg/L	Y 371.029
Cr 205.560	-0.000058uv	mg/L	0.000272	469.5	1.96922	-0.000058 mg/L	Y 371.029
Cr 206.158	0.000530	mg/L	0.000298	56.3	1.09487	0.000530 mg/L	Y 371.029
Cr 267.716	-0.000007uv	mg/L	0.000040	591.5	14.6224	-0.000007 mg/L	Y 371.029
Cu 213.598	0.000905	mg/L	0.000549	60.6	2.18720	0.000905 mg/L	Y 371.029
Cu 324.754	-0.002423uv	mg/L	0.000143	5.9	345.887	-0.002423 mg/L	Y 371.029
Cu 327.395	0.000128	mg/L	0.000082	64.4	14.6021	0.000128 mg/L	Y 371.029
Fe 234.350	0.000090uv	mg/L	0.000325	361.9	13.5381	0.000090 mg/L	Y 371.029
Fe 238.204	0.001126	mg/L	0.000301	26.7	27.1816	0.001126 mg/L	Y 371.029
Fe 259.940	0.001106	mg/L	0.000439	39.7	35.0240	0.001106 mg/L	Y 371.029
Ga 287.423	0.000711uv	mg/L	0.001195	168.0	7.41475	0.000711 mg/L	Y 371.029
Ga 294.363	0.001313uv	mg/L	0.001238	94.3	12.9944	0.001313 mg/L	Y 371.029
Ga 417.204	0.000694	mg/L	0.000274	39.5	43.7717	0.000694 mg/L	Y 371.029
K 766.491	-0.000838uv	mg/L	0.000107	12.8	1491.09	-0.000838 mg/L	Y 371.029
K 769.897	-0.000676uv	mg/L	0.000388	57.4	5561.86	-0.000676 mg/L	Y 371.029
Li 610.365	0.001110n	mg/L	0.000235	21.2	34.0792	0.001110 mg/L	Y 371.029
Li 670.783	-0.000251uv	mg/L	0.000011	4.5	38501.0	-0.000251 mg/L	Y 371.029
Mg 279.078	-0.001948uv	mg/L	0.003005	154.2	8.61790	-0.001948 mg/L	Y 371.029
Mg 280.270	0.000034	mg/L	0.000030	87.6	229.931	0.000034 mg/L	Y 371.029
Mg 285.213	-0.000232uv	mg/L	0.000039	16.7	73.2661	-0.000232 mg/L	Y 371.029
Mn 257.610	0.000267n	mg/L	0.000006	2.2	3.64622	0.000267 mg/L	Y 371.029
Mn 259.372	0.000163	mg/L	0.000032	19.6	25.4457	0.000163 mg/L	Y 371.029
Mn 260.568	0.000161	mg/L	0.000022	13.9	4.53233	0.000161 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.019290	mg/L	0.003203	16.6	61.3353	0.019290 mg/L	Y 371.029
Mo 203.846	0.019111	mg/L	0.002759	14.4	27.0197	0.019111 mg/L	Y 371.029
Mo 204.598	0.019479	mg/L	0.002666	13.7	29.7445	0.019479 mg/L	Y 371.029
Na 568.821	0.842071	mg/L	0.041439	4.9	91.9223	0.842071 mg/L	Y 371.029
Na 588.995	-0.261086uv	mg/L	0.000428	0.2	109247	-0.261086 mg/L	Y 371.029
Na 589.592	-0.506170uv	mg/L	0.000419	0.1	47496.6	-0.506170 mg/L	Y 371.029
Ni 216.555	0.001052	mg/L	0.000136	12.9	3.14536	0.001052 mg/L	Y 371.029
Ni 221.648	0.000411uv	mg/L	0.000414	100.9	1.86764	0.000411 mg/L	Y 371.029
Ni 231.604	0.000325uv	mg/L	0.000719	221.1	2.50378	0.000325 mg/L	Y 371.029
P 177.434	0.000578uv	mg/L	0.003295	570.2	1.86538	0.000578 mg/L	Y 371.029
P 213.618	-0.002246uv	mg/L	0.000610	27.2	2.67649	-0.002246 mg/L	Y 371.029
P 214.914	0.002561uv	mg/L	0.007394	288.7	2.30228	0.002561 mg/L	Y 371.029
Pb 220.353	0.003447	mg/L	0.001412	41.0	3.07636	0.003447 mg/L	Y 371.029
Pb 261.417	0.002625	mg/L	0.001169	44.5	3.45896	0.002625 mg/L	Y 371.029
Pb 405.781	-0.011793uv	mg/L	0.004859	41.2	34.4772	-0.011793 mg/L	Y 371.029
Sb 206.834	0.029837	mg/L	0.004319	14.5	18.5187	0.029837 mg/L	Y 371.029
Sb 231.146	0.022585	mg/L	0.001927	8.5	13.8667	0.022585 mg/L	Y 371.029
Sb 259.804	0.039809	mg/L	0.008132	20.4	14.7370	0.039809 mg/L	Y 371.029
Se 196.026	0.009392	mg/L	0.002314	24.6	4.16700	0.009392 mg/L	Y 371.029
Se 203.985	0.022966	mg/L	0.011729	51.1	3.74470	0.022966 mg/L	Y 371.029
Si 250.690	0.005902	mg/L	0.000642	10.9	50.1873	0.005902 mg/L	Y 371.029
Si 251.611	0.003147	mg/L	0.000719	22.8	52.9339	0.003147 mg/L	Y 371.029
Si 288.158	-0.009856uv	mg/L	0.000581	5.9	742.298	-0.009856 mg/L	Y 371.029
Sn 189.927	0.001393uv	mg/L	0.003040	218.2	2.33124	0.001393 mg/L	Y 371.029
Sn 283.998	0.001698uv	mg/L	0.000526	31.0	6.11251	0.001698 mg/L	Y 371.029
Sr 216.596	-0.000110uv	mg/L	0.000140	127.4	10.6982	-0.000110 mg/L	Y 371.029
Sr 407.771	-0.000095uv	mg/L	0.000011	11.4	5177.20	-0.000095 mg/L	Y 371.029
Sr 421.552	-0.000053uv	mg/L	0.000011	20.4	3384.18	-0.000053 mg/L	Y 371.029
Ti 334.941	0.000776	mg/L	0.000226	29.1	208.628	0.000776 mg/L	Y 371.029
Ti 336.122	0.000732	mg/L	0.000257	35.1	87.4747	0.000732 mg/L	Y 371.029
Ti 337.280	0.001053	mg/L	0.000362	34.3	26.2042	0.001053 mg/L	Y 371.029
Tl 190.794	-0.001278uv	mg/L	0.004024	314.8	1.76860	-0.001278 mg/L	Y 371.029
Tl 190.807	0.002133uv	mg/L	0.005739	269.1	1.40468	0.002133 mg/L	Y 371.029
Tl 351.923	-0.000011uv	mg/L	0.001454	13156.7	8.32806	-0.000011 mg/L	Y 371.029
V 268.796	0.001583	mg/L	0.000051	3.3	35.4955	0.001583 mg/L	Y 371.029
V 292.401	0.000119	mg/L	0.000166	139.9	15.3678	0.000119 mg/L	Y 371.029
V 311.837	0.000746	mg/L	0.000027	3.6	4.68077	0.000746 mg/L	Y 371.029
Zn 202.548	-0.002141uv	mg/L	0.000059	2.8	311.456	-0.002141 mg/L	Y 371.029
Zn 206.200	-0.000628uv	mg/L	0.000204	32.5	105.348	-0.000628 mg/L	Y 371.029
Zn 213.857	-0.001977uv	mg/L	0.000114	5.8	784.058	-0.001977 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.578531	6934.83	15.545	0.2
Y 371.029	1.03147	168128	331.298	0.2

11C1345-01 (Samp) **3/23/2011, 10:49:23 AM** **Rack 3, Tube 33**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.010942uvb	mg/L	0.000216	2.0	112.192	-0.010942 mg/L	Y 371.029
Ag 338.289	0.000958b	mg/L	0.000719	75.1	0.525948	0.000958 mg/L	Y 371.029
Al 237.312	-0.033945b	mg/L	0.001996	5.9	42.4398	-0.033945 mg/L	Y 371.029
Al 257.509	-0.092813uvb	mg/L	0.004929	5.3	18.5352	-0.092813 mg/L	Y 371.029
Al 308.215	0.071533b	mg/L	0.001326	1.9	1275.66	0.071533 mg/L	Y 371.029
As 188.980	0.031836b	mg/L	0.006062	19.0	5.40086	0.031836 mg/L	Y 371.029
As 193.696	-0.008243uvb	mg/L	0.001637	19.9	2.77179	-0.008243 mg/L	Y 371.029
As 228.812	0.025462b	mg/L	0.001125	4.4	10.7096	0.025462 mg/L	Y 371.029
B 182.577	1.11165b	mg/L	0.018127	1.6	389.044	1.11165 mg/L	Y 371.029
B 249.678	1.02788b	mg/L	0.007096	0.7	8082.90	1.02788 mg/L	Y 371.029
B 249.772	1.00409b	mg/L	0.002947	0.3	14529.5	1.00409 mg/L	Y 371.029
Ba 233.527	0.023628b	mg/L	0.000052	0.2	945.911	0.023628 mg/L	Y 371.029
Ba 455.403	0.025126b	mg/L	0.000063	0.2	28354.1	0.025126 mg/L	Y 371.029
Ba 493.408	0.025112b	mg/L	0.000037	0.1	18794.6	0.025112 mg/L	Y 371.029
Be 234.861	0.000018b	mg/L	0.000042	232.3	3.23121	0.000018 mg/L	Y 371.029
Be 313.042	0.000037uvb	mg/L	0.000037	100.5	407.399	0.000037 mg/L	Y 371.029
Be 313.107	0.000038b	mg/L	0.000034	90.7	52.5189	0.000038 mg/L	Y 371.029
Ca 393.366	-ob	mg/L	0.314408	1.0	38758404	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.056785	0.3	38905420	- mg/L	Y 371.029
Ca 430.253	209.399b	mg/L	0.177293	0.1	719341	209.399 mg/L	Y 371.029
Cd 214.439	0.000510b	mg/L	0.000069	13.5	6.78667	0.000510 mg/L	Y 371.029
Cd 226.502	-0.000048b	mg/L	0.000087	182.1	24.6299	-0.000048 mg/L	Y 371.029
Cd 228.802	0.000714b	mg/L	0.000161	22.6	16.3408	0.000714 mg/L	Y 371.029
Co 228.615	0.003664b	mg/L	0.000335	9.1	6.03626	0.003664 mg/L	Y 371.029
Co 230.786	0.002919b	mg/L	0.000312	10.7	12.5893	0.002919 mg/L	Y 371.029
Co 238.892	-0.002145uvb	mg/L	0.000244	11.4	1.96409	-0.002145 mg/L	Y 371.029
Cr 205.560	-0.001323b	mg/L	0.000349	26.4	3.96529	-0.001323 mg/L	Y 371.029
Cr 206.158	-0.001458b	mg/L	0.000121	8.3	1.15853	-0.001458 mg/L	Y 371.029
Cr 267.716	-0.001084b	mg/L	0.000067	6.2	22.3919	-0.001084 mg/L	Y 371.029
Cu 213.598	-0.003756b	mg/L	0.000856	22.8	8.94183	-0.003756 mg/L	Y 371.029
Cu 324.754	0.010537b	mg/L	0.000249	2.4	426.770	0.010537 mg/L	Y 371.029
Cu 327.395	-0.000862b	mg/L	0.000096	11.1	89.1614	-0.000862 mg/L	Y 371.029
Fe 234.350	1.93533b	mg/L	0.029425	1.5	13418.6	1.93533 mg/L	Y 371.029
Fe 238.204	1.93817b	mg/L	0.032648	1.7	27722.5	1.93817 mg/L	Y 371.029
Fe 259.940	1.96860b	mg/L	0.038609	2.0	24843.7	1.96860 mg/L	Y 371.029
Ga 287.423	0.006821b	mg/L	0.000660	9.7	37.4672	0.006821 mg/L	Y 371.029
Ga 294.363	-0.001702b	mg/L	0.000354	20.8	11.8939	-0.001702 mg/L	Y 371.029
Ga 417.204	-0.001567uvb	mg/L	0.000129	8.2	28.9585	-0.001567 mg/L	Y 371.029
K 766.491	39.2552b	mg/L	0.075425	0.2	2233746	39.2552 mg/L	Y 371.029
K 769.897	43.9665b	mg/L	0.061389	0.1	2008576	43.9665 mg/L	Y 371.029
Li 610.365	0.094400n	mg/L	0.000508	0.5	3156.70	0.094400 mg/L	Y 371.029
Li 670.783	0.135906b	mg/L	0.000167	0.1	376999	0.135906 mg/L	Y 371.029
Mg 279.078	102.695b	mg/L	0.211174	0.2	113717	102.695 mg/L	Y 371.029
Mg 280.270	67.0357b	mg/L	0.119833	0.2	5205690	67.0357 mg/L	Y 371.029
Mg 285.213	96.1980b	mg/L	1.34045	1.4	2703769	96.1980 mg/L	Y 371.029
Mn 257.610	0.046673nb	mg/L	0.000128	0.3	5861.98	0.046673 mg/L	Y 371.029
Mn 259.372	0.045507b	mg/L	0.000118	0.3	4697.95	0.045507 mg/L	Y 371.029
Mn 260.568	0.055920b	mg/L	0.000180	0.3	1050.39	0.055920 mg/L	Y 371.029
Mo 202.032	-0.200117b	mg/L	0.001158	0.6	30.6152	-0.200117 mg/L	Y 371.029
Mo 203.846	-0.205872b	mg/L	0.001389	0.7	16.1597	-0.205872 mg/L	Y 371.029
Mo 204.598	-0.210753b	mg/L	0.001139	0.5	15.0792	-0.210753 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Na 568.821	-xb	mg/L	0.383502	0.1	116417	-	mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.492607	0.6	32556086	-	mg/L	Y 371.029
Na 589.592	-ob	mg/L	3.52727	2.0	35217772	-	mg/L	Y 371.029
Ni 216.555	0.000616b	mg/L	0.000193	31.4	4.48944	0.000616	mg/L	Y 371.029
Ni 221.648	-0.000882b	mg/L	0.000830	94.0	3.69754	-0.000882	mg/L	Y 371.029
Ni 231.604	0.006482b	mg/L	0.000093	1.4	22.2918	0.006482	mg/L	Y 371.029
P 177.434	0.017707b	mg/L	0.005973	33.7	2.49602	0.017707	mg/L	Y 371.029
P 213.618	-0.032588uvb	mg/L	0.002011	6.2	2.69970	-0.032588	mg/L	Y 371.029
P 214.914	0.023129b	mg/L	0.004504	19.5	4.75069	0.023129	mg/L	Y 371.029
Pb 220.353	0.000847b	mg/L	0.001414	167.1	3.62872	0.000847	mg/L	Y 371.029
Pb 261.417	-0.068600uvb	mg/L	0.004215	6.1	2.31922	-0.068600	mg/L	Y 371.029
Pb 405.781	0.115683b	mg/L	0.002713	2.3	245.983	0.115683	mg/L	Y 371.029
Sb 206.834	-0.060365b	mg/L	0.001135	1.9	6.79801	-0.060365	mg/L	Y 371.029
Sb 231.146	-0.007486uvb	mg/L	0.001953	26.1	2.52115	-0.007486	mg/L	Y 371.029
Sb 259.804	0.002597b	mg/L	0.016815	647.6	6.03447	0.002597	mg/L	Y 371.029
Se 196.026	0.026707b	mg/L	0.001234	4.6	7.39861	0.026707	mg/L	Y 371.029
Se 203.985	0.027399uvb	mg/L	0.008116	29.6	0.481578	0.027399	mg/L	Y 371.029
Si 250.690	5.46336b	mg/L	0.009132	0.2	5862.01	5.46336	mg/L	Y 371.029
Si 251.611	5.58750b	mg/L	0.011811	0.2	6461.31	5.58750	mg/L	Y 371.029
Si 288.158	5.49232b	mg/L	0.038665	0.7	33561.2	5.49232	mg/L	Y 371.029
Sn 189.927	-0.006199uvb	mg/L	0.004921	79.4	2.40576	-0.006199	mg/L	Y 371.029
Sn 283.998	-0.017481b	mg/L	0.002718	15.5	14.3333	-0.017481	mg/L	Y 371.029
Sr 216.596	3.95925b	mg/L	0.009025	0.2	20858.6	3.95925	mg/L	Y 371.029
Sr 407.771	3.68141b	mg/L	0.068655	1.9	9482984	3.68141	mg/L	Y 371.029
Sr 421.552	3.81880b	mg/L	0.053028	1.4	6534504	3.81880	mg/L	Y 371.029
Ti 334.941	-0.000171b	mg/L	0.000027	16.0	74.5401	-0.000171	mg/L	Y 371.029
Ti 336.122	-0.000280uvb	mg/L	0.000158	56.5	20.9040	-0.000280	mg/L	Y 371.029
Ti 337.280	-0.001098b	mg/L	0.000168	15.3	13.4347	-0.001098	mg/L	Y 371.029
Tl 190.794	-0.011806uvb	mg/L	0.001333	11.3	2.03218	-0.011806	mg/L	Y 371.029
Tl 190.807	-0.003881uvb	mg/L	0.005367	138.3	1.11464	-0.003881	mg/L	Y 371.029
Tl 351.923	0.021816b	mg/L	0.002815	12.9	26.1987	0.021816	mg/L	Y 371.029
V 268.796	-0.026560b	mg/L	0.000469	1.8	36.5228	-0.026560	mg/L	Y 371.029
V 292.401	0.000391b	mg/L	0.000134	34.3	45.0657	0.000391	mg/L	Y 371.029
V 311.837	0.000739b	mg/L	0.000051	6.9	20.5093	0.000739	mg/L	Y 371.029
Zn 202.548	0.007283b	mg/L	0.002772	38.1	572.291	0.007283	mg/L	Y 371.029
Zn 206.200	0.019723b	mg/L	0.001289	6.5	211.501	0.019723	mg/L	Y 371.029
Zn 213.857	0.023906b	mg/L	0.000607	2.5	1647.04	0.023906	mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.545005	6532.95	24.019	0.4
Y 371.029	0.963824	157102	611.245	0.4

11C1243-01 (Samp) **3/23/2011, 10:53:37 AM** **Rack 3, Tube 34**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Ag 328.068	0.000503	mg/L	0.000282	56.0	175.119	0.005028	mg/L	Y 371.029
Ag 338.289	0.001029	mg/L	0.000860	83.5	0.557517	0.010290	mg/L	Y 371.029
Al 237.312	-0.002051uv	mg/L	0.002241	109.2	36.8695	-0.020511	mg/L	Y 371.029
Al 257.509	-0.001429uv	mg/L	0.006945	485.9	16.6378	-0.014292	mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.004113	mg/L	0.000368	8.9	1176.92	0.041135 mg/L	Y 371.029
As 188.980	-0.001493uv	mg/L	0.000656	43.9	3.01594	-0.014934 mg/L	Y 371.029
As 193.696	-0.001402uv	mg/L	0.000727	51.9	2.26867	-0.014022 mg/L	Y 371.029
As 228.812	0.004598	mg/L	0.001793	39.0	9.67336	0.045978 mg/L	Y 371.029
B 182.577	0.034039	mg/L	0.000411	1.2	14.7140	0.340392 mg/L	Y 371.029
B 249.678	0.032491	mg/L	0.001600	4.9	271.053	0.324911 mg/L	Y 371.029
B 249.772	0.031787	mg/L	0.001748	5.5	487.870	0.317867 mg/L	Y 371.029
Ba 233.527	0.003640	mg/L	0.000043	1.2	257.800	0.036403 mg/L	Y 371.029
Ba 455.403	0.003537	mg/L	0.000002	0.1	7560.96	0.035374 mg/L	Y 371.029
Ba 493.408	0.003609	mg/L	0.000022	0.6	5008.63	0.036085 mg/L	Y 371.029
Be 234.861	0.000051	mg/L	0.000014	26.7	2.71074	0.000511 mg/L	Y 371.029
Be 313.042	-0.000017uv	mg/L	0.000023	139.7	395.309	-0.000166 mg/L	Y 371.029
Be 313.107	0.000062	mg/L	0.000028	45.1	42.8544	0.000616 mg/L	Y 371.029
Ca 393.366	3.17228	mg/L	0.065488	2.1	4077165	31.7228 mg/L	Y 371.029
Ca 396.847	3.30476	mg/L	0.005490	0.2	7015476	33.0476 mg/L	Y 371.029
Ca 430.253	3.76495	mg/L	0.004330	0.1	13408.4	37.6495 mg/L	Y 371.029
Cd 214.439	0.000639	mg/L	0.000126	19.7	8.15954	0.006386 mg/L	Y 371.029
Cd 226.502	0.000350	mg/L	0.000105	30.0	23.0274	0.003495 mg/L	Y 371.029
Cd 228.802	0.000479	mg/L	0.000141	29.5	15.7198	0.004790 mg/L	Y 371.029
Co 228.615	0.000784	mg/L	0.000027	3.5	1.49335	0.007842 mg/L	Y 371.029
Co 230.786	-0.000675uv	mg/L	0.000396	58.7	2.04565	-0.006749 mg/L	Y 371.029
Co 238.892	0.000184uv	mg/L	0.000238	129.2	2.40710	0.001841 mg/L	Y 371.029
Cr 205.560	0.000320uv	mg/L	0.000485	151.8	3.16524	0.003195 mg/L	Y 371.029
Cr 206.158	0.001075	mg/L	0.000160	14.9	1.77333	0.010754 mg/L	Y 371.029
Cr 267.716	0.000149	mg/L	0.000031	20.7	17.5973	0.001494 mg/L	Y 371.029
Cu 213.598	0.000470	mg/L	0.000120	25.5	1.33861	0.004697 mg/L	Y 371.029
Cu 324.754	-0.001918uv	mg/L	0.000157	8.2	357.217	-0.019177 mg/L	Y 371.029
Cu 327.395	0.000461	mg/L	0.000150	32.4	30.2302	0.004614 mg/L	Y 371.029
Fe 234.350	0.001552	mg/L	0.000699	45.0	33.0634	0.015520 mg/L	Y 371.029
Fe 238.204	0.002000	mg/L	0.000668	33.4	61.0542	0.020003 mg/L	Y 371.029
Fe 259.940	-0.000505uv	mg/L	0.000442	87.7	25.1793	-0.005046 mg/L	Y 371.029
Ga 287.423	-0.000962uv	mg/L	0.000846	88.0	4.31662	-0.009622 mg/L	Y 371.029
Ga 294.363	0.001074	mg/L	0.000164	15.2	11.7581	0.010738 mg/L	Y 371.029
Ga 417.204	0.000360uv	mg/L	0.000617	171.4	40.7399	0.003599 mg/L	Y 371.029
K 766.491	1.20187	mg/L	0.017393	1.4	69819.3	12.0187 mg/L	Y 371.029
K 769.897	1.21010	mg/L	0.003163	0.3	60614.8	12.1010 mg/L	Y 371.029
Li 610.365	0.002026n	mg/L	0.000304	15.0	64.7607	0.020264 mg/L	Y 371.029
Li 670.783	0.003550	mg/L	0.000035	1.0	47886.0	0.035495 mg/L	Y 371.029
Mg 279.078	4.84812	mg/L	0.007294	0.2	5362.90	48.4812 mg/L	Y 371.029
Mg 280.270	4.85574	mg/L	0.009129	0.2	377243	48.5574 mg/L	Y 371.029
Mg 285.213	5.07606	mg/L	0.063695	1.3	142250	50.7606 mg/L	Y 371.029
Mn 257.610	0.000164nuv	mg/L	0.000038	23.1	3.85829	0.001639 mg/L	Y 371.029
Mn 259.372	-0.000083	mg/L	0.000040	47.7	18.5306	-0.000831 mg/L	Y 371.029
Mn 260.568	0.000776	mg/L	0.000089	11.5	23.1016	0.007763 mg/L	Y 371.029
Mo 202.032	0.003792	mg/L	0.000679	17.9	22.1439	0.037918 mg/L	Y 371.029
Mo 203.846	0.004077	mg/L	0.001675	41.1	10.8776	0.040773 mg/L	Y 371.029
Mo 204.598	0.003443	mg/L	0.001141	33.1	9.49110	0.034433 mg/L	Y 371.029
Na 568.821	4.62340	mg/L	0.054121	1.2	995.822	46.2340 mg/L	Y 371.029
Na 588.995	5.08890	mg/L	0.004283	0.1	2239502	50.8890 mg/L	Y 371.029
Na 589.592	4.67928	mg/L	0.004219	0.1	1100647	46.7928 mg/L	Y 371.029
Ni 216.555	0.001106	mg/L	0.000105	9.5	3.37640	0.011061 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000881	mg/L	0.000557	63.2	2.54067	0.008810 mg/L	Y 371.029
Ni 231.604	0.001152	mg/L	0.000105	9.1	4.70819	0.011515 mg/L	Y 371.029
P 177.434	-0.000972uv	mg/L	0.005088	523.6	1.69180	-0.009718 mg/L	Y 371.029
P 213.618	-0.002398uv	mg/L	0.001971	82.2	2.74867	-0.023979 mg/L	Y 371.029
P 214.914	0.006418uv	mg/L	0.019733	307.5	2.75147	0.064183 mg/L	Y 371.029
Pb 220.353	0.005643	mg/L	0.002596	46.0	4.70366	0.056432 mg/L	Y 371.029
Pb 261.417	0.006343	mg/L	0.002365	37.3	5.09787	0.063425 mg/L	Y 371.029
Pb 405.781	0.004408	mg/L	0.003930	89.2	53.5760	0.044079 mg/L	Y 371.029
Sb 206.834	0.006442	mg/L	0.001172	18.2	8.36241	0.064417 mg/L	Y 371.029
Sb 231.146	0.001175	mg/L	0.000938	79.8	6.02775	0.011754 mg/L	Y 371.029
Sb 259.804	0.014761	mg/L	0.002560	17.3	6.89880	0.147614 mg/L	Y 371.029
Se 196.026	0.002719	mg/L	0.001102	40.5	2.89009	0.027185 mg/L	Y 371.029
Se 203.985	0.008909	mg/L	0.005926	66.5	2.08342	0.089087 mg/L	Y 371.029
Si 250.690	1.08152	mg/L	0.001704	0.2	1173.75	10.8152 mg/L	Y 371.029
Si 251.611	1.10237	mg/L	0.001442	0.1	1289.74	11.0237 mg/L	Y 371.029
Si 288.158	1.07009	mg/L	0.014686	1.4	7106.13	10.7009 mg/L	Y 371.029
Sn 189.927	-0.001478uv	mg/L	0.001283	86.8	1.75785	-0.014780 mg/L	Y 371.029
Sn 283.998	0.002024	mg/L	0.001162	57.4	7.29223	0.020235 mg/L	Y 371.029
Sr 216.596	0.122395	mg/L	0.000332	0.3	650.260	1.22395 mg/L	Y 371.029
Sr 407.771	0.127431	mg/L	0.000538	0.4	329881	1.27431 mg/L	Y 371.029
Sr 421.552	0.128336	mg/L	0.000291	0.2	220719	1.28336 mg/L	Y 371.029
Ti 334.941	0.000204	mg/L	0.000080	39.2	95.6506	0.002044 mg/L	Y 371.029
Ti 336.122	0.000151	mg/L	0.000036	24.2	38.3918	0.001505 mg/L	Y 371.029
Ti 337.280	0.000627	mg/L	0.000259	41.2	14.8287	0.006269 mg/L	Y 371.029
Tl 190.794	-0.002219uv	mg/L	0.002496	112.5	1.54645	-0.022188 mg/L	Y 371.029
Tl 190.807	0.006035	mg/L	0.005486	90.9	1.88465	0.060354 mg/L	Y 371.029
Tl 351.923	0.001916uv	mg/L	0.002572	134.2	11.1432	0.019157 mg/L	Y 371.029
V 268.796	0.001680	mg/L	0.000171	10.2	30.1564	0.016803 mg/L	Y 371.029
V 292.401	0.000734	mg/L	0.000155	21.1	30.7334	0.007342 mg/L	Y 371.029
V 311.837	0.001311	mg/L	0.000044	3.3	24.3144	0.013110 mg/L	Y 371.029
Zn 202.548	-0.000870uv	mg/L	0.000409	47.0	320.251	-0.008701 mg/L	Y 371.029
Zn 206.200	0.002698	mg/L	0.000422	15.6	111.592	0.026982 mg/L	Y 371.029
Zn 213.857	0.000192	mg/L	0.000579	302.4	817.497	0.001915 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.573957	6880.00	29.874	0.4
Y 371.029	1.01412	165299	625.946	0.4

1113049-DUP1 (Samp) **3/23/2011, 10:57:22 AM** **Rack 3, Tube 35**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000354	mg/L	0.000205	57.8	168.596	0.003540 mg/L	Y 371.029
Ag 338.289	0.000407	mg/L	0.000357	87.9	-1.12128	0.004067 mg/L	Y 371.029
Al 237.312	0.000491uv	mg/L	0.002530	514.7	39.6704	0.004915 mg/L	Y 371.029
Al 257.509	0.001927uv	mg/L	0.005165	268.0	18.3007	0.019274 mg/L	Y 371.029
Al 308.215	0.009556	mg/L	0.001097	11.5	1203.89	0.095563 mg/L	Y 371.029
As 188.980	0.001992uv	mg/L	0.002928	147.0	3.81315	0.019923 mg/L	Y 371.029
As 193.696	-0.001116uv	mg/L	0.001076	96.4	2.35005	-0.011158 mg/L	Y 371.029
As 228.812	0.003907	mg/L	0.001942	49.7	8.99879	0.039069 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.028645	mg/L	0.002289	8.0	12.8456	0.286451 mg/L	Y 371.029
B 249.678	0.027171	mg/L	0.000614	2.3	229.670	0.271712 mg/L	Y 371.029
B 249.772	0.026237	mg/L	0.000111	0.4	408.186	0.262371 mg/L	Y 371.029
Ba 233.527	0.003562	mg/L	0.000139	3.9	255.388	0.035620 mg/L	Y 371.029
Ba 455.403	0.003487	mg/L	0.000011	0.3	7515.30	0.034875 mg/L	Y 371.029
Ba 493.408	0.003542	mg/L	0.000028	0.8	4969.29	0.035424 mg/L	Y 371.029
Be 234.861	0.000040	mg/L	0.000023	57.0	1.69601	0.000400 mg/L	Y 371.029
Be 313.042	-0.000010uv	mg/L	0.000018	181.0	404.101	-0.000100 mg/L	Y 371.029
Be 313.107	0.000077	mg/L	0.000022	28.2	53.1270	0.000771 mg/L	Y 371.029
Ca 393.366	3.16851	mg/L	0.067882	2.1	4072322	31.6851 mg/L	Y 371.029
Ca 396.847	3.26790	mg/L	0.000411	0.0	6937506	32.6790 mg/L	Y 371.029
Ca 430.253	3.70994	mg/L	0.004387	0.1	13219.8	37.0994 mg/L	Y 371.029
Cd 214.439	0.000394	mg/L	0.000026	6.5	5.50367	0.003941 mg/L	Y 371.029
Cd 226.502	0.000302	mg/L	0.000057	19.0	21.8780	0.003022 mg/L	Y 371.029
Cd 228.802	0.000568	mg/L	0.000104	18.3	16.6771	0.005676 mg/L	Y 371.029
Co 228.615	0.000872	mg/L	0.000056	6.4	2.03579	0.008717 mg/L	Y 371.029
Co 230.786	-0.000464uv	mg/L	0.000344	74.0	2.97108	-0.004643 mg/L	Y 371.029
Co 238.892	0.000177uv	mg/L	0.000439	248.5	2.37843	0.001766 mg/L	Y 371.029
Cr 205.560	0.000575	mg/L	0.000286	49.7	3.92141	0.005747 mg/L	Y 371.029
Cr 206.158	0.000928	mg/L	0.000351	37.8	1.59319	0.009285 mg/L	Y 371.029
Cr 267.716	0.000089uv	mg/L	0.000190	214.4	16.5953	0.000886 mg/L	Y 371.029
Cu 213.598	0.000437	mg/L	0.000387	88.5	1.25334	0.004369 mg/L	Y 371.029
Cu 324.754	-0.002179uv	mg/L	0.000110	5.1	349.525	-0.021786 mg/L	Y 371.029
Cu 327.395	0.000383	mg/L	0.000014	3.7	27.0882	0.003831 mg/L	Y 371.029
Fe 234.350	-0.000995uv	mg/L	0.000352	35.4	15.8742	-0.009951 mg/L	Y 371.029
Fe 238.204	-0.000237	mg/L	0.000310	130.9	30.0372	-0.002365 mg/L	Y 371.029
Fe 259.940	0.061220	mg/L	0.001073	1.8	783.735	0.612198 mg/L	Y 371.029
Ga 287.423	0.000000uv	mg/L	0.001374	578593.7	6.09268	0.000002 mg/L	Y 371.029
Ga 294.363	0.000806	mg/L	0.000497	61.6	10.3944	0.008060 mg/L	Y 371.029
Ga 417.204	-0.000355uv	mg/L	0.000919	259.1	35.3972	-0.003548 mg/L	Y 371.029
K 766.491	1.18574	mg/L	0.008934	0.8	68902.9	11.8574 mg/L	Y 371.029
K 769.897	1.19867	mg/L	0.003008	0.3	60095.3	11.9867 mg/L	Y 371.029
Li 610.365	0.002068n	mg/L	0.000187	9.0	66.1617	0.020683 mg/L	Y 371.029
Li 670.783	0.003458	mg/L	0.000019	0.6	47663.7	0.034580 mg/L	Y 371.029
Mg 279.078	4.78745	mg/L	0.009808	0.2	5295.90	47.8745 mg/L	Y 371.029
Mg 280.270	4.76908	mg/L	0.011525	0.2	370514	47.6908 mg/L	Y 371.029
Mg 285.213	4.98833	mg/L	0.134282	2.7	139794	49.8833 mg/L	Y 371.029
Mn 257.610	0.000188n	mg/L	0.000027	14.6	6.95186	0.001878 mg/L	Y 371.029
Mn 259.372	-0.000037	mg/L	0.000044	118.3	21.7290	-0.000374 mg/L	Y 371.029
Mn 260.568	0.000726	mg/L	0.000133	18.3	22.2451	0.007263 mg/L	Y 371.029
Mo 202.032	0.002380	mg/L	0.001724	72.5	18.1660	0.023801 mg/L	Y 371.029
Mo 203.846	0.002335	mg/L	0.000597	25.5	8.77962	0.023353 mg/L	Y 371.029
Mo 204.598	0.002021	mg/L	0.001462	72.3	7.48317	0.020209 mg/L	Y 371.029
Na 568.821	4.63171	mg/L	0.083641	1.8	997.768	46.3171 mg/L	Y 371.029
Na 588.995	5.02130	mg/L	0.011516	0.2	2212582	50.2130 mg/L	Y 371.029
Na 589.592	4.61447	mg/L	0.013299	0.3	1087485	46.1447 mg/L	Y 371.029
Ni 216.555	0.001577	mg/L	0.000381	24.2	4.93160	0.015769 mg/L	Y 371.029
Ni 221.648	0.000655	mg/L	0.000051	7.8	2.23911	0.006553 mg/L	Y 371.029
Ni 231.604	0.001722	mg/L	0.000179	10.4	6.02506	0.017219 mg/L	Y 371.029
P 177.434	0.005492uv	mg/L	0.007979	145.3	2.38024	0.054915 mg/L	Y 371.029
P 213.618	0.001157	mg/L	0.001396	120.6	4.24379	0.011575 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.002048	mg/L	0.002359	115.2	2.25506	0.020483 mg/L	Y 371.029
Pb 220.353	0.003923	mg/L	0.001752	44.7	3.46428	0.039226 mg/L	Y 371.029
Pb 261.417	0.001840uv	mg/L	0.002522	137.1	3.24120	0.018399 mg/L	Y 371.029
Pb 405.781	-0.005618uv	mg/L	0.003077	54.8	42.5115	-0.056179 mg/L	Y 371.029
Sb 206.834	0.003269	mg/L	0.000681	20.8	6.92266	0.032694 mg/L	Y 371.029
Sb 231.146	0.000500uv	mg/L	0.002607	521.3	5.77030	0.005001 mg/L	Y 371.029
Sb 259.804	0.009270	mg/L	0.007164	77.3	5.15505	0.092700 mg/L	Y 371.029
Se 196.026	0.003133	mg/L	0.002224	71.0	2.96994	0.031331 mg/L	Y 371.029
Se 203.985	0.008744	mg/L	0.007720	88.3	2.06450	0.087435 mg/L	Y 371.029
Si 250.690	1.06560	mg/L	0.004245	0.4	1157.13	10.6560 mg/L	Y 371.029
Si 251.611	1.08839	mg/L	0.004776	0.4	1273.97	10.8839 mg/L	Y 371.029
Si 288.158	1.05197	mg/L	0.006963	0.7	6999.40	10.5197 mg/L	Y 371.029
Sn 189.927	0.001154uv	mg/L	0.001151	99.7	2.30597	0.011540 mg/L	Y 371.029
Sn 283.998	0.000634uv	mg/L	0.001344	211.8	5.51818	0.006345 mg/L	Y 371.029
Sr 216.596	0.121806	mg/L	0.001137	0.9	647.074	1.21806 mg/L	Y 371.029
Sr 407.771	0.124930	mg/L	0.000256	0.2	323540	1.24930 mg/L	Y 371.029
Sr 421.552	0.126741	mg/L	0.001480	1.2	218012	1.26741 mg/L	Y 371.029
Ti 334.941	0.000141	mg/L	0.000043	30.5	82.8953	0.001409 mg/L	Y 371.029
Ti 336.122	0.000182	mg/L	0.000044	24.4	41.0551	0.001818 mg/L	Y 371.029
Ti 337.280	0.000586	mg/L	0.000155	26.4	13.6537	0.005862 mg/L	Y 371.029
Tl 190.794	-0.000147uv	mg/L	0.003040	2062.3	2.07914	-0.001474 mg/L	Y 371.029
Tl 190.807	0.000935uv	mg/L	0.002475	264.8	1.22170	0.009346 mg/L	Y 371.029
Tl 351.923	0.001325uv	mg/L	0.005607	423.2	10.2546	0.013249 mg/L	Y 371.029
V 268.796	0.001494	mg/L	0.000472	31.6	27.6755	0.014941 mg/L	Y 371.029
V 292.401	0.000900	mg/L	0.000211	23.4	34.7967	0.009000 mg/L	Y 371.029
V 311.837	0.001189	mg/L	0.000083	7.0	20.0611	0.011887 mg/L	Y 371.029
Zn 202.548	-0.001344uv	mg/L	0.000208	15.4	318.033	-0.013441 mg/L	Y 371.029
Zn 206.200	0.002289	mg/L	0.000767	33.5	110.949	0.022889 mg/L	Y 371.029
Zn 213.857	0.000045	mg/L	0.000484	1078.6	815.723	0.000449 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.576942	6915.79	39.665	0.6
Y 371.029	1.02146	166497	1135.043	0.7

1113049-PS1 (Samp) **3/23/2011, 11:01:09 AM** **Rack 3, Tube 36**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.520080	mg/L	0.000991	0.2	22870.2	5.20080 mg/L	Y 371.029
Ag 338.289	0.507352	mg/L	0.000326	0.1	1361.76	5.07352 mg/L	Y 371.029
Al 237.312	4.86974	mg/L	0.017227	0.4	5427.81	48.6974 mg/L	Y 371.029
Al 257.509	4.84199	mg/L	0.014600	0.3	2425.37	48.4199 mg/L	Y 371.029
Al 308.215	5.15281	mg/L	0.001187	0.0	26945.6	51.5281 mg/L	Y 371.029
As 188.980	0.979056	mg/L	0.001133	0.1	227.215	9.79056 mg/L	Y 371.029
As 193.696	0.974990	mg/L	0.000830	0.1	279.747	9.74990 mg/L	Y 371.029
As 228.812	2.16326	mg/L	0.032404	1.5	3399.02	21.6326 mg/L	Y 371.029
B 182.577	0.966681	mg/L	0.009219	1.0	338.015	9.66681 mg/L	Y 371.029
B 249.678	1.01488	mg/L	0.003862	0.4	7921.04	10.1488 mg/L	Y 371.029
B 249.772	0.979752	mg/L	0.005092	0.5	14164.2	9.79752 mg/L	Y 371.029
Ba 233.527	1.00228	mg/L	0.002112	0.2	30695.3	10.0228 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.981067	mg/L	0.002140	0.2	888132	9.81067 mg/L	Y 371.029
Ba 493.408	0.987993	mg/L	0.002285	0.2	584050	9.87993 mg/L	Y 371.029
Be 234.861	1.00318	mg/L	0.002731	0.3	91093.2	10.0318 mg/L	Y 371.029
Be 313.042	1.01288	mg/L	0.001085	0.1	1346570	10.1288 mg/L	Y 371.029
Be 313.107	1.02110	mg/L	0.000947	0.1	678559	10.2110 mg/L	Y 371.029
Ca 393.366	9.67823	mg/L	0.015557	0.2	12414672	96.7823 mg/L	Y 371.029
Ca 396.847	11.1601	mg/L	0.022089	0.2	23635010	111.601 mg/L	Y 371.029
Ca 430.253	13.4336	mg/L	0.016969	0.1	46611.1	134.336 mg/L	Y 371.029
Cd 214.439	0.943718	mg/L	0.003718	0.4	10254.0	9.43718 mg/L	Y 371.029
Cd 226.502	0.980465	mg/L	0.002513	0.3	23765.2	9.80465 mg/L	Y 371.029
Cd 228.802	0.969233	mg/L	0.005960	0.6	10492.1	9.69233 mg/L	Y 371.029
Co 228.615	0.981957	mg/L	0.003708	0.4	6129.41	9.81957 mg/L	Y 371.029
Co 230.786	0.972472	mg/L	0.004071	0.4	4313.28	9.72472 mg/L	Y 371.029
Co 238.892	0.969280	mg/L	0.001525	0.2	4161.22	9.69280 mg/L	Y 371.029
Cr 205.560	0.976076	mg/L	0.003536	0.4	2900.22	9.76076 mg/L	Y 371.029
Cr 206.158	0.991598	mg/L	0.003027	0.3	1223.66	9.91598 mg/L	Y 371.029
Cr 267.716	0.988056	mg/L	0.000643	0.1	16410.9	9.88056 mg/L	Y 371.029
Cu 213.598	0.968520	mg/L	0.003253	0.3	2261.76	9.68520 mg/L	Y 371.029
Cu 324.754	0.977428	mg/L	0.002685	0.3	29249.0	9.77428 mg/L	Y 371.029
Cu 327.395	0.982495	mg/L	0.003928	0.4	39093.6	9.82495 mg/L	Y 371.029
Fe 234.350	4.93661	mg/L	0.023320	0.5	33369.3	49.3661 mg/L	Y 371.029
Fe 238.204	4.91570	mg/L	0.036185	0.7	68181.2	49.1570 mg/L	Y 371.029
Fe 259.940	5.01090	mg/L	0.019708	0.4	61854.0	50.1090 mg/L	Y 371.029
Ga 287.423	0.990704	mg/L	0.003227	0.3	1895.03	9.90704 mg/L	Y 371.029
Ga 294.363	0.975876	mg/L	0.004722	0.5	4993.07	9.75876 mg/L	Y 371.029
Ga 417.204	0.967185	mg/L	0.002162	0.2	7628.79	9.67185 mg/L	Y 371.029
K 766.491	10.7011	mg/L	0.039259	0.4	609321	107.011 mg/L	Y 371.029
K 769.897	11.1568	mg/L	0.038958	0.3	512730	111.568 mg/L	Y 371.029
Li 610.365	1.07030n	mg/L	0.002373	0.2	35822.0	10.7030 mg/L	Y 371.029
Li 670.783	1.05552	mg/L	0.002695	0.3	2577666	10.5552 mg/L	Y 371.029
Mg 279.078	14.8436	mg/L	0.026228	0.2	16403.5	148.436 mg/L	Y 371.029
Mg 280.270	13.9694	mg/L	0.039524	0.3	1084969	139.694 mg/L	Y 371.029
Mg 285.213	15.6435	mg/L	0.171655	1.1	438390	156.435 mg/L	Y 371.029
Mn 257.610	0.960092n	mg/L	0.010623	1.1	110897	9.60092 mg/L	Y 371.029
Mn 259.372	0.972767	mg/L	0.010027	1.0	85705.8	9.72767 mg/L	Y 371.029
Mn 260.568	0.996780	mg/L	0.003213	0.3	15089.5	9.96780 mg/L	Y 371.029
Mo 202.032	0.982204	mg/L	0.018519	1.9	2800.66	9.82204 mg/L	Y 371.029
Mo 203.846	0.994509	mg/L	0.007651	0.8	1213.09	9.94509 mg/L	Y 371.029
Mo 204.598	0.976509	mg/L	0.009380	1.0	1394.36	9.76509 mg/L	Y 371.029
Na 568.821	13.5454	mg/L	0.034923	0.3	3115.53	135.454 mg/L	Y 371.029
Na 588.995	14.8139	mg/L	0.006461	0.0	6113509	148.139 mg/L	Y 371.029
Na 589.592	15.4991	mg/L	0.309862	2.0	3299213	154.991 mg/L	Y 371.029
Ni 216.555	0.961329	mg/L	0.002294	0.2	3193.13	9.61329 mg/L	Y 371.029
Ni 221.648	0.971833	mg/L	0.003223	0.3	1295.75	9.71833 mg/L	Y 371.029
Ni 231.604	0.988104	mg/L	0.004999	0.5	2301.10	9.88104 mg/L	Y 371.029
P 177.434	0.999419	mg/L	0.012811	1.3	108.264	9.99419 mg/L	Y 371.029
P 213.618	0.972724	mg/L	0.005884	0.6	416.417	9.72724 mg/L	Y 371.029
P 214.914	0.973944	mg/L	0.007448	0.8	114.063	9.73944 mg/L	Y 371.029
Pb 220.353	0.952178	mg/L	0.005444	0.6	686.176	9.52178 mg/L	Y 371.029
Pb 261.417	0.740400	mg/L	0.011092	1.5	307.715	7.40400 mg/L	Y 371.029
Pb 405.781	0.969935	mg/L	0.001630	0.2	1120.64	9.69935 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.725209	mg/L	0.017661	2.4	340.787	7.25209 mg/L	Y 371.029
Sb 231.146	0.753743	mg/L	0.023131	3.1	291.322	7.53743 mg/L	Y 371.029
Sb 259.804	0.514812	mg/L	0.032562	6.3	168.939	5.14812 mg/L	Y 371.029
Se 196.026	0.980231	mg/L	0.012053	1.2	192.302	9.80231 mg/L	Y 371.029
Se 203.985	0.963397	mg/L	0.008949	0.9	116.742	9.63397 mg/L	Y 371.029
Si 250.690	2.10482	mg/L	0.006673	0.3	2255.84	21.0482 mg/L	Y 371.029
Si 251.611	2.14164	mg/L	0.006181	0.3	2484.44	21.4164 mg/L	Y 371.029
Si 288.158	2.05304	mg/L	0.005760	0.3	12903.0	20.5304 mg/L	Y 371.029
Sn 189.927	1.01385	mg/L	0.011384	1.1	213.502	10.1385 mg/L	Y 371.029
Sn 283.998	1.05984	mg/L	0.005740	0.5	1747.04	10.5984 mg/L	Y 371.029
Sr 216.596	1.11888	mg/L	0.002982	0.3	5793.86	11.1888 mg/L	Y 371.029
Sr 407.771	1.11557	mg/L	0.003123	0.3	2818228	11.1557 mg/L	Y 371.029
Sr 421.552	1.13776	mg/L	0.002118	0.2	1910538	11.3776 mg/L	Y 371.029
Ti 334.941	0.986388	mg/L	0.004489	0.5	198387	9.86388 mg/L	Y 371.029
Ti 336.122	1.00074	mg/L	0.004683	0.5	85102.5	10.0074 mg/L	Y 371.029
Ti 337.280	1.01109	mg/L	0.000864	0.1	29071.6	10.1109 mg/L	Y 371.029
Tl 190.794	0.979432	mg/L	0.006434	0.7	254.632	9.79432 mg/L	Y 371.029
Tl 190.807	0.962225	mg/L	0.006646	0.7	126.340	9.62225 mg/L	Y 371.029
Tl 351.923	1.04786	mg/L	0.002415	0.2	1583.91	10.4786 mg/L	Y 371.029
V 268.796	0.915397	mg/L	0.001006	0.1	7709.37	9.15397 mg/L	Y 371.029
V 292.401	0.984915	mg/L	0.007303	0.7	24179.4	9.84915 mg/L	Y 371.029
V 311.837	0.982922	mg/L	0.000465	0.0	34225.9	9.82922 mg/L	Y 371.029
Zn 202.548	0.961070	mg/L	0.000491	0.1	4813.06	9.61070 mg/L	Y 371.029
Zn 206.200	0.976413	mg/L	0.004961	0.5	1627.93	9.76413 mg/L	Y 371.029
Zn 213.857	0.953621	mg/L	0.012280	1.3	12008.3	9.53621 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.574134	6882.12	14.437	0.2
Y 371.029	1.02165	166528	197.723	0.1

11C1244-01 (Samp) **3/23/2011, 11:59:09 AM** **Rack 3, Tube 37**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000612	mg/L	0.000219	35.7	187.934	0.006120 mg/L	Y 371.029
Ag 338.289	0.000609uv	mg/L	0.000607	99.7	-0.575886	0.006091 mg/L	Y 371.029
Al 237.312	0.004147	mg/L	0.002196	53.0	44.2009	0.041471 mg/L	Y 371.029
Al 257.509	0.008433	mg/L	0.002701	32.0	22.3926	0.084334 mg/L	Y 371.029
Al 308.215	0.015131	mg/L	0.001964	13.0	1228.06	0.151308 mg/L	Y 371.029
As 188.980	0.000285uv	mg/L	0.003727	1308.2	3.34904	0.002849 mg/L	Y 371.029
As 193.696	0.001379uv	mg/L	0.002701	195.9	3.09410	0.013786 mg/L	Y 371.029
As 228.812	0.005146	mg/L	0.001801	35.0	9.93457	0.051464 mg/L	Y 371.029
B 182.577	0.040774	mg/L	0.001615	4.0	17.0792	0.407736 mg/L	Y 371.029
B 249.678	0.037564	mg/L	0.000090	0.2	311.925	0.375639 mg/L	Y 371.029
B 249.772	0.036081	mg/L	0.001021	2.8	550.947	0.360812 mg/L	Y 371.029
Ba 233.527	0.003403	mg/L	0.000100	2.9	251.907	0.034025 mg/L	Y 371.029
Ba 455.403	0.003179	mg/L	0.000019	0.6	7261.94	0.031786 mg/L	Y 371.029
Ba 493.408	0.003249	mg/L	0.000029	0.9	4815.95	0.032490 mg/L	Y 371.029
Be 234.861	0.000022	mg/L	0.000009	40.8	0.094987	0.000224 mg/L	Y 371.029
Be 313.042	-0.000042uv	mg/L	0.000018	44.2	360.230	-0.000417 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000056	mg/L	0.000027	48.0	39.5008	0.000563 mg/L	Y 371.029
Ca 393.366	6.70258	mg/L	0.017330	0.3	8597272	67.0258 mg/L	Y 371.029
Ca 396.847	7.41862	mg/L	0.021265	0.3	15714971	74.1862 mg/L	Y 371.029
Ca 430.253	8.70426	mg/L	0.039980	0.5	30354.6	87.0426 mg/L	Y 371.029
Cd 214.439	0.000653	mg/L	0.000099	15.1	8.31793	0.006527 mg/L	Y 371.029
Cd 226.502	0.000357	mg/L	0.000104	29.0	23.3936	0.003571 mg/L	Y 371.029
Cd 228.802	0.000451	mg/L	0.000198	43.8	15.3936	0.004511 mg/L	Y 371.029
Co 228.615	0.000957	mg/L	0.000132	13.8	2.31248	0.009573 mg/L	Y 371.029
Co 230.786	0.000123uv	mg/L	0.000440	357.0	5.45585	0.001232 mg/L	Y 371.029
Co 238.892	0.000281	mg/L	0.000355	126.4	2.99542	0.002812 mg/L	Y 371.029
Cr 205.560	0.000324	mg/L	0.000201	61.9	3.28883	0.003244 mg/L	Y 371.029
Cr 206.158	0.001814	mg/L	0.001124	62.0	2.72233	0.018136 mg/L	Y 371.029
Cr 267.716	0.000107	mg/L	0.000090	83.9	17.3377	0.001070 mg/L	Y 371.029
Cu 213.598	0.000332	mg/L	0.000294	88.4	1.22077	0.003323 mg/L	Y 371.029
Cu 324.754	-0.001526uv	mg/L	0.000075	4.9	363.544	-0.015261 mg/L	Y 371.029
Cu 327.395	0.000203	mg/L	0.000190	94.0	21.0799	0.002027 mg/L	Y 371.029
Fe 234.350	0.004006	mg/L	0.000110	2.8	53.3382	0.040055 mg/L	Y 371.029
Fe 238.204	0.004040	mg/L	0.000038	0.9	99.1396	0.040402 mg/L	Y 371.029
Fe 259.940	0.002120	mg/L	0.000081	3.8	66.6375	0.021197 mg/L	Y 371.029
Ga 287.423	0.005202	mg/L	0.002313	44.5	15.9547	0.052024 mg/L	Y 371.029
Ga 294.363	0.001666	mg/L	0.000368	22.1	14.8694	0.016660 mg/L	Y 371.029
Ga 417.204	0.000039uv	mg/L	0.001160	2936.3	38.1573	0.000395 mg/L	Y 371.029
K 766.491	0.881959	mg/L	0.003062	0.3	51723.1	8.81959 mg/L	Y 371.029
K 769.897	0.886157	mg/L	0.003199	0.4	45990.1	8.86157 mg/L	Y 371.029
Li 610.365	0.001430n	mg/L	0.000142	9.9	44.8033	0.014302 mg/L	Y 371.029
Li 670.783	0.003363	mg/L	0.000045	1.4	47538.1	0.033627 mg/L	Y 371.029
Mg 279.078	4.29274	mg/L	0.019203	0.4	4767.73	42.9274 mg/L	Y 371.029
Mg 280.270	4.31744	mg/L	0.034119	0.8	335447	43.1744 mg/L	Y 371.029
Mg 285.213	4.38470	mg/L	0.028061	0.6	123349	43.8470 mg/L	Y 371.029
Mn 257.610	0.000313n	mg/L	0.000026	8.1	38.0951	0.003133 mg/L	Y 371.029
Mn 259.372	0.000160	mg/L	0.000031	19.1	41.2275	0.001599 mg/L	Y 371.029
Mn 260.568	0.000941	mg/L	0.000055	5.9	24.8035	0.009412 mg/L	Y 371.029
Mo 202.032	-0.003787	mg/L	0.000303	8.0	10.0970	-0.037871 mg/L	Y 371.029
Mo 203.846	-0.005137uv	mg/L	0.000729	14.2	3.90546	-0.051366 mg/L	Y 371.029
Mo 204.598	-0.003113	mg/L	0.001442	46.3	5.11987	-0.031127 mg/L	Y 371.029
Na 568.821	12.0477	mg/L	0.063708	0.5	2768.31	120.477 mg/L	Y 371.029
Na 588.995	13.2399	mg/L	0.025391	0.2	5484461	132.399 mg/L	Y 371.029
Na 589.592	14.0660	mg/L	0.074850	0.5	3006659	140.660 mg/L	Y 371.029
Ni 216.555	0.000771	mg/L	0.000348	45.2	2.26124	0.007706 mg/L	Y 371.029
Ni 221.648	0.000260uv	mg/L	0.000943	362.7	1.74413	0.002599 mg/L	Y 371.029
Ni 231.604	0.000114uv	mg/L	0.000285	250.5	2.25695	0.001136 mg/L	Y 371.029
P 177.434	0.001785uv	mg/L	0.002381	133.4	1.96519	0.017852 mg/L	Y 371.029
P 213.618	-0.003631uv	mg/L	0.002995	82.5	2.42222	-0.036308 mg/L	Y 371.029
P 214.914	0.015716	mg/L	0.004835	30.8	3.79593	0.157160 mg/L	Y 371.029
Pb 220.353	0.003496	mg/L	0.002163	61.9	3.19395	0.034964 mg/L	Y 371.029
Pb 261.417	0.004742	mg/L	0.002386	50.3	4.88370	0.047423 mg/L	Y 371.029
Pb 405.781	-0.001887uv	mg/L	0.003469	183.8	47.8118	-0.018869 mg/L	Y 371.029
Sb 206.834	-0.003312uv	mg/L	0.002163	65.3	4.57084	-0.033117 mg/L	Y 371.029
Sb 231.146	-0.004825uv	mg/L	0.004486	93.0	3.89283	-0.048254 mg/L	Y 371.029
Sb 259.804	0.003121uv	mg/L	0.006046	193.7	3.43133	0.031208 mg/L	Y 371.029
Se 196.026	0.008077	mg/L	0.003582	44.3	3.94814	0.080768 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.006363uv	mg/L	0.009618	151.2	1.73559	0.063633 mg/L	Y 371.029
Si 250.690	0.172642	mg/L	0.001193	0.7	229.364	1.72642 mg/L	Y 371.029
Si 251.611	0.176788	mg/L	0.001180	0.7	253.361	1.76788 mg/L	Y 371.029
Si 288.158	0.164849	mg/L	0.002145	1.3	1792.85	1.64849 mg/L	Y 371.029
Sn 189.927	-0.002151uv	mg/L	0.002790	129.7	1.64466	-0.021514 mg/L	Y 371.029
Sn 283.998	-0.000264uv	mg/L	0.002611	988.0	5.25134	-0.002643 mg/L	Y 371.029
Sr 216.596	0.153554	mg/L	0.000899	0.6	824.776	1.53554 mg/L	Y 371.029
Sr 407.771	0.154862	mg/L	0.000928	0.6	405645	1.54862 mg/L	Y 371.029
Sr 421.552	0.157627	mg/L	0.000218	0.1	274223	1.57627 mg/L	Y 371.029
Ti 334.941	0.000117	mg/L	0.000046	39.2	78.8177	0.001167 mg/L	Y 371.029
Ti 336.122	0.000170	mg/L	0.000027	16.1	40.0237	0.001698 mg/L	Y 371.029
Ti 337.280	0.000552	mg/L	0.000102	18.5	13.4317	0.005520 mg/L	Y 371.029
Tl 190.794	-0.001906uv	mg/L	0.001666	87.4	1.65999	-0.019063 mg/L	Y 371.029
Tl 190.807	0.002329uv	mg/L	0.003235	138.9	1.40596	0.023288 mg/L	Y 371.029
Tl 351.923	0.000434uv	mg/L	0.001511	348.5	8.78787	0.004335 mg/L	Y 371.029
V 268.796	0.000618uv	mg/L	0.000020	3.2	21.8999	0.006184 mg/L	Y 371.029
V 292.401	0.000598	mg/L	0.000056	9.4	27.6840	0.005980 mg/L	Y 371.029
V 311.837	0.000740	mg/L	0.000039	5.3	4.82096	0.007396 mg/L	Y 371.029
Zn 202.548	-0.000848uv	mg/L	0.000566	66.7	323.500	-0.008476 mg/L	Y 371.029
Zn 206.200	0.002903	mg/L	0.000740	25.5	112.942	0.029034 mg/L	Y 371.029
Zn 213.857	-0.000807	mg/L	0.000297	36.8	813.552	-0.008072 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.565786	6782.06	29.401	0.4
Y 371.029	0.992637	161798	505.204	0.3

11C1245-01 (Samp) **3/23/2011, 12:03:03 PM** **Rack 3, Tube 38**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000813	mg/L	0.000094	11.6	189.900	0.008135 mg/L	Y 371.029
Ag 338.289	0.002225	mg/L	0.001803	81.0	3.78947	0.022254 mg/L	Y 371.029
Al 237.312	0.091005	mg/L	0.000365	0.4	139.425	0.910049 mg/L	Y 371.029
Al 257.509	0.089632	mg/L	0.005421	6.0	61.9830	0.896321 mg/L	Y 371.029
Al 308.215	0.106635	mg/L	0.001155	1.1	1688.11	1.06635 mg/L	Y 371.029
As 188.980	-0.000225uv	mg/L	0.008657	3851.3	3.32313	-0.002248 mg/L	Y 371.029
As 193.696	-0.000545uv	mg/L	0.001941	356.3	2.50663	-0.005447 mg/L	Y 371.029
As 228.812	0.003528	mg/L	0.001321	37.5	8.60708	0.035282 mg/L	Y 371.029
B 182.577	0.041671	mg/L	0.002436	5.8	17.3759	0.416711 mg/L	Y 371.029
B 249.678	0.043731	mg/L	0.000425	1.0	358.861	0.437307 mg/L	Y 371.029
B 249.772	0.042037	mg/L	0.000278	0.7	637.240	0.420370 mg/L	Y 371.029
Ba 233.527	0.010671	mg/L	0.000102	1.0	472.029	0.106710 mg/L	Y 371.029
Ba 455.403	0.010315	mg/L	0.000015	0.1	13665.5	0.103147 mg/L	Y 371.029
Ba 493.408	0.010467	mg/L	0.000027	0.3	9041.06	0.104667 mg/L	Y 371.029
Be 234.861	0.000036	mg/L	0.000012	32.5	1.27362	0.000359 mg/L	Y 371.029
Be 313.042	-0.000051uv	mg/L	0.000013	25.0	348.062	-0.000513 mg/L	Y 371.029
Be 313.107	0.000039	mg/L	0.000005	12.8	27.1957	0.000386 mg/L	Y 371.029
Ca 393.366	5.04834	mg/L	0.003830	0.1	6478336	50.4834 mg/L	Y 371.029
Ca 396.847	5.49382	mg/L	0.001939	0.0	11644105	54.9382 mg/L	Y 371.029
Ca 430.253	6.36516	mg/L	0.010223	0.2	22319.2	63.6516 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000523	mg/L	0.000116	22.1	6.92168	0.005234 mg/L	Y 371.029
Cd 226.502	0.000406	mg/L	0.000037	9.2	24.5493	0.004064 mg/L	Y 371.029
Cd 228.802	0.000543	mg/L	0.000180	33.1	16.4185	0.005431 mg/L	Y 371.029
Co 228.615	0.000805	mg/L	0.000205	25.5	1.86759	0.008053 mg/L	Y 371.029
Co 230.786	-0.000362uv	mg/L	0.000024	6.6	3.59721	-0.003617 mg/L	Y 371.029
Co 238.892	0.000032uv	mg/L	0.000064	198.4	1.38464	0.000323 mg/L	Y 371.029
Cr 205.560	0.001237	mg/L	0.000347	28.0	6.00999	0.012367 mg/L	Y 371.029
Cr 206.158	0.001941	mg/L	0.000575	29.6	2.88592	0.019409 mg/L	Y 371.029
Cr 267.716	0.001245	mg/L	0.000107	8.6	36.3582	0.012445 mg/L	Y 371.029
Cu 213.598	0.000644	mg/L	0.000640	99.4	1.76321	0.006440 mg/L	Y 371.029
Cu 324.754	-0.001415uv	mg/L	0.000220	15.6	372.003	-0.014149 mg/L	Y 371.029
Cu 327.395	0.000443uv	mg/L	0.000470	106.2	29.3942	0.004426 mg/L	Y 371.029
Fe 234.350	0.137521	mg/L	0.000343	0.2	944.702	1.37521 mg/L	Y 371.029
Fe 238.204	0.137986	mg/L	0.000839	0.6	1933.30	1.37986 mg/L	Y 371.029
Fe 259.940	0.139697	mg/L	0.000659	0.5	1749.67	1.39697 mg/L	Y 371.029
Ga 287.423	-0.000359uv	mg/L	0.001768	492.7	6.26573	-0.003589 mg/L	Y 371.029
Ga 294.363	0.001649	mg/L	0.000743	45.0	14.5581	0.016486 mg/L	Y 371.029
Ga 417.204	-0.000323uv	mg/L	0.001307	405.4	37.1758	-0.003225 mg/L	Y 371.029
K 766.491	0.437472	mg/L	0.000324	0.1	26433.3	4.37472 mg/L	Y 371.029
K 769.897	0.445482	mg/L	0.000584	0.1	25879.6	4.45482 mg/L	Y 371.029
Li 610.365	0.004613n	mg/L	0.000351	7.6	151.343	0.046131 mg/L	Y 371.029
Li 670.783	0.009565	mg/L	0.000015	0.2	62233.0	0.095646 mg/L	Y 371.029
Mg 279.078	1.68378	mg/L	0.005676	0.3	1886.37	16.8378 mg/L	Y 371.029
Mg 280.270	1.68907	mg/L	0.006181	0.4	131372	16.8907 mg/L	Y 371.029
Mg 285.213	1.72534	mg/L	0.033848	2.0	48827.9	17.2534 mg/L	Y 371.029
Mn 257.610	0.003311n	mg/L	0.000034	1.0	393.085	0.033109 mg/L	Y 371.029
Mn 259.372	0.003441	mg/L	0.000043	1.3	328.137	0.034406 mg/L	Y 371.029
Mn 260.568	0.003642	mg/L	0.000072	2.0	60.9546	0.036420 mg/L	Y 371.029
Mo 202.032	-0.000744	mg/L	0.000311	41.7	9.25631	-0.007442 mg/L	Y 371.029
Mo 203.846	0.000088	mg/L	0.000802	912.8	6.04695	0.000879 mg/L	Y 371.029
Mo 204.598	-0.000876	mg/L	0.000291	33.2	3.29397	-0.008759 mg/L	Y 371.029
Na 568.821	4.08938	mg/L	0.033041	0.8	869.906	40.8938 mg/L	Y 371.029
Na 588.995	4.35118	mg/L	0.002471	0.1	1945873	43.5118 mg/L	Y 371.029
Na 589.592	3.92393	mg/L	0.003935	0.1	947274	39.2393 mg/L	Y 371.029
Ni 216.555	0.000907	mg/L	0.000514	56.7	2.93537	0.009075 mg/L	Y 371.029
Ni 221.648	0.000678	mg/L	0.000277	40.9	2.34032	0.006777 mg/L	Y 371.029
Ni 231.604	0.000620	mg/L	0.000308	49.8	3.46872	0.006195 mg/L	Y 371.029
P 177.434	0.011832	mg/L	0.009600	81.1	3.05552	0.118318 mg/L	Y 371.029
P 213.618	0.001930	mg/L	0.001657	85.8	4.56027	0.019299 mg/L	Y 371.029
P 214.914	0.006731	mg/L	0.004904	72.9	2.78130	0.067307 mg/L	Y 371.029
Pb 220.353	0.002496	mg/L	0.000649	26.0	2.43199	0.024964 mg/L	Y 371.029
Pb 261.417	0.011336	mg/L	0.002642	23.3	7.15377	0.113362 mg/L	Y 371.029
Pb 405.781	-0.004457uv	mg/L	0.007631	171.2	43.8233	-0.044565 mg/L	Y 371.029
Sb 206.834	-0.001203uv	mg/L	0.002512	208.9	5.14129	-0.012028 mg/L	Y 371.029
Sb 231.146	-0.004620uv	mg/L	0.003823	82.7	4.03303	-0.046203 mg/L	Y 371.029
Sb 259.804	0.002549	mg/L	0.003480	136.5	3.38057	0.025487 mg/L	Y 371.029
Se 196.026	0.000992uv	mg/L	0.004024	405.6	2.58695	0.009922 mg/L	Y 371.029
Se 203.985	0.010299	mg/L	0.009485	92.1	2.24649	0.102992 mg/L	Y 371.029
Si 250.690	1.25272	mg/L	0.003138	0.3	1353.54	12.5272 mg/L	Y 371.029
Si 251.611	1.27630	mg/L	0.005129	0.4	1486.35	12.7630 mg/L	Y 371.029
Si 288.158	1.24838	mg/L	0.013603	1.1	8162.79	12.4838 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.000091uv	mg/L	0.001215	1335.9	2.04811	-0.000909 mg/L	Y 371.029
Sn 283.998	0.000669uv	mg/L	0.004187	625.5	5.93572	0.006694 mg/L	Y 371.029
Sr 216.596	0.046965	mg/L	0.000461	1.0	270.942	0.469654 mg/L	Y 371.029
Sr 407.771	0.047855	mg/L	0.000170	0.4	134252	0.478547 mg/L	Y 371.029
Sr 421.552	0.048617	mg/L	0.000238	0.5	90441.3	0.486168 mg/L	Y 371.029
Ti 334.941	0.004850	mg/L	0.000195	4.0	1031.00	0.048504 mg/L	Y 371.029
Ti 336.122	0.004634	mg/L	0.000073	1.6	419.732	0.046339 mg/L	Y 371.029
Ti 337.280	0.004960	mg/L	0.000228	4.6	139.537	0.049597 mg/L	Y 371.029
Tl 190.794	0.001057	mg/L	0.000504	47.7	2.37242	0.010571 mg/L	Y 371.029
Tl 190.807	-0.001029uv	mg/L	0.001706	165.7	0.963739	-0.010294 mg/L	Y 371.029
Tl 351.923	-0.000139uv	mg/L	0.002554	1836.3	8.20714	-0.001391 mg/L	Y 371.029
V 268.796	0.001729	mg/L	0.000542	31.4	28.0540	0.017286 mg/L	Y 371.029
V 292.401	0.001030	mg/L	0.000216	21.0	38.5695	0.010303 mg/L	Y 371.029
V 311.837	0.001244	mg/L	0.000061	4.9	22.8952	0.012438 mg/L	Y 371.029
Zn 202.548	0.004565	mg/L	0.000269	5.9	345.011	0.045646 mg/L	Y 371.029
Zn 206.200	0.007513	mg/L	0.000806	10.7	118.832	0.075133 mg/L	Y 371.029
Zn 213.857	0.003667	mg/L	0.000660	18.0	856.290	0.036668 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.567394	6801.33	31.367	0.5
Y 371.029	0.999802	162966	560.214	0.3

11C1345-01 (Samp) **3/23/2011, 12:06:55 PM** **Rack 3, Tube 39**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 100**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000587	mg/L	0.000050	8.5	177.486	0.058709 mg/L	Y 371.029
Ag 338.289	0.000733	mg/L	0.000400	54.6	-0.220056	0.073300 mg/L	Y 371.029
Al 237.312	-0.001812uv	mg/L	0.001992	109.9	36.5689	-0.181208 mg/L	Y 371.029
Al 257.509	-0.000861uv	mg/L	0.002082	241.8	16.6740	-0.086133 mg/L	Y 371.029
Al 308.215	0.008141	mg/L	0.000466	5.7	1196.62	0.814094 mg/L	Y 371.029
As 188.980	0.003927uv	mg/L	0.004475	113.9	4.27492	0.392741 mg/L	Y 371.029
As 193.696	-0.001735uv	mg/L	0.003005	173.3	2.16981	-0.173451 mg/L	Y 371.029
As 228.812	0.004652	mg/L	0.001197	25.7	9.82390	0.465237 mg/L	Y 371.029
B 182.577	0.010561	mg/L	0.000427	4.0	6.56616	1.05608 mg/L	Y 371.029
B 249.678	0.011422	mg/L	0.000181	1.6	106.792	1.14218 mg/L	Y 371.029
B 249.772	0.010132	mg/L	0.000253	2.5	176.889	1.01318 mg/L	Y 371.029
Ba 233.527	0.000081	mg/L	0.000041	51.0	148.122	0.008127 mg/L	Y 371.029
Ba 455.403	-0.000058uv	mg/L	0.000006	10.4	4289.34	-0.005801 mg/L	Y 371.029
Ba 493.408	0.000018	mg/L	0.000004	24.5	2874.18	0.001811 mg/L	Y 371.029
Be 234.861	0.000045	mg/L	0.000015	33.5	2.11086	0.004519 mg/L	Y 371.029
Be 313.042	-0.000050uv	mg/L	0.000002	4.3	349.671	-0.005037 mg/L	Y 371.029
Be 313.107	0.000045	mg/L	0.000008	16.9	31.0222	0.004463 mg/L	Y 371.029
Ca 393.366	1.67243	mg/L	0.001143	0.1	2156302	167.243 mg/L	Y 371.029
Ca 396.847	1.76397	mg/L	0.001185	0.1	3755663	176.397 mg/L	Y 371.029
Ca 430.253	1.89126	mg/L	0.004898	0.3	6979.50	189.126 mg/L	Y 371.029
Cd 214.439	0.000457	mg/L	0.000089	19.4	6.19422	0.045662 mg/L	Y 371.029
Cd 226.502	0.000350	mg/L	0.000044	12.5	22.9728	0.034985 mg/L	Y 371.029
Cd 228.802	0.000445	mg/L	0.000190	42.7	15.3747	0.044546 mg/L	Y 371.029
Co 228.615	0.000860	mg/L	0.000160	18.6	2.03781	0.086034 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	-0.000302uv	mg/L	0.000372	123.2	3.68930	-0.030184 mg/L	Y 371.029
Co 238.892	0.000494	mg/L	0.000149	30.2	3.60276	0.049404 mg/L	Y 371.029
Cr 205.560	0.000013uv	mg/L	0.000603	4706.6	2.22383	0.001282 mg/L	Y 371.029
Cr 206.158	0.000271	mg/L	0.000205	75.6	0.793577	0.027082 mg/L	Y 371.029
Cr 267.716	0.000021uv	mg/L	0.000015	71.7	15.3076	0.002124 mg/L	Y 371.029
Cu 213.598	0.000337	mg/L	0.000291	86.2	0.929150	0.033750 mg/L	Y 371.029
Cu 324.754	-0.001996uv	mg/L	0.000213	10.7	356.182	-0.199649 mg/L	Y 371.029
Cu 327.395	0.000111	mg/L	0.000114	103.0	14.9226	0.011097 mg/L	Y 371.029
Fe 234.350	0.019615	mg/L	0.000180	0.9	148.065	1.96149 mg/L	Y 371.029
Fe 238.204	0.020149	mg/L	0.000237	1.2	297.534	2.01489 mg/L	Y 371.029
Fe 259.940	0.020336	mg/L	0.000234	1.2	276.148	2.03358 mg/L	Y 371.029
Ga 287.423	-0.000633uv	mg/L	0.001076	169.9	5.07721	-0.063314 mg/L	Y 371.029
Ga 294.363	0.000281uv	mg/L	0.000625	222.1	7.78577	0.028125 mg/L	Y 371.029
Ga 417.204	0.000121uv	mg/L	0.000559	460.0	39.2879	0.012141 mg/L	Y 371.029
K 766.491	0.361162	mg/L	0.000860	0.2	22071.1	36.1162 mg/L	Y 371.029
K 769.897	0.364355	mg/L	0.000799	0.2	22183.4	36.4355 mg/L	Y 371.029
Li 610.365	0.001208n	mg/L	0.000051	4.2	37.3544	0.120762 mg/L	Y 371.029
Li 670.783	0.001207	mg/L	0.000019	1.6	42094.0	0.120693 mg/L	Y 371.029
Mg 279.078	0.996790	mg/L	0.002149	0.2	1114.75	99.6790 mg/L	Y 371.029
Mg 280.270	1.01251	mg/L	0.009300	0.9	78842.2	101.251 mg/L	Y 371.029
Mg 285.213	1.01679	mg/L	0.008217	0.8	28650.6	101.679 mg/L	Y 371.029
Mn 257.610	0.000784n	mg/L	0.000043	5.5	68.4760	0.078425 mg/L	Y 371.029
Mn 259.372	0.000639	mg/L	0.000029	4.5	68.2251	0.063877 mg/L	Y 371.029
Mn 260.568	0.000745	mg/L	0.000018	2.5	15.3195	0.074504 mg/L	Y 371.029
Mo 202.032	-0.000598	mg/L	0.000593	99.1	9.16781	-0.059784 mg/L	Y 371.029
Mo 203.846	-0.001422uv	mg/L	0.000348	24.5	4.00655	-0.142228 mg/L	Y 371.029
Mo 204.598	-0.000818uv	mg/L	0.001057	129.2	3.13792	-0.081792 mg/L	Y 371.029
Na 568.821	4.11970	mg/L	0.035598	0.9	874.329	411.970 mg/L	Y 371.029
Na 588.995	4.49054	mg/L	0.003054	0.1	2001036	449.054 mg/L	Y 371.029
Na 589.592	4.07280	mg/L	0.002546	0.1	977346	407.280 mg/L	Y 371.029
Ni 216.555	0.000718	mg/L	0.000304	42.4	2.07697	0.071788 mg/L	Y 371.029
Ni 221.648	0.000870	mg/L	0.000750	86.2	2.50856	0.086979 mg/L	Y 371.029
Ni 231.604	0.001063	mg/L	0.000278	26.1	4.28409	0.106329 mg/L	Y 371.029
P 177.434	0.000594uv	mg/L	0.007177	1207.7	1.85928	0.059426 mg/L	Y 371.029
P 213.618	-0.000106uv	mg/L	0.000894	843.2	3.66315	-0.010608 mg/L	Y 371.029
P 214.914	0.008238uv	mg/L	0.011379	138.1	2.93707	0.823846 mg/L	Y 371.029
Pb 220.353	0.001748	mg/L	0.000634	36.2	1.87329	0.174826 mg/L	Y 371.029
Pb 261.417	0.005600	mg/L	0.003370	60.2	4.86241	0.560015 mg/L	Y 371.029
Pb 405.781	0.001397uv	mg/L	0.008626	617.6	49.5856	0.139669 mg/L	Y 371.029
Sb 206.834	-0.000046uv	mg/L	0.003660	7872.4	5.23816	-0.004649 mg/L	Y 371.029
Sb 231.146	-0.007766uv	mg/L	0.001539	19.8	2.55063	-0.776578 mg/L	Y 371.029
Sb 259.804	0.003924	mg/L	0.002205	56.2	3.42764	0.392432 mg/L	Y 371.029
Se 196.026	0.000036uv	mg/L	0.004280	11774.4	2.36069	0.003635 mg/L	Y 371.029
Se 203.985	0.008042	mg/L	0.001879	23.4	2.00978	0.804158 mg/L	Y 371.029
Si 250.690	0.054209	mg/L	0.000724	1.3	101.724	5.42087 mg/L	Y 371.029
Si 251.611	0.052859	mg/L	0.001300	2.5	109.718	5.28589 mg/L	Y 371.029
Si 288.158	0.041948	mg/L	0.000743	1.8	1051.85	4.19481 mg/L	Y 371.029
Sn 189.927	-0.000014uv	mg/L	0.000979	7187.1	2.05126	-0.001362 mg/L	Y 371.029
Sn 283.998	0.002200uv	mg/L	0.002029	92.3	6.85359	0.219972 mg/L	Y 371.029
Sr 216.596	0.039076	mg/L	0.000183	0.5	217.183	3.90758 mg/L	Y 371.029
Sr 407.771	0.040153	mg/L	0.000114	0.3	108598	4.01532 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.040781	mg/L	0.000391	1.0	73130.1	4.07813 mg/L	Y 371.029
Ti 334.941	-0.000002uv	mg/L	0.000053	2707.7	52.9893	-0.000197 mg/L	Y 371.029
Ti 336.122	0.000066	mg/L	0.000047	71.2	31.0756	0.006597 mg/L	Y 371.029
Ti 337.280	0.000556	mg/L	0.000089	16.0	12.3230	0.055611 mg/L	Y 371.029
Tl 190.794	-0.002573uv	mg/L	0.002644	102.8	1.45471	-0.257294 mg/L	Y 371.029
Tl 190.807	-0.000297uv	mg/L	0.002429	817.9	1.07464	-0.029703 mg/L	Y 371.029
Tl 351.923	-0.001080uv	mg/L	0.003682	341.0	6.64154	-0.107995 mg/L	Y 371.029
V 268.796	0.000857uv	mg/L	0.000161	18.8	19.9879	0.085656 mg/L	Y 371.029
V 292.401	0.000249uv	mg/L	0.000266	107.0	18.7602	0.024893 mg/L	Y 371.029
V 311.837	0.000681	mg/L	0.000023	3.3	2.53095	0.068065 mg/L	Y 371.029
Zn 202.548	-0.000670uv	mg/L	0.000381	56.9	319.892	-0.067005 mg/L	Y 371.029
Zn 206.200	0.001925	mg/L	0.000572	29.7	109.864	0.192488 mg/L	Y 371.029
Zn 213.857	-0.001090uv	mg/L	0.000131	12.0	798.614	-0.108988 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.570674	6840.65	8.974	0.1
Y 371.029	1.01593	165595	176.149	0.1

SEQ-CCVA (Samp) **3/23/2011, 12:12:43 PM** **Rack 3, Tube 40**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.096745	mg/L	0.000214	0.2	4379.44	0.096745 mg/L	Y 371.029
Ag 338.289	0.097991	mg/L	0.002835	2.9	258.939	0.097991 mg/L	Y 371.029
Al 237.312	2.32619	mg/L	0.010012	0.4	2613.26	2.32619 mg/L	Y 371.029
Al 257.509	2.35564	mg/L	0.019867	0.8	1188.40	2.35564 mg/L	Y 371.029
Al 308.215	2.45556	mg/L	0.006270	0.3	13487.2	2.45556 mg/L	Y 371.029
As 188.980	0.476101	mg/L	0.004616	1.0	112.308	0.476101 mg/L	Y 371.029
As 193.696	0.469936	mg/L	0.002024	0.4	136.206	0.469936 mg/L	Y 371.029
As 228.812	0.610218	mg/L	0.003518	0.6	929.083	0.610218 mg/L	Y 371.029
B 182.577	0.447097	mg/L	0.004044	0.9	157.854	0.447097 mg/L	Y 371.029
B 249.678	0.480175	mg/L	0.008666	1.8	3754.17	0.480175 mg/L	Y 371.029
B 249.772	0.457071	mg/L	0.004387	1.0	6598.16	0.457071 mg/L	Y 371.029
Ba 233.527	0.483361	mg/L	0.000955	0.2	14877.0	0.483361 mg/L	Y 371.029
Ba 455.403	0.470627	mg/L	0.000605	0.1	428270	0.470627 mg/L	Y 371.029
Ba 493.408	0.489013	mg/L	0.000664	0.1	290496	0.489013 mg/L	Y 371.029
Be 234.861	0.489428	mg/L	0.003522	0.7	44441.4	0.489428 mg/L	Y 371.029
Be 313.042	0.489630	mg/L	0.003210	0.7	651152	0.489630 mg/L	Y 371.029
Be 313.107	0.493713	mg/L	0.002910	0.6	328090	0.493713 mg/L	Y 371.029
Ca 393.366	3.84458	mg/L	0.001609	0.0	4941530	3.84458 mg/L	Y 371.029
Ca 396.847	4.13691	mg/L	0.001922	0.0	8777250	4.13691 mg/L	Y 371.029
Ca 430.253	4.74415	mg/L	0.005704	0.1	16775.9	4.74415 mg/L	Y 371.029
Cd 214.439	0.236471	mg/L	0.001466	0.6	2570.30	0.236471 mg/L	Y 371.029
Cd 226.502	0.244041	mg/L	0.000783	0.3	5925.93	0.244041 mg/L	Y 371.029
Cd 228.802	0.241738	mg/L	0.000553	0.2	2625.16	0.241738 mg/L	Y 371.029
Co 228.615	0.485588	mg/L	0.000963	0.2	3027.29	0.485588 mg/L	Y 371.029
Co 230.786	0.480926	mg/L	0.001348	0.3	2134.83	0.480926 mg/L	Y 371.029
Co 238.892	0.493133	mg/L	0.001209	0.2	2122.86	0.493133 mg/L	Y 371.029
Cr 205.560	0.476772	mg/L	0.003146	0.7	1417.20	0.476772 mg/L	Y 371.029
Cr 206.158	0.479663	mg/L	0.008190	1.7	591.886	0.479663 mg/L	Y 371.029

110322A. All Data Report 3/23/2011, 14:05:08

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.483700	mg/L	0.002917	0.6	8038.35	0.483700 mg/L	Y 371.029
Cu 213.598	0.479601	mg/L	0.001931	0.4	1120.42	0.479601 mg/L	Y 371.029
Cu 324.754	0.469703	mg/L	0.000320	0.1	14269.7	0.469703 mg/L	Y 371.029
Cu 327.395	0.461147	mg/L	0.000246	0.1	18343.5	0.461147 mg/L	Y 371.029
Fe 234.350	0.484737	mg/L	0.002970	0.6	3367.73	0.484737 mg/L	Y 371.029
Fe 238.204	0.474368	mg/L	0.003099	0.7	6705.03	0.474368 mg/L	Y 371.029
Fe 259.940	0.487363	mg/L	0.001792	0.4	6129.00	0.487363 mg/L	Y 371.029
Ga 287.423	0.471423	mg/L	0.003678	0.8	894.768	0.471423 mg/L	Y 371.029
Ga 294.363	0.469227	mg/L	0.001504	0.3	2404.19	0.469227 mg/L	Y 371.029
Ga 417.204	0.473313	mg/L	0.000871	0.2	3750.76	0.473313 mg/L	Y 371.029
K 766.491	4.83873	mg/L	0.008577	0.2	276351	4.83873 mg/L	Y 371.029
K 769.897	4.90720	mg/L	0.007226	0.1	228662	4.90720 mg/L	Y 371.029
Li 610.365	1.05220n	mg/L	0.003436	0.3	35216.2	1.05220 mg/L	Y 371.029
Li 670.783	1.01900	mg/L	0.002770	0.3	2488992	1.01900 mg/L	Y 371.029
Mg 279.078	4.95965	mg/L	0.014501	0.3	5488.29	4.95965 mg/L	Y 371.029
Mg 280.270	4.95177	mg/L	0.023688	0.5	384748	4.95177 mg/L	Y 371.029
Mg 285.213	5.13076	mg/L	0.073108	1.4	143868	5.13076 mg/L	Y 371.029
Mn 257.610	0.471179n	mg/L	0.005669	1.2	54384.3	0.471179 mg/L	Y 371.029
Mn 259.372	0.477022	mg/L	0.006014	1.3	42016.5	0.477022 mg/L	Y 371.029
Mn 260.568	0.492623	mg/L	0.002419	0.5	7452.26	0.492623 mg/L	Y 371.029
Mo 202.032	0.987387	mg/L	0.010284	1.0	2803.66	0.987387 mg/L	Y 371.029
Mo 203.846	1.00343	mg/L	0.016605	1.7	1218.55	1.00343 mg/L	Y 371.029
Mo 204.598	0.981857	mg/L	0.018689	1.9	1395.62	0.981857 mg/L	Y 371.029
Na 568.821	4.79671	mg/L	0.077116	1.6	1030.75	4.79671 mg/L	Y 371.029
Na 588.995	5.28625	mg/L	0.010466	0.2	2318956	5.28625 mg/L	Y 371.029
Na 589.592	4.88566	mg/L	0.011090	0.2	1143097	4.88566 mg/L	Y 371.029
Ni 216.555	0.945024	mg/L	0.002877	0.3	3131.27	0.945024 mg/L	Y 371.029
Ni 221.648	0.956908	mg/L	0.002226	0.2	1272.94	0.956908 mg/L	Y 371.029
Ni 231.604	0.969515	mg/L	0.003547	0.4	2252.48	0.969515 mg/L	Y 371.029
P 177.434	0.490970	mg/L	0.008015	1.6	54.0906	0.490970 mg/L	Y 371.029
P 213.618	0.478716	mg/L	0.006867	1.4	206.774	0.478716 mg/L	Y 371.029
P 214.914	0.478182	mg/L	0.022179	4.6	57.2439	0.478182 mg/L	Y 371.029
Pb 220.353	0.928129	mg/L	0.003171	0.3	668.861	0.928129 mg/L	Y 371.029
Pb 261.417	0.947446	mg/L	0.005509	0.6	393.361	0.947446 mg/L	Y 371.029
Pb 405.781	0.946564	mg/L	0.002477	0.3	1093.09	0.946564 mg/L	Y 371.029
Sb 206.834	0.850693	mg/L	0.007073	0.8	393.484	0.850693 mg/L	Y 371.029
Sb 231.146	0.840423	mg/L	0.009879	1.2	321.881	0.840423 mg/L	Y 371.029
Sb 259.804	0.786019	mg/L	0.009478	1.2	251.740	0.786019 mg/L	Y 371.029
Se 196.026	0.945491	mg/L	0.015491	1.6	185.475	0.945491 mg/L	Y 371.029
Se 203.985	0.938874	mg/L	0.021914	2.3	111.066	0.938874 mg/L	Y 371.029
Si 250.690	0.976733	mg/L	0.005392	0.6	1069.30	0.976733 mg/L	Y 371.029
Si 251.611	0.991474	mg/L	0.005882	0.6	1184.68	0.991474 mg/L	Y 371.029
Si 288.158	0.954486	mg/L	0.005111	0.5	6420.63	0.954486 mg/L	Y 371.029
Sn 189.927	1.01500	mg/L	0.008749	0.9	213.590	1.01500 mg/L	Y 371.029
Sn 283.998	0.967700	mg/L	0.001783	0.2	1405.13	0.967700 mg/L	Y 371.029
Sr 216.596	0.463028	mg/L	0.000976	0.2	2401.06	0.463028 mg/L	Y 371.029
Sr 407.771	0.459381	mg/L	0.003808	0.8	1162579	0.459381 mg/L	Y 371.029
Sr 421.552	0.470168	mg/L	0.001682	0.4	790777	0.470168 mg/L	Y 371.029
Ti 334.941	0.484304	mg/L	0.003311	0.7	97418.2	0.484304 mg/L	Y 371.029
Ti 336.122	0.497529	mg/L	0.002784	0.6	42318.3	0.497529 mg/L	Y 371.029
Ti 337.280	0.496242	mg/L	0.000421	0.1	14265.0	0.496242 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.477772	mg/L	0.003518	0.7	125.233	0.477772 mg/L	Y 371.029
Tl 190.807	0.470912	mg/L	0.006530	1.4	62.8175	0.470912 mg/L	Y 371.029
Tl 351.923	0.512895	mg/L	0.004194	0.8	779.772	0.512895 mg/L	Y 371.029
V 268.796	0.463353	mg/L	0.002438	0.5	4205.21	0.463353 mg/L	Y 371.029
V 292.401	0.477610	mg/L	0.002556	0.5	11726.6	0.477610 mg/L	Y 371.029
V 311.837	0.477659	mg/L	0.000236	0.0	16616.5	0.477659 mg/L	Y 371.029
Zn 202.548	0.470310	mg/L	0.001645	0.3	2517.60	0.470310 mg/L	Y 371.029
Zn 206.200	0.478979	mg/L	0.007070	1.5	852.273	0.478979 mg/L	Y 371.029
Zn 213.857	0.460301	mg/L	0.005651	1.2	6222.91	0.460301 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.567559	6803.31	17.876	0.3
Y 371.029	1.00907	164477	499.162	0.3

SEQ-CCBA (Samp) **3/23/2011, 12:16:46 PM** **Rack 3, Tube 41**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000411	mg/L	0.000086	20.9	166.545	0.000411 mg/L	Y 371.029
Ag 338.289	0.000490	mg/L	0.000067	13.7	-0.887931	0.000490 mg/L	Y 371.029
Al 237.312	-0.002056uv	mg/L	0.001014	49.3	35.9751	-0.002056 mg/L	Y 371.029
Al 257.509	0.003290uv	mg/L	0.004565	138.8	18.3716	0.003290 mg/L	Y 371.029
Al 308.215	0.009071	mg/L	0.003056	33.7	1204.17	0.009071 mg/L	Y 371.029
As 188.980	0.003789	mg/L	0.001034	27.3	4.28066	0.003789 mg/L	Y 371.029
As 193.696	-0.001257uv	mg/L	0.003569	283.8	2.28962	-0.001257 mg/L	Y 371.029
As 228.812	0.004967	mg/L	0.002673	53.8	10.4553	0.004967 mg/L	Y 371.029
B 182.577	0.003482uv	mg/L	0.003096	88.9	4.10129	0.003482 mg/L	Y 371.029
B 249.678	0.003923	mg/L	0.000966	24.6	47.8370	0.003923 mg/L	Y 371.029
B 249.772	0.003459	mg/L	0.000882	25.5	80.2764	0.003459 mg/L	Y 371.029
Ba 233.527	-0.000181uv	mg/L	0.000090	49.8	139.368	-0.000181 mg/L	Y 371.029
Ba 455.403	-0.000258uv	mg/L	0.000006	2.5	4094.00	-0.000258 mg/L	Y 371.029
Ba 493.408	-0.000168uv	mg/L	0.000026	15.6	2752.84	-0.000168 mg/L	Y 371.029
Be 234.861	0.000036	mg/L	0.000005	13.2	1.23027	0.000036 mg/L	Y 371.029
Be 313.042	-0.000044uv	mg/L	0.000006	12.9	358.651	-0.000044 mg/L	Y 371.029
Be 313.107	0.000043	mg/L	0.000011	25.7	29.8132	0.000043 mg/L	Y 371.029
Ca 393.366	-0.000242uv	mg/L	0.000036	14.8	14508.2	-0.000242 mg/L	Y 371.029
Ca 396.847	0.000021uv	mg/L	0.000035	170.5	24998.0	0.000021 mg/L	Y 371.029
Ca 430.253	0.024036	mg/L	0.006101	25.4	571.042	0.024036 mg/L	Y 371.029
Cd 214.439	0.000466	mg/L	0.000022	4.7	6.29401	0.000466 mg/L	Y 371.029
Cd 226.502	0.000479	mg/L	0.000036	7.5	26.0053	0.000479 mg/L	Y 371.029
Cd 228.802	0.000563	mg/L	0.000097	17.3	16.6626	0.000563 mg/L	Y 371.029
Co 228.615	0.000948	mg/L	0.000099	10.4	2.66037	0.000948 mg/L	Y 371.029
Co 230.786	-0.000077uv	mg/L	0.000659	859.4	4.71871	-0.000077 mg/L	Y 371.029
Co 238.892	0.000555	mg/L	0.000404	72.8	3.80906	0.000555 mg/L	Y 371.029
Cr 205.560	0.000109uv	mg/L	0.000176	161.6	2.46308	0.000109 mg/L	Y 371.029
Cr 206.158	0.000916	mg/L	0.000923	100.8	1.56999	0.000916 mg/L	Y 371.029
Cr 267.716	0.000065uv	mg/L	0.000084	128.5	15.8087	0.000065 mg/L	Y 371.029
Cu 213.598	0.000245	mg/L	0.000132	54.0	0.648500	0.000245 mg/L	Y 371.029
Cu 324.754	-0.002195uv	mg/L	0.000261	11.9	352.613	-0.002195 mg/L	Y 371.029
Cu 327.395	0.000232uv	mg/L	0.000325	139.9	18.7686	0.000232 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.000482	mg/L	0.000084	17.5	16.1787	0.000482 mg/L	Y 371.029
Fe 238.204	0.000818	mg/L	0.000159	19.5	22.9257	0.000818 mg/L	Y 371.029
Fe 259.940	0.000747	mg/L	0.000132	17.7	30.5964	0.000747 mg/L	Y 371.029
Ga 287.423	-0.000577uv	mg/L	0.001554	269.0	5.02119	-0.000577 mg/L	Y 371.029
Ga 294.363	0.000945	mg/L	0.000704	74.5	11.1198	0.000945 mg/L	Y 371.029
Ga 417.204	-0.000778uv	mg/L	0.000054	7.0	32.7633	-0.000778 mg/L	Y 371.029
K 766.491	-0.000850uv	mg/L	0.000065	7.6	1490.50	-0.000850 mg/L	Y 371.029
K 769.897	0.000031uv	mg/L	0.001651	5290.0	5594.13	0.000031 mg/L	Y 371.029
Li 610.365	0.000907n	mg/L	0.000151	16.7	27.2834	0.000907 mg/L	Y 371.029
Li 670.783	-0.000256uv	mg/L	0.000026	10.0	38488.7	-0.000256 mg/L	Y 371.029
Mg 279.078	0.000751uv	mg/L	0.001808	240.7	11.5934	0.000751 mg/L	Y 371.029
Mg 280.270	0.000064	mg/L	0.000068	105.7	232.325	0.000064 mg/L	Y 371.029
Mg 285.213	-0.000168uv	mg/L	0.000079	47.3	75.1064	-0.000168 mg/L	Y 371.029
Mn 257.610	0.000281n	mg/L	0.000016	5.6	5.00385	0.000281 mg/L	Y 371.029
Mn 259.372	0.000137	mg/L	0.000033	24.0	22.9881	0.000137 mg/L	Y 371.029
Mn 260.568	0.000086uv	mg/L	0.000046	53.5	3.39183	0.000086 mg/L	Y 371.029
Mo 202.032	0.017770	mg/L	0.002046	11.5	57.0574	0.017770 mg/L	Y 371.029
Mo 203.846	0.018321	mg/L	0.002282	12.5	26.0723	0.018321 mg/L	Y 371.029
Mo 204.598	0.017235	mg/L	0.002125	12.3	26.5785	0.017235 mg/L	Y 371.029
Na 568.821	0.856475	mg/L	0.007023	0.8	95.3568	0.856475 mg/L	Y 371.029
Na 588.995	-0.258984uv	mg/L	0.000749	0.3	110084	-0.258984 mg/L	Y 371.029
Na 589.592	-0.506365uv	mg/L	0.000330	0.1	47457.1	-0.506365 mg/L	Y 371.029
Ni 216.555	0.001465	mg/L	0.000439	30.0	4.51319	0.001465 mg/L	Y 371.029
Ni 221.648	0.000767	mg/L	0.000097	12.6	2.34149	0.000767 mg/L	Y 371.029
Ni 231.604	0.000574	mg/L	0.000044	7.8	3.08171	0.000574 mg/L	Y 371.029
P 177.434	0.004784uv	mg/L	0.004994	104.4	2.31333	0.004784 mg/L	Y 371.029
P 213.618	-0.003317uv	mg/L	0.001234	37.2	2.22466	-0.003317 mg/L	Y 371.029
P 214.914	0.004311uv	mg/L	0.004212	97.7	2.49939	0.004311 mg/L	Y 371.029
Pb 220.353	0.005296	mg/L	0.003477	65.7	4.40817	0.005296 mg/L	Y 371.029
Pb 261.417	0.000372uv	mg/L	0.002988	802.4	2.52946	0.000372 mg/L	Y 371.029
Pb 405.781	-0.005299uv	mg/L	0.004155	78.4	41.6356	-0.005299 mg/L	Y 371.029
Sb 206.834	0.029350	mg/L	0.001454	5.0	18.2994	0.029350 mg/L	Y 371.029
Sb 231.146	0.021088	mg/L	0.001154	5.5	13.3063	0.021088 mg/L	Y 371.029
Sb 259.804	0.021979	mg/L	0.000811	3.7	9.08558	0.021979 mg/L	Y 371.029
Se 196.026	0.005325	mg/L	0.004996	93.8	3.37983	0.005325 mg/L	Y 371.029
Se 203.985	0.023483	mg/L	0.006260	26.7	3.80607	0.023483 mg/L	Y 371.029
Si 250.690	0.004592	mg/L	0.001898	41.3	48.8235	0.004592 mg/L	Y 371.029
Si 251.611	0.002770	mg/L	0.000930	33.6	52.4980	0.002770 mg/L	Y 371.029
Si 288.158	-0.009590uv	mg/L	0.000161	1.7	743.861	-0.009590 mg/L	Y 371.029
Sn 189.927	0.000974	mg/L	0.000519	53.3	2.24402	0.000974 mg/L	Y 371.029
Sn 283.998	0.001060uv	mg/L	0.002433	229.5	5.49924	0.001060 mg/L	Y 371.029
Sr 216.596	0.000108uv	mg/L	0.000360	334.8	11.8150	0.000108 mg/L	Y 371.029
Sr 407.771	-0.000127uv	mg/L	0.000012	9.6	5097.80	-0.000127 mg/L	Y 371.029
Sr 421.552	-0.000082uv	mg/L	0.000008	9.1	3336.44	-0.000082 mg/L	Y 371.029
Ti 334.941	0.000696	mg/L	0.000202	29.0	192.583	0.000696 mg/L	Y 371.029
Ti 336.122	0.000596	mg/L	0.000230	38.6	75.9572	0.000596 mg/L	Y 371.029
Ti 337.280	0.001017	mg/L	0.000274	27.0	25.1643	0.001017 mg/L	Y 371.029
Tl 190.794	0.000285uv	mg/L	0.002266	795.5	2.17058	0.000285 mg/L	Y 371.029
Tl 190.807	0.005864	mg/L	0.004554	77.7	1.88828	0.005864 mg/L	Y 371.029
Tl 351.923	-0.002361uv	mg/L	0.001736	73.5	4.80109	-0.002361 mg/L	Y 371.029
V 268.796	0.001328	mg/L	0.000353	26.6	33.0576	0.001328 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.000083uv	mg/L	0.000124	148.9	14.4933	0.000083 mg/L	Y 371.029
V 311.837	0.000771	mg/L	0.000072	9.3	5.57038	0.000771 mg/L	Y 371.029
Zn 202.548	-0.002307uv	mg/L	0.000381	16.5	310.682	-0.002307 mg/L	Y 371.029
Zn 206.200	-0.000331uv	mg/L	0.001105	333.2	105.809	-0.000331 mg/L	Y 371.029
Zn 213.857	-0.002853uv	mg/L	0.000503	17.6	773.863	-0.002853 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.576034	6904.90	65.944	1.0
Y 371.029	1.03800	169193	1418.283	0.8

11C0462-01 (Samp) **3/23/2011, 1:16:37 PM** **Rack 3, Tube 42**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.004623b	mg/L	0.000117	2.5	184.947	-0.004623 mg/L	Y 371.029
Ag 338.289	0.000591b	mg/L	0.001017	172.2	-0.056563	0.000591 mg/L	Y 371.029
Al 237.312	10.0460b	mg/L	0.019785	0.2	11161.8	10.0460 mg/L	Y 371.029
Al 257.509	10.2864b	mg/L	0.021783	0.2	5153.00	10.2864 mg/L	Y 371.029
Al 308.215	10.7740b	mg/L	0.009753	0.1	54686.1	10.7740 mg/L	Y 371.029
As 188.980	0.024956b	mg/L	0.004499	18.0	6.00793	0.024956 mg/L	Y 371.029
As 193.696	-0.005466uvb	mg/L	0.003862	70.7	2.58355	-0.005466 mg/L	Y 371.029
As 228.812	0.097500b	mg/L	0.001868	1.9	141.860	0.097500 mg/L	Y 371.029
B 182.577	1.63781b	mg/L	0.018156	1.1	570.631	1.63781 mg/L	Y 371.029
B 249.678	1.72936b	mg/L	0.017440	1.0	13509.4	1.72936 mg/L	Y 371.029
B 249.772	1.66828b	mg/L	0.018489	1.1	24159.3	1.66828 mg/L	Y 371.029
Ba 233.527	0.121494b	mg/L	0.000138	0.1	3880.01	0.121494 mg/L	Y 371.029
Ba 455.403	0.120682b	mg/L	0.000179	0.1	113393	0.120682 mg/L	Y 371.029
Ba 493.408	0.122287b	mg/L	0.000244	0.2	75185.1	0.122287 mg/L	Y 371.029
Be 234.861	0.000031b	mg/L	0.000007	21.6	4.47833	0.000031 mg/L	Y 371.029
Be 313.042	0.000096b	mg/L	0.000014	14.6	497.920	0.000096 mg/L	Y 371.029
Be 313.107	0.000128b	mg/L	0.000013	10.2	92.7820	0.000128 mg/L	Y 371.029
Ca 393.366	-ob	mg/L	0.661858	2.5	34465908	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.035436	0.2	38999036	- mg/L	Y 371.029
Ca 430.253	74.6564b	mg/L	0.070482	0.1	256958	74.6564 mg/L	Y 371.029
Cd 214.439	0.039252b	mg/L	0.000205	0.5	428.369	0.039252 mg/L	Y 371.029
Cd 226.502	0.040722b	mg/L	0.000218	0.5	1016.70	0.040722 mg/L	Y 371.029
Cd 228.802	0.041113b	mg/L	0.000478	1.2	454.625	0.041113 mg/L	Y 371.029
Co 228.615	0.004905b	mg/L	0.000060	1.2	35.1486	0.004905 mg/L	Y 371.029
Co 230.786	0.004961b	mg/L	0.000123	2.5	36.2288	0.004961 mg/L	Y 371.029
Co 238.892	0.004404uvb	mg/L	0.000176	4.0	1.50426	0.004404 mg/L	Y 371.029
Cr 205.560	0.024297b	mg/L	0.000247	1.0	87.3294	0.024297 mg/L	Y 371.029
Cr 206.158	0.022167b	mg/L	0.001372	6.2	34.5356	0.022167 mg/L	Y 371.029
Cr 267.716	0.028036b	mg/L	0.000148	0.5	548.352	0.028036 mg/L	Y 371.029
Cu 213.598	3.46347b	mg/L	0.024026	0.7	8076.80	3.46347 mg/L	Y 371.029
Cu 324.754	3.62754b	mg/L	0.024003	0.7	107397	3.62754 mg/L	Y 371.029
Cu 327.395	3.55137b	mg/L	0.020175	0.6	141285	3.55137 mg/L	Y 371.029
Fe 234.350	11.9031b	mg/L	0.097346	0.8	80367.9	11.9031 mg/L	Y 371.029
Fe 238.204	11.8756b	mg/L	0.005943	0.1	164734	11.8756 mg/L	Y 371.029
Fe 259.940	12.1723b	mg/L	0.064269	0.5	150285	12.1723 mg/L	Y 371.029
Ga 287.423	0.055222b	mg/L	0.001605	2.9	182.607	0.055222 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	-0.000034b	mg/L	0.001486	4346.2	19.4270	-0.000034 mg/L	Y 371.029
Ga 417.204	0.000626b	mg/L	0.000257	41.0	69.6620	0.000626 mg/L	Y 371.029
K 766.491	50.3369b	mg/L	0.082449	0.2	2861178	50.3369 mg/L	Y 371.029
K 769.897	57.9701b	mg/L	0.092589	0.2	2642252	57.9701 mg/L	Y 371.029
Li 610.365	0.005045n	mg/L	0.000047	0.9	165.792	0.005045 mg/L	Y 371.029
Li 670.783	0.011242b	mg/L	0.000037	0.3	71295.7	0.011242 mg/L	Y 371.029
Mg 279.078	14.5009b	mg/L	0.022268	0.2	16202.2	14.5009 mg/L	Y 371.029
Mg 280.270	13.8470b	mg/L	0.022018	0.2	1075702	13.8470 mg/L	Y 371.029
Mg 285.213	15.9125b	mg/L	0.288663	1.8	450433	15.9125 mg/L	Y 371.029
Mn 257.610	0.328483nb	mg/L	0.000230	0.1	39948.9	0.328483 mg/L	Y 371.029
Mn 259.372	0.348254b	mg/L	0.000439	0.1	31758.4	0.348254 mg/L	Y 371.029
Mn 260.568	0.357815b	mg/L	0.000899	0.3	5487.93	0.357815 mg/L	Y 371.029
Mo 202.032	-0.119164b	mg/L	0.000224	0.2	17.8488	-0.119164 mg/L	Y 371.029
Mo 203.846	-0.122516b	mg/L	0.001974	1.6	10.8822	-0.122516 mg/L	Y 371.029
Mo 204.598	-0.125081b	mg/L	0.001148	0.9	9.09280	-0.125081 mg/L	Y 371.029
Na 568.821	-xb	mg/L	0.044853	0.0	67921.8	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.327975	0.4	35449316	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	5.06740	3.1	32887576	- mg/L	Y 371.029
Ni 216.555	0.022128b	mg/L	0.000788	3.6	92.3351	0.022128 mg/L	Y 371.029
Ni 221.648	0.018669b	mg/L	0.001561	8.4	34.9006	0.018669 mg/L	Y 371.029
Ni 231.604	0.025105b	mg/L	0.000366	1.5	72.1338	0.025105 mg/L	Y 371.029
P 177.434	94.4008b	mg/L	0.096152	0.1	10057.5	94.4008 mg/L	Y 371.029
P 213.618	96.4874b	mg/L	0.849363	0.9	40626.0	96.4874 mg/L	Y 371.029
P 214.914	94.6333b	mg/L	0.465353	0.5	10723.9	94.6333 mg/L	Y 371.029
Pb 220.353	0.097065b	mg/L	0.010044	10.3	71.5503	0.097065 mg/L	Y 371.029
Pb 261.417	-0.018230b	mg/L	0.010432	57.2	12.9474	-0.018230 mg/L	Y 371.029
Pb 405.781	0.092218b	mg/L	0.012483	13.5	180.188	0.092218 mg/L	Y 371.029
Sb 206.834	0.029126b	mg/L	0.002774	9.5	37.3990	0.029126 mg/L	Y 371.029
Sb 231.146	0.063609b	mg/L	0.004355	6.8	30.0324	0.063609 mg/L	Y 371.029
Sb 259.804	-0.025765uvb	mg/L	0.012973	50.4	4.19853	-0.025765 mg/L	Y 371.029
Se 196.026	0.009607b	mg/L	0.002098	21.8	4.04725	0.009607 mg/L	Y 371.029
Se 203.985	0.035317b	mg/L	0.017426	49.3	3.33435	0.035317 mg/L	Y 371.029
Si 250.690	4.55918b	mg/L	0.004358	0.1	4849.97	4.55918 mg/L	Y 371.029
Si 251.611	4.67858b	mg/L	0.009028	0.2	5365.77	4.67858 mg/L	Y 371.029
Si 288.158	4.58882b	mg/L	0.020012	0.4	27964.5	4.58882 mg/L	Y 371.029
Sn 189.927	0.016561b	mg/L	0.003877	23.4	6.45215	0.016561 mg/L	Y 371.029
Sn 283.998	0.008290b	mg/L	0.002191	26.4	44.8777	0.008290 mg/L	Y 371.029
Sr 216.596	0.250430b	mg/L	0.000619	0.2	1496.43	0.250430 mg/L	Y 371.029
Sr 407.771	0.253974b	mg/L	0.002366	0.9	735878	0.253974 mg/L	Y 371.029
Sr 421.552	0.259756b	mg/L	0.001946	0.7	499287	0.259756 mg/L	Y 371.029
Ti 334.941	0.002282b	mg/L	0.000098	4.3	761.017	0.002282 mg/L	Y 371.029
Ti 336.122	0.001822b	mg/L	0.000052	2.9	287.349	0.001822 mg/L	Y 371.029
Ti 337.280	0.002152b	mg/L	0.000107	5.0	108.639	0.002152 mg/L	Y 371.029
Tl 190.794	-0.010134uvb	mg/L	0.002949	29.1	1.70506	-0.010134 mg/L	Y 371.029
Tl 190.807	-0.000649b	mg/L	0.001898	292.3	1.52717	-0.000649 mg/L	Y 371.029
Tl 351.923	0.011655b	mg/L	0.003446	29.6	16.0659	0.011655 mg/L	Y 371.029
V 268.796	-0.012138b	mg/L	0.000237	1.9	64.2868	-0.012138 mg/L	Y 371.029
V 292.401	0.003198b	mg/L	0.000190	5.9	155.081	0.003198 mg/L	Y 371.029
V 311.837	0.002188b	mg/L	0.000177	8.1	128.705	0.002188 mg/L	Y 371.029
Zn 202.548	2.75204b	mg/L	0.002959	0.1	13266.4	2.75204 mg/L	Y 371.029
Zn 206.200	2.85992b	mg/L	0.007646	0.3	4587.19	2.85992 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	2.80453b	mg/L	0.019701	0.7	33842.3	2.80453 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.546687	6553.11	8.531	0.1
Y 371.029	0.983741	160348	305.172	0.2

3/22/2011 11:43:42 AM	Worksheet created from template
3/22/2011 11:43:42 AM	>>>New Worksheet2010.vwst
3/22/2011 11:55:24 AM	Analysis started.
3/22/2011 11:58:24 AM	**Measured Blank**
3/22/2011 12:02:37 PM	**Measured Standard 1**
3/22/2011 12:06:06 PM	**Measured Standard 2**
3/22/2011 12:09:41 PM	**Measured Standard 3**
3/22/2011 12:13:21 PM	**Measured Standard 4**
3/22/2011 12:17:07 PM	**Measured Standard 5**
3/22/2011 12:21:06 PM	**Measured Standard 6**
3/22/2011 12:25:20 PM	**Measured Standard 7**
3/22/2011 12:26:47 PM	Calibration passed
3/22/2011 12:26:53 PM	Analysis completed.
3/22/2011 12:28:15 PM	Analysis started.
3/22/2011 12:31:14 PM	**Measured SEQ-ICV1**
3/22/2011 12:32:29 PM	Analysis completed.
3/22/2011 12:33:44 PM	Analysis started.
3/22/2011 12:36:43 PM	**Measured SEQ-ICV2**
3/22/2011 12:40:40 PM	**Measured SEQ-ICB1**
3/22/2011 12:43:40 PM	**Measured SEQ-LCV1**
3/22/2011 12:47:17 PM	**Measured SEQ-HCV1**
3/22/2011 12:48:52 PM	Analysis completed.
3/22/2011 12:51:01 PM	Analysis started.
3/22/2011 12:54:01 PM	**Measured SEQ-IFA1**
3/22/2011 12:58:14 PM	**Measured SEQ-IFB1**
3/22/2011 1:02:12 PM	**Measured SEQ-CCV1**
3/22/2011 1:06:06 PM	**Measured SEQ-CCB1**
3/22/2011 1:09:08 PM	**Measured 1113045-BLK1**
3/22/2011 1:12:10 PM	**Measured 1113045-BS1**
3/22/2011 1:15:57 PM	**Measured 1113045-BSD1**
3/22/2011 1:19:45 PM	**Measured 11C0228-01**
3/22/2011 1:20:36 PM	Analysis completed.
3/22/2011 1:39:03 PM	Analysis started.
3/22/2011 1:42:02 PM	**Measured 1113048-BLK1**
3/22/2011 1:45:54 PM	**Measured 1113048-BLK2**
3/22/2011 1:49:30 PM	**Measured 1113048-BS1**
3/22/2011 1:53:43 PM	**Measured 1113048-BS2**
3/22/2011 1:57:29 PM	**Measured 11C0409-01**
3/22/2011 2:01:43 PM	**Measured 11C0946-01**
3/22/2011 2:05:56 PM	**Measured SEQ-CCV2**
3/22/2011 2:09:50 PM	**Measured SEQ-CCB2**
3/22/2011 2:10:14 PM	Analysis completed.
3/22/2011 2:15:41 PM	Analysis started.
3/22/2011 2:15:44 PM	Immediate stop of worksheet run requested.
3/22/2011 2:15:52 PM	Analysis stopped by user.
3/22/2011 2:16:04 PM	Analysis started.
3/22/2011 2:19:02 PM	**Measured 1113048-DUP1**
3/22/2011 2:23:03 PM	**Measured 1113048-MS1**
3/22/2011 2:27:14 PM	**Measured 1113048-MSD1**
3/22/2011 2:28:49 PM	Analysis completed.
3/22/2011 2:30:58 PM	Analysis started.
3/22/2011 2:33:58 PM	**Measured 1113057-BLK1**
3/22/2011 2:36:58 PM	**Measured 1113057-BS1**
3/22/2011 2:41:13 PM	**Measured 11C0457-01**
3/22/2011 2:45:08 PM	**Measured 11C0823-01**
3/22/2011 2:49:22 PM	**Measured 11C1114-01**
3/22/2011 2:53:06 PM	**Measured 11C1195-01**
3/22/2011 2:56:43 PM	**Measured 11C1195-02**
3/22/2011 3:00:57 PM	**Measured SEQ-CCV3**
3/22/2011 3:05:10 PM	**Measured SEQ-CCB3**
3/22/2011 3:05:37 PM	Analysis completed.
3/22/2011 3:19:01 PM	Analysis started.
3/22/2011 3:20:57 PM	Request to stop the worksheet run after completing this solution.
3/22/2011 3:22:00 PM	**Measured 11C1195-03**
3/22/2011 3:24:23 PM	Analysis started.
3/22/2011 3:27:22 PM	**Measured 11C1195-04**
3/22/2011 3:31:13 PM	**Measured 11C1195-05**
3/22/2011 3:34:56 PM	**Measured 11C1195-06**
3/22/2011 3:39:10 PM	**Measured 11C1195-07**
3/22/2011 3:42:56 PM	**Measured 11C1195-08**
3/22/2011 3:46:46 PM	**Measured 11C1220-01**
3/22/2011 3:51:00 PM	**Measured 11C1220-02**
3/22/2011 3:54:55 PM	**Measured 11C1255-31**
3/22/2011 3:59:01 PM	**Measured 1113057-DUP1**
3/22/2011 4:03:08 PM	**Measured SEQ-CCV4**
3/22/2011 4:07:22 PM	**Measured SEQ-CCB4**
3/22/2011 4:07:49 PM	Analysis completed.
3/22/2011 4:09:23 PM	Analysis started.
3/22/2011 4:12:22 PM	**Measured SEQ-CCV4**
3/22/2011 4:14:05 PM	Analysis completed.
3/22/2011 4:20:10 PM	Analysis started.
3/22/2011 4:23:10 PM	**Measured 1113057-MS1**
3/22/2011 4:27:23 PM	**Measured 1113057-MSD1**
3/22/2011 4:31:19 PM	**Measured 1113057-SRD1**
3/22/2011 4:35:06 PM	**Measured 11C1255-32**
3/22/2011 4:39:01 PM	**Measured 11C1271-02**
3/22/2011 4:43:04 PM	**Measured 11C0823-01**

3/22/2011 4:47:18 PM	**Measured 11C0457-01**
3/22/2011 4:51:05 PM	**Measured 11C1114-01**
3/22/2011 4:54:49 PM	**Measured 11C1195-06**
3/22/2011 4:58:52 PM	**Measured 11C1255-31**
3/22/2011 5:03:02 PM	**Measured SEQ-CCV5**
3/22/2011 5:07:09 PM	**Measured SEQ-CCB5**
3/22/2011 5:07:40 PM	Analysis completed.
3/22/2011 5:12:42 PM	Analysis started.
3/22/2011 5:15:40 PM	**Measured 1113057-DUP1**
3/22/2011 5:19:53 PM	**Measured 1113057-PS1**
3/22/2011 5:24:06 PM	**Measured 11C1255-32**
3/22/2011 5:27:57 PM	**Measured 1113024-BLK1**
3/22/2011 5:30:57 PM	**Measured 1113024-BS1**
3/22/2011 5:35:12 PM	**Measured 11C0940-01**
3/22/2011 5:39:25 PM	**Measured 1113024-DUP1**
3/22/2011 5:43:31 PM	**Measured 1113024-PS1**
3/22/2011 5:47:44 PM	**Measured 11C0940-02**
3/22/2011 5:51:35 PM	**Measured 11C0940-03**
3/22/2011 5:55:24 PM	**Measured SEQ-CCV6**
3/22/2011 5:59:22 PM	**Measured SEQ-CCB6**
3/22/2011 6:02:25 PM	**Measured 1113024-BLK2**
3/22/2011 6:05:24 PM	**Measured 1113024-BS2**
3/22/2011 6:09:31 PM	**Measured 11C0940-01**
3/22/2011 6:13:10 PM	**Measured 1113024-DUP2**
3/22/2011 6:16:46 PM	**Measured 1113024-PS2**
3/22/2011 6:21:00 PM	**Measured 11C0940-02**
3/22/2011 6:24:36 PM	**Measured 11C0940-03**
3/22/2011 6:28:12 PM	**Measured SEQ-CCV7**
3/22/2011 6:32:07 PM	**Measured SEQ-CCB7**
3/22/2011 6:32:42 PM	Analysis completed.
3/23/2011 9:34:35 AM	Analysis started.
3/23/2011 9:37:36 AM	**Measured SEQ-CCV8**
3/23/2011 9:41:52 AM	**Measured SEQ-CCB8**
3/23/2011 9:42:26 AM	Analysis completed.
3/23/2011 9:57:45 AM	Analysis started.
3/23/2011 10:00:43 AM	**Measured 1113049-BLK1**
3/23/2011 10:03:44 AM	**Measured 1113049-BS1**
3/23/2011 10:07:58 AM	**Measured 11C1243-01**
3/23/2011 10:12:07 AM	**Measured 1113049-DUP1**
3/23/2011 10:16:10 AM	**Measured 1113049-MS1**
3/23/2011 10:20:23 AM	**Measured 1113049-MSD1**
3/23/2011 10:22:48 AM	Request to stop the worksheet run after completing this solution.
3/23/2011 10:24:23 AM	**Measured 1113049-SRD1**
3/23/2011 10:27:04 AM	Analysis started.
3/23/2011 10:30:03 AM	**Measured 11C1244-01**
3/23/2011 10:34:17 AM	**Measured 11C1245-01**
3/23/2011 10:38:24 AM	**Measured 11C1246-01**
3/23/2011 10:42:19 AM	**Measured SEQ-CCV9**
3/23/2011 10:46:23 AM	**Measured SEQ-CCB9**
3/23/2011 10:49:23 AM	**Measured 11C1345-01**
3/23/2011 10:53:37 AM	**Measured 11C1243-01**
3/23/2011 10:57:22 AM	**Measured 1113049-DUP1**
3/23/2011 11:01:09 AM	**Measured 1113049-PS1**
3/23/2011 11:02:57 AM	Analysis completed.
3/23/2011 11:56:10 AM	Analysis started.
3/23/2011 11:59:09 AM	**Measured 11C1244-01**
3/23/2011 12:03:03 PM	**Measured 11C1245-01**
3/23/2011 12:06:55 PM	**Measured 11C1345-01**
3/23/2011 12:08:13 PM	Analysis completed.
3/23/2011 12:09:44 PM	Analysis started.
3/23/2011 12:12:43 PM	**Measured SEQ-CCVA**
3/23/2011 12:16:46 PM	**Measured SEQ-CCBA**
3/23/2011 12:17:18 PM	Analysis completed.
3/23/2011 1:13:39 PM	Analysis started.
3/23/2011 1:16:37 PM	**Measured 11C0462-01**
3/23/2011 1:18:24 PM	Analysis completed.

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C2501 **Matrix:** Water **Department:** SVOC GCMS **Instrument:** MSD5

Injection Log

Data Directory: C:\MSD5\2011\MAR\MAR2411\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) S5032401.D				
SEQ-TUN	PCP,DFTPP,BENZ,DDT	100	1.000	24 Mar 2011 12:03 pm
2) S5032402.D				
SEQ-CCV	MC12320 >1mL=40ppm	1	1.000	24 Mar 2011 12:37 pm
3) S5032403.D				
SEQ-ICB	MB10749,1ml	2	1.000	24 Mar 2011 1:12 pm
4) S5032404.D				
1113154-BS1	1,50 PPM LCS,1000ml+	3	1.000	24 Mar 2011 1:47 pm
5) S5032405.D				
1113154-BSD1	1,50 PPM LCS,1000ml+	4	1.000	24 Mar 2011 2:22 pm
6) S5032406.D				
1113154-BLK1	1,METHOD BLANK,1000m	5	1.000	24 Mar 2011 2:57 pm
7) S5032407.D				
11C1255-09	1,SEVERSTAL,740ml+1m	6	1.000	24 Mar 2011 3:31 pm
8) S5032408.D				
11C1255-39	1,SEVERSTAL,950ml+1m	7	1.000	24 Mar 2011 4:06 pm
9) S5032409.D				
11C1255-40	1,SEVERSTAL,790ml+1m	8	1.000	24 Mar 2011 4:41 pm
10) S5032410.D				
11C1255-41	100,SEVERSTAL,10ul/1	9	1.000	24 Mar 2011 5:16 pm
11) S5032411.D				
11C1255-08	5,SEVERSTAL,200ul/1m	10	1.000	24 Mar 2011 5:51 pm
12) S5032412.D				
11C1255-07	10,SEVERSTAL,100ul/1	11	1.000	24 Mar 2011 6:25 pm
13) S5032413.D				
11C1381-02	5,RICHMOND,200ul/1ml	12	1.000	24 Mar 2011 7:00 pm
14) S5032414.D				
11C1255-41	50,SEVERSTAL,20ul/1m	13	1.000	24 Mar 2011 7:35 pm
15) S5032415.D				
11C1382-02	10,RICHMOND,100ul/1m	14	1.000	24 Mar 2011 8:09 pm
16) S5032416.D				
11C1381-02	1,RICHMOND,980ml+1ml	15	1.000	24 Mar 2011 8:44 pm
17) S5032417.D				
SEQ-ICB	MB10749,1ml	2	1.000	24 Mar 2011 9:18 pm
18) S5032418.D				
SEQ-CCV	MC12320>1ml=40ppm	1	1.000	24 Mar 2011 9:53 pm
19) S5032419.D				
SEQ-CCV	MC12320>1ml=40ppm	1	1.000	24 Mar 2011 10:27 pm
20) S5032420.D				
SEQ-CCV	MC12320>1ml=40ppm	1	1.000	24 Mar 2011 11:01 pm

GC/MS QA-QC Check Report

Tune File : C:\MSD5\2011\MAR\MAR2411\S5032401.D
Tune Time : 24 Mar 2011 12:03 pm

Daily Calibration File : C:\MSD5\2011\MAR\MAR2411\S5032402.D

	(2FP)	(PHL)	(NBZ)	(FBP)	(DCB)	(NPT)	(ANT)
					63146	237259	141640
	(TBP)	(TPH)			(PHN)	(CRY)	(PRY)
					203064	225515	184894

File	Sample	Surrogate Recovery %				Internal Standard Responses		
S5032402.D								
	SEQ-CCV	52	52	81	74	63146	237259	141640
		48	85			203064	225515	184894
S5032403.D								
	SEQ-ICB	98*	96*	104	93	63809	234977	136576
		86	110			217655	199017	158055
S5032404.D								
	1113154-BS	49	35	71	68	61528	228170	136206
		75	81			198973	220591	178790
S5032405.D								
	1113154-BS	55	40	77	72	66499	253434	149369
		81	86			219436	239327	192522
S5032406.D								
	1113154-BL	52	38	79	75	63399	237906	134780
		76	90			225306	211067	177749
S5032407.D								
	11C1255-09	52	37	75	74	128770*	484249*	273154
		77	83			449748*	416310	367600
S5032408.D								
	11C1255-39	44	33	64	63	141284*	523019*	300829*
		68	80			480162*	442294	403643*
S5032409.D								
	11C1255-40	42	31	64	61	143031*	531813*	306831*
		65	69			496975*	475005*	394535*
S5032410.D								
	11C1255-41	54	39	47	57	338*	2709*	1483*
		0*	69			2124*	2375*	2078*
S5032411.D								
	11C1255-08	0*	0*	0*	0*	72953	272981	155178
		1*	2*			260314	242214	201227
S5032412.D								
	11C1255-07	4*	2*	7*	6*	66178	245581	140638
		6*	7*			233196	226156	194444
S5032413.D								
	11C1381-02	8*	5*	13*	13*	70290	265650	150978
		11*	12*			257301	240689	193278
S5032414.D								
	11C1255-41	1*	0*	1*	1*	59653	221825	127699
		1*	1*			211682	203760	170154
S5032415.D								

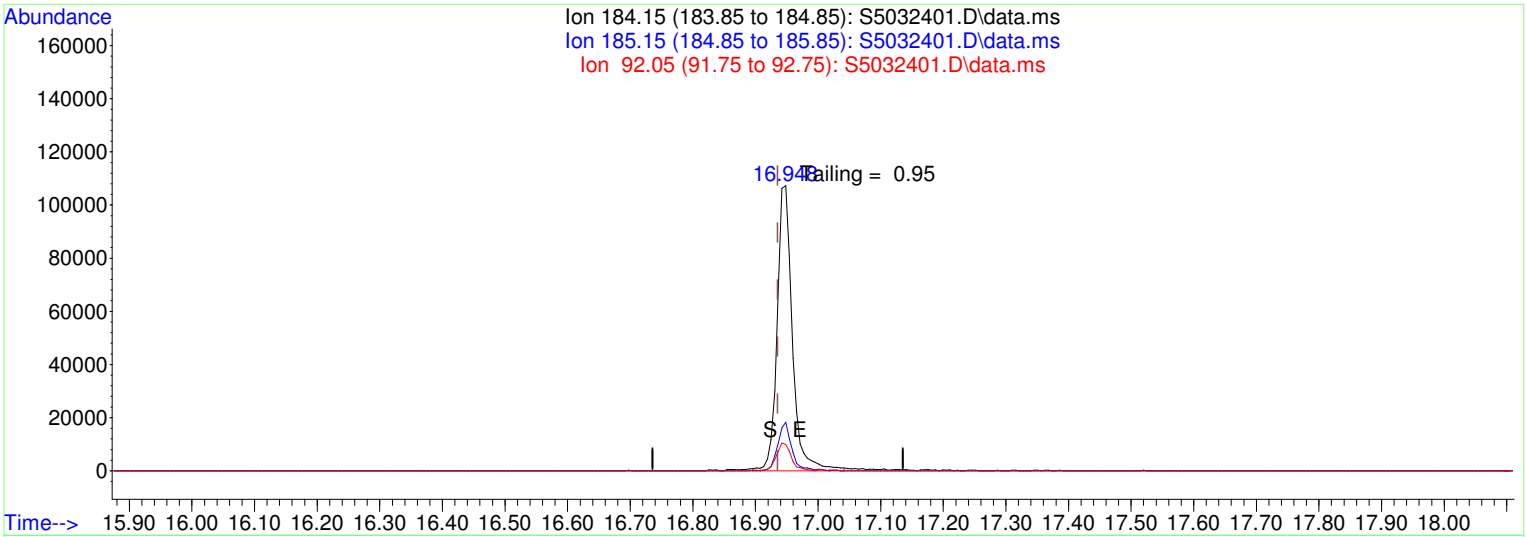
	11C1382-02	3*	2*	5*	6*	62090	233949	130536
		4*	6*			221347	212617	178550
S5032416.D								
	11C1381-02	24	16	39*	37	131617*	487487*	276545
		40	41			454163*	450027	365138
S5032417.D								
	SEQ-ICB	98*	96*	102	93	66779	245255	139398
		89	112			229092	207054	171108
S5032418.D								
	SEQ-CCV	52	51	81	77	68573	257701	147519
		50	83			224692	239941	197201
S5032419.D								
	SEQ-CCV	52	51	84	76	65232	240777	144840
		51	86			209197	221162	184919
S5032420.D								
	SEQ-CCV	51	51	81	75	68129	249912	148730
		50	86			220949	232112	194599

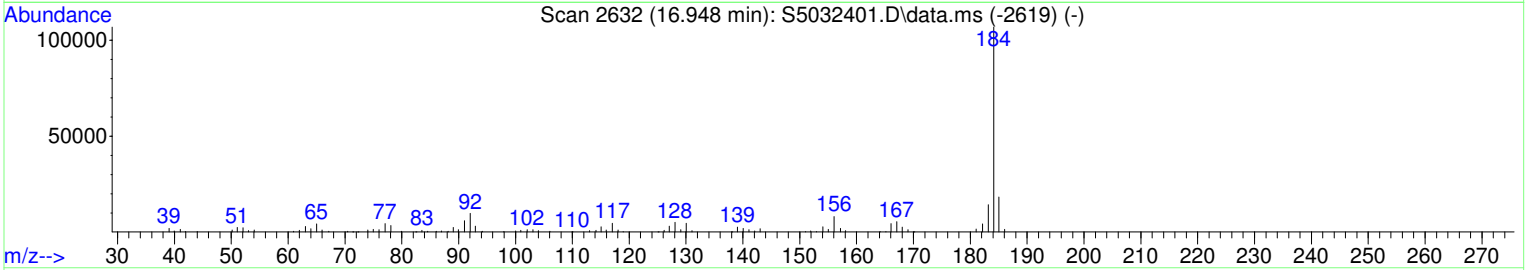
(fails) - fails 12hr time check * - fails criteria

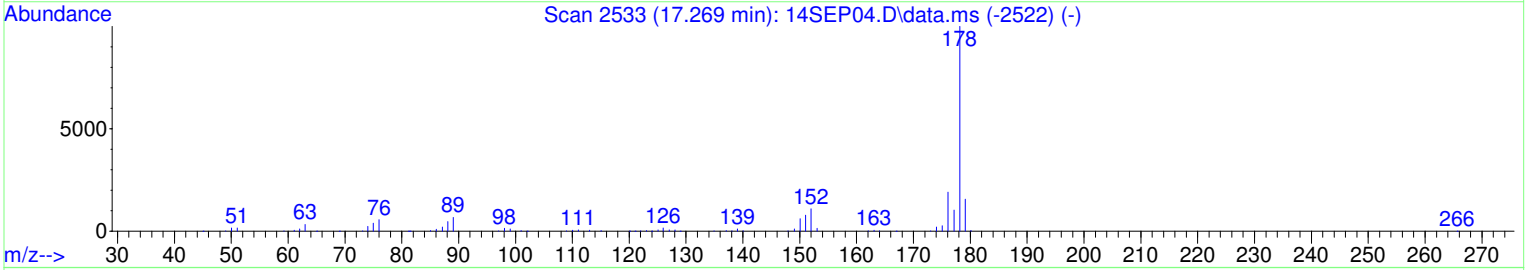
Created: Fri Mar 25 07:31:36 2011 MSD5

Data File : C:\MSD5\2011\MAR\MAR2411\S5032401.D Vial: 100
Acq On : 24 Mar 2011 12:03 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 25 07:13:39 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5032401.D\data.ms

(12) Benzidine

16.948min (+0.012) 0.00 ug/mL

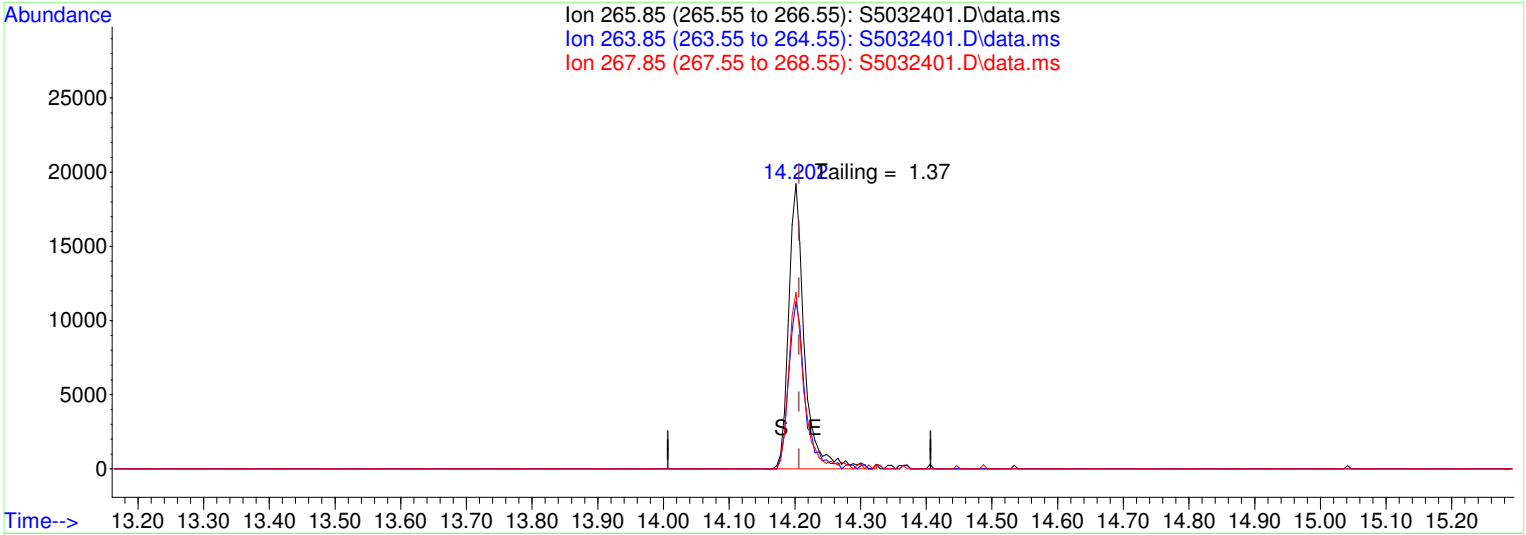
response 181436

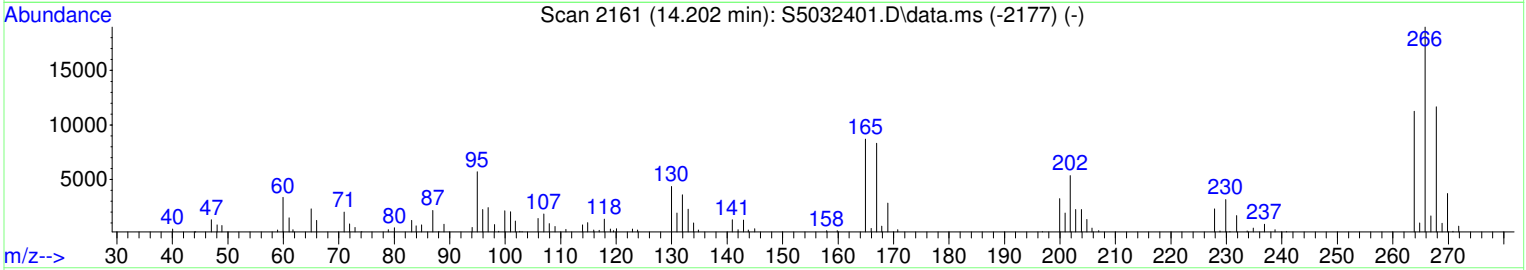
Ion	Exp%	Act%
184.15	100	100
185.15	14.50	17.16
92.05	8.50	9.21
0.00	0.00	0.00

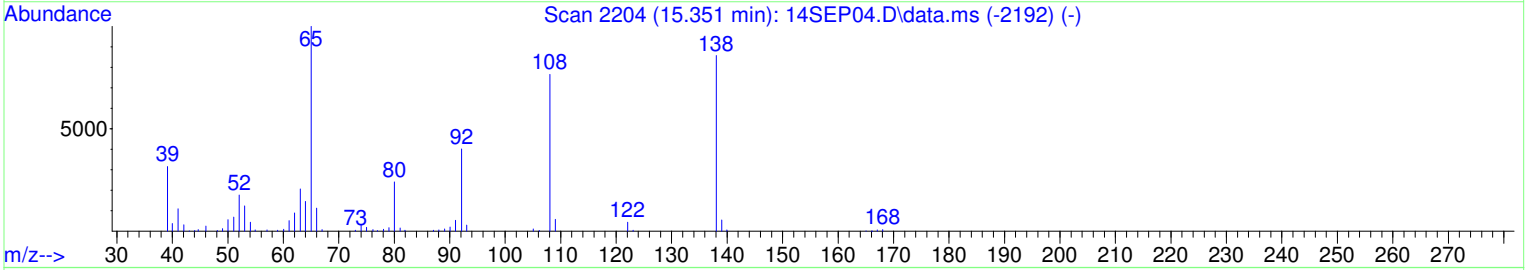
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR2411\S5032401.D Vial: 100
Acq On : 24 Mar 2011 12:03 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 25 07:13:39 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5032401.D\data.ms

(10) Pentachlorophenol (CM*)

14.202min (-0.005) 0.00 ug/mL

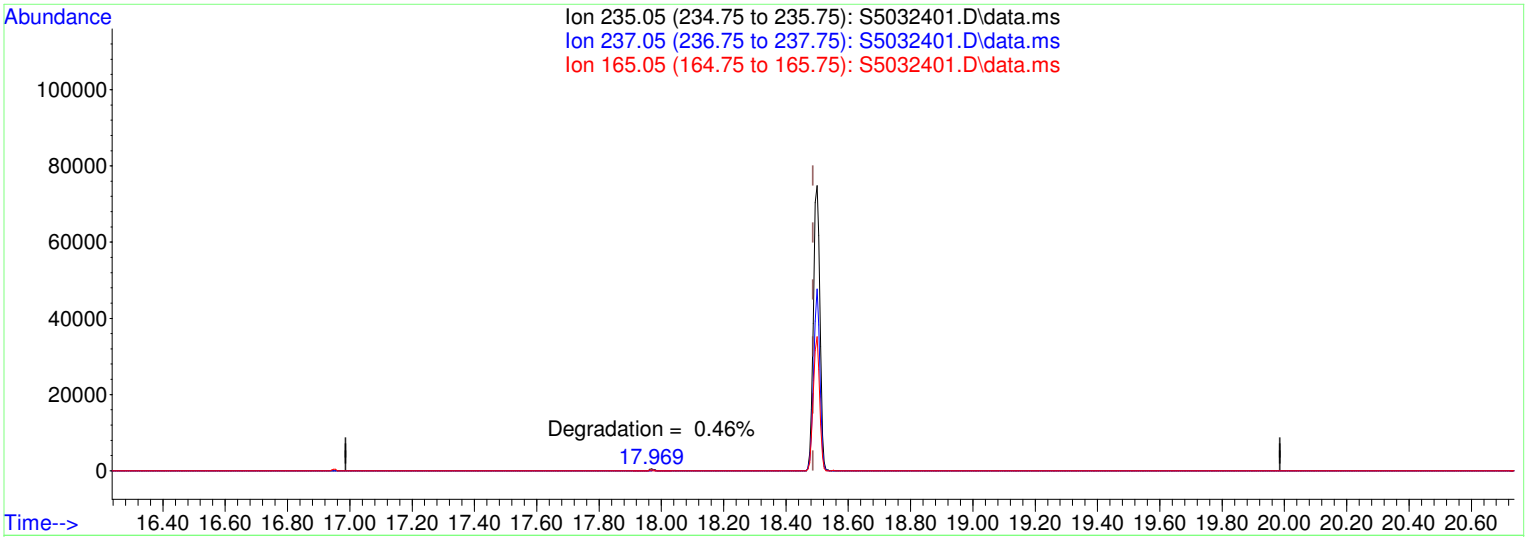
response 31816

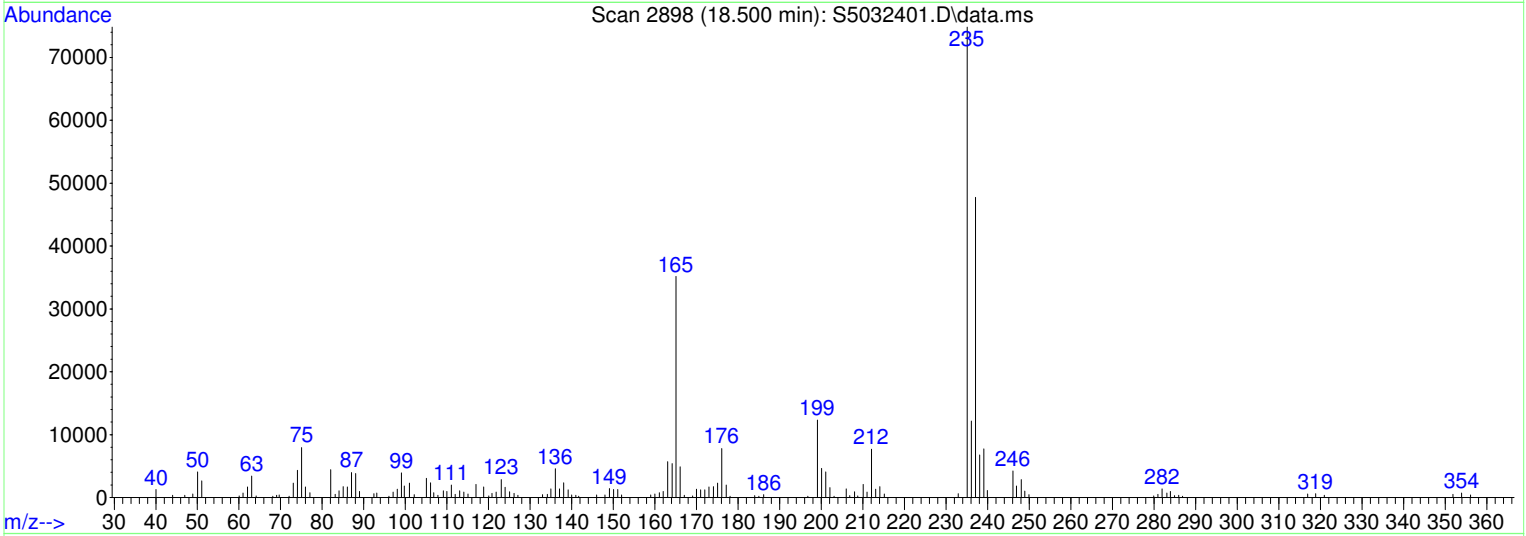
Ion	Exp%	Act%
265.85	100	100
263.85	61.50	58.55
267.85	62.40	61.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR2411\S5032401.D Vial: 100
Acq On : 24 Mar 2011 12:03 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 25 07:13:39 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration





TIC: S5032401.D\data.ms

(7) p,p'-DDT

18.500min (+0.013) 0.00 ug/mL

response 109064

Ion	Exp%	Act%
235.05	100	100
237.05	64.80	60.30
165.05	49.40	45.45
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2411\S5032402.D Vial: 1
Acq On : 24 Mar 2011 12:37 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 25 08:07:30 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:06:41 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	97	0.00
2		N-Nitrosodimethylamine	40.000	38.337	4.2	90	0.00
3	T	Pyridine	40.000	38.984	2.5	90	0.00
4	S	2-Fluorophenol	40.000	38.588	3.5	92	0.00
5		Pentachloroethane	40.000	39.693	0.8	96	0.00
6		Aniline	40.000	38.138	4.7	91	0.00
7	T	bis(2-Chloroethyl)ether	40.000	38.438	3.9	97	0.00
8	S	Phenol-d5	40.000	38.029	4.9	91	-0.01
9	CM*	Phenol	40.000	39.140	2.1	94	-0.01
10	M	2-Chlorophenol	40.000	38.500	3.8	95	0.00
11	T	1,3-Dichlorobenzene	40.000	38.246	4.4	92	0.00
12	CM*	1,4-Dichlorobenzene	40.000	40.023	-0.1	98	0.00
13	T	1,2-Dichlorobenzene	40.000	38.498	3.8	94	0.00
14	T	Benzyl alcohol	40.000	37.838	5.4	90	-0.01
15	T	bis(2-chloroisopropyl)ether	40.000	39.558	1.1	96	0.00
16	T	2-Methylphenol	40.000	39.186	2.0	94	-0.01
17	T	Hexachloroethane	40.000	38.943	2.6	97	0.00
18	PM**	N-Nitroso-di-n-propylamine	40.000	39.135	2.2	95	0.00
19	T	4-Methylphenol,3-Methylphen	40.000	39.642	0.9	95	0.00
20	I	Naphthalene-d8	40.000	40.000	0.0	99	0.00
21	S	Nitrobenzene-d5	40.000	37.794	5.5	94	0.00
22	T	Nitrobenzene	40.000	38.431	3.9	94	0.00
23	T	Isophorone	40.000	37.851	5.4	94	0.00
24	CT*	2-Nitrophenol	40.000	38.509	3.7	93	0.00
25	T	2,4-Dimethylphenol	40.000	38.688	3.3	95	-0.01
26	T	bis(2-Chloroethoxy)methane	40.000	36.945	7.6	92	0.00
27	CT*	2,4-Dichlorophenol	40.000	38.805	3.0	92	0.00
28	M	1,2,4-Trichlorobenzene	40.000	38.006	5.0	94	0.00
29	T	Naphthalene	40.000	37.427	6.4	94	0.00
30	T	4-Chloroaniline	40.000	37.013	7.5	90	0.00
31	T	Benzoic Acid	40.000	36.276	9.3	97	-0.04
32	CT*	Hexachlorobutadiene	40.000	39.042	2.4	94	0.00
33		Resorcinol	40.000	41.100	-2.8	104	0.00
34	CM*	4-Chloro-3-methylphenol	40.000	39.092	2.3	95	0.00
35	T	2-Methylnaphthalene	40.000	37.269	6.8	94	0.00
36		1-Methylnaphthalene	40.000	37.858	5.4	95	0.00
37	I	Acenaphthene-d10	40.000	40.000	0.0	102	0.00
38	PT**	Hexachlorocyclopentadiene	40.000	38.432	3.9	99	0.00
39	CT*	2,4,6-Trichlorophenol	40.000	37.586	6.0	93	0.00
40	T	2,4,5-Trichlorophenol	40.000	40.076	-0.2	98	0.00
41	S	2-Fluorobiphenyl	40.000	37.037	7.4	94	0.00
42	T	2-Chloronaphthalene	40.000	37.024	7.4	93	0.00
43	T	2-Nitroaniline	40.000	39.258	1.9	96	-0.01
44		1,4-Dinitrobenzene	40.000	35.930	10.2	94	-0.01
45	T	Acenaphthylene	40.000	38.101	4.7	94	0.00
46	T	Dimethylphthalate	40.000	35.138	12.2	91	-0.01
47		1,3-Dinitrobenzene	40.000	35.746	10.6	92	-0.01
48		1,2-Dinitrobenzene	40.000	35.746	10.6	92	-0.01
49	T	2,6-Dinitrotoluene	40.000	37.402	6.5	94	-0.01
50	CM*	Acenaphthene	40.000	37.451	6.4	93	0.00
51	T	3-Nitroaniline	40.000	35.703	10.7	88	-0.02
52	PT**	2,4-Dinitrophenol	40.000	36.699	8.3	92	-0.01
53	T	Dibenzofuran	40.000	37.594	6.0	94	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2411\S5032402.D Vial: 1
Acq On : 24 Mar 2011 12:37 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 25 08:07:30 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:06:41 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	40.075	-0.2	99	0.00
55		2,3,4,6-Tetrachlorophenol	40.000	38.159	4.6	93	0.00
56	M	2,4-Dinitrotoluene	40.000	38.104	4.7	90	-0.01
57	PM**	4-Nitrophenol	40.000	34.774	13.1	89	0.00
58	T	Fluorene	40.000	37.426	6.4	94	0.00
59	T	4-Chlorophenyl-phenylether	40.000	37.417	6.5	94	0.00
60	T	Diethylphthalate	40.000	36.720	8.2	94	-0.01
61	T	1,2-Diphenylhydrazine (Azob	40.000	38.117	4.7	96	0.00
62	T	4-Nitroaniline	40.000	35.703	10.7	88	-0.02
63	I	Phenanthrene-d10	40.000	40.000	0.0	99	0.00
64	T	4,6-Dinitro-2-methylphenol	40.000	36.049	9.9	90	0.00
65	CT*	n-Nitrosodiphenylamine	40.000	35.407	11.5	92	0.00
66	S	2,4,6-Tribromophenol	40.000	35.013	12.5	84	0.00
67	T	4-Bromophenyl-phenylether	40.000	37.398	6.5	97	0.00
68	T	Hexachlorobenzene	40.000	39.211	2.0	97	0.00
69	CM*	Pentachlorophenol	40.000	40.802	-2.0	108	0.00
70	T	Phenanthrene	40.000	38.769	3.1	97	0.00
71	T	Anthracene	40.000	38.076	4.8	95	0.00
72	T	Carbazole	40.000	38.268	4.3	94	-0.01
73	T	Di-n-butylphthalate	40.000	40.351	-0.9	98	0.00
74	CT*	Fluoranthene	40.000	40.063	-0.2	96	0.00
75	I	Chrysene-d12	40.000	40.000	0.0	102	-0.01
76	M	Pyrene	40.000	37.769	5.6	96	0.00
77		Benzidine	40.000	38.359	4.1	93	0.00
78	S	Terphenyl-d14	40.000	38.024	4.9	99	-0.01
79		3,3'-Dimethylbenzidine	40.000	0.000	100.0#	0	-18.32#
80	T	Butylbenzylphthalate	40.000	37.930	5.2	96	-0.01
81		bis(2-ethylhexyl)adipate	40.000	38.977	2.6	100	0.00
82	T	3,3'-Dichlorobenzidine	40.000	37.747	5.6	94	-0.01
83	T	Benzo[a]anthracene	40.000	37.452	6.4	95	0.00
84	T	Chrysene	40.000	38.277	4.3	95	-0.01
85	T	bis(2-Ethylhexyl)phthalate	40.000	40.179	-0.4	101	0.00
86	I	Perylene-d12	40.000	40.000	0.0	103	0.00
87	CT*	Di-n-octylphthalate	40.000	37.917	5.2	98	0.00
88	T	Benzo[b]fluoranthene	40.000	37.520	6.2	97	-0.01
89	T	Benzo[k]fluoranthene	40.000	37.566	6.1	95	-0.01
90	CT*	Benzo[a]pyrene	40.000	39.131	2.2	99	0.00
91	T	Indeno[1,2,3-cd]pyrene	40.000	38.566	3.6	97	-0.01
92	T	Dibenz[a,h]anthracene	40.000	38.678	3.3	99	-0.01
93	T	Benzo[g,h,i]perylene	40.000	39.533	1.2	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C2510 **Matrix:** Water **Department:** Metals **Instrument:** Hg

Sample Information File C:\AAUSER\SAMPINFO\110325A.SIF

Description : Hg Aqueous
Batch ID :
Volume Units :
Weight Units :
Analyst : APS
Sample Volume : 0.00

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	RINSE				
1	CALIBRATION BLANK				
2	STD 0.2 PPB				
3	STD 1.0 PPB				
4	STD 2.0 PPB				
5	STD 5.0 PPB				
6	STD 10.0 PPB				
7	ICV				
8	CCV				
9	1113227-BLK1				
10	1113227-BS1				
11	11C1255-07				
12	11C1255-08				
13	11C1255-09				
14	11C1255-33				
15	11C1255-34				
16	11C1255-35				
17	11C1255-36				
18	11C1255-37				
19	11C1255-38				
20	11C1255-39				
21	11C1255-40				
22	11C1255-41				
23	11C1381-02				
24	1113227-DUP1				
25	1113227-MS1				
26	1113227-MSD1				
27	11C1382-02				
28	11C1453-01				

==========

Method Name: Hg_dept40
Method Description: Hg_dept40
Element: Hg

Date: 03/25/2011
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: 110325A.SIF Results Data Set Name: 110325A

==========

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 03/25/2011
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0000	-0.0003	0.0000	02:30:52	No
2			0.0001	0.0003	0.0001	02:31:22	No
3			0.0000	-0.0003	0.0000	02:31:51	No
Mean:			0.0001				
SD :			0.0000				
%RSD:			53.4745				

Auto-zero performed.

==========

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 03/25/2011
Sample ID: 0.2 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0027	0.0128	0.0028	02:33:03	No
2			0.0026	0.0125	0.0027	02:33:32	No
3			0.0026	0.0125	0.0027	02:34:01	No
Mean:			0.0027				
SD :			0.0001				
%RSD:			2.1461				

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.01333
Intercept : 0.00000

==========

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 03/25/2011
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0132	0.0603	0.0133	02:35:14	No
2			0.0127	0.0596	0.0128	02:35:43	No
3			0.0126	0.0577	0.0126	02:36:12	No
Mean:			0.0128				
SD :			0.0003				
%RSD:			2.5173				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99997 Slope: 0.01281
Intercept : 0.00005

==========

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 03/25/2011
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0256	0.1162	0.0256	02:37:26	No
2			0.0244	0.1121	0.0244	02:37:55	No

3		0.0246	0.1139	0.0247	02:38:24	No
Mean:		0.0249				
SD :		0.0006				
%RSD:		2.5595				

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99985 Slope: 0.01242
Intercept : 0.00016

==========

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 03/25/2011
Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0624	0.2838	0.0624	02:39:39	No
2			0.0602	0.2731	0.0603	02:40:08	No
3			0.0609	0.2738	0.0610	02:40:37	No
Mean:			0.0612				
SD :			0.0011				
%RSD:			1.7965				

[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99995 Slope: 0.01220
Intercept : 0.00030

==========

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 03/25/2011
Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1198	0.5326	0.1198	02:41:52	No
2			0.1176	0.5327	0.1177	02:42:21	No
3			0.1171	0.5299	0.1172	02:42:50	No
Mean:			0.1182				
SD :			0.0014				
%RSD:			1.1850				

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99984 Slope: 0.01182
Intercept : 0.00078

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0001	---	----	----	----
0.2 PPB	0.0027	0.200	0.160	0.0001	2.1
1.0 PPB	0.0128	1.000	1.022	0.0003	2.5
2.0 PPB	0.0249	2.000	2.038	0.0006	2.6
5.0 PPB	0.0612	5.000	5.111	0.0011	1.8
10.0 PPB	0.1182	10.000	9.936	0.0014	1.2

Correlation Coefficient: 0.99984 Slope: 0.01182 Intercept: 0.0008

```
================================================================================
Element: Hg    Seq. No.: 7        AS Loc.: 0   Date: 03/25/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.050    -0.050    0.0002   0.0012   0.0003   02:44:39  No
 2       -0.046    -0.046    0.0002   0.0018   0.0003   02:45:08  No
 3       -0.053    -0.053    0.0001   0.0008   0.0002   02:45:37  No
Mean:    -0.050    -0.050    0.0002
SD  :    0.0034    0.0034    0.0000
%RSD:       6.8       6.8   21.4039
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 8        AS Loc.: 7   Date: 03/25/2011
Sample ID: ICV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        3.164     3.164    0.0382   0.1716   0.0382   02:46:49  No
 2        3.096     3.096    0.0374   0.1705   0.0374   02:47:18  No
 3        3.076     3.076    0.0371   0.1674   0.0372   02:47:47  No
Mean:     3.112     3.112    0.0375
SD  :    0.0464    0.0464    0.0005
%RSD:       1.5       1.5    1.4590
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 9        AS Loc.: 1   Date: 03/25/2011
Sample ID: ICB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.058    -0.058    0.0001   0.0001   0.0001   02:49:01  No
 2       -0.055    -0.055    0.0001   0.0011   0.0002   02:49:30  No
 3       -0.056    -0.056    0.0001   0.0008   0.0002   02:49:59  No
Mean:    -0.057    -0.057    0.0001
SD  :    0.0017    0.0017    0.0000
%RSD:       2.9       2.9   18.6338
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 10       AS Loc.: 9   Date: 03/25/2011
Sample ID: 1113227-BLK1
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.081    -0.081   -0.0002  -0.0001   0.0001   02:51:09  No
 2       -0.080    -0.080   -0.0002  -0.0002   0.0001   02:51:38  No
 3       -0.076    -0.076   -0.0001   0.0006   0.0001   02:52:07  No
Mean:    -0.079    -0.079   -0.0002
SD  :    0.0025    0.0025    0.0000
%RSD:       3.2       3.2   18.9759

================================================================================
Element: Hg    Seq. No.: 11       AS Loc.: 10   Date: 03/25/2011
Sample ID: 1113227-BS1
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        2.011     2.011    0.0245   0.1106   0.0248   02:53:19  No
 2        1.986     1.986    0.0242   0.1100   0.0245   02:53:48  No
 3        2.006     2.006    0.0245   0.1109   0.0247   02:54:17  No
Mean:     2.001     2.001    0.0244
SD  :    0.0129    0.0129    0.0002
%RSD:       0.6       0.6    0.6220
```

Element: Hg Seq. No.: 12 AS Loc.: 11 Date: 03/25/2011
Sample ID: 11C1255-07

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.073	-0.073	-0.0001	0.0006	0.0002	02:55:29	No
2	-0.070	-0.070	0.0000	0.0011	0.0002	02:55:58	No
3	-0.075	-0.075	-0.0001	0.0007	0.0001	02:56:27	No
Mean:	-0.073	-0.073	-0.0001				
SD :	0.0027	0.0027	0.0000				
%RSD:	3.8	3.8	38.8445				

Element: Hg Seq. No.: 13 AS Loc.: 12 Date: 03/25/2011
Sample ID: 11C1255-08

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.084	-0.084	-0.0002	0.0000	0.0000	02:57:41	No
2	-0.083	-0.083	-0.0002	-0.0002	0.0000	02:58:10	No
3	-0.078	-0.078	-0.0001	0.0006	0.0001	02:58:39	No
Mean:	-0.081	-0.081	-0.0002				
SD :	0.0031	0.0031	0.0000				
%RSD:	3.9	3.9	19.8708				

Element: Hg Seq. No.: 14 AS Loc.: 13 Date: 03/25/2011
Sample ID: 11C1255-09

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.083	-0.083	-0.0002	-0.0002	0.0000	02:59:53	No
2	-0.080	-0.080	-0.0002	-0.0002	0.0001	03:00:22	No
3	-0.076	-0.076	-0.0001	0.0005	0.0001	03:00:51	No
Mean:	-0.080	-0.080	-0.0002				
SD :	0.0036	0.0036	0.0000				
%RSD:	4.5	4.5	25.4297				

Element: Hg Seq. No.: 15 AS Loc.: 14 Date: 03/25/2011
Sample ID: 11C1255-33

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.080	-0.080	-0.0002	-0.0001	0.0001	03:02:06	No
2	-0.081	-0.081	-0.0002	0.0001	0.0001	03:02:35	No
3	-0.079	-0.079	-0.0002	0.0004	0.0001	03:03:04	No
Mean:	-0.080	-0.080	-0.0002				
SD :	0.0012	0.0012	0.0000				
%RSD:	1.5	1.5	8.3119				

Element: Hg Seq. No.: 16 AS Loc.: 15 Date: 03/25/2011
Sample ID: 11C1255-34

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.080	-0.080	-0.0002	0.0004	0.0001	03:04:20	No
2	-0.079	-0.079	-0.0002	0.0000	0.0001	03:04:49	No
3	-0.074	-0.074	-0.0001	0.0012	0.0001	03:05:18	No
Mean:	-0.078	-0.078	-0.0001				
SD :	0.0029	0.0029	0.0000				
%RSD:	3.8	3.8	24.1938				

Element: Hg Seq. No.: 17 AS Loc.: 16 Date: 03/25/2011
Sample ID: 11C1255-35

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.083	-0.083	-0.0002	-0.0004	0.0000	03:06:35	No
2	-0.080	-0.080	-0.0002	0.0007	0.0001	03:07:04	No
3	-0.083	-0.083	-0.0002	-0.0001	0.0000	03:07:33	No
Mean:	-0.082	-0.082	-0.0002				
SD :	0.0020	0.0020	0.0000				
%RSD:	2.5	2.5	12.3273				

Element: Hg Seq. No.: 18 AS Loc.: 17 Date: 03/25/2011
Sample ID: 11C1255-36

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.083	-0.083	-0.0002	-0.0002	0.0000	03:08:47	No
2	-0.082	-0.082	-0.0002	0.0001	0.0001	03:09:16	No
3	-0.078	-0.078	-0.0001	0.0005	0.0001	03:09:45	No
Mean:	-0.081	-0.081	-0.0002				
SD :	0.0027	0.0027	0.0000				
%RSD:	3.3	3.3	17.6826				

Element: Hg Seq. No.: 19 AS Loc.: 18 Date: 03/25/2011
Sample ID: 11C1255-37

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.075	-0.075	-0.0001	0.0011	0.0001	03:10:56	No
2	-0.080	-0.080	-0.0002	-0.0002	0.0001	03:11:25	No
3	-0.076	-0.076	-0.0001	0.0010	0.0001	03:11:54	No
Mean:	-0.077	-0.077	-0.0001				
SD :	0.0028	0.0028	0.0000				
%RSD:	3.6	3.6	24.6435				

Element: Hg Seq. No.: 20 AS Loc.: 8 Date: 03/25/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.112	3.112	0.0375	0.1644	0.0376	03:13:09	No
2	3.094	3.094	0.0373	0.1611	0.0374	03:13:38	No
3	3.108	3.108	0.0375	0.1622	0.0376	03:14:07	No
Mean:	3.105	3.105	0.0375				
SD :	0.0094	0.0094	0.0001				
%RSD:	0.3	0.3	0.2960				

QC value within specified limits.

Element: Hg Seq. No.: 21 AS Loc.: 1 Date: 03/25/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.064	-0.064	0.0000	0.0000	0.0001	03:15:22	No
2	-0.060	-0.060	0.0001	0.0007	0.0001	03:15:51	No
3	-0.066	-0.066	0.0000	-0.0003	0.0001	03:16:20	No
Mean:	-0.063	-0.063	0.0000				
SD :	0.0032	0.0032	0.0000				
%RSD:	5.0	5.0	123.8275				

QC value within specified limits.

Element: Hg Seq. No.: 22 AS Loc.: 19 Date: 03/25/2011
Sample ID: 11C1255-38

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.079	-0.079	-0.0002	0.0004	0.0001	03:17:31	No
2	-0.078	-0.078	-0.0002	0.0002	0.0001	03:18:00	No
3	-0.081	-0.081	-0.0002	-0.0001	0.0001	03:18:29	No
Mean:	-0.080	-0.080	-0.0002				
SD :	0.0012	0.0012	0.0000				
%RSD:	1.5	1.5	8.7663				

Element: Hg Seq. No.: 23 AS Loc.: 20 Date: 03/25/2011
Sample ID: 11C1255-39

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.079	-0.079	-0.0002	0.0001	0.0001	03:19:49	No
2	-0.076	-0.076	-0.0001	0.0006	0.0001	03:20:18	No
3	-0.076	-0.076	-0.0001	0.0004	0.0001	03:20:47	No
Mean:	-0.077	-0.077	-0.0001				
SD :	0.0021	0.0021	0.0000				
%RSD:	2.8	2.8	18.9746				

Element: Hg Seq. No.: 24 AS Loc.: 21 Date: 03/25/2011
Sample ID: 11C1255-40

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.079	-0.079	-0.0002	0.0004	0.0001	03:21:59	No
2	-0.070	-0.070	-0.0001	0.0014	0.0002	03:22:29	No
3	-0.075	-0.075	-0.0001	0.0005	0.0001	03:22:58	No
Mean:	-0.075	-0.075	-0.0001				
SD :	0.0048	0.0048	0.0001				
%RSD:	6.4	6.4	51.1999				

Element: Hg Seq. No.: 25 AS Loc.: 22 Date: 03/25/2011
Sample ID: 11C1255-41

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.079	-0.079	-0.0002	0.0001	0.0001	03:24:10	No
2	-0.077	-0.077	-0.0001	0.0007	0.0001	03:24:39	No
3	-0.078	-0.078	-0.0001	0.0001	0.0001	03:25:08	No
Mean:	-0.078	-0.078	-0.0001				
SD :	0.0014	0.0014	0.0000				
%RSD:	1.8	1.8	11.7328				

Element: Hg Seq. No.: 26 AS Loc.: 23 Date: 03/25/2011
Sample ID: 11C1381-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.083	-0.083	-0.0002	-0.0003	0.0000	03:26:21	No
2	-0.078	-0.078	-0.0001	0.0002	0.0001	03:26:50	No
3	-0.081	-0.081	-0.0002	-0.0003	0.0001	03:27:19	No
Mean:	-0.081	-0.081	-0.0002				
SD :	0.0027	0.0027	0.0000				
%RSD:	3.4	3.4	18.0849				

Element: Hg Seq. No.: 27 AS Loc.: 24 Date: 03/25/2011
Sample ID: 1113227-DUP1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.075	-0.075	-0.0001	0.0009	0.0001	03:28:33	No
2	-0.076	-0.076	-0.0001	0.0005	0.0001	03:29:02	No
3	-0.079	-0.079	-0.0002	0.0000	0.0001	03:29:31	No
Mean:	-0.077	-0.077	-0.0001				
SD :	0.0023	0.0023	0.0000				
%RSD:	3.0	3.0	20.8386				

Element: Hg Seq. No.: 28 AS Loc.: 25 Date: 03/25/2011
Sample ID: 1113227-MS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.943	1.943	0.0237	0.1018	0.0240	03:30:45	No
2	1.947	1.947	0.0238	0.1032	0.0240	03:31:14	No
3	1.953	1.953	0.0238	0.1029	0.0241	03:31:44	No
Mean:	1.947	1.947	0.0238				
SD :	0.0051	0.0051	0.0001				
%RSD:	0.3	0.3	0.2510				

Element: Hg Seq. No.: 29 AS Loc.: 26 Date: 03/25/2011
Sample ID: 1113227-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.954	1.954	0.0239	0.1023	0.0241	03:32:58	No
2	1.948	1.948	0.0238	0.1027	0.0240	03:33:27	No
3	1.952	1.952	0.0238	0.1031	0.0241	03:33:56	No
Mean:	1.951	1.951	0.0238				
SD :	0.0030	0.0030	0.0000				
%RSD:	0.2	0.2	0.1467				

Element: Hg Seq. No.: 30 AS Loc.: 27 Date: 03/25/2011
Sample ID: 11C1382-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	0.0005	0.0032	0.0007	03:35:11	No
2	-0.023	-0.023	0.0005	0.0033	0.0008	03:35:40	No
3	-0.022	-0.022	0.0005	0.0035	0.0008	03:36:09	No
Mean:	-0.024	-0.024	0.0005				
SD :	0.0017	0.0017	0.0000				
%RSD:	7.2	7.2	4.0069				

Element: Hg Seq. No.: 31 AS Loc.: 28 Date: 03/25/2011
Sample ID: 11C1453-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.049	-0.049	0.0002	0.0027	0.0004	03:37:25	No
2	-0.049	-0.049	0.0002	0.0025	0.0004	03:37:54	No
3	-0.053	-0.053	0.0002	0.0024	0.0004	03:38:23	No
Mean:	-0.050	-0.050	0.0002				
SD :	0.0019	0.0019	0.0000				
%RSD:	3.7	3.7	12.2167				

Element: Hg Seq. No.: 32 AS Loc.: 8 Date: 03/25/2011

Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.183	3.183	0.0384	0.1636	0.0384	03:39:40	No
2	3.158	3.158	0.0381	0.1625	0.0382	03:40:09	No
3	3.156	3.156	0.0381	0.1620	0.0381	03:40:38	No
Mean:	3.166	3.166	0.0382				
SD :	0.0149	0.0149	0.0002				
%RSD:	0.5	0.5	0.4617				

QC value within specified limits.

Element: Hg Seq. No.: 33 AS Loc.: 1 Date: 03/25/2011

Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.062	-0.062	0.0000	0.0003	0.0001	03:42:00	No
2	-0.059	-0.059	0.0001	0.0009	0.0001	03:42:29	No
3	-0.058	-0.058	0.0001	0.0010	0.0002	03:42:58	No
Mean:	-0.060	-0.060	0.0001				
SD :	0.0023	0.0023	0.0000				
%RSD:	3.8	3.8	39.8497				

QC value within specified limits.

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C2903 **Matrix:** Water **Department:** Metals **Instrument:** PE ELAN 9000

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Monday, March 28, 2011 10:59:31
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.178
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	37493.7	37493.700	424.113	1.1
	Rh	102.9	250542.8	250542.757	3238.465	1.3
	In	114.9	310890.7	310890.691	6580.042	2.1
	Pb	208.0	188119.2	188119.220	1522.934	0.8
	U	238.1	332834.6	332834.615	4118.240	1.2
⎡>	Ba	137.9	303553.7	303553.715	4841.902	1.6
⎣	Ba++	69.0	6842.6	0.023	0.003	13.8
⎡>	Ce	139.9	366802.4	366802.377	3782.762	1.0
⎣	CeO	155.9	7173.0	0.020	0.000	0.5
	Bkgd	220.0	32.6	32.567	1.677	5.2

Current Optimization File Data

Current Value	Description
0.78	Nebulizer Gas Flow
6.50	Lens Voltage
1350.00	ICP RF Power
-1937.50	Analog Stage Voltage
950.00	Pulse Stage Voltage
27.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.5	6051.3
Co	59	17	6.0	150877.0
In	115	17	7.0	354495.9

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	11.977	2750	2018	0.847	
Mg	23.985	24.028	5667	2012	0.864	
Rh	102.905	102.879	24850	2009	0.778	
Ce	139.905	139.879	33843	2005	0.768	
Pb	207.977	207.978	50407	1997	0.761	
U	238.050	238.026	57719	2008	0.705	

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 11:37:05
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\Blank.001
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	84467.11		
	Be	9		mg/L	21.00		
	B	11		mg/L	684.37		
	Na	23		mg/L	14556.12		
	Mg	24		mg/L	484.02		
	Al	27		mg/L	5524.40		
	Si	28		mg/L	194630.23		
	K	39		mg/L	2257033.64		
	Ca	44		mg/L	173006.47		
>	Sc	45		mg/L	386995.90		
	Ti	47		mg/L	2080.59		
	V	51		mg/L	-14168.52		
	Cr	52		mg/L	8223.81		
	Mn	55		mg/L	774.37		
	Fe	57		mg/L	13959.18		
	Ni	58		mg/L	3428.02		
	Co	59		mg/L	134.67		
	Ni	60		mg/L	348.68		
	Ni	62		mg/L	156.34		
	Cu	63		mg/L	430.01		
	Cu	65		mg/L	285.67		
	Zn	66		mg/L	634.36		
	Zn	68		mg/L	646.36		
	Ga	69		mg/L	1757.86		
>	Ge	72		mg/L	229560.42		
	As	75		mg/L	171.08		
	Se	77		mg/L	3055.55		
	Se	82		mg/L	0.53		
	Sr	88		mg/L	257.67		
>	Y	89		mg/L	889782.43		
	Mo	95		mg/L	49.67		
	Mo	98		mg/L	58.24		
>	Rh	103		mg/L	804729.66		
	Ag	107		mg/L	93.67		
	Ag	109		mg/L	73.33		
	Cd	111		mg/L	33.00		
	Cd	114		mg/L	123.78		
>	In	115		mg/L	993658.23		
	Sn	118		mg/L	277.34		
	Sn	120		mg/L	366.40		
	Sb	121		mg/L	230.67		
	Sb	123		mg/L	179.94		
	Ba	135		mg/L	60.67		

	Ba	137	mg/L	90.48
>	Tb	159	mg/L	1345343.31
>	Ho	165	mg/L	1332334.36
	Hg	202	mg/L	76.33
	Tl	203	mg/L	575.36
	Tl	205	mg/L	1350.78
	Pb	208	mg/L	398.01
	Bi	209	mg/L	155.00
	Th	232	mg/L	1129.42
	U	238	mg/L	42.00

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 11:42:10
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\Standard 1.002
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	82108.69	82108.687	1.686
	Be	9		mg/L	87.67	0.001	8.232
	B	11		mg/L	639.03	-0.000	93.787
	Na	23		mg/L	111609.07	0.260	1.710
	Mg	24		mg/L	1958.90	0.004	2.573
	Al	27		mg/L	4403.11	-0.003	16.002
	Si	28		mg/L	201864.27	0.034	14.360
	K	39		mg/L	2264771.78	0.196	121.350
	Ca	44		mg/L	178734.72	0.029	12.067
>	Sc	45		mg/L	375643.36	375643.362	1.024
	Ti	47		mg/L	2332.66	0.001	14.206
	V	51		mg/L	-10913.58	0.008	121.596
	Cr	52		mg/L	10382.36	0.006	14.119
	Mn	55		mg/L	3260.62	0.007	7.015
	Fe	57		mg/L	13994.24	0.001	20.665
	Ni	58		mg/L	4671.25	0.006	22.021
	Co	59		mg/L	2107.93	0.009	7.196
	Ni	60		mg/L	836.05	0.002	9.001
	Ni	62		mg/L	236.01	0.000	3.068
	Cu	63		mg/L	3833.18	0.015	1.537
	Cu	65		mg/L	1953.90	0.007	6.939
	Zn	66		mg/L	2128.94	0.007	6.217
	Zn	68		mg/L	1891.88	0.006	7.426
	Ga	69		mg/L	4168.33	0.011	4.760
>	Ge	72		mg/L	224777.15	224777.153	3.060
	As	75		mg/L	676.57	0.002	48.591
	Se	77		mg/L	3604.09	0.003	49.084
	Se	82		mg/L	19.86	0.000	117.234
	Sr	88		mg/L	4303.39	0.005	5.603
>	Y	89		mg/L	854747.65	854747.650	5.945
	Mo	95		mg/L	653.36	0.001	1.251
	Mo	98		mg/L	1001.43	0.001	9.916
>	Rh	103		mg/L	820097.07	820097.071	5.175
	Ag	107		mg/L	1758.19	0.002	1.957
	Ag	109		mg/L	1665.17	0.002	9.772
	Cd	111		mg/L	474.02	0.001	9.085
	Cd	114		mg/L	1195.41	0.001	9.181
>	In	115		mg/L	973948.58	973948.579	3.438
	Sn	118		mg/L	1517.48	0.001	4.085
	Sn	120		mg/L	2104.87	0.002	3.790
	Sb	121		mg/L	2117.27	0.002	7.826
	Sb	123		mg/L	1640.64	0.002	4.770
	Ba	135		mg/L	576.02	0.000	10.411

	Ba	137	mg/L	930.09	0.001	10.801
>	Tb	159	mg/L	1317113.91	1317113.913	5.574
>	Ho	165	mg/L	1283369.97	1283369.969	1.770
	Hg	202	mg/L	51.00	-0.000	33.322
	Tl	203	mg/L	2058.59	0.001	13.318
	Tl	205	mg/L	4882.69	0.003	5.901
	Pb	208	mg/L	7380.91	0.005	0.261
	Bi	209	mg/L	4982.75	0.004	7.178
	Th	232	mg/L	3765.15	0.002	13.182
	U	238	mg/L	5598.11	0.004	4.902

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 11:47:17
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\Standard 2.003
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	80346.00	80345.999	1.360
	Be	9	0.001000	mg/L	149.00	0.002	8.030
	B	11	0.001000	mg/L	705.03	0.001	85.745
	Na	23	0.100000	mg/L	168143.08	0.404	2.240
	Mg	24	0.001000	mg/L	1752.52	0.003	3.884
	Al	27	0.001000	mg/L	4328.07	-0.003	7.993
	Si	28	0.001000	mg/L	194798.48	0.009	152.631
	K	39	0.100000	mg/L	2225089.91	0.013	2702.734
	Ca	44	0.100000	mg/L	177807.53	0.020	47.837
>	Sc	45		mg/L	380874.87	380874.871	1.952
	Ti	47	0.001000	mg/L	2442.02	0.001	4.983
	V	51	0.001000	mg/L	-12334.46	0.004	216.857
	Cr	52	0.001000	mg/L	12093.83	0.011	6.631
	Mn	55	0.001000	mg/L	5187.53	0.012	8.372
	Fe	57	0.001000	mg/L	13909.11	0.000	228.390
	Ni	58	0.001000	mg/L	5169.19	0.008	15.339
	Co	59	0.001000	mg/L	3712.46	0.016	10.355
	Ni	60	0.001000	mg/L	1135.42	0.003	7.102
	Ni	62	0.001000	mg/L	269.01	0.000	23.388
	Cu	63	0.001000	mg/L	2600.07	0.010	3.624
	Cu	65	0.001000	mg/L	1314.77	0.005	3.353
	Zn	66	0.001000	mg/L	1344.45	0.003	18.283
	Zn	68	0.001000	mg/L	1242.10	0.003	24.361
	Ga	69	0.001000	mg/L	5888.97	0.018	8.606
>	Ge	72		mg/L	227852.83	227852.826	3.921
	As	75	0.001000	mg/L	864.50	0.003	40.066
	Se	77	0.001000	mg/L	3958.23	0.004	15.497
	Se	82	0.001000	mg/L	15.43	0.000	110.180
	Sr	88	0.001000	mg/L	7420.11	0.008	6.929
>	Y	89		mg/L	859663.81	859663.815	2.797
	Mo	95	0.001000	mg/L	1194.09	0.001	1.236
	Mo	98	0.001000	mg/L	2013.57	0.002	1.510
>	Rh	103		mg/L	784973.77	784973.769	5.648
	Ag	107	0.001000	mg/L	3220.27	0.004	3.471
	Ag	109	0.001000	mg/L	3258.28	0.004	10.211
	Cd	111	0.001000	mg/L	867.05	0.001	11.533
	Cd	114	0.001000	mg/L	1979.57	0.002	9.083
>	In	115		mg/L	962828.68	962828.678	2.433
	Sn	118	0.001000	mg/L	2679.42	0.003	2.107
	Sn	120	0.001000	mg/L	3632.74	0.003	2.148
	Sb	121	0.001000	mg/L	3853.19	0.004	4.591
	Sb	123	0.001000	mg/L	3006.38	0.003	7.992
	Ba	135	0.001000	mg/L	918.06	0.001	7.268

	Ba	137	0.001000	mg/L	1538.27	0.001	9.101
>	Tb	159		mg/L	1347901.76	1347901.760	3.907
>	Ho	165		mg/L	1306236.76	1306236.758	2.486
	Hg	202	0.000020	mg/L	57.33	-0.000	38.609
	Tl	203	0.001000	mg/L	3525.72	0.002	13.408
	Tl	205	0.001000	mg/L	8132.72	0.005	6.327
	Pb	208	0.001000	mg/L	11531.35	0.009	3.332
	Bi	209	0.001000	mg/L	9280.83	0.007	3.798
	Th	232	0.001000	mg/L	7992.93	0.005	7.723
	U	238	0.001000	mg/L	10394.04	0.008	4.712

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 11:52:23
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\Standard 3.004
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	78762.71	78762.711	3.004
	Be	9	0.005002	mg/L	677.03	0.008	10.007
	B	11	0.004993	mg/L	1184.09	0.007	22.594
	Na	23	0.500745	mg/L	771948.63	1.980	0.543
	Mg	24	0.005043	mg/L	6217.86	0.015	7.198
	Al	27	0.005035	mg/L	10403.05	0.013	14.552
	Si	28	0.003008	mg/L	199830.36	0.021	197.039
	K	39	0.505020	mg/L	3124921.79	2.342	13.358
	Ca	44	0.505730	mg/L	211212.46	0.106	19.208
>	Sc	45		mg/L	382651.82	382651.821	4.910
	Ti	47	0.005012	mg/L	3517.38	0.004	11.032
	V	51	0.005057	mg/L	-47.39	0.037	49.218
	Cr	52	0.004998	mg/L	23882.58	0.041	10.624
	Mn	55	0.005003	mg/L	22210.70	0.056	0.619
	Fe	57	0.004752	mg/L	13877.40	0.000	693.525
	Ni	58	0.005016	mg/L	12906.96	0.042	6.329
	Co	59	0.005003	mg/L	17926.85	0.079	3.935
	Ni	60	0.005007	mg/L	4222.69	0.017	5.515
	Ni	62	0.005015	mg/L	764.04	0.003	9.573
	Cu	63	0.005072	mg/L	10874.95	0.046	3.707
	Cu	65	0.005074	mg/L	5406.66	0.023	4.440
	Zn	66	0.005126	mg/L	3897.87	0.015	1.239
	Zn	68	0.005147	mg/L	3051.88	0.011	10.042
	Ga	69	0.005001	mg/L	19327.74	0.078	5.982
>	Ge	72		mg/L	225210.29	225210.295	1.261
	As	75	0.005016	mg/L	4089.13	0.017	11.255
	Se	77	0.004953	mg/L	4724.28	0.008	13.523
	Se	82	0.005034	mg/L	220.15	0.000	1.622
	Sr	88	0.005003	mg/L	34987.33	0.041	6.251
>	Y	89		mg/L	849518.81	849518.811	1.516
	Mo	95	0.005003	mg/L	5920.32	0.007	5.021
	Mo	98	0.004999	mg/L	9591.19	0.011	3.689
>	Rh	103		mg/L	774902.03	774902.028	4.897
	Ag	107	0.005002	mg/L	16089.06	0.021	2.229
	Ag	109	0.004998	mg/L	15702.38	0.020	5.533
	Cd	111	0.005000	mg/L	4121.98	0.005	11.414
	Cd	114	0.005004	mg/L	9583.40	0.012	11.400
>	In	115		mg/L	960243.12	960243.125	1.582
	Sn	118	0.005000	mg/L	12126.87	0.012	1.688
	Sn	120	0.005001	mg/L	16435.65	0.017	1.995
	Sb	121	0.004983	mg/L	12456.34	0.013	6.181
	Sb	123	0.004984	mg/L	9891.23	0.010	8.231
	Ba	135	0.005007	mg/L	4280.05	0.003	4.747

	Ba	137	0.005006	mg/L	7375.19	0.006	7.732
>	Tb	159		mg/L	1326413.27	1326413.267	5.132
>	Ho	165		mg/L	1302671.92	1302671.921	5.212
	Hg	202	0.000504	mg/L	47.33	-0.000	15.099
	Tl	203	0.005003	mg/L	16452.72	0.012	8.887
	Tl	205	0.005005	mg/L	38465.77	0.029	11.502
	Pb	208	0.005007	mg/L	54738.91	0.042	3.220
	Bi	209	0.005002	mg/L	45565.73	0.035	3.406
	Th	232	0.005003	mg/L	45292.81	0.034	9.890
	U	238	0.005002	mg/L	51032.85	0.039	8.901

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 11:57:30
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\Standard 4.005
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	77801.62	77801.619	0.671
	Be	9	0.009959	mg/L	1291.10	0.016	4.260
	B	11	0.009964	mg/L	1767.19	0.015	6.458
	Na	23	1.004255	mg/L	1542324.25	4.019	1.371
	Mg	24	0.010210	mg/L	12709.68	0.032	3.493
	Al	27	0.010173	mg/L	18966.30	0.036	4.858
	Si	28	0.012231	mg/L	206385.74	0.040	12.754
	K	39	1.019274	mg/L	4357587.82	5.628	6.234
	Ca	44	1.022491	mg/L	257280.42	0.230	1.942
>	Sc	45		mg/L	380198.48	380198.476	1.125
	Ti	47	0.009898	mg/L	4627.89	0.007	5.385
	V	51	0.009748	mg/L	9827.08	0.063	32.069
	Cr	52	0.010008	mg/L	38656.11	0.080	2.978
	Mn	55	0.010048	mg/L	44330.03	0.115	3.355
	Fe	57	0.014521	mg/L	14371.50	0.002	40.607
	Ni	58	0.010007	mg/L	22514.75	0.084	5.761
	Co	59	0.010004	mg/L	35948.02	0.158	6.563
	Ni	60	0.010116	mg/L	8700.25	0.037	5.948
	Ni	62	0.010063	mg/L	1426.46	0.006	5.332
	Cu	63	0.010213	mg/L	22518.77	0.097	0.727
	Cu	65	0.010150	mg/L	10675.37	0.046	2.436
	Zn	66	0.010706	mg/L	10379.03	0.043	7.208
	Zn	68	0.010713	mg/L	7531.20	0.030	7.308
	Ga	69	0.010047	mg/L	37538.72	0.158	4.120
>	Ge	72		mg/L	227219.02	227219.016	2.950
	As	75	0.009993	mg/L	8005.34	0.034	3.195
	Se	77	0.009772	mg/L	5635.80	0.012	11.034
	Se	82	0.010095	mg/L	490.92	0.001	13.113
	Sr	88	0.009998	mg/L	70113.07	0.081	5.090
>	Y	89		mg/L	861677.43	861677.433	3.720
	Mo	95	0.010016	mg/L	12084.16	0.014	2.076
	Mo	98	0.009981	mg/L	19157.29	0.022	0.568
>	Rh	103		mg/L	768279.54	768279.535	4.484
	Ag	107	0.009998	mg/L	31824.59	0.041	4.227
	Ag	109	0.010017	mg/L	31398.87	0.041	9.233
	Cd	111	0.010023	mg/L	8259.17	0.011	9.339
	Cd	114	0.010002	mg/L	18913.68	0.025	6.484
>	In	115		mg/L	935647.94	935647.935	3.879
	Sn	118	0.010038	mg/L	23922.47	0.025	4.156
	Sn	120	0.010079	mg/L	33230.00	0.035	2.456
	Sb	121	0.010471	mg/L	32504.08	0.035	8.213
	Sb	123	0.010454	mg/L	25516.66	0.027	7.355
	Ba	135	0.010015	mg/L	8301.87	0.006	8.371

	Ba	137	0.010009	mg/L	14298.69	0.011	11.489
>	Tb	159		mg/L	1296788.52	1296788.521	6.881
>	Ho	165		mg/L	1253680.20	1253680.197	3.208
	Hg	202	0.000792	mg/L	46.33	-0.000	16.261
	Tl	203	0.010051	mg/L	32333.47	0.025	8.141
	Tl	205	0.010073	mg/L	76833.17	0.060	5.358
	Pb	208	0.010081	mg/L	109427.21	0.087	0.380
	Bi	209	0.010050	mg/L	90186.94	0.072	5.707
	Th	232	0.010165	mg/L	98803.64	0.078	8.613
	U	238	0.010026	mg/L	99549.12	0.079	6.495

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:02:38
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\Standard 5.006
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	76201.83	76201.834	1.358
	Be	9	0.100013	mg/L	12777.44	0.167	3.445
	B	11	0.100042	mg/L	13299.10	0.167	15.156
	Na	23	9.998614	mg/L	14687046.27	38.934	1.444
	Mg	24	0.099940	mg/L	105719.55	0.279	2.631
	Al	27	0.099994	mg/L	156176.84	0.401	6.237
	Si	28	0.100191	mg/L	290098.47	0.268	18.630
	K	39	10.003938	mg/L	25790726.65	62.620	0.866
	Ca	44	10.003206	mg/L	1040768.31	2.315	1.782
>	Sc	45		mg/L	376775.27	376775.265	2.600
	Ti	47	0.100008	mg/L	26486.13	0.065	3.788
	V	51	0.100167	mg/L	305531.17	0.849	7.849
	Cr	52	0.099980	mg/L	292791.89	0.757	5.986
	Mn	55	0.099978	mg/L	414734.28	1.098	1.670
	Fe	57	0.100405	mg/L	22670.47	0.024	2.415
	Ni	58	0.100017	mg/L	193558.30	0.860	1.104
	Co	59	0.100008	mg/L	352672.40	1.594	5.788
	Ni	60	0.099985	mg/L	79255.19	0.357	3.832
	Ni	62	0.099995	mg/L	12354.51	0.055	1.334
	Cu	63	0.100006	mg/L	203626.97	0.919	4.403
	Cu	65	0.100019	mg/L	97784.76	0.441	4.041
	Zn	66	0.099745	mg/L	63397.28	0.284	1.796
	Zn	68	0.099774	mg/L	45493.53	0.203	4.978
	Ga	69	0.099986	mg/L	336340.43	1.513	3.546
>	Ge	72		mg/L	221186.83	221186.826	1.027
	As	75	0.100032	mg/L	80250.89	0.362	4.336
	Se	77	0.097448	mg/L	7874.83	0.022	8.634
	Se	82	0.100036	mg/L	5240.20	0.006	1.747
	Sr	88	0.100000	mg/L	676109.79	0.807	4.932
>	Y	89		mg/L	837891.26	837891.261	2.270
	Mo	95	0.100002	mg/L	117651.17	0.140	2.225
	Mo	98	0.100025	mg/L	193509.61	0.231	2.249
>	Rh	103		mg/L	765994.49	765994.486	3.767
	Ag	107	0.099990	mg/L	312560.23	0.408	1.404
	Ag	109	0.099979	mg/L	303035.31	0.396	2.191
	Cd	111	0.099978	mg/L	79313.45	0.104	7.750
	Cd	114	0.100002	mg/L	187889.83	0.246	9.892
>	In	115		mg/L	941289.67	941289.670	1.910
	Sn	118	0.099986	mg/L	232475.20	0.247	3.360
	Sn	120	0.099981	mg/L	320759.32	0.340	4.915
	Sb	121	0.099977	mg/L	304671.18	0.324	5.938
	Sb	123	0.099981	mg/L	240812.62	0.256	6.304
	Ba	135	0.100012	mg/L	83235.17	0.065	4.077

	Ba	137	0.100003	mg/L	142083.82	0.110	6.626
>	Tb	159		mg/L	1289211.28	1289211.275	4.863
>	Ho	165		mg/L	1270233.11	1270233.106	3.426
	Hg	202	0.010275	mg/L	73.00	0.000	2508.942
	Tl	203	0.099999	mg/L	323707.16	0.255	5.672
	Tl	205	0.099989	mg/L	756313.82	0.595	7.121
	Pb	208	0.099985	mg/L	1069217.76	0.842	0.636
	Bi	209	0.099995	mg/L	904038.99	0.712	3.212
	Th	232	0.100012	mg/L	1029667.06	0.811	5.210
	U	238	0.099988	mg/L	985963.80	0.778	8.833

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:07:44
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-ICV1.007
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	78312.38	78312.379	4.283
	Be	9	0.039011	mg/L	5131.17	0.065	1.709
	B	11	0.035536	mg/L	5192.87	0.058	4.348
	Na	23	0.393974	mg/L	593855.57	1.592	0.398
	Mg	24	0.408886	mg/L	414417.19	1.137	2.056
	Al	27	0.200279	mg/L	299307.87	0.808	5.951
	Si	28	0.032102	mg/L	217911.53	0.096	49.692
	K	39	0.383704	mg/L	2801108.34	1.869	27.333
	Ca	44	0.520013	mg/L	206745.28	0.121	20.576
>	Sc	45		mg/L	364360.18	364360.176	4.003
	Ti	47	0.040638	mg/L	11678.29	0.027	1.057
	V	51	0.041569	mg/L	113326.73	0.348	5.443
	Cr	52	0.041998	mg/L	124030.42	0.320	8.776
	Mn	55	0.041789	mg/L	168220.57	0.460	5.047
	Fe	57	0.189603	mg/L	29744.94	0.046	3.895
	Ni	58	0.040047	mg/L	80177.68	0.344	9.553
	Co	59	0.039801	mg/L	141883.03	0.634	4.360
	Ni	60	0.040336	mg/L	32574.97	0.144	1.954
	Ni	62	0.040153	mg/L	5115.49	0.022	2.130
	Cu	63	0.038883	mg/L	80916.70	0.360	3.653
	Cu	65	0.038918	mg/L	38858.43	0.173	9.751
	Zn	66	0.037259	mg/L	25014.00	0.109	9.070
	Zn	68	0.037521	mg/L	18235.13	0.079	6.633
	Ga	69	0.041636	mg/L	143221.50	0.632	1.290
>	Ge	72		mg/L	223829.28	223829.284	4.188
	As	75	0.040249	mg/L	32670.85	0.145	2.890
	Se	77	0.023231	mg/L	5129.83	0.010	15.433
	Se	82	0.038763	mg/L	2021.04	0.002	9.738
	Sr	88	0.041039	mg/L	280518.92	0.332	2.595
>	Y	89		mg/L	846024.07	846024.070	6.301
	Mo	95	0.040485	mg/L	47977.78	0.057	4.978
	Mo	98	0.040313	mg/L	78266.70	0.093	10.550
>	Rh	103		mg/L	781401.20	781401.196	1.862
	Ag	107	0.022186	mg/L	70860.92	0.091	6.228
	Ag	109	0.021879	mg/L	67950.53	0.087	7.070
	Cd	111	0.039265	mg/L	31900.20	0.041	3.735
	Cd	114	0.038590	mg/L	74191.73	0.095	1.596
>	In	115		mg/L	922575.74	922575.740	5.895
	Sn	118	0.041260	mg/L	94133.67	0.102	4.293
	Sn	120	0.042135	mg/L	132426.62	0.144	7.945
	Sb	121	0.049125	mg/L	146251.86	0.159	11.061
	Sb	123	0.048001	mg/L	113016.13	0.123	8.930
	Ba	135	0.039157	mg/L	33170.54	0.025	8.517

	Ba	137	0.039900	mg/L	57786.50	0.044	5.688
>	Tb	159		mg/L	1311557.88	1311557.881	3.088
>	Ho	165		mg/L	1252279.85	1252279.847	4.557
	Hg	202	0.002132	mg/L	53.33	-0.000	21.590
	Tl	203	0.040804	mg/L	130442.19	0.104	2.166
	Tl	205	0.041789	mg/L	312049.21	0.249	5.987
	Pb	208	0.040508	mg/L	427544.47	0.342	4.150
	Bi	209	0.040294	mg/L	359599.71	0.287	1.658
	Th	232	0.042427	mg/L	428845.50	0.342	1.935
	U	238	0.041576	mg/L	404767.83	0.324	5.824

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:12:48
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-ICB1.008
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	75785.71	75785.706	4.225
	Be	9	0.000067	mg/L	18.00	-0.000	528.216
	B	11	0.000268	mg/L	539.69	-0.001	30.090
	Na	23	-0.015380	mg/L	14314.74	0.001	279.999
	Mg	24	-0.000730	mg/L	513.69	0.000	14.749
	Al	27	0.001311	mg/L	5097.81	-0.001	116.445
	Si	28	-0.015882	mg/L	179001.77	-0.024	195.629
	K	39	-0.027740	mg/L	1911661.65	-0.729	31.888
	Ca	44	-0.030545	mg/L	165069.18	-0.006	341.645
>	Sc	45		mg/L	375121.14	375121.137	4.804
	Ti	47	-0.000014	mg/L	2184.28	0.000	66.489
	V	51	0.000502	mg/L	-14765.26	-0.003	236.152
	Cr	52	-0.000283	mg/L	8476.37	0.001	152.591
	Mn	55	-0.000172	mg/L	769.37	0.000	168.070
	Fe	57	-0.010438	mg/L	12550.12	-0.003	43.465
	Ni	58	-0.000034	mg/L	3069.88	-0.001	147.281
	Co	59	0.000021	mg/L	119.00	-0.000	257.397
	Ni	60	-0.000252	mg/L	178.00	-0.001	15.694
	Ni	62	-0.000188	mg/L	127.67	-0.000	99.806
	Cu	63	-0.000464	mg/L	430.35	0.000	68.787
	Cu	65	-0.000434	mg/L	297.01	0.000	144.147
	Zn	66	-0.001976	mg/L	512.69	-0.000	39.603
	Zn	68	-0.001937	mg/L	640.03	0.000	101.570
	Ga	69	0.000020	mg/L	2569.06	0.004	6.608
>	Ge	72		mg/L	215847.74	215847.736	5.050
	As	75	0.000005	mg/L	30.28	-0.001	180.492
	Se	77	-0.011288	mg/L	3677.11	0.004	36.624
	Se	82	-0.000075	mg/L	-38.10	-0.000	26.761
	Sr	88	-0.000064	mg/L	244.01	0.000	337.015
>	Y	89		mg/L	829230.99	829230.991	6.773
	Mo	95	0.000551	mg/L	640.36	0.001	8.806
	Mo	98	0.000635	mg/L	1002.43	0.001	4.059
>	Rh	103		mg/L	790995.14	790995.136	1.798
	Ag	107	-0.000029	mg/L	144.67	0.000	33.849
	Ag	109	-0.000092	mg/L	143.00	0.000	37.253
	Cd	111	-0.000114	mg/L	43.67	0.000	7.194
	Cd	114	0.000010	mg/L	124.14	0.000	263.154
>	In	115		mg/L	945719.92	945719.917	5.038
	Sn	118	0.000058	mg/L	557.69	0.000	22.750
	Sn	120	0.000066	mg/L	769.66	0.000	33.029
	Sb	121	0.003401	mg/L	10472.88	0.011	18.544
	Sb	123	0.003494	mg/L	8463.94	0.009	13.597
	Ba	135	0.000032	mg/L	66.00	0.000	105.682

	Ba	137	0.000001	mg/L	97.16	0.000	57.808
>	Tb	159		mg/L	1270839.35	1270839.347	2.152
>	Ho	165		mg/L	1256933.45	1256933.455	3.864
	Hg	202	0.008344	mg/L	67.67	-0.000	82.948
	Tl	203	-0.000019	mg/L	168.67	-0.000	3.984
	Tl	205	-0.000065	mg/L	348.01	-0.001	4.844
	Pb	208	-0.000111	mg/L	421.34	0.000	119.979
	Bi	209	0.000071	mg/L	786.71	0.001	33.027
	Th	232	0.001271	mg/L	9420.68	0.007	14.813
	U	238	-0.000078	mg/L	119.67	0.000	24.830

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:17:53
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-LCV1.009
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	75047.75	75047.754	5.003
	Be	9	0.001163	mg/L	155.34	0.002	9.137
	B	11	0.001484	mg/L	685.70	0.001	89.245
	Na	23	0.088128	mg/L	165935.99	0.403	0.554
	Mg	24	0.000416	mg/L	1712.18	0.003	4.820
	Al	27	0.000778	mg/L	4310.07	-0.003	35.484
	Si	28	-0.007506	mg/L	187921.11	-0.003	827.491
	K	39	0.057658	mg/L	2123460.09	-0.190	80.867
	Ca	44	0.022954	mg/L	170474.68	0.006	261.162
>	Sc	45		mg/L	376590.37	376590.372	4.089
	Ti	47	0.001040	mg/L	2449.02	0.001	29.012
	V	51	0.001530	mg/L	-11593.20	0.006	114.293
	Cr	52	0.000818	mg/L	11633.23	0.010	28.026
	Mn	55	0.000873	mg/L	5087.47	0.012	2.233
	Fe	57	-0.011858	mg/L	12478.02	-0.003	23.821
	Ni	58	0.000941	mg/L	5033.78	0.008	3.371
	Co	59	0.001040	mg/L	3732.81	0.016	5.644
	Ni	60	0.000788	mg/L	1008.73	0.003	8.884
	Ni	62	0.000897	mg/L	265.01	0.001	5.255
	Cu	63	0.000577	mg/L	2560.05	0.010	7.534
	Cu	65	0.000611	mg/L	1325.78	0.005	7.601
	Zn	66	-0.000757	mg/L	1286.10	0.003	6.793
	Zn	68	-0.000747	mg/L	1186.76	0.003	2.273
	Ga	69	0.000974	mg/L	5846.27	0.019	2.831
>	Ge	72		mg/L	222263.38	222263.377	1.863
	As	75	0.001021	mg/L	840.45	0.003	64.239
	Se	77	-0.005771	mg/L	4003.25	0.005	6.096
	Se	82	0.001301	mg/L	33.14	0.000	99.864
	Sr	88	0.000964	mg/L	7103.18	0.008	3.875
>	Y	89		mg/L	826849.49	826849.487	2.255
	Mo	95	0.001249	mg/L	1445.80	0.002	4.352
	Mo	98	0.001327	mg/L	2319.38	0.003	9.208
>	Rh	103		mg/L	787667.05	787667.055	3.340
	Ag	107	0.000933	mg/L	3232.61	0.004	2.757
	Ag	109	0.000898	mg/L	3222.60	0.004	2.972
	Cd	111	0.000852	mg/L	830.71	0.001	9.210
	Cd	114	0.000986	mg/L	2007.35	0.002	10.675
>	In	115		mg/L	936931.06	936931.056	3.864
	Sn	118	0.000988	mg/L	2700.10	0.003	5.816
	Sn	120	0.000989	mg/L	3704.12	0.004	7.653
	Sb	121	0.002446	mg/L	7520.19	0.008	6.013
	Sb	123	0.002423	mg/L	5839.58	0.006	4.257
	Ba	135	0.001001	mg/L	889.05	0.001	3.686

	Ba	137	0.001001	mg/L	1543.94	0.001	6.875
>	Tb	159		mg/L	1310472.66	1310472.660	4.848
>	Ho	165		mg/L	1265200.15	1265200.153	6.191
	Hg	202	0.002100	mg/L	53.67	-0.000	42.039
	Tl	203	0.000965	mg/L	3339.98	0.002	6.202
	Tl	205	0.000934	mg/L	7849.47	0.005	13.038
	Pb	208	0.000916	mg/L	11334.90	0.009	4.213
	Bi	209	0.001035	mg/L	9471.03	0.007	4.588
	Th	232	0.001462	mg/L	11417.29	0.008	12.735
	U	238	0.000952	mg/L	10209.17	0.008	10.989

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:22:59
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-LCV2.010
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	74802.80	74802.802	5.292
	Be	9	0.004946	mg/L	628.69	0.008	5.872
	B	11	0.004597	mg/L	1075.07	0.006	11.406
	Na	23	0.482305	mg/L	749669.30	1.936	1.056
	Mg	24	0.004578	mg/L	6113.78	0.015	1.975
	Al	27	0.004729	mg/L	10448.79	0.013	9.046
	Si	28	-0.004748	mg/L	192135.59	0.004	986.316
	K	39	0.441630	mg/L	3061168.58	2.235	17.527
	Ca	44	0.371682	mg/L	202587.17	0.087	22.176
>	Sc	45		mg/L	379885.78	379885.776	3.823
	Ti	47	0.005057	mg/L	3455.02	0.004	9.377
	V	51	0.005371	mg/L	870.77	0.039	11.071
	Cr	52	0.004739	mg/L	22932.16	0.039	13.281
	Mn	55	0.004834	mg/L	21605.86	0.055	5.284
	Fe	57	-0.007019	mg/L	13030.47	-0.002	31.382
	Ni	58	0.005134	mg/L	12635.58	0.044	10.106
	Co	59	0.005181	mg/L	17828.65	0.082	5.573
	Ni	60	0.004783	mg/L	4047.61	0.017	4.186
	Ni	62	0.004448	mg/L	679.03	0.002	5.380
	Cu	63	0.004619	mg/L	10446.44	0.047	3.810
	Cu	65	0.004763	mg/L	5205.88	0.023	7.684
	Zn	66	0.003602	mg/L	3867.20	0.015	8.780
	Zn	68	0.003608	mg/L	3018.86	0.011	6.093
	Ga	69	0.005162	mg/L	19295.33	0.082	1.863
>	Ge	72		mg/L	215608.12	215608.118	3.904
	As	75	0.004768	mg/L	3760.23	0.017	11.771
	Se	77	0.008274	mg/L	4393.44	0.007	21.895
	Se	82	0.005054	mg/L	226.90	0.000	11.557
	Sr	88	0.005100	mg/L	34335.76	0.042	1.004
>	Y	89		mg/L	818528.35	818528.347	3.730
	Mo	95	0.005093	mg/L	5844.60	0.007	2.747
	Mo	98	0.005215	mg/L	9636.75	0.012	6.832
>	Rh	103		mg/L	788696.81	788696.807	3.903
	Ag	107	0.004832	mg/L	15748.79	0.020	6.107
	Ag	109	0.004671	mg/L	14946.81	0.019	11.623
	Cd	111	0.004615	mg/L	3899.54	0.005	7.759
	Cd	114	0.004749	mg/L	9297.73	0.012	3.849
>	In	115		mg/L	958597.00	958596.997	5.449
	Sn	118	0.004900	mg/L	12004.72	0.012	1.734
	Sn	120	0.004869	mg/L	16409.30	0.017	8.008
	Sb	121	0.004837	mg/L	15067.99	0.016	10.824
	Sb	123	0.004851	mg/L	11902.90	0.012	8.847
	Ba	135	0.005136	mg/L	4293.06	0.003	9.821

	Ba	137	0.005165	mg/L	7404.88	0.006	9.021
>	Tb	159		mg/L	1284739.67	1284739.668	3.885
>	Ho	165		mg/L	1252061.76	1252061.761	2.768
	Hg	202	0.004256	mg/L	58.00	-0.000	58.444
	Tl	203	0.005076	mg/L	16441.71	0.013	2.525
	Tl	205	0.005052	mg/L	38485.04	0.030	5.121
	Pb	208	0.004910	mg/L	53253.96	0.042	2.521
	Bi	209	0.005123	mg/L	45864.15	0.036	3.513
	Th	232	0.005023	mg/L	47669.33	0.037	3.198
	U	238	0.005075	mg/L	50216.20	0.040	4.797

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:28:05
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-SCV1.011
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	84370.62	84370.617	5.361
	Be	9	0.433886	mg/L	61283.55	0.727	3.167
	B	11	0.390359	mg/L	55771.79	0.654	6.378
	Na	23	4.945276	mg/L	7244890.99	19.287	2.092
	Mg	24	4.666272	mg/L	4855849.15	12.950	2.823
	Al	27	2.207533	mg/L	3367992.58	8.971	0.890
	Si	28	0.439356	mg/L	608551.61	1.121	5.843
	K	39	5.053491	mg/L	13935687.10	31.358	6.396
	Ca	44	5.234727	mg/L	621648.13	1.212	3.410
>	Sc	45		mg/L	374851.68	374851.682	1.047
	Ti	47	0.504244	mg/L	124134.92	0.326	5.458
	V	51	0.416638	mg/L	1317803.62	3.552	3.574
	Cr	52	0.498400	mg/L	1416044.47	3.758	5.366
	Mn	55	0.451977	mg/L	1859700.13	4.959	0.892
	Fe	57	2.442632	mg/L	233946.53	0.588	3.947
	Ni	58	0.529254	mg/L	986822.69	4.553	8.689
	Co	59	0.507711	mg/L	1749793.55	8.093	4.498
	Ni	60	0.513939	mg/L	397045.54	1.833	0.199
	Ni	62	0.511518	mg/L	61242.91	0.282	2.248
	Cu	63	0.495688	mg/L	981715.02	4.538	3.631
	Cu	65	0.510631	mg/L	484717.17	2.243	8.264
	Zn	66	0.538861	mg/L	326944.54	1.511	8.675
	Zn	68	0.534611	mg/L	231757.27	1.069	6.378
	Ga	69	0.514885	mg/L	1683322.48	7.773	2.062
>	Ge	72		mg/L	216435.13	216435.127	3.645
	As	75	0.514863	mg/L	403767.43	1.867	4.206
	Se	77	0.550406	mg/L	24370.61	0.100	10.557
	Se	82	0.516590	mg/L	26281.88	0.032	10.313
	Sr	88	0.474880	mg/L	3109929.68	3.831	2.313
>	Y	89		mg/L	812334.83	812334.830	5.542
	Mo	95	0.517395	mg/L	589070.03	0.726	4.295
	Mo	98	0.516729	mg/L	966833.30	1.194	8.751
>	Rh	103		mg/L	766892.64	766892.641	2.570
	Ag	107	0.261996	mg/L	818720.26	1.068	3.981
	Ag	109	0.264659	mg/L	801612.50	1.047	7.965
	Cd	111	0.500967	mg/L	397720.54	0.519	5.109
	Cd	114	0.490308	mg/L	924080.17	1.205	0.804
>	In	115		mg/L	956228.99	956228.989	5.780
	Sn	118	0.499673	mg/L	1177348.53	1.232	3.090
	Sn	120	0.489337	mg/L	1586796.23	1.665	10.063
	Sb	121	0.536102	mg/L	1653025.17	1.736	11.780
	Sb	123	0.524738	mg/L	1280658.12	1.343	7.936
	Ba	135	0.507516	mg/L	419189.73	0.328	5.836

	Ba	137	0.503237	mg/L	710031.99	0.555	5.771
>	Tb	159		mg/L	1279046.76	1279046.762	1.610
>	Ho	165		mg/L	1284952.80	1284952.797	2.928
	Hg	202	0.051228	mg/L	170.00	0.000	10.019
	Tl	203	0.499256	mg/L	1635723.67	1.273	1.328
	Tl	205	0.461289	mg/L	3527880.73	2.748	6.377
	Pb	208	0.468055	mg/L	5053898.85	3.936	3.919
	Bi	209	0.446428	mg/L	4085856.92	3.179	3.207
	Th	232	0.460715	mg/L	4816684.66	3.748	3.376
	U	238	0.446804	mg/L	4458152.54	3.473	5.272

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:33:10
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-HCV1.012
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	96085.58	96085.581	2.305
	Be	9	0.753379	mg/L	121343.59	1.262	1.915
	B	11	0.677616	mg/L	110007.40	1.137	1.596
	Na	23	9.493881	mg/L	14049384.33	36.971	1.070
	Mg	24	8.921753	mg/L	9398638.41	24.759	1.152
	Al	27	4.264455	mg/L	6584378.96	17.336	1.235
	Si	28	0.869604	mg/L	1026003.61	2.203	7.466
	K	39	9.861862	mg/L	25603343.20	61.723	9.003
	Ca	44	9.876083	mg/L	1036397.95	2.285	4.535
>	Sc	45		mg/L	379560.03	379560.030	2.858
	Ti	47	0.991678	mg/L	245034.80	0.640	1.965
	V	51	0.812623	mg/L	2618882.58	6.935	2.350
	Cr	52	0.885066	mg/L	2536876.66	6.670	6.153
	Mn	55	0.862042	mg/L	3586666.64	9.456	5.544
	Fe	57	4.685687	mg/L	441644.97	1.128	1.382
	Ni	58	1.010106	mg/L	1870686.55	8.691	8.674
	Co	59	0.893685	mg/L	3063274.40	14.245	6.309
	Ni	60	1.005777	mg/L	772567.55	3.587	2.346
	Ni	62	1.006204	mg/L	119822.00	0.555	4.505
	Cu	63	0.958768	mg/L	1889648.30	8.773	1.875
	Cu	65	0.984283	mg/L	929278.32	4.321	7.004
	Zn	66	1.028269	mg/L	619538.73	2.879	7.164
	Zn	68	1.032042	mg/L	443874.51	2.061	5.532
	Ga	69	0.920810	mg/L	2993928.71	13.899	2.226
>	Ge	72		mg/L	215433.49	215433.491	4.471
	As	75	1.004850	mg/L	784728.06	3.644	2.381
	Se	77	1.062299	mg/L	43019.72	0.187	8.234
	Se	82	1.017752	mg/L	52015.18	0.064	11.832
	Sr	88	0.931106	mg/L	6117677.39	7.512	3.899
>	Y	89		mg/L	815325.42	815325.421	4.533
	Mo	95	1.010923	mg/L	1156043.81	1.419	3.284
	Mo	98	1.013613	mg/L	1906344.31	2.342	6.077
>	Rh	103		mg/L	772275.74	772275.742	3.219
	Ag	107	0.465233	mg/L	1462707.82	1.897	6.804
	Ag	109	0.461887	mg/L	1408748.39	1.826	9.142
	Cd	111	0.952426	mg/L	761371.73	0.987	5.462
	Cd	114	0.948832	mg/L	1800085.78	2.331	1.560
>	In	115		mg/L	931548.80	931548.799	3.696
	Sn	118	0.916708	mg/L	2105525.85	2.261	1.767
	Sn	120	0.910485	mg/L	2883996.73	3.099	4.027
	Sb	121	0.995528	mg/L	2997515.47	3.224	8.356
	Sb	123	0.980296	mg/L	2332900.27	2.509	8.617
	Ba	135	1.012609	mg/L	827230.61	0.654	8.711

	Ba	137	1.023796	mg/L	1429082.44	1.130	8.143
>	Tb	159		mg/L	1267427.81	1267427.815	4.153
>	Ho	165		mg/L	1253004.42	1253004.416	1.394
	Hg	202	0.097702	mg/L	272.34	0.000	3.711
	Tl	203	0.903202	mg/L	2886535.71	2.303	2.465
	Tl	205	0.928602	mg/L	6931562.96	5.532	2.976
	Pb	208	0.891273	mg/L	9386558.46	7.494	4.533
	Bi	209	0.913801	mg/L	8155078.50	6.507	2.287
	Th	232	0.926949	mg/L	9456837.45	7.545	2.848
	U	238	0.918329	mg/L	8943903.19	7.137	1.451

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:38:15
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-IFA1.013
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	71248.30	71248.302	2.865
	Be	9	0.000095	mg/L	20.33	0.000	47.719
	B	11	0.008149	mg/L	1451.47	0.012	30.288
	Na	23	23.063079	mg/L	34263659.74	89.726	0.500
	Mg	24	8.680857	mg/L	9190582.55	24.090	1.876
	Al	27	8.353487	mg/L	12942568.81	33.964	6.590
	Si	28	-0.015354	mg/L	182626.47	-0.023	206.534
	K	39	9.764956	mg/L	25475922.46	61.111	10.087
	Ca	44	21.354285	mg/L	2052791.45	4.940	5.936
>	Sc	45		mg/L	381718.93	381718.927	4.949
	Ti	47	0.215229	mg/L	55212.30	0.139	0.700
	V	51	0.000807	mg/L	-14047.18	-0.000	1215.558
	Cr	52	-0.000025	mg/L	9372.59	0.003	57.136
	Mn	55	0.001829	mg/L	9148.36	0.022	4.697
	Fe	57	22.224654	mg/L	2054266.20	5.349	3.129
	Ni	58	0.153727	mg/L	294186.29	1.322	9.610
	Co	59	0.000504	mg/L	1817.53	0.008	6.642
	Ni	60	0.000495	mg/L	770.71	0.002	3.921
	Ni	62	0.001581	mg/L	347.34	0.001	11.799
	Cu	63	0.000643	mg/L	2676.09	0.010	4.856
	Cu	65	0.000579	mg/L	1283.44	0.005	8.513
	Zn	66	-0.001238	mg/L	981.06	0.002	11.462
	Zn	68	-0.001284	mg/L	939.39	0.001	25.434
	Ga	69	0.000057	mg/L	2748.44	0.005	15.955
>	Ge	72		mg/L	220872.24	220872.239	6.269
	As	75	0.000852	mg/L	721.69	0.002	108.471
	Se	77	-0.009901	mg/L	3810.17	0.004	47.050
	Se	82	0.002083	mg/L	72.90	0.000	34.275
	Sr	88	0.000301	mg/L	2660.42	0.003	0.893
>	Y	89		mg/L	820732.37	820732.370	6.043
	Mo	95	0.207428	mg/L	238715.52	0.291	2.746
	Mo	98	0.207892	mg/L	392704.27	0.480	9.030
>	Rh	103		mg/L	754117.78	754117.780	1.416
	Ag	107	0.003432	mg/L	10723.76	0.014	57.594
	Ag	109	0.003309	mg/L	10224.66	0.014	55.954
	Cd	111	0.000407	mg/L	449.02	0.001	3.538
	Cd	114	0.000453	mg/L	938.87	0.001	2.902
>	In	115		mg/L	927806.64	927806.643	4.630
	Sn	118	0.001045	mg/L	2796.13	0.003	22.049
	Sn	120	0.001028	mg/L	3778.53	0.004	25.264
	Sb	121	0.019521	mg/L	58533.92	0.063	18.784
	Sb	123	0.019364	mg/L	45911.26	0.049	17.121
	Ba	135	0.000164	mg/L	175.34	0.000	12.777

	Ba	137	0.000154	mg/L	312.11	0.000	13.620
>	Tb	159		mg/L	1273863.90	1273863.903	3.130
>	Ho	165		mg/L	1254701.52	1254701.524	1.064
	Hg	202	0.001959	mg/L	53.00	-0.000	22.064
	Tl	203	0.000123	mg/L	624.36	0.000	172.397
	Tl	205	0.000086	mg/L	1475.14	0.000	129.660
	Pb	208	0.000038	mg/L	2001.10	0.001	9.254
	Bi	209	0.000703	mg/L	6435.85	0.005	34.776
	Th	232	0.002032	mg/L	17186.55	0.013	22.755
	U	238	-0.000014	mg/L	745.37	0.001	15.481

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:43:22
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-IFB1.014
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	73662.88	73662.878	3.490
	Be	9	0.000128	mg/L	25.00	0.000	59.302
	B	11	0.002959	mg/L	857.72	0.004	1.776
	Na	23	23.839747	mg/L	33838595.88	92.746	3.463
	Mg	24	8.999682	mg/L	9107980.75	24.975	4.182
	Al	27	8.711752	mg/L	12908605.03	35.421	4.770
	Si	28	-0.005415	mg/L	183798.07	0.002	1911.833
	K	39	10.317535	mg/L	25641185.52	64.600	8.258
	Ca	44	22.144502	mg/L	2029454.66	5.123	5.066
>	Sc	45		mg/L	364801.66	364801.656	4.417
	Ti	47	0.215033	mg/L	52721.87	0.139	1.987
	V	51	0.203532	mg/L	617234.46	1.732	5.869
	Cr	52	0.202252	mg/L	563336.32	1.527	9.264
	Mn	55	0.201509	mg/L	806879.07	2.212	3.710
	Fe	57	22.469950	mg/L	1987001.77	5.409	1.393
	Ni	58	0.323899	mg/L	637212.27	2.786	9.694
	Co	59	0.189108	mg/L	687006.84	3.014	2.709
	Ni	60	0.190552	mg/L	155363.76	0.680	0.632
	Ni	62	0.191103	mg/L	24209.50	0.105	1.650
	Cu	63	0.181936	mg/L	380506.86	1.668	3.846
	Cu	65	0.182564	mg/L	182982.99	0.803	9.454
	Zn	66	0.093678	mg/L	61355.68	0.267	9.295
	Zn	68	0.093784	mg/L	44138.67	0.191	3.643
	Ga	69	-0.000000	mg/L	2643.41	0.004	13.668
>	Ge	72		mg/L	228042.59	228042.588	3.980
	As	75	0.096437	mg/L	79700.01	0.349	4.339
	Se	77	0.082816	mg/L	7534.54	0.020	15.648
	Se	82	0.097405	mg/L	5038.78	0.006	10.201
	Sr	88	0.000271	mg/L	2490.70	0.003	3.448
>	Y	89		mg/L	828905.01	828905.006	3.196
	Mo	95	0.202769	mg/L	235829.59	0.285	3.711
	Mo	98	0.197796	mg/L	378247.84	0.457	6.439
>	Rh	103		mg/L	745587.55	745587.554	1.113
	Ag	107	0.054245	mg/L	165117.20	0.221	3.713
	Ag	109	0.054424	mg/L	160847.56	0.216	6.223
	Cd	111	0.102339	mg/L	79186.16	0.106	4.289
	Cd	114	0.099111	mg/L	181690.17	0.244	5.832
>	In	115		mg/L	903472.86	903472.864	6.741
	Sn	118	0.000300	mg/L	1075.74	0.001	3.650
	Sn	120	0.000304	mg/L	1471.42	0.001	2.465
	Sb	121	0.006057	mg/L	17765.87	0.020	8.580
	Sb	123	0.005771	mg/L	13365.57	0.015	3.980
	Ba	135	0.000154	mg/L	166.00	0.000	4.354

	Ba	137	0.000128	mg/L	275.33	0.000	10.170
>	Tb	159		mg/L	1269720.53	1269720.528	1.010
>	Ho	165		mg/L	1221459.43	1221459.430	2.932
	Hg	202	0.001111	mg/L	49.67	-0.000	29.208
	Tl	203	0.000007	mg/L	244.67	-0.000	1.587
	Tl	205	-0.000041	mg/L	515.02	-0.001	5.738
	Pb	208	-0.000017	mg/L	1383.72	0.001	8.526
	Bi	209	0.000152	mg/L	1480.80	0.001	12.246
	Th	232	0.000890	mg/L	5396.00	0.004	10.761
	U	238	-0.000069	mg/L	202.67	0.000	2.348

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:48:28
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-ICV2.015
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	75071.41	75071.411	3.880
	Be	9	0.038751	mg/L	4884.70	0.065	1.800
	B	11	0.035769	mg/L	5010.10	0.059	2.495
	Na	23	0.380813	mg/L	580875.36	1.541	0.952
	Mg	24	0.389972	mg/L	399470.64	1.084	1.156
	Al	27	0.191300	mg/L	289232.75	0.772	2.545
	Si	28	0.022683	mg/L	211596.09	0.073	49.380
	K	39	0.423194	mg/L	2923384.61	2.119	16.482
	Ca	44	0.328753	mg/L	192660.73	0.077	17.798
>	Sc	45		mg/L	367933.77	367933.769	2.332
	Ti	47	0.039228	mg/L	11461.35	0.026	3.063
	V	51	0.040660	mg/L	111774.71	0.340	3.458
	Cr	52	0.040722	mg/L	121908.32	0.310	4.210
	Mn	55	0.040995	mg/L	166800.45	0.452	3.629
	Fe	57	0.190035	mg/L	30077.66	0.046	1.079
	Ni	58	0.039702	mg/L	79955.45	0.341	13.796
	Co	59	0.039352	mg/L	141081.09	0.627	9.900
	Ni	60	0.039823	mg/L	32402.00	0.142	3.793
	Ni	62	0.040187	mg/L	5160.85	0.022	2.113
	Cu	63	0.039427	mg/L	82624.64	0.365	5.735
	Cu	65	0.038611	mg/L	38851.25	0.171	8.808
	Zn	66	0.036490	mg/L	24661.42	0.107	14.086
	Zn	68	0.037271	mg/L	18237.13	0.078	9.991
	Ga	69	0.040340	mg/L	139840.99	0.613	4.250
>	Ge	72		mg/L	225787.99	225787.991	6.483
	As	75	0.039810	mg/L	32567.54	0.144	4.024
	Se	77	0.024326	mg/L	5208.88	0.010	18.346
	Se	82	0.038493	mg/L	2023.57	0.002	12.298
	Sr	88	0.040169	mg/L	277037.08	0.325	4.786
>	Y	89		mg/L	854730.21	854730.208	7.286
	Mo	95	0.040739	mg/L	48806.34	0.057	3.090
	Mo	98	0.040412	mg/L	79308.70	0.093	7.916
>	Rh	103		mg/L	755541.44	755541.440	2.593
	Ag	107	0.021721	mg/L	67059.94	0.089	5.766
	Ag	109	0.021614	mg/L	64877.70	0.086	7.455
	Cd	111	0.040215	mg/L	31574.74	0.042	5.051
	Cd	114	0.039578	mg/L	73548.82	0.097	2.764
>	In	115		mg/L	913615.15	913615.149	5.043
	Sn	118	0.040533	mg/L	91685.09	0.100	1.990
	Sn	120	0.041606	mg/L	129649.46	0.142	6.497
	Sb	121	0.045019	mg/L	132868.40	0.146	10.412
	Sb	123	0.043930	mg/L	102474.92	0.112	9.084
	Ba	135	0.039271	mg/L	31970.18	0.025	8.296

	Ba	137	0.040583	mg/L	56456.96	0.045	8.120
>	Tb	159		mg/L	1261188.26	1261188.264	4.183
>	Ho	165		mg/L	1238399.87	1238399.867	1.896
	Hg	202	0.005343	mg/L	60.00	-0.000	63.071
	Tl	203	0.040225	mg/L	127241.78	0.102	3.647
	Tl	205	0.041568	mg/L	307448.81	0.247	1.932
	Pb	208	0.040219	mg/L	420145.89	0.339	3.447
	Bi	209	0.040386	mg/L	356269.36	0.288	3.435
	Th	232	0.038844	mg/L	388072.53	0.313	2.926
	U	238	0.039806	mg/L	383836.64	0.310	2.646

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:53:33
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\RINSE.016
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	70685.13	70685.129	1.070
	Be	9	0.000134	mg/L	24.67	0.000	80.326
	B	11	0.001956	mg/L	703.70	0.002	25.041
	Na	23	-0.015748	mg/L	13835.36	-0.001	187.398
	Mg	24	-0.000557	mg/L	699.37	0.001	120.810
	Al	27	-0.000313	mg/L	2641.76	-0.007	20.893
	Si	28	-0.012950	mg/L	182707.49	-0.017	40.615
	K	39	-0.094183	mg/L	1760458.28	-1.149	5.585
	Ca	44	-0.252393	mg/L	146386.74	-0.058	6.349
>	Sc	45		mg/L	375934.67	375934.668	2.398
	Ti	47	-0.001396	mg/L	1858.88	-0.000	59.629
	V	51	0.003182	mg/L	-6232.97	0.020	27.292
	Cr	52	-0.001250	mg/L	5784.90	-0.006	12.426
	Mn	55	-0.000218	mg/L	583.02	-0.000	48.106
	Fe	57	-0.021394	mg/L	11598.51	-0.005	7.606
	Ni	58	-0.000130	mg/L	2893.49	-0.002	69.004
	Co	59	0.000035	mg/L	166.34	0.000	130.130
	Ni	60	-0.000314	mg/L	131.00	-0.001	8.599
	Ni	62	-0.000370	mg/L	107.00	-0.000	34.997
	Cu	63	-0.000464	mg/L	430.68	0.000	165.873
	Cu	65	-0.000457	mg/L	276.67	0.000	200.239
	Zn	66	-0.002082	mg/L	448.68	-0.001	36.439
	Zn	68	-0.002312	mg/L	477.68	-0.001	31.556
	Ga	69	-0.000275	mg/L	1605.16	-0.000	604.173
>	Ge	72		mg/L	215885.13	215885.131	4.536
	As	75	0.000672	mg/L	546.05	0.002	22.826
	Se	77	-0.084761	mg/L	980.06	-0.009	6.848
	Se	82	0.000593	mg/L	-3.26	-0.000	171.575
	Sr	88	-0.000052	mg/L	304.68	0.000	125.400
>	Y	89		mg/L	782102.33	782102.335	4.148
	Mo	95	0.000993	mg/L	1089.08	0.001	14.027
	Mo	98	0.001099	mg/L	1784.32	0.002	7.016
>	Rh	103		mg/L	769843.36	769843.356	7.594
	Ag	107	0.000066	mg/L	437.01	0.000	15.192
	Ag	109	-0.000011	mg/L	382.01	0.000	24.978
	Cd	111	-0.000108	mg/L	48.00	0.000	38.777
	Cd	114	0.000013	mg/L	124.81	0.000	450.824
>	In	115		mg/L	914963.40	914963.398	6.672
	Sn	118	0.000121	mg/L	679.70	0.000	17.339
	Sn	120	0.000110	mg/L	881.72	0.001	17.424
	Sb	121	0.002787	mg/L	8311.90	0.009	14.821
	Sb	123	0.002760	mg/L	6449.39	0.007	17.121
	Ba	135	0.000044	mg/L	74.00	0.000	100.637

	Ba	137	0.000011	mg/L	109.14	0.000	42.565
>	Tb	159		mg/L	1243475.31	1243475.310	5.740
>	Ho	165		mg/L	1209348.80	1209348.803	2.122
	Hg	202	-0.002459	mg/L	41.33	-0.000	10.513
	Tl	203	0.000004	mg/L	234.01	-0.000	21.910
	Tl	205	-0.000041	mg/L	506.35	-0.001	18.682
	Pb	208	-0.000106	mg/L	461.68	0.000	139.774
	Bi	209	0.000078	mg/L	823.71	0.001	23.768
	Th	232	0.000801	mg/L	4445.48	0.003	20.676
	U	238	-0.000071	mg/L	178.34	0.000	74.010

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 12:58:37
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-CCV1.017
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	73609.04	73609.041	2.942
	Be	9	0.038459	mg/L	4749.62	0.064	3.683
	B	11	0.035525	mg/L	4877.36	0.058	8.770
	Na	23	0.373163	mg/L	582044.48	1.511	0.955
	Mg	24	0.388695	mg/L	406420.60	1.081	4.003
	Al	27	0.186185	mg/L	287368.65	0.751	7.650
	Si	28	0.014372	mg/L	208327.80	0.052	57.762
	K	39	0.431284	mg/L	3006678.84	2.170	9.183
	Ca	44	0.183008	mg/L	184156.76	0.043	23.407
>	Sc	45		mg/L	375856.50	375856.497	2.383
	Ti	47	0.038620	mg/L	11548.78	0.025	5.676
	V	51	0.040741	mg/L	114097.81	0.341	14.624
	Cr	52	0.039905	mg/L	122156.96	0.304	7.563
	Mn	55	0.040867	mg/L	170032.86	0.450	3.515
	Fe	57	0.189593	mg/L	30688.72	0.046	1.389
	Ni	58	0.041040	mg/L	81576.54	0.353	3.438
	Co	59	0.038986	mg/L	137988.05	0.621	4.727
	Ni	60	0.039378	mg/L	31559.39	0.141	2.860
	Ni	62	0.040115	mg/L	5068.46	0.022	2.749
	Cu	63	0.039187	mg/L	80918.08	0.363	4.775
	Cu	65	0.039568	mg/L	39247.68	0.176	5.515
	Zn	66	0.037799	mg/L	25190.77	0.111	3.374
	Zn	68	0.037487	mg/L	18097.52	0.079	3.481
	Ga	69	0.040052	mg/L	136803.13	0.608	3.681
>	Ge	72		mg/L	222006.53	222006.529	2.685
	As	75	0.040162	mg/L	32349.50	0.145	2.837
	Se	77	0.029827	mg/L	5345.96	0.011	8.131
	Se	82	0.040044	mg/L	2056.67	0.002	3.668
	Sr	88	0.040403	mg/L	271382.82	0.326	3.414
>	Y	89		mg/L	830089.77	830089.775	2.590
	Mo	95	0.040796	mg/L	47501.95	0.057	4.079
	Mo	98	0.040532	mg/L	77458.48	0.093	6.607
>	Rh	103		mg/L	766237.55	766237.555	4.688
	Ag	107	0.020994	mg/L	65853.12	0.086	2.630
	Ag	109	0.021242	mg/L	64667.50	0.084	4.332
	Cd	111	0.039191	mg/L	31162.67	0.041	7.660
	Cd	114	0.038532	mg/L	72368.35	0.095	12.319
>	In	115		mg/L	913711.87	913711.868	2.914
	Sn	118	0.040019	mg/L	90518.64	0.099	5.767
	Sn	120	0.040129	mg/L	125224.44	0.137	6.208
	Sb	121	0.043144	mg/L	127657.73	0.140	5.142
	Sb	123	0.042873	mg/L	100249.58	0.110	6.649
	Ba	135	0.039330	mg/L	32506.67	0.025	0.965

	Ba	137	0.038915	mg/L	54955.97	0.043	3.514
>	Tb	159		mg/L	1277789.21	1277789.214	1.451
>	Ho	165		mg/L	1266243.47	1266243.470	6.318
	Hg	202	0.004049	mg/L	58.33	-0.000	45.149
	Tl	203	0.039227	mg/L	126521.12	0.100	7.120
	Tl	205	0.039586	mg/L	298005.21	0.235	11.981
	Pb	208	0.038803	mg/L	413941.28	0.327	4.222
	Bi	209	0.039843	mg/L	358721.20	0.284	4.688
	Th	232	0.038702	mg/L	394270.92	0.311	7.295
	U	238	0.038231	mg/L	375179.38	0.298	12.045

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:03:41
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-CCB1.018
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	72219.13	72219.127	0.978
	Be	9	0.000099	mg/L	21.00	0.000	145.420
	B	11	0.000633	mg/L	558.69	-0.000	103.143
	Na	23	-0.014869	mg/L	15040.94	0.003	84.378
	Mg	24	-0.000711	mg/L	532.35	0.000	27.107
	Al	27	0.001259	mg/L	5013.10	-0.001	30.363
	Si	28	-0.018746	mg/L	176401.61	-0.032	18.328
	K	39	0.039301	mg/L	2067936.32	-0.306	26.488
	Ca	44	-0.201623	mg/L	150105.27	-0.046	5.262
>	Sc	45		mg/L	374187.26	374187.263	0.050
	Ti	47	-0.000423	mg/L	2083.59	0.000	33.995
	V	51	0.001189	mg/L	-12544.25	0.003	495.009
	Cr	52	0.000113	mg/L	9598.49	0.004	8.876
	Mn	55	-0.000167	mg/L	786.04	0.000	106.500
	Fe	57	-0.007534	mg/L	12793.79	-0.002	21.400
	Ni	58	-0.000131	mg/L	2848.14	-0.002	80.910
	Co	59	0.000021	mg/L	116.00	-0.000	66.905
	Ni	60	-0.000299	mg/L	139.67	-0.001	5.571
	Ni	62	-0.000294	mg/L	114.00	-0.000	9.548
	Cu	63	-0.000414	mg/L	522.69	0.001	27.470
	Cu	65	-0.000404	mg/L	322.34	0.000	44.287
	Zn	66	-0.002047	mg/L	463.02	-0.001	41.243
	Zn	68	-0.002077	mg/L	572.02	-0.000	36.145
	Ga	69	-0.000082	mg/L	2204.62	0.003	24.112
>	Ge	72		mg/L	212906.81	212906.807	5.264
	As	75	-0.000457	mg/L	-327.31	-0.002	26.987
	Se	77	0.010496	mg/L	4421.79	0.007	13.104
	Se	82	0.000712	mg/L	1.67	0.000	1334.195
	Sr	88	-0.000059	mg/L	267.01	0.000	68.658
>	Y	89		mg/L	789846.98	789846.980	5.088
	Mo	95	0.000692	mg/L	766.71	0.001	12.284
	Mo	98	0.000821	mg/L	1298.88	0.002	13.796
>	Rh	103		mg/L	785808.18	785808.176	5.913
	Ag	107	-0.000010	mg/L	203.34	0.000	16.832
	Ag	109	-0.000083	mg/L	167.34	0.000	43.950
	Cd	111	-0.000128	mg/L	32.33	-0.000	19408.130
	Cd	114	0.000007	mg/L	115.40	-0.000	347.237
>	In	115		mg/L	925814.79	925814.786	5.286
	Sn	118	0.000080	mg/L	597.03	0.000	7.793
	Sn	120	0.000080	mg/L	799.69	0.000	19.485
	Sb	121	0.003628	mg/L	10931.72	0.012	14.674
	Sb	123	0.003643	mg/L	8628.73	0.009	14.632
	Ba	135	0.000049	mg/L	78.33	0.000	45.694

	Ba	137	0.000001	mg/L	94.47	0.000	125.005
>	Tb	159		mg/L	1244975.26	1244975.264	5.853
>	Ho	165		mg/L	1220234.78	1220234.776	0.855
	Hg	202	0.007238	mg/L	63.33	-0.000	78.145
	Tl	203	-0.000024	mg/L	148.34	-0.000	4.396
	Tl	205	-0.000068	mg/L	321.34	-0.001	1.709
	Pb	208	-0.000114	mg/L	388.34	0.000	105.188
	Bi	209	0.000076	mg/L	813.05	0.001	27.200
	Th	232	0.000997	mg/L	6439.05	0.004	19.903
	U	238	-0.000078	mg/L	116.34	0.000	15.405

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113234-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:08:46
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\1113234-BLK1.019
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 21

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	72792.72	72792.723	1.771
	Be	9	0.000056	mg/L	16.00	-0.000	174.533
	B	11	0.001002	mg/L	608.36	0.000	115.694
	Na	23	-0.012084	mg/L	19202.79	0.013	5.096
	Mg	24	0.000891	mg/L	2207.96	0.005	12.246
	Al	27	0.001295	mg/L	5093.15	-0.001	217.755
	Si	28	0.000997	mg/L	196092.79	0.018	58.660
	K	39	0.055211	mg/L	2117204.46	-0.205	96.619
	Ca	44	-0.195261	mg/L	151513.68	-0.044	14.006
>	Sc	45		mg/L	376364.52	376364.521	1.227
	Ti	47	-0.000442	mg/L	2090.93	0.000	77.165
	V	51	0.000273	mg/L	-15603.97	-0.005	504.976
	Cr	52	0.000571	mg/L	10949.70	0.008	9.141
	Mn	55	0.000068	mg/L	1763.86	0.003	6.859
	Fe	57	-0.004129	mg/L	13175.01	-0.001	55.603
	Ni	58	0.000109	mg/L	3394.33	0.001	238.429
	Co	59	0.000018	mg/L	112.00	-0.000	28.891
	Ni	60	-0.000105	mg/L	296.34	-0.000	60.563
	Ni	62	-0.000092	mg/L	142.00	-0.000	156.749
	Cu	63	-0.000409	mg/L	550.02	0.001	15.904
	Cu	65	-0.000405	mg/L	330.68	0.000	68.461
	Zn	66	-0.000196	mg/L	1611.49	0.005	15.833
	Zn	68	-0.000227	mg/L	1396.79	0.004	17.480
	Ga	69	-0.000031	mg/L	2446.35	0.003	20.480
>	Ge	72		mg/L	219979.24	219979.238	5.947
	As	75	-0.000608	mg/L	-443.97	-0.003	104.212
	Se	77	0.030727	mg/L	5322.61	0.011	15.069
	Se	82	-0.000063	mg/L	-37.76	-0.000	36.071
	Sr	88	-0.000049	mg/L	345.01	0.000	54.165
>	Y	89		mg/L	824358.35	824358.347	3.568
	Mo	95	0.000420	mg/L	484.35	0.001	22.071
	Mo	98	0.000526	mg/L	789.30	0.001	16.684
>	Rh	103		mg/L	801286.77	801286.770	3.702
	Ag	107	-0.000034	mg/L	128.67	0.000	80.769
	Ag	109	-0.000096	mg/L	131.00	0.000	36.757
	Cd	111	-0.000119	mg/L	40.67	0.000	90.552
	Cd	114	0.000005	mg/L	114.89	-0.000	106.522
>	In	115		mg/L	921504.09	921504.091	5.098
	Sn	118	0.000036	mg/L	493.35	0.000	18.827
	Sn	120	0.000044	mg/L	683.06	0.000	8.347
	Sb	121	0.001987	mg/L	6017.72	0.006	8.766
	Sb	123	0.001989	mg/L	4705.58	0.005	12.575
	Ba	135	0.000047	mg/L	77.00	0.000	66.909

	Ba	137	0.000011	mg/L	108.78	0.000	77.539
>	Tb	159		mg/L	1249115.85	1249115.854	6.635
>	Ho	165		mg/L	1228822.73	1228822.727	5.015
	Hg	202	-0.001540	mg/L	44.00	-0.000	8.759
	Tl	203	-0.000036	mg/L	113.34	-0.000	2.499
	Tl	205	-0.000081	mg/L	222.00	-0.001	2.523
	Pb	208	-0.000104	mg/L	492.68	0.000	35.734
	Bi	209	0.000030	mg/L	415.68	0.000	8.957
	Th	232	0.000617	mg/L	2680.09	0.001	8.217
	U	238	-0.000083	mg/L	75.67	0.000	21.847

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113234-BS1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:13:51
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\1113234-BS1.020
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 22

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	77913.78	77913.784	3.153
	Be	9	0.187677	mg/L	24503.59	0.314	3.968
	B	11	0.160568	mg/L	21530.35	0.268	2.615
	Na	23	1.920989	mg/L	2820930.72	7.529	1.514
	Mg	24	1.891045	mg/L	1957592.34	5.250	1.673
	Al	27	0.960082	mg/L	1458750.54	3.898	3.338
	Si	28	0.192133	mg/L	373543.94	0.499	2.788
	K	39	2.172182	mg/L	7080689.23	13.163	7.556
	Ca	44	1.894295	mg/L	330286.53	0.439	5.859
>	Sc	45		mg/L	372873.31	372873.314	1.514
	Ti	47	0.201118	mg/L	50548.99	0.130	5.688
	V	51	0.208598	mg/L	648152.25	1.775	6.235
	Cr	52	0.208785	mg/L	595568.56	1.576	1.189
	Mn	55	0.204939	mg/L	839114.90	2.250	6.886
	Fe	57	0.965653	mg/L	100084.96	0.232	1.452
	Ni	58	0.200913	mg/L	389517.10	1.728	8.146
	Co	59	0.196512	mg/L	699933.77	3.132	8.734
	Ni	60	0.200924	mg/L	160654.12	0.717	4.006
	Ni	62	0.201936	mg/L	25100.90	0.111	1.062
	Cu	63	0.195077	mg/L	400965.08	1.789	2.221
	Cu	65	0.192877	mg/L	190143.02	0.848	2.246
	Zn	66	0.194703	mg/L	123370.26	0.549	7.151
	Zn	68	0.197509	mg/L	89485.28	0.398	7.826
	Ga	69	0.204538	mg/L	692913.40	3.090	4.287
>	Ge	72		mg/L	223897.73	223897.733	3.806
	As	75	0.200113	mg/L	162513.52	0.725	2.207
	Se	77	0.214323	mg/L	12415.27	0.042	9.503
	Se	82	0.194820	mg/L	10194.06	0.012	7.724
	Sr	88	0.202840	mg/L	1366943.60	1.637	4.583
>	Y	89		mg/L	836202.12	836202.121	4.962
	Mo	95	0.205833	mg/L	241661.04	0.289	1.247
	Mo	98	0.201168	mg/L	387970.52	0.465	4.690
>	Rh	103		mg/L	745224.56	745224.565	6.214
	Ag	107	0.111886	mg/L	339459.06	0.456	4.679
	Ag	109	0.112353	mg/L	329853.24	0.445	11.053
	Cd	111	0.202781	mg/L	155969.80	0.210	10.565
	Cd	114	0.195920	mg/L	357878.41	0.481	7.148
>	In	115		mg/L	900068.49	900068.490	5.255
	Sn	118	0.205233	mg/L	455697.94	0.506	1.552
	Sn	120	0.209401	mg/L	640563.55	0.713	6.095
	Sb	121	0.240450	mg/L	698589.76	0.779	10.276
	Sb	123	0.239923	mg/L	551001.96	0.614	9.751
	Ba	135	0.198469	mg/L	160429.47	0.128	6.878

	Ba	137	0.202382	mg/L	279347.71	0.223	8.723
>	Tb	159		mg/L	1252853.50	1252853.504	3.600
>	Ho	165		mg/L	1220593.93	1220593.933	2.375
	Hg	202	0.018311	mg/L	88.00	0.000	47.937
	Tl	203	0.199961	mg/L	622175.01	0.510	5.568
	Tl	205	0.202688	mg/L	1474095.71	1.207	2.991
	Pb	208	0.202739	mg/L	2081864.10	1.705	3.456
	Bi	209	0.201925	mg/L	1754359.98	1.438	4.528
	Th	232	0.195989	mg/L	1943449.76	1.592	4.298
	U	238	0.200392	mg/L	1900593.43	1.558	3.804

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-07
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:18:58
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-07.021
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 23

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	72642.72	72642.721	6.935
	Be	9	0.000166	mg/L	29.33	0.000	5.171
	B	11	0.249007	mg/L	30772.31	0.417	7.459
	Na	23	178.421541	mg/L	270420582.80	693.738	3.164
	Mg	24	0.545381	mg/L	590690.24	1.516	5.721
	Al	27	1.375856	mg/L	2180642.30	5.589	8.529
	Si	28	13.010104	mg/L	12926837.43	32.745	11.678
	K	39	76.811650	mg/L	190775363.54	484.503	9.343
	Ca	44	205.978241	mg/L	18738680.96	47.647	4.085
>	Sc	45		mg/L	389999.44	389999.435	4.026
	Ti	47	0.066536	mg/L	19005.38	0.043	2.362
	V	51	0.020471	mg/L	50997.55	0.168	9.853
	Cr	52	0.011434	mg/L	43119.60	0.090	15.100
	Mn	55	0.148287	mg/L	635093.37	1.628	4.162
	Fe	57	6.030889	mg/L	580248.28	1.452	0.504
	Ni	58	0.046837	mg/L	99520.02	0.403	10.614
	Co	59	0.002425	mg/L	9283.50	0.038	6.726
	Ni	60	0.014204	mg/L	12552.16	0.051	2.977
	Ni	62	0.017494	mg/L	2467.69	0.010	10.960
	Cu	63	0.019176	mg/L	43339.52	0.180	8.029
	Cu	65	0.018932	mg/L	20570.81	0.085	11.831
	Zn	66	0.055170	mg/L	38621.98	0.159	10.836
	Zn	68	0.055638	mg/L	28123.46	0.115	7.143
	Ga	69	0.002472	mg/L	11702.67	0.041	6.019
>	Ge	72		mg/L	239529.63	239529.631	7.273
	As	75	0.020816	mg/L	18036.71	0.075	8.305
	Se	77	0.013889	mg/L	5097.48	0.008	22.419
	Se	82	0.005884	mg/L	281.39	0.000	17.743
	Sr	88	0.823039	mg/L	5728527.03	6.640	1.745
>	Y	89		mg/L	862240.49	862240.491	6.564
	Mo	95	0.090687	mg/L	109544.37	0.127	4.545
	Mo	98	0.088374	mg/L	175101.98	0.204	10.271
>	Rh	103		mg/L	774110.23	774110.228	5.069
	Ag	107	0.000205	mg/L	880.39	0.001	9.536
	Ag	109	0.000133	mg/L	828.05	0.001	7.987
	Cd	111	0.000432	mg/L	479.02	0.001	11.476
	Cd	114	0.000512	mg/L	1071.32	0.001	12.469
>	In	115		mg/L	909098.16	909098.158	3.366
	Sn	118	0.021621	mg/L	48844.78	0.053	4.115
	Sn	120	0.022666	mg/L	70564.85	0.077	8.734
	Sb	121	0.002388	mg/L	7125.53	0.008	6.437
	Sb	123	0.002298	mg/L	5375.57	0.006	5.470
	Ba	135	0.042732	mg/L	36444.02	0.028	4.850

	Ba	137	0.043701	mg/L	63699.35	0.048	1.426
>	Tb	159		mg/L	1318814.95	1318814.955	1.224
>	Ho	165		mg/L	1255483.67	1255483.668	2.508
	Hg	202	0.490645	mg/L	1175.42	0.001	3.956
	Tl	203	0.000251	mg/L	1032.07	0.000	36.757
	Tl	205	0.000216	mg/L	2446.36	0.001	36.934
	Pb	208	0.011421	mg/L	122070.47	0.097	3.562
	Bi	209	0.000225	mg/L	2167.29	0.002	25.123
	Th	232	0.002195	mg/L	18871.22	0.014	20.057
	U	238	0.000089	mg/L	1748.52	0.001	7.683

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-08
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:24:05
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-08.022
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 24

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	65670.58	65670.585	4.049
	Be	9	0.000129	mg/L	22.33	0.000	74.787
	B	11	0.128412	mg/L	14577.50	0.214	7.641
	Na	23	S	mg/L	S	S	S
	Mg	24	73.985008	mg/L	80861948.10	205.301	4.668
	Al	27	0.003653	mg/L	9104.98	0.009	17.156
	Si	28	14.018891	mg/L	14075195.88	35.283	9.584
	K	39	11.469226	mg/L	30603830.50	71.873	5.261
	Ca	44	30.339023	mg/L	2942856.92	7.019	2.307
>	Sc	45		mg/L	394457.94	394457.938	4.857
	Ti	47	0.001354	mg/L	2646.08	0.001	15.341
	V	51	-0.000334	mg/L	-18434.35	-0.010	63.999
	Cr	52	0.000259	mg/L	10519.20	0.005	47.733
	Mn	55	3.228109	mg/L	13957857.33	35.406	2.064
	Fe	57	66.664926	mg/L	6343806.53	16.046	1.212
	Ni	58	0.449488	mg/L	882442.18	3.867	3.678
	Co	59	0.007664	mg/L	27846.58	0.122	1.616
	Ni	60	0.001747	mg/L	1811.20	0.006	5.189
	Ni	62	0.007740	mg/L	1127.08	0.004	16.853
	Cu	63	0.002358	mg/L	6320.59	0.026	4.680
	Cu	65	0.000057	mg/L	803.38	0.002	13.110
	Zn	66	0.003549	mg/L	4050.94	0.015	4.351
	Zn	68	0.007868	mg/L	5123.83	0.020	4.901
	Ga	69	0.005414	mg/L	21247.47	0.086	6.236
>	Ge	72		mg/L	227467.95	227467.949	2.775
	As	75	0.007585	mg/L	6277.93	0.027	2.304
	Se	77	0.026306	mg/L	5338.29	0.010	13.245
	Se	82	0.009803	mg/L	465.27	0.001	11.189
	Sr	88	0.478648	mg/L	3122259.32	3.862	4.258
>	Y	89		mg/L	807948.09	807948.094	2.182
	Mo	95	0.000966	mg/L	1093.08	0.001	5.257
	Mo	98	0.001010	mg/L	1675.92	0.002	5.350
>	Rh	103		mg/L	721123.03	721123.028	3.642
	Ag	107	-0.000008	mg/L	194.00	0.000	14.746
	Ag	109	-0.000085	mg/L	150.34	0.000	8.834
	Cd	111	-0.000102	mg/L	49.00	0.000	56.930
	Cd	114	0.000042	mg/L	166.43	0.000	181.900
>	In	115		mg/L	905165.78	905165.779	3.149
	Sn	118	0.000069	mg/L	559.36	0.000	24.253
	Sn	120	0.000077	mg/L	772.97	0.000	31.072
	Sb	121	0.001052	mg/L	3182.92	0.003	8.282
	Sb	123	0.001059	mg/L	2484.67	0.003	4.972
	Ba	135	0.207279	mg/L	168407.10	0.134	2.787

	Ba	137	0.209260	mg/L	290377.84	0.231	3.955
>	Tb	159		mg/L	1257227.92	1257227.922	0.932
>	Ho	165		mg/L	1241584.58	1241584.578	4.062
	Hg	202	0.003641	mg/L	56.33	-0.000	22.186
	Tl	203	0.000026	mg/L	310.34	-0.000	18.576
	Tl	205	-0.000013	mg/L	725.70	-0.000	15.300
	Pb	208	-0.000078	mg/L	770.02	0.000	4.074
	Bi	209	0.000035	mg/L	462.35	0.000	18.158
	Th	232	0.000716	mg/L	3700.13	0.002	17.324
	U	238	-0.000064	mg/L	256.01	0.000	10.519

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-09
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:29:12
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-09.023
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 25

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	69876.27	69876.271	1.763
	Be	9	0.000125	mg/L	23.33	0.000	83.488
	B	11	0.020983	mg/L	2927.83	0.034	7.636
	Na	23	21.601237	mg/L	31573888.21	84.043	1.239
	Mg	24	1.671962	mg/L	1742401.49	4.642	4.109
	Al	27	0.023055	mg/L	38279.62	0.088	7.877
	Si	28	6.905699	mg/L	6713183.01	17.388	4.904
	K	39	1.757030	mg/L	6147479.67	10.542	0.667
	Ca	44	56.650022	mg/L	5090881.24	13.105	4.142
>	Sc	45		mg/L	375455.73	375455.730	2.060
	Ti	47	0.000487	mg/L	2310.32	0.001	29.183
	V	51	0.000984	mg/L	-13261.25	0.001	409.135
	Cr	52	0.000297	mg/L	10146.10	0.006	22.436
	Mn	55	0.180544	mg/L	745136.32	1.982	2.743
	Fe	57	4.838830	mg/L	450860.85	1.165	0.949
	Ni	58	0.034559	mg/L	69214.25	0.297	3.655
	Co	59	0.000088	mg/L	360.01	0.001	14.227
	Ni	60	0.004587	mg/L	4013.26	0.017	3.708
	Ni	62	0.003925	mg/L	635.70	0.002	2.057
	Cu	63	-0.000058	mg/L	1268.77	0.004	1.232
	Cu	65	-0.000158	mg/L	576.02	0.001	4.752
	Zn	66	0.000880	mg/L	2298.98	0.008	9.521
	Zn	68	0.002592	mg/L	2660.08	0.009	12.061
	Ga	69	0.002518	mg/L	11008.78	0.042	5.531
>	Ge	72		mg/L	221987.86	221987.859	1.453
	As	75	0.000829	mg/L	692.43	0.002	71.560
	Se	77	-0.008661	mg/L	3889.20	0.004	7.317
	Se	82	0.000877	mg/L	11.19	0.000	160.874
	Sr	88	0.061067	mg/L	402673.43	0.493	5.506
>	Y	89		mg/L	816338.35	816338.353	1.187
	Mo	95	0.001249	mg/L	1428.46	0.002	2.721
	Mo	98	0.001309	mg/L	2258.14	0.003	2.604
>	Rh	103		mg/L	727035.25	727035.251	4.809
	Ag	107	-0.000029	mg/L	132.67	0.000	19.972
	Ag	109	-0.000099	mg/L	111.67	0.000	30.079
	Cd	111	-0.000100	mg/L	50.67	0.000	50.344
	Cd	114	0.000023	mg/L	136.30	0.000	22.741
>	In	115		mg/L	903864.34	903864.338	1.149
	Sn	118	0.000022	mg/L	454.02	0.000	13.486
	Sn	120	0.000023	mg/L	606.35	0.000	15.960
	Sb	121	0.000738	mg/L	2264.31	0.002	7.170
	Sb	123	0.000744	mg/L	1754.46	0.002	6.646
	Ba	135	0.075098	mg/L	60892.99	0.049	7.323

	Ba	137	0.075426	mg/L	104383.74	0.083	11.165
>	Tb	159		mg/L	1256767.54	1256767.542	4.249
>	Ho	165		mg/L	1219451.01	1219451.011	3.282
	Hg	202	0.003064	mg/L	53.67	-0.000	84.603
	Tl	203	-0.000003	mg/L	215.00	-0.000	14.495
	Tl	205	-0.000057	mg/L	394.01	-0.001	3.303
	Pb	208	0.000180	mg/L	3398.28	0.002	1.489
	Bi	209	0.000016	mg/L	295.01	0.000	14.073
	Th	232	0.000491	mg/L	1411.12	0.000	62.418
	U	238	-0.000083	mg/L	74.00	0.000	44.258

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-33
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:34:17
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-33.024
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 26

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	68530.05	68530.053	1.531
	Be	9	0.000161	mg/L	27.00	0.000	94.667
	B	11	0.009115	mg/L	1505.47	0.014	12.528
	Na	23	21.949358	mg/L	32039561.28	85.396	1.929
	Mg	24	6.448498	mg/L	6704524.46	17.896	6.042
	Al	27	0.030094	mg/L	48943.73	0.116	8.001
	Si	28	13.665078	mg/L	13074413.24	34.393	5.874
	K	39	0.971034	mg/L	4279523.76	5.578	2.512
	Ca	44	11.372622	mg/L	1155143.43	2.631	1.900
>	Sc	45		mg/L	375107.28	375107.283	3.285
	Ti	47	0.001191	mg/L	2478.36	0.001	11.743
	V	51	-0.000356	mg/L	-17631.39	-0.010	131.703
	Cr	52	0.000320	mg/L	10205.16	0.006	9.594
	Mn	55	1.075653	mg/L	4428139.43	11.799	3.006
	Fe	57	44.597286	mg/L	4040120.94	10.735	0.971
	Ni	58	0.286009	mg/L	563986.52	2.460	4.081
	Co	59	0.000135	mg/L	540.69	0.002	13.474
	Ni	60	0.000111	mg/L	483.35	0.001	25.782
	Ni	62	0.004860	mg/L	767.71	0.003	27.381
	Cu	63	-0.000019	mg/L	1383.79	0.004	4.471
	Cu	65	0.000064	mg/L	813.04	0.002	4.622
	Zn	66	0.002755	mg/L	3555.06	0.013	4.241
	Zn	68	0.003313	mg/L	3058.55	0.011	8.318
	Ga	69	0.001301	mg/L	7115.86	0.024	7.790
>	Ge	72		mg/L	227978.19	227978.186	2.441
	As	75	0.001350	mg/L	1140.81	0.004	13.411
	Se	77	-0.005899	mg/L	4101.64	0.005	21.778
	Se	82	0.000670	mg/L	0.57	0.000	43770.626
	Sr	88	0.070901	mg/L	467235.84	0.572	6.307
>	Y	89		mg/L	816503.28	816503.276	2.203
	Mo	95	0.000437	mg/L	497.35	0.001	7.547
	Mo	98	0.000516	mg/L	760.88	0.001	15.078
>	Rh	103		mg/L	734304.60	734304.597	6.193
	Ag	107	-0.000032	mg/L	124.34	0.000	40.973
	Ag	109	-0.000107	mg/L	89.33	0.000	56.736
	Cd	111	-0.000106	mg/L	46.67	0.000	37.843
	Cd	114	0.000021	mg/L	134.48	0.000	67.677
>	In	115		mg/L	895288.95	895288.953	2.526
	Sn	118	0.000010	mg/L	423.01	0.000	28.392
	Sn	120	-0.000004	mg/L	517.26	0.000	35.002
	Sb	121	0.000722	mg/L	2192.62	0.002	9.707
	Sb	123	0.000695	mg/L	1623.97	0.002	2.648
	Ba	135	0.050490	mg/L	40725.14	0.033	5.978

	Ba	137	0.051204	mg/L	70428.70	0.057	10.579
>	Tb	159		mg/L	1250084.47	1250084.469	6.247
>	Ho	165		mg/L	1212233.29	1212233.287	7.056
	Hg	202	-0.000639	mg/L	45.00	-0.000	39.862
	Tl	203	-0.000024	mg/L	148.67	-0.000	4.808
	Tl	205	-0.000070	mg/L	301.01	-0.001	3.856
	Pb	208	-0.000024	mg/L	1298.05	0.001	7.114
	Bi	209	0.000010	mg/L	233.34	0.000	42.629
	Th	232	0.000508	mg/L	1551.48	0.000	65.166
	U	238	-0.000050	mg/L	380.68	0.000	10.808

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-34
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:39:22
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-34.025
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 27

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	69043.23	69043.227	4.485
	Be	9	0.000127	mg/L	23.33	0.000	35.856
	B	11	0.018501	mg/L	2602.40	0.030	8.528
	Na	23	11.099317	mg/L	16309846.35	43.213	0.977
	Mg	24	2.887653	mg/L	3021509.90	8.015	1.873
	Al	27	0.004130	mg/L	9425.98	0.011	20.543
	Si	28	21.147648	mg/L	20176625.16	53.217	12.117
	K	39	6.844127	mg/L	18226285.34	42.666	11.631
	Ca	44	7.186292	mg/L	794609.08	1.663	5.662
>	Sc	45		mg/L	377164.10	377164.098	5.249
	Ti	47	0.002945	mg/L	2916.83	0.002	15.201
	V	51	-0.000313	mg/L	-17404.52	-0.010	75.061
	Cr	52	0.001242	mg/L	12839.20	0.013	25.599
	Mn	55	0.837588	mg/L	3461221.25	9.188	4.401
	Fe	57	40.566844	mg/L	3696069.04	9.764	0.927
	Ni	58	0.269779	mg/L	531120.89	2.321	11.154
	Co	59	0.000211	mg/L	815.38	0.003	11.102
	Ni	60	-0.000061	mg/L	344.34	-0.000	1945.849
	Ni	62	-0.000140	mg/L	142.00	-0.000	151.688
	Cu	63	-0.000134	mg/L	1142.42	0.003	9.542
	Cu	65	-0.000187	mg/L	561.36	0.001	17.598
	Zn	66	0.001143	mg/L	2526.04	0.008	10.319
	Zn	68	0.002693	mg/L	2778.79	0.009	5.626
	Ga	69	0.001582	mg/L	8095.36	0.028	2.254
>	Ge	72		mg/L	228180.88	228180.883	4.739
	As	75	-0.000189	mg/L	-102.91	-0.001	321.678
	Se	77	0.034731	mg/L	5665.16	0.012	25.492
	Se	82	0.000699	mg/L	2.86	0.000	1136.704
	Sr	88	0.071990	mg/L	487634.14	0.581	3.321
>	Y	89		mg/L	839662.04	839662.041	6.492
	Mo	95	0.000250	mg/L	288.67	0.000	27.747
	Mo	98	0.000323	mg/L	406.38	0.000	24.971
>	Rh	103		mg/L	757188.09	757188.086	0.521
	Ag	107	-0.000035	mg/L	119.00	0.000	19.997
	Ag	109	-0.000105	mg/L	96.67	0.000	31.484
	Cd	111	-0.000090	mg/L	61.00	0.000	23.932
	Cd	114	0.000042	mg/L	177.96	0.000	12.049
>	In	115		mg/L	906611.20	906611.205	5.671
	Sn	118	-0.000023	mg/L	356.34	0.000	35.151
	Sn	120	-0.000011	mg/L	502.34	0.000	32.455
	Sb	121	0.000582	mg/L	1809.20	0.002	9.571
	Sb	123	0.000593	mg/L	1403.72	0.001	11.078
	Ba	135	0.060038	mg/L	48593.68	0.039	7.443

	Ba	137	0.061908	mg/L	85651.04	0.068	2.567
>	Tb	159		mg/L	1252467.02	1252467.019	1.368
>	Ho	165		mg/L	1198093.55	1198093.550	4.732
	Hg	202	0.003091	mg/L	53.00	-0.000	29.766
	Tl	203	-0.000030	mg/L	129.34	-0.000	3.091
	Tl	205	-0.000075	mg/L	258.67	-0.001	3.124
	Pb	208	0.000010	mg/L	1627.40	0.001	4.993
	Bi	209	0.000005	mg/L	193.67	0.000	4.796
	Th	232	0.000454	mg/L	1027.40	0.000	1304.695
	U	238	-0.000081	mg/L	85.00	0.000	36.921

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113234-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:44:27
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\1113234-DUP1.026
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 28

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	67740.53	67740.532	2.167
	Be	9	0.000128	mg/L	23.00	0.000	25.766
	B	11	0.017949	mg/L	2494.37	0.029	2.145
	Na	23	11.012762	mg/L	16439983.94	42.876	1.971
	Mg	24	2.829403	mg/L	3008651.00	7.853	6.234
	Al	27	0.003839	mg/L	9149.38	0.010	22.681
	Si	28	19.852620	mg/L	19332281.46	49.959	2.781
	K	39	6.434336	mg/L	17590826.93	40.078	4.370
	Ca	44	6.820630	mg/L	776092.45	1.578	5.199
>	Sc	45		mg/L	383113.96	383113.965	0.461
	Ti	47	0.002725	mg/L	2910.83	0.002	14.719
	V	51	0.000870	mg/L	-13894.18	0.000	1950.729
	Cr	52	0.000685	mg/L	11477.36	0.009	8.957
	Mn	55	0.791024	mg/L	3325609.95	8.677	4.220
	Fe	57	39.184422	mg/L	3627053.68	9.432	1.791
	Ni	58	0.275119	mg/L	527600.38	2.367	10.905
	Co	59	0.000211	mg/L	793.71	0.003	13.165
	Ni	60	-0.000055	mg/L	339.34	0.000	1409.492
	Ni	62	0.000106	mg/L	168.00	0.000	144.182
	Cu	63	-0.000123	mg/L	1138.42	0.003	5.215
	Cu	65	-0.000151	mg/L	583.02	0.001	14.007
	Zn	66	0.001257	mg/L	2531.38	0.009	9.865
	Zn	68	0.002791	mg/L	2748.11	0.010	9.087
	Ga	69	0.001578	mg/L	7860.14	0.028	6.713
>	Ge	72		mg/L	222340.96	222340.956	5.161
	As	75	0.000064	mg/L	85.74	-0.000	425.902
	Se	77	0.009522	mg/L	4575.86	0.007	18.396
	Se	82	0.000269	mg/L	-20.15	-0.000	81.936
	Sr	88	0.071789	mg/L	472055.55	0.580	5.867
>	Y	89		mg/L	815335.79	815335.786	4.508
	Mo	95	0.000218	mg/L	246.34	0.000	12.486
	Mo	98	0.000296	mg/L	345.64	0.000	25.709
>	Rh	103		mg/L	774178.12	774178.120	6.576
	Ag	107	-0.000040	mg/L	107.34	0.000	71.728
	Ag	109	-0.000109	mg/L	87.33	0.000	123.948
	Cd	111	-0.000099	mg/L	55.00	0.000	57.329
	Cd	114	0.000037	mg/L	171.71	0.000	15.246
>	In	115		mg/L	906293.30	906293.303	3.992
	Sn	118	-0.000024	mg/L	353.34	0.000	17.358
	Sn	120	-0.000017	mg/L	484.93	0.000	2.557
	Sb	121	0.000511	mg/L	1600.49	0.002	8.274
	Sb	123	0.000534	mg/L	1270.57	0.001	5.753
	Ba	135	0.061742	mg/L	48598.15	0.040	8.603

	Ba	137	0.062959	mg/L	84593.01	0.069	11.288
>	Tb	159		mg/L	1221240.82	1221240.818	5.783
>	Ho	165		mg/L	1206387.63	1206387.633	1.667
	Hg	202	0.001856	mg/L	50.67	-0.000	33.921
	Tl	203	-0.000038	mg/L	105.00	-0.000	3.065
	Tl	205	-0.000081	mg/L	220.67	-0.001	3.580
	Pb	208	0.000014	mg/L	1675.41	0.001	2.512
	Bi	209	0.000003	mg/L	179.00	0.000	42.537
	Th	232	0.000440	mg/L	892.72	-0.000	131.894
	U	238	-0.000083	mg/L	72.33	0.000	11.026

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113234-MS1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:49:31
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\1113234-MS1.027
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 29

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	70559.68	70559.680	3.400
	Be	9	0.202718	mg/L	23962.45	0.340	3.220
	B	11	0.186751	mg/L	22570.59	0.312	8.332
	Na	23	13.107115	mg/L	19670218.46	51.019	0.379
	Mg	24	4.689376	mg/L	5006417.29	13.015	4.469
	Al	27	0.928899	mg/L	1453845.87	3.771	8.529
	Si	28	20.686591	mg/L	20164964.85	52.057	11.260
	K	39	8.743871	mg/L	23252366.47	54.663	6.938
	Ca	44	9.176572	mg/L	989816.82	2.123	1.935
>	Sc	45		mg/L	385300.58	385300.580	5.789
	Ti	47	0.203794	mg/L	52810.85	0.132	4.079
	V	51	0.202773	mg/L	647765.33	1.725	11.218
	Cr	52	0.200106	mg/L	587550.78	1.511	12.268
	Mn	55	1.017262	mg/L	4299161.21	11.159	1.586
	Fe	57	42.190798	mg/L	3926303.42	10.155	1.244
	Ni	58	0.490157	mg/L	932706.06	4.217	3.699
	Co	59	0.201940	mg/L	709720.42	3.219	4.022
	Ni	60	0.205074	mg/L	161616.19	0.732	4.798
	Ni	62	0.204408	mg/L	25009.96	0.113	2.037
	Cu	63	0.201177	mg/L	406854.18	1.844	3.712
	Cu	65	0.206018	mg/L	199952.27	0.906	4.535
	Zn	66	0.207657	mg/L	129630.66	0.585	3.863
	Zn	68	0.203466	mg/L	90892.98	0.410	2.259
	Ga	69	0.206027	mg/L	687872.21	3.113	2.342
>	Ge	72		mg/L	220412.98	220412.981	0.892
	As	75	0.207070	mg/L	165531.34	0.750	3.654
	Se	77	0.224274	mg/L	12613.21	0.044	6.576
	Se	82	0.203942	mg/L	10342.80	0.013	8.409
	Sr	88	0.278614	mg/L	1821917.81	2.248	2.332
>	Y	89		mg/L	810284.36	810284.363	4.483
	Mo	95	0.214018	mg/L	242861.54	0.300	8.153
	Mo	98	0.212054	mg/L	395723.46	0.490	10.207
>	Rh	103		mg/L	731253.58	731253.579	1.651
	Ag	107	0.109679	mg/L	327276.63	0.447	3.470
	Ag	109	0.109121	mg/L	315811.47	0.432	1.046
	Cd	111	0.202061	mg/L	153101.59	0.209	4.264
	Cd	114	0.200921	mg/L	360885.05	0.494	6.381
>	In	115		mg/L	884261.68	884261.682	5.537
	Sn	118	0.208667	mg/L	454273.54	0.515	6.735
	Sn	120	0.208045	mg/L	624480.57	0.708	9.739
	Sb	121	0.239969	mg/L	685391.14	0.777	7.927
	Sb	123	0.236281	mg/L	534012.67	0.605	5.465
	Ba	135	0.273305	mg/L	213061.64	0.177	3.967

	Ba	137	0.276603	mg/L	368110.29	0.305	4.105
>	Tb	159		mg/L	1205961.68	1205961.684	2.182
>	Ho	165		mg/L	1203327.15	1203327.146	6.290
	Hg	202	0.022102	mg/L	94.67	0.000	46.346
	Tl	203	0.202436	mg/L	619499.71	0.516	7.190
	Tl	205	0.201588	mg/L	1439513.57	1.201	10.915
	Pb	208	0.202298	mg/L	2044538.61	1.702	4.382
	Bi	209	0.204723	mg/L	1753215.47	1.458	2.478
	Th	232	0.201129	mg/L	1962530.16	1.634	6.016
	U	238	0.200537	mg/L	1868574.60	1.559	9.699

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113234-MSD1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:54:36
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\1113234-MSD1.028
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 30

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	69927.42	69927.419	2.862
	Be	9	0.197995	mg/L	23212.86	0.332	1.389
	B	11	0.185529	mg/L	22263.81	0.310	2.326
	Na	23	13.064489	mg/L	18849254.09	50.853	0.468
	Mg	24	4.706238	mg/L	4839278.81	13.061	1.060
	Al	27	0.950976	mg/L	1434503.02	3.861	2.437
	Si	28	21.212336	mg/L	19911524.56	53.380	8.391
	K	39	9.160630	mg/L	23322201.08	57.294	10.086
	Ca	44	9.272214	mg/L	958737.95	2.146	7.144
>	Sc	45		mg/L	370406.61	370406.606	4.257
	Ti	47	0.206086	mg/L	51383.11	0.133	1.397
	V	51	0.209958	mg/L	648024.49	1.786	2.367
	Cr	52	0.208168	mg/L	588545.02	1.572	8.648
	Mn	55	1.041488	mg/L	4223896.48	11.424	7.105
	Fe	57	41.970821	mg/L	3754680.34	10.102	1.356
	Ni	58	0.467597	mg/L	893776.42	4.023	11.535
	Co	59	0.197327	mg/L	697241.49	3.145	8.202
	Ni	60	0.201013	mg/L	159713.81	0.717	1.767
	Ni	62	0.204080	mg/L	25187.84	0.113	1.138
	Cu	63	0.196756	mg/L	400908.09	1.804	4.211
	Cu	65	0.193797	mg/L	189232.91	0.852	8.217
	Zn	66	0.198284	mg/L	124405.02	0.559	11.506
	Zn	68	0.200827	mg/L	90203.71	0.404	8.895
	Ga	69	0.203977	mg/L	686077.57	3.082	4.017
>	Ge	72		mg/L	222406.29	222406.290	6.213
	As	75	0.199947	mg/L	161008.12	0.725	4.505
	Se	77	0.214390	mg/L	12320.13	0.042	9.417
	Se	82	0.193927	mg/L	9887.00	0.012	11.662
	Sr	88	0.275093	mg/L	1808866.11	2.220	5.660
>	Y	89		mg/L	816793.02	816793.018	6.490
	Mo	95	0.205990	mg/L	235883.95	0.289	2.960
	Mo	98	0.201092	mg/L	378038.74	0.464	8.384
>	Rh	103		mg/L	726765.78	726765.780	3.143
	Ag	107	0.111690	mg/L	330813.19	0.455	4.837
	Ag	109	0.110133	mg/L	316332.28	0.436	7.586
	Cd	111	0.201415	mg/L	151560.82	0.209	6.194
	Cd	114	0.196600	mg/L	351135.75	0.483	0.551
>	In	115		mg/L	864585.71	864585.710	7.557
	Sn	118	0.211591	mg/L	450854.71	0.522	2.998
	Sn	120	0.219202	mg/L	642908.47	0.746	7.852
	Sb	121	0.250607	mg/L	697514.72	0.812	12.240
	Sb	123	0.244071	mg/L	537621.58	0.625	9.806
	Ba	135	0.259222	mg/L	203665.98	0.167	9.334

	Ba	137	0.265431	mg/L	356286.22	0.293	8.984
>	Tb	159		mg/L	1220263.27	1220263.272	6.019
>	Ho	165		mg/L	1169169.89	1169169.888	2.420
	Hg	202	0.025041	mg/L	98.67	0.000	19.493
	Tl	203	0.200174	mg/L	596824.05	0.510	3.383
	Tl	205	0.208165	mg/L	1450299.88	1.240	2.112
	Pb	208	0.204346	mg/L	2009400.05	1.719	1.985
	Bi	209	0.200052	mg/L	1665069.13	1.425	5.166
	Th	232	0.201005	mg/L	1909535.95	1.633	2.999
	U	238	0.203859	mg/L	1852329.49	1.585	2.622

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 13:59:41
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\RINSE.029
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	65808.44	65808.443	2.778
	Be	9	0.000107	mg/L	20.00	0.000	95.666
	B	11	0.002866	mg/L	755.71	0.003	38.272
	Na	23	-0.012368	mg/L	18211.71	0.012	92.163
	Mg	24	-0.000320	mg/L	916.40	0.001	133.990
	Al	27	-0.000394	mg/L	2431.02	-0.008	13.584
	Si	28	-0.004259	mg/L	185108.39	0.005	438.279
	K	39	0.228994	mg/L	2451381.13	0.892	25.085
	Ca	44	-0.304463	mg/L	137608.80	-0.070	11.827
>	Sc	45		mg/L	364691.37	364691.372	2.076
	Ti	47	-0.002017	mg/L	1656.17	-0.001	29.258
	V	51	0.003639	mg/L	-4607.21	0.024	17.535
	Cr	52	-0.001094	mg/L	6036.06	-0.005	16.037
	Mn	55	-0.000049	mg/L	1238.77	0.001	77.230
	Fe	57	0.003379	mg/L	13427.05	0.001	81.143
	Ni	58	-0.000083	mg/L	3013.53	-0.001	117.665
	Co	59	0.000036	mg/L	173.00	0.000	33.055
	Ni	60	-0.000331	mg/L	119.34	-0.001	3.401
	Ni	62	-0.000278	mg/L	119.34	-0.000	41.427
	Cu	63	-0.000455	mg/L	454.02	0.000	52.078
	Cu	65	-0.000413	mg/L	321.68	0.000	40.796
	Zn	66	-0.002090	mg/L	449.68	-0.001	21.786
	Zn	68	-0.002395	mg/L	447.68	-0.001	34.234
	Ga	69	-0.000291	mg/L	1576.82	-0.000	219.272
>	Ge	72		mg/L	218565.11	218565.106	5.310
	As	75	0.000729	mg/L	595.98	0.002	29.549
	Se	77	-0.084698	mg/L	995.06	-0.009	5.859
	Se	82	0.000926	mg/L	11.93	0.000	284.284
	Sr	88	-0.000045	mg/L	366.01	0.000	70.377
>	Y	89		mg/L	806419.26	806419.265	6.795
	Mo	95	0.001021	mg/L	1149.75	0.001	14.095
	Mo	98	0.001093	mg/L	1817.96	0.002	17.825
>	Rh	103		mg/L	732270.22	732270.217	3.827
	Ag	107	0.000049	mg/L	364.68	0.000	27.685
	Ag	109	-0.000017	mg/L	346.68	0.000	19.197
	Cd	111	-0.000098	mg/L	52.33	0.000	36.530
	Cd	114	0.000025	mg/L	140.84	0.000	83.768
>	In	115		mg/L	869015.31	869015.313	5.746
	Sn	118	0.000122	mg/L	654.36	0.000	17.382
	Sn	120	0.000169	mg/L	1025.05	0.001	32.192
	Sb	121	0.000184	mg/L	615.69	0.000	6.934
	Sb	123	0.000204	mg/L	483.83	0.000	7.658
	Ba	135	0.000055	mg/L	81.67	0.000	56.798

	Ba	137	0.000003	mg/L	96.45	0.000	212.148
>	Tb	159		mg/L	1217041.17	1217041.168	4.934
>	Ho	165		mg/L	1168039.98	1168039.979	1.779
	Hg	202	0.002269	mg/L	50.00	-0.000	13.624
	Tl	203	0.000241	mg/L	935.73	0.000	68.690
	Tl	205	0.000210	mg/L	2248.32	0.001	65.944
	Pb	208	-0.000102	mg/L	490.01	0.000	76.835
	Bi	209	0.000137	mg/L	1291.44	0.001	25.414
	Th	232	0.000611	mg/L	2496.04	0.001	30.673
	U	238	-0.000069	mg/L	198.34	0.000	56.737

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:04:46
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-CCV2.030
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	64658.24	64658.240	3.031
	Be	9	0.039358	mg/L	4270.05	0.066	3.110
	B	11	0.034242	mg/L	4147.32	0.056	7.601
	Na	23	0.359669	mg/L	537803.15	1.459	1.234
	Mg	24	0.381799	mg/L	381378.58	1.062	5.586
	Al	27	0.192445	mg/L	283548.65	0.777	8.089
	Si	28	0.023227	mg/L	206863.67	0.074	63.498
	K	39	0.848362	mg/L	3816129.64	4.803	12.739
	Ca	44	0.141530	mg/L	172492.16	0.033	64.811
>	Sc	45		mg/L	359531.81	359531.809	5.255
	Ti	47	0.040073	mg/L	11373.22	0.026	5.600
	V	51	0.045855	mg/L	124509.49	0.385	12.776
	Cr	52	0.042693	mg/L	124056.63	0.325	11.654
	Mn	55	0.041068	mg/L	163386.51	0.452	1.178
	Fe	57	0.205615	mg/L	30710.78	0.049	4.497
	Ni	58	0.041221	mg/L	80119.45	0.354	2.010
	Co	59	0.040158	mg/L	138998.63	0.640	4.611
	Ni	60	0.040393	mg/L	31640.73	0.144	4.393
	Ni	62	0.039962	mg/L	4935.06	0.022	3.011
	Cu	63	0.038381	mg/L	77475.81	0.355	6.844
	Cu	65	0.038350	mg/L	37207.83	0.170	6.659
	Zn	66	0.037154	mg/L	24239.86	0.109	2.704
	Zn	68	0.038401	mg/L	18092.86	0.081	3.346
	Ga	69	0.040904	mg/L	136515.47	0.621	5.559
>	Ge	72		mg/L	216987.84	216987.842	1.343
	As	75	0.039887	mg/L	31398.01	0.144	5.176
	Se	77	0.043793	mg/L	5740.20	0.013	11.304
	Se	82	0.040321	mg/L	1971.50	0.002	2.103
	Sr	88	0.041750	mg/L	266556.37	0.337	4.996
>	Y	89		mg/L	789640.82	789640.823	0.433
	Mo	95	0.039827	mg/L	44149.31	0.056	5.656
	Mo	98	0.039648	mg/L	72168.01	0.091	7.108
>	Rh	103		mg/L	748804.97	748804.966	3.774
	Ag	107	0.021358	mg/L	65438.77	0.087	2.314
	Ag	109	0.020934	mg/L	62314.92	0.083	4.508
	Cd	111	0.037748	mg/L	29332.33	0.039	10.169
	Cd	114	0.037280	mg/L	68500.34	0.092	11.056
>	In	115		mg/L	866605.41	866605.413	1.096
	Sn	118	0.041461	mg/L	88970.05	0.102	5.020
	Sn	120	0.041896	mg/L	124033.17	0.143	5.534
	Sb	121	0.040877	mg/L	114794.17	0.132	4.263
	Sb	123	0.040289	mg/L	89409.77	0.103	4.215
	Ba	135	0.040171	mg/L	30801.41	0.026	2.028

	Ba	137	0.041288	mg/L	54046.67	0.046	7.109
>	Tb	159		mg/L	1185787.03	1185787.025	3.276
>	Ho	165		mg/L	1141031.42	1141031.417	4.470
	Hg	202	0.006982	mg/L	58.67	-0.000	43.167
	Tl	203	0.041036	mg/L	119295.73	0.104	8.660
	Tl	205	0.042845	mg/L	291207.39	0.255	9.813
	Pb	208	0.040139	mg/L	386264.53	0.338	1.861
	Bi	209	0.040498	mg/L	329113.65	0.288	1.022
	Th	232	0.040895	mg/L	375901.68	0.329	7.544
	U	238	0.041787	mg/L	370196.01	0.325	10.286

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:09:51
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-CCB2.031
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	62040.18	62040.182	4.286
	Be	9	0.000150	mg/L	23.33	0.000	104.921
	B	11	0.000860	mg/L	502.35	0.000	4847.059
	Na	23	-0.011431	mg/L	19530.49	0.016	16.793
	Mg	24	-0.000744	mg/L	485.02	0.000	87.558
	Al	27	0.001164	mg/L	4742.62	-0.001	63.595
	Si	28	-0.018942	mg/L	171332.79	-0.032	157.973
	K	39	0.454150	mg/L	2969396.39	2.314	20.260
	Ca	44	-0.284354	mg/L	139233.85	-0.065	35.224
>	Sc	45		mg/L	365357.29	365357.287	6.059
	Ti	47	-0.001347	mg/L	1815.20	-0.000	27.868
	V	51	0.001511	mg/L	-11247.36	0.006	111.330
	Cr	52	0.000028	mg/L	9095.98	0.004	76.720
	Mn	55	-0.000112	mg/L	986.06	0.001	21.157
	Fe	57	0.008840	mg/L	13908.77	0.002	76.940
	Ni	58	-0.000013	mg/L	3015.53	-0.000	273.447
	Co	59	0.000030	mg/L	146.00	0.000	46.526
	Ni	60	-0.000309	mg/L	129.67	-0.001	13.511
	Ni	62	-0.000227	mg/L	119.67	-0.000	49.217
	Cu	63	-0.000441	mg/L	461.68	0.000	52.814
	Cu	65	-0.000427	mg/L	295.67	0.000	78.121
	Zn	66	-0.002116	mg/L	416.35	-0.001	12.216
	Zn	68	-0.002251	mg/L	489.68	-0.000	26.530
	Ga	69	-0.000145	mg/L	1970.90	0.002	41.800
>	Ge	72		mg/L	209573.66	209573.662	4.935
	As	75	0.000402	mg/L	322.24	0.001	101.503
	Se	77	0.013179	mg/L	4447.13	0.008	11.070
	Se	82	0.000492	mg/L	-8.46	-0.000	375.149
	Sr	88	-0.000053	mg/L	301.01	0.000	23.899
>	Y	89		mg/L	785009.77	785009.771	5.187
	Mo	95	0.000517	mg/L	567.02	0.001	5.723
	Mo	98	0.000640	mg/L	958.65	0.001	4.583
>	Rh	103		mg/L	744105.67	744105.669	1.882
	Ag	107	-0.000017	mg/L	172.34	0.000	25.782
	Ag	109	-0.000076	mg/L	179.67	0.000	35.243
	Cd	111	-0.000107	mg/L	46.67	0.000	46.818
	Cd	114	0.000028	mg/L	148.74	0.000	26.830
>	In	115		mg/L	875921.13	875921.129	3.911
	Sn	118	0.000044	mg/L	486.68	0.000	34.361
	Sn	120	0.000056	mg/L	684.36	0.000	29.820
	Sb	121	0.002605	mg/L	7468.85	0.008	16.973
	Sb	123	0.002582	mg/L	5814.58	0.006	14.235
	Ba	135	0.000031	mg/L	60.67	0.000	153.928

	Ba	137	0.000003	mg/L	92.12	0.000	40.052
>	Tb	159		mg/L	1175483.93	1175483.931	2.335
>	Ho	165		mg/L	1178128.71	1178128.711	4.674
	Hg	202	0.009472	mg/L	66.00	-0.000	385.837
	Tl	203	0.000024	mg/L	288.67	-0.000	16.956
	Tl	205	-0.000023	mg/L	621.69	-0.000	20.926
	Pb	208	-0.000112	mg/L	386.34	0.000	89.623
	Bi	209	0.000079	mg/L	805.38	0.001	25.513
	Th	232	0.000875	mg/L	5033.47	0.003	21.463
	U	238	-0.000079	mg/L	104.00	0.000	20.935

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1113234-PS1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:14:55
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\1113234-PS1.032
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 31

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	64928.82	64928.821	5.519
	Be	9	0.051481	mg/L	5602.45	0.086	3.677
	B	11	0.062128	mg/L	7190.92	0.103	8.578
	Na	23	11.271861	mg/L	16224708.15	43.884	2.433
	Mg	24	3.281699	mg/L	3361824.13	9.108	3.644
	Al	27	0.254123	mg/L	383878.87	1.027	8.361
	Si	28	21.014786	mg/L	19665286.23	52.883	9.644
	K	39	7.514189	mg/L	19442906.66	46.897	7.170
	Ca	44	7.486302	mg/L	804857.99	1.732	1.737
>	Sc	45		mg/L	369444.02	369444.020	4.610
	Ti	47	0.052948	mg/L	14762.13	0.035	3.303
	V	51	0.054511	mg/L	155493.44	0.459	7.784
	Cr	52	0.053618	mg/L	157919.80	0.407	9.669
	Mn	55	0.869977	mg/L	3524721.36	9.543	2.648
	Fe	57	40.421611	mg/L	3608517.88	9.730	1.293
	Ni	58	0.318059	mg/L	610469.05	2.736	6.030
	Co	59	0.049951	mg/L	176886.44	0.796	2.648
	Ni	60	0.051205	mg/L	40964.29	0.183	2.338
	Ni	62	0.049557	mg/L	6229.20	0.027	1.088
	Cu	63	0.048035	mg/L	98892.49	0.444	5.414
	Cu	65	0.047555	mg/L	47005.34	0.211	9.640
	Zn	66	0.048496	mg/L	31810.30	0.141	8.554
	Zn	68	0.051232	mg/L	24188.71	0.106	3.185
	Ga	69	0.051222	mg/L	174377.82	0.777	2.623
>	Ge	72		mg/L	222247.77	222247.768	4.172
	As	75	0.048434	mg/L	39025.04	0.175	4.053
	Se	77	0.061892	mg/L	6553.10	0.016	15.202
	Se	82	0.047761	mg/L	2395.30	0.003	11.062
	Sr	88	0.123441	mg/L	807684.60	0.996	2.531
>	Y	89		mg/L	810046.26	810046.263	3.886
	Mo	95	0.050215	mg/L	57048.68	0.070	3.201
	Mo	98	0.048654	mg/L	90706.80	0.112	8.185
>	Rh	103		mg/L	733222.06	733222.063	2.439
	Ag	107	0.025485	mg/L	76446.51	0.104	4.579
	Ag	109	0.025006	mg/L	72891.40	0.099	1.406
	Cd	111	0.047525	mg/L	36192.96	0.049	4.864
	Cd	114	0.046669	mg/L	84076.25	0.115	8.126
>	In	115		mg/L	848739.07	848739.073	3.393
	Sn	118	0.052082	mg/L	109283.88	0.129	4.399
	Sn	120	0.053314	mg/L	154236.34	0.182	7.866
	Sb	121	0.058734	mg/L	161261.25	0.190	7.840
	Sb	123	0.057334	mg/L	124508.03	0.147	3.657
	Ba	135	0.108902	mg/L	84280.14	0.070	4.605

	Ba	137	0.111484	mg/L	147352.95	0.123	2.339
>	Tb	159		mg/L	1197043.87	1197043.865	1.194
>	Ho	165		mg/L	1146303.24	1146303.236	5.692
	Hg	202	0.003517	mg/L	51.67	-0.000	0.993
	Tl	203	0.051585	mg/L	150601.50	0.131	6.791
	Tl	205	0.053059	mg/L	361914.11	0.316	8.943
	Pb	208	0.050908	mg/L	491558.17	0.429	2.633
	Bi	209	0.050666	mg/L	413400.08	0.361	2.171
	Th	232	0.052964	mg/L	490030.19	0.428	5.979
	U	238	0.051889	mg/L	461360.24	0.404	9.569

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-35
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:20:00
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-35.033
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 32

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	65578.49	65578.486	3.136
	Be	9	0.000208	mg/L	31.00	0.000	41.336
	B	11	0.017472	mg/L	2358.66	0.028	10.845
	Na	23	8.783073	mg/L	12694196.82	34.208	1.141
	Mg	24	3.779259	mg/L	3881843.78	10.489	5.561
	Al	27	0.015034	mg/L	25659.47	0.055	11.510
	Si	28	19.573434	mg/L	18372020.54	49.257	11.451
	K	39	1.623450	mg/L	5745773.54	9.698	9.678
	Ca	44	10.876816	mg/L	1098647.74	2.517	1.498
>	Sc	45		mg/L	370839.27	370839.272	5.827
	Ti	47	0.001600	mg/L	2543.71	0.001	23.770
	V	51	0.000614	mg/L	-14307.24	-0.002	216.886
	Cr	52	0.001105	mg/L	12233.69	0.012	29.466
	Mn	55	2.283716	mg/L	9286046.40	25.048	1.394
	Fe	57	49.856072	mg/L	4462311.14	12.000	0.849
	Ni	58	0.333451	mg/L	624913.96	2.869	2.780
	Co	59	0.000073	mg/L	300.01	0.001	10.966
	Ni	60	-0.000041	mg/L	342.34	0.000	117.233
	Ni	62	-0.000010	mg/L	150.00	0.000	435.840
	Cu	63	-0.000290	mg/L	778.04	0.002	10.745
	Cu	65	-0.000316	mg/L	411.68	0.001	16.652
	Zn	66	0.003241	mg/L	3674.78	0.014	5.264
	Zn	68	0.004683	mg/L	3504.38	0.013	4.694
	Ga	69	0.001824	mg/L	8487.72	0.031	5.600
>	Ge	72		mg/L	216780.61	216780.612	1.894
	As	75	0.000898	mg/L	729.77	0.003	35.126
	Se	77	0.032404	mg/L	5313.61	0.011	9.130
	Se	82	0.000158	mg/L	-24.43	-0.000	114.450
	Sr	88	0.193504	mg/L	1231433.50	1.562	4.394
>	Y	89		mg/L	788247.42	788247.422	2.747
	Mo	95	0.000500	mg/L	551.02	0.001	10.721
	Mo	98	0.000585	mg/L	861.78	0.001	6.509
>	Rh	103		mg/L	722047.00	722046.996	3.856
	Ag	107	-0.000008	mg/L	193.67	0.000	19.341
	Ag	109	-0.000083	mg/L	155.00	0.000	28.100
	Cd	111	-0.000104	mg/L	47.67	0.000	50.734
	Cd	114	0.000040	mg/L	165.69	0.000	21.793
>	In	115		mg/L	874479.91	874479.908	2.216
	Sn	118	0.000181	mg/L	782.04	0.001	10.464
	Sn	120	0.000187	mg/L	1076.36	0.001	9.076
	Sb	121	0.001947	mg/L	5609.13	0.006	11.163
	Sb	123	0.002007	mg/L	4524.41	0.005	10.945
	Ba	135	0.072704	mg/L	56554.68	0.047	0.220

	Ba	137	0.072520	mg/L	96310.65	0.080	4.703
>	Tb	159		mg/L	1203196.36	1203196.365	2.644
>	Ho	165		mg/L	1191573.28	1191573.282	4.568
	Hg	202	0.001303	mg/L	48.67	-0.000	36.722
	Tl	203	0.000063	mg/L	411.01	-0.000	37.959
	Tl	205	0.000015	mg/L	894.72	-0.000	45.554
	Pb	208	-0.000068	mg/L	836.69	0.000	3.111
	Bi	209	0.000062	mg/L	675.03	0.000	27.110
	Th	232	0.000734	mg/L	3718.81	0.002	26.248
	U	238	-0.000078	mg/L	116.34	0.000	32.668

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-36
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:25:06
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-36.034
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 33

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	61605.51	61605.506	3.739
	Be	9	0.000202	mg/L	28.67	0.000	30.722
	B	11	0.019224	mg/L	2397.01	0.031	10.301
	Na	23	4.351170	mg/L	6181518.42	16.977	0.947
	Mg	24	2.078753	mg/L	2094258.77	5.770	6.231
	Al	27	0.014041	mg/L	23720.17	0.051	8.725
	Si	28	2.268909	mg/L	2258041.22	5.724	9.129
	K	39	1.365999	mg/L	5048858.50	8.072	5.788
	Ca	44	12.922612	mg/L	1249532.28	2.990	4.122
>	Sc	45		mg/L	363385.63	363385.632	3.629
	Ti	47	-0.000712	mg/L	1953.56	0.000	4307.679
	V	51	-0.002849	mg/L	-24960.31	-0.031	123.858
	Cr	52	0.001867	mg/L	14091.74	0.018	20.149
	Mn	55	0.138236	mg/L	552453.20	1.518	1.843
	Fe	57	3.416542	mg/L	311811.67	0.822	1.520
	Ni	58	0.024469	mg/L	48297.79	0.210	2.025
	Co	59	0.001938	mg/L	6675.52	0.031	5.001
	Ni	60	0.002122	mg/L	1993.57	0.008	6.311
	Ni	62	0.002040	mg/L	391.35	0.001	4.843
	Cu	63	-0.000142	mg/L	1061.07	0.003	7.625
	Cu	65	-0.000100	mg/L	611.69	0.002	9.828
	Zn	66	0.005433	mg/L	4954.07	0.020	2.004
	Zn	68	0.005491	mg/L	3812.84	0.015	6.619
	Ga	69	0.000452	mg/L	3955.23	0.011	6.592
>	Ge	72		mg/L	214593.72	214593.718	0.451
	As	75	-0.000395	mg/L	-283.35	-0.002	156.964
	Se	77	0.125990	mg/L	8686.58	0.027	11.142
	Se	82	0.000545	mg/L	-5.70	-0.000	48.892
	Sr	88	0.053147	mg/L	340585.77	0.429	4.727
>	Y	89		mg/L	793147.54	793147.540	1.137
	Mo	95	0.000275	mg/L	303.01	0.000	11.081
	Mo	98	0.000360	mg/L	453.82	0.001	19.651
>	Rh	103		mg/L	711871.82	711871.820	5.381
	Ag	107	-0.000038	mg/L	103.00	0.000	12.418
	Ag	109	-0.000108	mg/L	82.33	0.000	21.476
	Cd	111	-0.000089	mg/L	58.67	0.000	28.187
	Cd	114	0.000050	mg/L	180.76	0.000	28.414
>	In	115		mg/L	866066.55	866066.551	1.931
	Sn	118	-0.000017	mg/L	351.34	0.000	27.688
	Sn	120	-0.000013	mg/L	475.96	0.000	20.188
	Sb	121	0.000843	mg/L	2461.02	0.003	5.888
	Sb	123	0.000891	mg/L	2005.01	0.002	4.881
	Ba	135	0.019236	mg/L	14830.24	0.012	3.810

	Ba	137	0.019175	mg/L	25256.06	0.021	7.116
>	Tb	159		mg/L	1191464.23	1191464.226	4.046
>	Ho	165		mg/L	1159220.89	1159220.894	3.977
	Hg	202	0.001079	mg/L	47.00	-0.000	50.433
	Tl	203	0.000001	mg/L	216.00	-0.000	12.184
	Tl	205	-0.000041	mg/L	488.02	-0.001	13.174
	Pb	208	-0.000030	mg/L	1187.37	0.001	3.659
	Bi	209	0.000015	mg/L	270.01	0.000	27.637
	Th	232	0.000492	mg/L	1344.45	0.000	75.418
	U	238	-0.000076	mg/L	134.67	0.000	16.576

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-37
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:30:11
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-37.035
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 34

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	60680.45	60680.452	0.584
	Be	9	0.000138	mg/L	21.67	0.000	8.104
	B	11	0.033314	mg/L	3800.50	0.055	8.278
	Na	23	77.965188	mg/L	110320771.59	303.178	1.753
	Mg	24	11.067737	mg/L	11179196.43	30.714	2.707
	Al	27	0.102538	mg/L	154708.86	0.411	3.480
	Si	28	4.170863	mg/L	4005708.06	10.508	2.669
	K	39	7.446308	mg/L	19021705.23	46.469	6.036
	Ca	44	53.069959	mg/L	4627586.16	12.277	4.799
>	Sc	45		mg/L	363878.63	363878.635	1.618
	Ti	47	0.001899	mg/L	2571.72	0.002	34.339
	V	51	0.001659	mg/L	-10632.41	0.007	367.096
	Cr	52	0.001842	mg/L	14069.35	0.017	4.351
	Mn	55	0.017911	mg/L	72862.08	0.198	6.862
	Fe	57	0.287638	mg/L	38280.83	0.069	5.058
	Ni	58	0.005454	mg/L	12861.23	0.047	9.597
	Co	59	0.000674	mg/L	2293.31	0.010	9.272
	Ni	60	0.004672	mg/L	3849.52	0.017	4.015
	Ni	62	0.004095	mg/L	620.69	0.002	8.216
	Cu	63	0.001889	mg/L	4931.39	0.022	2.632
	Cu	65	0.001534	mg/L	2096.93	0.009	7.608
	Zn	66	0.003285	mg/L	3573.41	0.014	8.977
	Zn	68	0.003633	mg/L	2944.84	0.011	5.817
	Ga	69	0.000695	mg/L	4625.89	0.014	8.418
>	Ge	72		mg/L	209585.20	209585.197	3.924
	As	75	0.000323	mg/L	285.80	0.001	721.244
	Se	77	0.040786	mg/L	5430.34	0.013	13.768
	Se	82	0.000512	mg/L	-7.20	-0.000	200.292
	Sr	88	0.221585	mg/L	1416168.63	1.788	5.036
>	Y	89		mg/L	792821.51	792821.515	3.531
	Mo	95	0.003210	mg/L	3569.07	0.004	3.194
	Mo	98	0.003324	mg/L	5881.22	0.007	5.447
>	Rh	103		mg/L	727414.11	727414.114	5.916
	Ag	107	-0.000039	mg/L	101.67	0.000	57.529
	Ag	109	-0.000109	mg/L	80.67	0.000	22.447
	Cd	111	-0.000081	mg/L	65.67	0.000	6.717
	Cd	114	0.000059	mg/L	200.80	0.000	29.093
>	In	115		mg/L	875977.64	875977.640	4.389
	Sn	118	-0.000031	mg/L	325.68	0.000	45.498
	Sn	120	-0.000032	mg/L	422.93	0.000	46.285
	Sb	121	0.000719	mg/L	2133.94	0.002	11.468
	Sb	123	0.000731	mg/L	1664.68	0.002	13.346
	Ba	135	0.026456	mg/L	19754.00	0.017	9.249

	Ba	137	0.026317	mg/L	33573.86	0.029	10.812
>	Tb	159		mg/L	1157021.77	1157021.767	4.918
>	Ho	165		mg/L	1144515.25	1144515.250	1.005
	Hg	202	0.004008	mg/L	52.67	-0.000	66.011
	Tl	203	-0.000009	mg/L	184.00	-0.000	4.061
	Tl	205	-0.000053	mg/L	403.35	-0.001	4.321
	Pb	208	0.000061	mg/L	2040.78	0.001	0.589
	Bi	209	0.000008	mg/L	205.67	0.000	3.395
	Th	232	0.000479	mg/L	1212.76	0.000	35.009
	U	238	0.002525	mg/L	23256.98	0.020	4.937

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-38
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:35:17
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-38.036
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 35

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	53338.40	53338.401	4.242
	Be	9	0.000358	mg/L	38.67	0.000	4.289
	B	11	0.014538	mg/L	1656.50	0.023	6.238
	Na	23	31.486393	mg/L	45389483.00	122.475	1.588
	Mg	24	59.429201	mg/L	61100384.94	164.911	0.804
	Al	27	0.003960	mg/L	9034.61	0.010	23.625
	Si	28	19.100022	mg/L	17951734.91	48.066	9.111
	K	39	2.743862	mg/L	8357273.26	16.773	10.831
	Ca	44	37.616494	mg/L	3386427.24	8.702	3.649
>	Sc	45		mg/L	370433.97	370433.973	3.713
	Ti	47	0.003424	mg/L	2981.19	0.003	10.596
	V	51	-0.018128	mg/L	-73358.91	-0.162	14.537
	Cr	52	0.001407	mg/L	13088.55	0.014	17.582
	Mn	55	67.379761	mg/L	273449854.84	738.985	4.374
	Fe	57	670.777968	mg/L	59841694.44	161.458	1.339
	Ni	58	3.517657	mg/L	8494787.65	30.266	12.685
	Co	59	0.000104	mg/L	528.69	0.001	6.384
	Ni	60	0.000286	mg/L	773.71	0.001	13.261
	Ni	62	0.007326	mg/L	1357.13	0.004	40.077
	Cu	63	-0.000214	mg/L	1209.43	0.002	3.507
	Cu	65	0.001540	mg/L	2815.80	0.009	16.556
	Zn	66	0.001321	mg/L	3251.28	0.009	17.988
	Zn	68	0.000366	mg/L	2123.60	0.005	13.167
	Ga	69	0.000923	mg/L	7195.25	0.018	6.036
>	Ge	72		mg/L	282096.54	282096.543	6.607
	As	75	0.000121	mg/L	162.11	-0.000	506.311
	Se	77	-0.033974	mg/L	3711.46	-0.000	1069.546
	Se	82	0.001696	mg/L	51.56	0.000	42.170
	Sr	88	0.180210	mg/L	1164024.70	1.454	2.902
>	Y	89		mg/L	800994.38	800994.383	6.321
	Mo	95	0.000765	mg/L	856.72	0.001	1.608
	Mo	98	0.000286	mg/L	321.35	0.000	17.095
>	Rh	103		mg/L	726220.62	726220.618	3.043
	Ag	107	0.000025	mg/L	292.34	0.000	9.363
	Ag	109	-0.000083	mg/L	155.00	0.000	10.107
	Cd	111	-0.000081	mg/L	65.00	0.000	14.841
	Cd	114	0.000050	mg/L	184.38	0.000	27.414
>	In	115		mg/L	857231.49	857231.493	6.718
	Sn	118	-0.000026	mg/L	328.68	0.000	10.426
	Sn	120	-0.000017	mg/L	455.93	0.000	43.636
	Sb	121	0.000466	mg/L	1384.79	0.001	13.465
	Sb	123	0.000473	mg/L	1064.92	0.001	10.601
	Ba	135	0.062261	mg/L	46280.31	0.040	9.522

	Ba	137	0.061894	mg/L	78650.66	0.068	7.139
>	Tb	159		mg/L	1151835.14	1151835.138	3.110
>	Ho	165		mg/L	1146552.86	1146552.860	2.372
	Hg	202	0.004595	mg/L	54.00	-0.000	70.060
	Tl	203	-0.000025	mg/L	135.67	-0.000	2.830
	Tl	205	-0.000075	mg/L	253.67	-0.001	3.864
	Pb	208	0.000085	mg/L	2274.13	0.002	5.200
	Bi	209	0.000004	mg/L	173.34	0.000	15.936
	Th	232	0.000566	mg/L	2025.91	0.001	14.419
	U	238	-0.000082	mg/L	74.00	0.000	14.462

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-39
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:40:24
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-39.037
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 36

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	63908.37	63908.368	3.821
	Be	9	0.003632	mg/L	396.68	0.006	10.743
	B	11	0.038633	mg/L	4565.19	0.063	9.913
	Na	23	58.490984	mg/L	84852845.06	227.465	0.953
	Mg	24	25.597981	mg/L	26457751.73	71.033	3.709
	Al	27	0.925356	mg/L	1402221.62	3.757	8.227
	Si	28	11.104724	mg/L	10572373.57	27.952	10.303
	K	39	0.931389	mg/L	4151166.10	5.328	15.127
	Ca	44	11.863731	mg/L	1188522.87	2.745	5.573
>	Sc	45		mg/L	372990.12	372990.121	5.822
	Ti	47	0.000915	mg/L	2396.67	0.001	16.638
	V	51	-0.001413	mg/L	-20889.24	-0.019	92.435
	Cr	52	0.002399	mg/L	15925.45	0.022	20.853
	Mn	55	0.305631	mg/L	1250154.02	3.354	3.527
	Fe	57	3.268273	mg/L	306934.82	0.787	1.589
	Ni	58	0.208226	mg/L	397184.18	1.791	9.533
	Co	59	0.110451	mg/L	387773.68	1.760	3.905
	Ni	60	0.196655	mg/L	155004.07	0.701	3.060
	Ni	62	0.197576	mg/L	24173.36	0.109	1.688
	Cu	63	0.002140	mg/L	5688.50	0.024	2.957
	Cu	65	0.001825	mg/L	2483.36	0.010	11.448
	Zn	66	0.346197	mg/L	214672.74	0.973	6.121
	Zn	68	0.350653	mg/L	155456.03	0.703	2.573
	Ga	69	0.000620	mg/L	4616.55	0.013	7.066
>	Ge	72		mg/L	220456.64	220456.642	4.241
	As	75	0.000911	mg/L	775.95	0.003	168.377
	Se	77	0.116412	mg/L	8527.79	0.026	24.116
	Se	82	0.002214	mg/L	91.21	0.000	33.043
	Sr	88	0.064923	mg/L	491953.90	0.524	1.527
>	Y	89		mg/L	937882.35	937882.347	5.737
	Mo	95	0.000173	mg/L	223.67	0.000	14.532
	Mo	98	0.000249	mg/L	295.24	0.000	25.672
>	Rh	103		mg/L	725978.81	725978.808	0.624
	Ag	107	-0.000019	mg/L	162.34	0.000	6.220
	Ag	109	-0.000090	mg/L	135.34	0.000	8.904
	Cd	111	0.001309	mg/L	1110.08	0.001	4.608
	Cd	114	0.001430	mg/L	2644.98	0.003	8.799
>	In	115		mg/L	862330.25	862330.251	5.127
	Sn	118	0.000056	mg/L	505.35	0.000	11.664
	Sn	120	0.000071	mg/L	717.97	0.000	26.583
	Sb	121	0.000647	mg/L	1900.55	0.002	9.351
	Sb	123	0.000673	mg/L	1515.16	0.002	7.370
	Ba	135	0.021762	mg/L	16984.39	0.014	6.920

	Ba	137	0.022189	mg/L	29616.05	0.024	1.574
>	Tb	159		mg/L	1205861.71	1205861.712	1.744
>	Ho	165		mg/L	1164531.89	1164531.889	5.013
	Hg	202	0.014998	mg/L	77.00	0.000	58.076
	Tl	203	0.000004	mg/L	226.01	-0.000	6.945
	Tl	205	-0.000036	mg/L	521.02	-0.001	7.817
	Pb	208	0.001707	mg/L	18176.24	0.015	3.210
	Bi	209	0.000033	mg/L	415.68	0.000	7.344
	Th	232	0.000482	mg/L	1257.77	0.000	53.860
	U	238	0.000416	mg/L	4573.53	0.004	8.290

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-40
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:45:30
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-40.038
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 37

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	57855.82	57855.820	2.214
	Be	9	0.000197	mg/L	26.33	0.000	37.869
	B	11	0.080810	mg/L	8231.15	0.134	8.842
	Na	23	S	mg/L	S	S	S
	Mg	24	84.487495	mg/L	84204341.61	234.445	6.643
	Al	27	0.004290	mg/L	9202.45	0.011	37.627
	Si	28	21.411862	mg/L	19520561.19	53.882	8.048
	K	39	5.447676	mg/L	14261445.80	33.848	5.570
	Ca	44	44.350298	mg/L	3855357.96	10.260	0.828
>	Sc	45		mg/L	360071.16	360071.163	5.968
	Ti	47	0.002791	mg/L	2743.77	0.002	23.690
	V	51	-0.002335	mg/L	-22879.23	-0.027	7.670
	Cr	52	0.001199	mg/L	12132.22	0.013	27.574
	Mn	55	8.063379	mg/L	31860833.87	88.436	1.980
	Fe	57	181.099030	mg/L	15705409.21	43.591	0.774
	Ni	58	1.161320	mg/L	2251057.03	9.992	4.470
	Co	59	0.007588	mg/L	27227.44	0.121	9.716
	Ni	60	0.003806	mg/L	3441.69	0.014	4.372
	Ni	62	0.012162	mg/L	1672.85	0.007	30.601
	Cu	63	0.004448	mg/L	10579.98	0.045	9.116
	Cu	65	0.000062	mg/L	802.38	0.002	10.210
	Zn	66	0.001076	mg/L	2455.36	0.008	2.941
	Zn	68	0.011035	mg/L	6476.71	0.026	9.828
	Ga	69	0.012877	mg/L	46293.19	0.198	7.851
>	Ge	72		mg/L	225169.90	225169.902	3.235
	As	75	0.002368	mg/L	1956.54	0.008	14.793
	Se	77	0.061861	mg/L	6650.50	0.016	8.141
	Se	82	0.006398	mg/L	270.67	0.000	3.079
	Sr	88	0.527079	mg/L	3185695.41	4.252	4.109
>	Y	89		mg/L	749206.98	749206.979	0.658
	Mo	95	0.000251	mg/L	260.67	0.000	19.984
	Mo	98	0.000232	mg/L	207.19	0.000	17.427
>	Rh	103		mg/L	677778.85	677778.854	3.688
	Ag	107	-0.000017	mg/L	156.67	0.000	20.232
	Ag	109	-0.000105	mg/L	87.33	0.000	68.966
	Cd	111	-0.000105	mg/L	44.00	0.000	56.819
	Cd	114	0.000026	mg/L	132.55	0.000	51.437
>	In	115		mg/L	790683.92	790683.921	1.672
	Sn	118	0.000266	mg/L	872.72	0.001	5.970
	Sn	120	0.000287	mg/L	1240.99	0.001	10.035
	Sb	121	0.000501	mg/L	1373.12	0.002	4.257
	Sb	123	0.000499	mg/L	1039.71	0.001	2.334
	Ba	135	0.516444	mg/L	383952.24	0.334	3.367

	Ba	137	0.530319	mg/L	672441.89	0.585	8.389
>	Tb	159		mg/L	1151730.91	1151730.913	4.648
>	Ho	165		mg/L	1086256.72	1086256.723	6.872
	Hg	202	0.006956	mg/L	56.00	-0.000	73.725
	Tl	203	-0.000037	mg/L	96.00	-0.000	0.792
	Tl	205	-0.000082	mg/L	191.67	-0.001	2.190
	Pb	208	-0.000044	mg/L	984.03	0.001	2.956
	Bi	209	0.000001	mg/L	144.00	0.000	110.360
	Th	232	0.000426	mg/L	684.03	-0.000	23.926
	U	238	-0.000084	mg/L	58.67	0.000	44.450

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-41
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:50:37
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-41.039
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 38

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	62541.60	62541.602	4.222
	Be	9	0.000116	mg/L	20.00	0.000	43.461
	B	11	0.399200	mg/L	42334.79	0.669	2.665
	Na	23	S	mg/L	S	S	S
	Mg	24	0.075598	mg/L	74279.72	0.212	1.032
	Al	27	0.275105	mg/L	391994.49	1.113	4.874
	Si	28	11.352805	mg/L	10092481.57	28.576	10.206
	K	39	68.100981	mg/L	151082430.30	429.496	10.207
	Ca	44	124.007119	mg/L	10123627.37	28.685	6.874
>	Sc	45		mg/L	348422.16	348422.157	5.849
	Ti	47	0.000481	mg/L	2139.94	0.001	54.210
	V	51	0.024130	mg/L	56592.83	0.199	4.058
	Cr	52	0.001051	mg/L	11356.21	0.011	27.396
	Mn	55	0.000747	mg/L	4213.35	0.010	10.586
	Fe	57	0.442515	mg/L	49616.34	0.106	3.225
	Ni	58	0.010085	mg/L	20417.53	0.086	12.141
	Co	59	0.001092	mg/L	3554.73	0.017	7.454
	Ni	60	0.009874	mg/L	7462.48	0.035	5.026
	Ni	62	0.010501	mg/L	1311.44	0.006	0.315
	Cu	63	0.001176	mg/L	3433.68	0.015	6.986
	Cu	65	0.000451	mg/L	1062.41	0.004	7.666
	Zn	66	0.000539	mg/L	1896.22	0.007	11.203
	Zn	68	0.000889	mg/L	1732.85	0.006	13.086
	Ga	69	0.003427	mg/L	12783.45	0.056	4.004
>	Ge	72		mg/L	202033.03	202033.031	4.858
	As	75	0.008561	mg/L	6297.07	0.030	5.018
	Se	77	0.066119	mg/L	6099.79	0.017	26.717
	Se	82	0.003901	mg/L	148.45	0.000	19.973
	Sr	88	0.558752	mg/L	3305979.88	4.508	3.426
>	Y	89		mg/L	734526.10	734526.102	7.509
	Mo	95	0.192785	mg/L	198382.25	0.271	4.060
	Mo	98	0.195517	mg/L	330091.18	0.452	9.889
>	Rh	103		mg/L	687459.01	687459.013	4.888
	Ag	107	-0.000049	mg/L	68.33	-0.000	44.454
	Ag	109	-0.000112	mg/L	68.67	0.000	194.359
	Cd	111	0.000148	mg/L	223.67	0.000	12.871
	Cd	114	0.000201	mg/L	428.72	0.000	6.861
>	In	115		mg/L	837334.25	837334.252	6.796
	Sn	118	0.000097	mg/L	573.36	0.000	13.340
	Sn	120	0.000089	mg/L	746.65	0.001	19.337
	Sb	121	0.000747	mg/L	2109.60	0.002	15.670
	Sb	123	0.000775	mg/L	1677.31	0.002	20.388
	Ba	135	0.035964	mg/L	26245.17	0.023	10.175

	Ba	137	0.036434	mg/L	45458.41	0.040	9.871
>	Tb	159		mg/L	1131941.96	1131941.958	5.453
>	Ho	165		mg/L	1121039.44	1121039.445	1.412
	Hg	202	0.843551	mg/L	1774.19	0.002	10.330
	Tl	203	-0.000035	mg/L	105.00	-0.000	2.188
	Tl	205	-0.000085	mg/L	181.67	-0.001	1.717
	Pb	208	-0.000018	mg/L	1256.05	0.001	9.365
	Bi	209	-0.000002	mg/L	125.34	-0.000	262.418
	Th	232	0.000422	mg/L	669.03	-0.000	33.235
	U	238	-0.000084	mg/L	55.00	0.000	40.269

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 14:55:43
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\RINSE.040
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	66435.26	66435.260	6.760
	Be	9	0.000139	mg/L	23.67	0.000	98.672
	B	11	0.004161	mg/L	904.39	0.006	41.683
	Na	23	0.019831	mg/L	60606.67	0.137	49.927
	Mg	24	0.001452	mg/L	2583.26	0.006	105.919
	Al	27	0.006242	mg/L	11991.58	0.019	245.836
	Si	28	-0.008720	mg/L	170415.24	-0.006	801.891
	K	39	0.142923	mg/L	2124431.29	0.349	112.039
	Ca	44	-0.375489	mg/L	124038.32	-0.086	30.685
>	Sc	45		mg/L	344649.49	344649.489	6.529
	Ti	47	-0.002385	mg/L	1476.13	-0.001	45.084
	V	51	0.003193	mg/L	-5616.77	0.020	24.625
	Cr	52	-0.000822	mg/L	6386.97	-0.003	67.038
	Mn	55	0.000626	mg/L	3758.87	0.009	102.172
	Fe	57	0.010279	mg/L	13245.48	0.002	108.578
	Ni	58	0.000347	mg/L	3549.73	0.003	37.000
	Co	59	0.000024	mg/L	120.00	0.000	554.228
	Ni	60	-0.000291	mg/L	139.00	-0.001	7.124
	Ni	62	-0.000153	mg/L	124.00	-0.000	121.681
	Cu	63	-0.000541	mg/L	261.67	-0.001	7.168
	Cu	65	-0.000481	mg/L	238.01	-0.000	107.058
	Zn	66	-0.002063	mg/L	433.68	-0.001	20.504
	Zn	68	-0.002226	mg/L	484.02	-0.000	30.606
	Ga	69	-0.000255	mg/L	1570.49	0.000	947.809
>	Ge	72		mg/L	202590.40	202590.400	2.506
	As	75	0.000417	mg/L	323.78	0.001	142.255
	Se	77	-0.079638	mg/L	1096.74	-0.008	11.770
	Se	82	0.000203	mg/L	-21.04	-0.000	65.267
	Sr	88	-0.000031	mg/L	412.68	0.000	100.035
>	Y	89		mg/L	739866.58	739866.581	2.317
	Mo	95	0.000783	mg/L	810.04	0.001	10.799
	Mo	98	0.000870	mg/L	1294.87	0.002	8.224
>	Rh	103		mg/L	690819.04	690819.043	4.718
	Ag	107	-0.000044	mg/L	83.00	0.000	694.785
	Ag	109	-0.000112	mg/L	69.67	0.000	63.038
	Cd	111	-0.000115	mg/L	37.33	0.000	50.833
	Cd	114	0.000015	mg/L	115.27	0.000	72.124
>	In	115		mg/L	838478.99	838478.990	4.026
	Sn	118	-0.000086	mg/L	198.00	-0.000	58.061
	Sn	120	-0.000090	mg/L	239.68	-0.000	25.892
	Sb	121	0.000089	mg/L	337.01	0.000	36.609
	Sb	123	0.000104	mg/L	253.48	0.000	31.640
	Ba	135	0.000042	mg/L	67.00	0.000	27.823

	Ba	137	0.000009	mg/L	97.15	0.000	72.599
>	Tb	159		mg/L	1140091.53	1140091.526	2.965
>	Ho	165		mg/L	1128126.34	1128126.343	5.902
	Hg	202	0.007393	mg/L	59.33	-0.000	326.853
	Tl	203	-0.000036	mg/L	103.33	-0.000	5.437
	Tl	205	-0.000083	mg/L	191.34	-0.001	2.315
	Pb	208	-0.000121	mg/L	291.67	-0.000	27.951
	Bi	209	-0.000008	mg/L	75.00	-0.000	9.114
	Th	232	0.000372	mg/L	214.00	-0.001	2.089
	U	238	-0.000085	mg/L	48.67	0.000	14.536

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 15:00:47
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-CCV3.041
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	68781.61	68781.608	4.647
	Be	9	0.039295	mg/L	4538.85	0.066	0.997
	B	11	0.034144	mg/L	4398.11	0.056	5.625
	Na	23	0.409423	mg/L	562146.17	1.652	2.192
	Mg	24	0.398224	mg/L	368611.90	1.107	0.920
	Al	27	0.199076	mg/L	271605.16	0.804	4.555
	Si	28	0.028547	mg/L	195635.45	0.087	70.306
	K	39	0.709647	mg/L	3237491.83	3.927	19.360
	Ca	44	0.121565	mg/L	157983.87	0.029	92.233
>	Sc	45		mg/L	332669.69	332669.686	5.738
	Ti	47	0.039160	mg/L	10347.01	0.026	2.423
	V	51	0.041450	mg/L	103137.02	0.347	4.369
	Cr	52	0.043582	mg/L	117031.76	0.332	10.382
	Mn	55	0.042113	mg/L	154583.78	0.464	6.639
	Fe	57	0.208030	mg/L	28606.25	0.050	4.725
	Ni	58	0.040279	mg/L	73962.68	0.346	12.147
	Co	59	0.040491	mg/L	132497.28	0.645	6.619
	Ni	60	0.041640	mg/L	30904.20	0.149	0.635
	Ni	62	0.040515	mg/L	4736.95	0.022	3.192
	Cu	63	0.039487	mg/L	75403.54	0.366	6.359
	Cu	65	0.038505	mg/L	35302.87	0.171	10.495
	Zn	66	0.037274	mg/L	22946.57	0.109	12.761
	Zn	68	0.038335	mg/L	17078.87	0.080	6.892
	Ga	69	0.041751	mg/L	131895.07	0.634	2.146
>	Ge	72		mg/L	205732.89	205732.887	5.753
	As	75	0.039733	mg/L	29635.89	0.143	3.562
	Se	77	0.095555	mg/L	7233.95	0.022	15.513
	Se	82	0.039228	mg/L	1863.22	0.002	14.872
	Sr	88	0.041221	mg/L	257158.67	0.333	2.386
>	Y	89		mg/L	772001.62	772001.625	6.625
	Mo	95	0.039897	mg/L	43123.83	0.056	5.929
	Mo	98	0.039168	mg/L	69396.58	0.090	10.136
>	Rh	103		mg/L	694648.18	694648.177	0.911
	Ag	107	0.022002	mg/L	62513.09	0.090	4.127
	Ag	109	0.021754	mg/L	60120.15	0.086	7.225
	Cd	111	0.039656	mg/L	28650.38	0.041	3.131
	Cd	114	0.038406	mg/L	65621.74	0.094	6.044
>	In	115		mg/L	819338.05	819338.047	8.149
	Sn	118	0.041368	mg/L	83781.62	0.102	3.627
	Sn	120	0.042858	mg/L	119254.08	0.146	11.349
	Sb	121	0.042934	mg/L	113196.81	0.139	13.776
	Sb	123	0.042154	mg/L	87938.51	0.108	10.693
	Ba	135	0.039863	mg/L	29623.58	0.026	8.267

	Ba	137	0.040898	mg/L	51962.42	0.045	5.336
>	Tb	159		mg/L	1150782.73	1150782.735	3.824
>	Ho	165		mg/L	1102564.31	1102564.306	4.369
	Hg	202	0.009494	mg/L	61.67	-0.000	660.083
	Tl	203	0.041252	mg/L	116153.81	0.105	0.693
	Tl	205	0.043094	mg/L	283370.37	0.256	5.566
	Pb	208	0.041585	mg/L	386364.53	0.351	4.508
	Bi	209	0.041190	mg/L	323720.57	0.293	2.363
	Th	232	0.041583	mg/L	370072.75	0.335	2.590
	U	238	0.042091	mg/L	360767.12	0.328	6.333

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 15:05:52
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-CCB3.042
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	66244.86	66244.858	1.703
	Be	9	0.000151	mg/L	25.00	0.000	55.200
	B	11	0.001121	mg/L	566.02	0.000	226.221
	Na	23	0.001513	mg/L	35420.53	0.066	8.437
	Mg	24	-0.000656	mg/L	537.02	0.000	8.682
	Al	27	0.001174	mg/L	4443.80	-0.001	33.545
	Si	28	-0.017421	mg/L	161579.22	-0.028	86.164
	K	39	0.258941	mg/L	2354107.41	1.081	15.178
	Ca	44	-0.329172	mg/L	126516.90	-0.075	16.228
>	Sc	45		mg/L	340726.41	340726.409	4.067
	Ti	47	-0.001723	mg/L	1609.83	-0.001	32.953
	V	51	-0.002836	mg/L	-23256.23	-0.031	52.544
	Cr	52	0.000480	mg/L	9659.90	0.007	32.557
	Mn	55	-0.000057	mg/L	1128.75	0.001	4.298
	Fe	57	0.007803	mg/L	12904.96	0.002	34.513
	Ni	58	0.000151	mg/L	3178.92	0.001	54.880
	Co	59	0.000028	mg/L	133.34	0.000	51.354
	Ni	60	-0.000258	mg/L	161.34	-0.001	14.033
	Ni	62	-0.000286	mg/L	108.34	-0.000	52.434
	Cu	63	-0.000501	mg/L	333.01	-0.000	89.308
	Cu	65	-0.000492	mg/L	226.01	-0.000	6.922
	Zn	66	-0.002130	mg/L	391.01	-0.001	17.495
	Zn	68	-0.002120	mg/L	521.35	-0.000	99.032
	Ga	69	-0.000093	mg/L	2047.92	0.003	21.155
>	Ge	72		mg/L	200621.02	200621.018	1.889
	As	75	-0.000234	mg/L	-151.41	-0.001	47.641
	Se	77	0.066245	mg/L	6079.43	0.017	3.874
	Se	82	0.000468	mg/L	-9.18	-0.000	195.288
	Sr	88	-0.000056	mg/L	270.67	0.000	51.812
>	Y	89		mg/L	751487.59	751487.587	1.449
	Mo	95	0.000450	mg/L	472.02	0.001	6.043
	Mo	98	0.000525	mg/L	717.32	0.001	2.792
>	Rh	103		mg/L	680858.89	680858.888	3.409
	Ag	107	-0.000027	mg/L	129.34	0.000	64.721
	Ag	109	-0.000092	mg/L	123.00	0.000	23.394
	Cd	111	-0.000119	mg/L	34.33	0.000	168.233
	Cd	114	0.000028	mg/L	135.68	0.000	59.858
>	In	115		mg/L	832571.30	832571.302	2.234
	Sn	118	-0.000003	mg/L	366.68	0.000	46.403
	Sn	120	0.000007	mg/L	513.68	0.000	46.225
	Sb	121	0.002522	mg/L	6895.04	0.008	12.931
	Sb	123	0.002484	mg/L	5330.66	0.006	13.389
	Ba	135	0.000032	mg/L	60.33	0.000	128.921

	Ba	137	0.000003	mg/L	90.46	0.000	82.958
>	Tb	159		mg/L	1159410.58	1159410.575	5.562
>	Ho	165		mg/L	1126594.99	1126594.992	6.327
	Hg	202	0.011116	mg/L	66.33	0.000	522.297
	Tl	203	-0.000026	mg/L	130.00	-0.000	6.492
	Tl	205	-0.000068	mg/L	290.01	-0.001	5.539
	Pb	208	-0.000115	mg/L	341.01	0.000	469.869
	Bi	209	0.000050	mg/L	541.36	0.000	27.903
	Th	232	0.000921	mg/L	5211.25	0.004	27.703
	U	238	-0.000079	mg/L	104.33	0.000	20.161

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-07RE1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 17:02:33
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-07RE1.043
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 41

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	68523.76	68523.759	6.825
	Be	9	0.000206	mg/L	32.00	0.000	45.997
	B	11	0.250654	mg/L	29211.82	0.420	7.842
	Na	23	182.295091	mg/L	255528452.23	708.798	2.039
	Mg	24	0.551169	mg/L	551982.97	1.532	7.381
	Al	27	1.361939	mg/L	1995931.75	5.532	10.746
	Si	28	12.778587	mg/L	11756023.76	32.163	10.199
	K	39	76.938281	mg/L	176907708.63	485.303	5.709
	Ca	44	208.990633	mg/L	17591653.93	48.343	2.133
>	Sc	45		mg/L	360643.73	360643.730	3.272
	Ti	47	0.062638	mg/L	16652.08	0.041	7.438
	V	51	0.021470	mg/L	50225.62	0.176	14.609
	Cr	52	0.010301	mg/L	36864.73	0.081	9.668
	Mn	55	0.155718	mg/L	617243.56	1.710	4.095
	Fe	57	6.593643	mg/L	585231.95	1.587	3.198
	Ni	58	0.051527	mg/L	96468.74	0.443	2.340
	Co	59	0.002402	mg/L	8117.39	0.038	7.205
	Ni	60	0.014066	mg/L	10939.72	0.050	7.263
	Ni	62	0.014851	mg/L	1874.55	0.008	6.974
	Cu	63	0.020950	mg/L	41652.12	0.196	6.612
	Cu	65	0.020526	mg/L	19656.44	0.092	4.900
	Zn	66	0.059109	mg/L	36463.04	0.170	1.936
	Zn	68	0.057745	mg/L	25705.43	0.119	7.969
	Ga	69	0.001975	mg/L	8730.96	0.034	7.317
>	Ge	72		mg/L	210686.99	210686.987	2.268
	As	75	0.022370	mg/L	17103.56	0.080	6.374
	Se	77	-0.018342	mg/L	3343.98	0.003	30.504
	Se	82	0.004431	mg/L	187.11	0.000	16.024
	Sr	88	0.816749	mg/L	5212370.38	6.589	4.989
>	Y	89		mg/L	790404.45	790404.451	2.851
	Mo	95	0.091737	mg/L	101666.18	0.129	6.876
	Mo	98	0.092198	mg/L	168034.28	0.213	7.532
>	Rh	103		mg/L	684758.91	684758.908	7.310
	Ag	107	0.000138	mg/L	591.69	0.001	0.435
	Ag	109	0.000063	mg/L	540.69	0.001	13.652
	Cd	111	0.000450	mg/L	435.35	0.001	14.336
	Cd	114	0.000512	mg/L	940.54	0.001	26.771
>	In	115		mg/L	851117.02	851117.022	1.220
	Sn	118	0.021645	mg/L	45788.73	0.054	6.747
	Sn	120	0.021568	mg/L	62941.22	0.074	7.485
	Sb	121	0.001257	mg/L	3559.07	0.004	8.543
	Sb	123	0.001316	mg/L	2899.88	0.003	2.761
	Ba	135	0.044535	mg/L	35174.60	0.029	3.055

	Ba	137	0.043551	mg/L	58732.96	0.048	7.211
>	Tb	159		mg/L	1221975.47	1221975.473	3.389
>	Ho	165		mg/L	1191263.24	1191263.242	5.207
	Hg	202	0.475007	mg/L	1079.74	0.001	7.024
	Tl	203	-0.000024	mg/L	145.00	-0.000	5.543
	Tl	205	-0.000069	mg/L	304.34	-0.001	2.256
	Pb	208	0.011418	mg/L	115756.20	0.097	2.658
	Bi	209	0.000039	mg/L	482.02	0.000	5.445
	Th	232	0.001007	mg/L	6350.30	0.005	18.645
	U	238	0.000056	mg/L	1347.78	0.001	14.192

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-41RE1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 17:07:38
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-41RE1.044
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 42

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	73801.76	73801.763	5.829
	Be	9	0.000100	mg/L	21.67	0.000	23.509
	B	11	0.396839	mg/L	49516.15	0.665	9.742
	Na	23	S	mg/L	S	S	S
	Mg	24	0.072439	mg/L	79366.76	0.203	6.832
	Al	27	0.264080	mg/L	419205.23	1.068	12.483
	Si	28	11.319234	mg/L	11223788.97	28.492	13.961
	K	39	69.054511	mg/L	171238308.13	435.517	8.784
	Ca	44	126.410301	mg/L	11552512.66	29.241	2.223
>	Sc	45		mg/L	389530.20	389530.201	7.200
	Ti	47	-0.001042	mg/L	2010.91	-0.000	117.473
	V	51	0.023791	mg/L	61689.48	0.196	19.912
	Cr	52	0.000992	mg/L	12472.39	0.011	47.953
	Mn	55	0.000549	mg/L	3873.53	0.008	2.226
	Fe	57	0.469700	mg/L	58126.92	0.113	3.587
	Ni	58	0.009749	mg/L	22703.57	0.083	7.029
	Co	59	0.001059	mg/L	3950.90	0.017	2.164
	Ni	60	0.009871	mg/L	8534.44	0.035	3.378
	Ni	62	0.010243	mg/L	1467.80	0.006	6.911
	Cu	63	0.001179	mg/L	3921.89	0.015	11.900
	Cu	65	0.000396	mg/L	1158.42	0.004	13.632
	Zn	66	0.000361	mg/L	2056.92	0.006	5.387
	Zn	68	0.000321	mg/L	1724.85	0.005	3.180
	Ga	69	0.003061	mg/L	13361.99	0.050	5.152
>	Ge	72		mg/L	230930.01	230930.005	4.058
	As	75	0.007809	mg/L	6561.08	0.028	6.118
	Se	77	0.064547	mg/L	6905.07	0.017	33.133
	Se	82	0.004362	mg/L	198.90	0.000	8.980
	Sr	88	0.542703	mg/L	3741354.36	4.378	2.758
>	Y	89		mg/L	853799.08	853799.079	4.026
	Mo	95	0.193105	mg/L	231015.31	0.271	6.769
	Mo	98	0.192267	mg/L	378111.57	0.444	11.015
>	Rh	103		mg/L	767615.74	767615.744	3.443
	Ag	107	-0.000045	mg/L	88.00	-0.000	2718.489
	Ag	109	-0.000113	mg/L	74.67	0.000	189.896
	Cd	111	0.000184	mg/L	279.67	0.000	11.940
	Cd	114	0.000239	mg/L	550.69	0.001	16.480
>	In	115		mg/L	956635.57	956635.567	4.331
	Sn	118	0.000093	mg/L	648.36	0.000	17.273
	Sn	120	0.000096	mg/L	877.30	0.001	22.469
	Sb	121	0.000660	mg/L	2151.28	0.002	6.556
	Sb	123	0.000680	mg/L	1698.36	0.002	3.173
	Ba	135	0.035152	mg/L	29836.58	0.023	1.925

	Ba	137	0.035293	mg/L	51154.90	0.039	5.835
>	Tb	159		mg/L	1311491.53	1311491.534	2.798
>	Ho	165		mg/L	1267328.49	1267328.489	6.999
	Hg	202	0.845368	mg/L	2010.91	0.002	3.731
	Tl	203	-0.000051	mg/L	68.33	-0.000	1.896
	Tl	205	-0.000099	mg/L	96.00	-0.001	0.179
	Pb	208	-0.000018	mg/L	1418.06	0.001	3.173
	Bi	209	-0.000005	mg/L	117.34	-0.000	24.559
	Th	232	0.000431	mg/L	845.71	-0.000	56.783
	U	238	-0.000085	mg/L	53.67	0.000	33.656

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-8RE1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 17:12:43
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-8RE1.045
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 10.00
Autosampler Position: 43

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	73108.88	73108.883	4.325
	Be	9	0.001238	mg/L	24.33	0.000	47.416
	B	11	0.523746	mg/L	6904.36	0.087	10.666
	Na	23	322.393320	mg/L	47658424.06	125.402	1.716
	Mg	24	79.118608	mg/L	8327081.57	21.957	5.918
	Al	27	1.769872	mg/L	275451.63	0.714	11.255
	Si	28	14.813803	mg/L	1605499.99	3.742	13.811
	K	39	14.418920	mg/L	5451570.10	8.551	12.510
	Ca	44	38.894841	mg/L	511586.91	0.900	5.213
>	Sc	45		mg/L	380218.00	380218.000	6.648
	Ti	47	-0.034671	mg/L	1368.12	-0.002	13.850
	V	51	0.032162	mg/L	-6221.53	0.020	17.904
	Cr	52	-0.009158	mg/L	6778.27	-0.003	56.189
	Mn	55	3.592149	mg/L	1497687.59	3.942	2.746
	Fe	57	70.713566	mg/L	660781.13	1.702	0.990
	Ni	58	0.459789	mg/L	93037.09	0.395	7.277
	Co	59	0.008062	mg/L	2967.51	0.012	3.698
	Ni	60	0.000840	mg/L	460.02	0.001	5.217
	Ni	62	0.006205	mg/L	237.01	0.000	40.905
	Cu	63	-0.001601	mg/L	1083.74	0.003	14.010
	Cu	65	-0.003033	mg/L	443.35	0.001	33.296
	Zn	66	-0.014127	mg/L	898.05	0.001	7.596
	Zn	68	-0.013859	mg/L	923.72	0.001	12.270
	Ga	69	0.001598	mg/L	3185.59	0.006	11.528
>	Ge	72		mg/L	227164.67	227164.666	3.232
	As	75	0.012922	mg/L	1089.08	0.004	7.730
	Se	77	-0.801044	mg/L	1210.43	-0.008	11.186
	Se	82	0.012671	mg/L	31.63	0.000	61.008
	Sr	88	0.544754	mg/L	366136.84	0.440	3.883
>	Y	89		mg/L	830969.60	830969.602	3.161
	Mo	95	0.008619	mg/L	1003.73	0.001	12.129
	Mo	98	0.009157	mg/L	1543.47	0.002	7.534
>	Rh	103		mg/L	767147.96	767147.958	3.015
	Ag	107	-0.000541	mg/L	61.00	-0.000	51.499
	Ag	109	-0.001198	mg/L	53.67	-0.000	28.928
	Cd	111	-0.001223	mg/L	36.00	0.000	180.110
	Cd	114	0.000192	mg/L	136.72	0.000	61.558
>	In	115		mg/L	934635.94	934635.940	4.174
	Sn	118	-0.000925	mg/L	206.00	-0.000	22.009
	Sn	120	-0.000865	mg/L	279.34	-0.000	21.820
	Sb	121	0.000093	mg/L	134.67	-0.000	31.048
	Sb	123	0.000327	mg/L	112.06	-0.000	23.238
	Ba	135	0.219038	mg/L	18011.35	0.014	0.913

	Ba	137	0.220946	mg/L	31037.70	0.024	4.572
>	Tb	159		mg/L	1269762.96	1269762.958	2.229
>	Ho	165		mg/L	1257445.96	1257445.955	6.141
	Hg	202	0.275746	mg/L	112.34	0.000	55.808
	Tl	203	-0.000534	mg/L	59.33	-0.000	0.539
	Tl	205	-0.000992	mg/L	93.33	-0.001	1.071
	Pb	208	0.000370	mg/L	1990.11	0.001	3.912
	Bi	209	-0.000081	mg/L	84.67	-0.000	2.748
	Th	232	0.003952	mg/L	471.02	-0.000	17.063
	U	238	-0.000802	mg/L	101.33	0.000	14.344

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-33RE1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 17:17:48
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-33RE1.046
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 10.00
Autosampler Position: 44

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	75435.86	75435.857	6.038
	Be	9	0.000754	mg/L	19.00	0.000	601.753
	B	11	0.176373	mg/L	2726.10	0.028	14.578
	Na	23	23.210142	mg/L	3545315.95	9.084	2.845
	Mg	24	7.002356	mg/L	755196.79	1.945	5.017
	Al	27	0.834001	mg/L	134566.00	0.333	9.371
	Si	28	14.110788	mg/L	1575737.69	3.566	10.484
	K	39	3.190930	mg/L	2829478.65	1.461	26.118
	Ca	44	6.929479	mg/L	235994.39	0.161	16.656
>	Sc	45		mg/L	388821.71	388821.707	6.447
	Ti	47	-0.035815	mg/L	1368.45	-0.002	22.529
	V	51	0.038047	mg/L	-4318.82	0.025	6.089
	Cr	52	-0.011423	mg/L	6268.56	-0.005	34.861
	Mn	55	1.176998	mg/L	502814.78	1.293	3.888
	Fe	57	46.318735	mg/L	447303.29	1.115	1.817
	Ni	58	0.315994	mg/L	65534.58	0.272	7.566
	Co	59	0.000322	mg/L	167.67	0.000	49.955
	Ni	60	0.013374	mg/L	1488.47	0.005	1.225
	Ni	62	0.015896	mg/L	361.34	0.001	10.557
	Cu	63	-0.004435	mg/L	500.69	0.000	32.307
	Cu	65	-0.003913	mg/L	358.68	0.000	60.396
	Zn	66	-0.014502	mg/L	880.38	0.001	32.063
	Zn	68	-0.018102	mg/L	736.70	0.000	49.320
	Ga	69	-0.003246	mg/L	1536.81	-0.001	40.558
>	Ge	72		mg/L	229212.31	229212.308	4.075
	As	75	0.006901	mg/L	597.07	0.002	3.014
	Se	77	-0.891426	mg/L	868.38	-0.010	3.788
	Se	82	0.007023	mg/L	1.16	0.000	2142.954
	Sr	88	0.083839	mg/L	57718.96	0.068	3.842
>	Y	89		mg/L	842592.83	842592.829	4.479
	Mo	95	0.003213	mg/L	377.34	0.000	5.965
	Mo	98	0.004185	mg/L	597.56	0.001	10.832
>	Rh	103		mg/L	788790.07	788790.066	1.569
	Ag	107	-0.000548	mg/L	60.67	-0.000	23.594
	Ag	109	-0.001225	mg/L	46.67	-0.000	13.161
	Cd	111	-0.001282	mg/L	32.33	-0.000	9070.823
	Cd	114	0.000094	mg/L	121.89	0.000	571.670
>	In	115		mg/L	968699.95	968699.947	3.824
	Sn	118	-0.001085	mg/L	175.34	-0.000	13.000
	Sn	120	-0.001035	mg/L	233.30	-0.000	18.392
	Sb	121	0.000075	mg/L	133.67	-0.000	37.449
	Sb	123	0.000298	mg/L	109.02	-0.000	4.504
	Ba	135	0.055111	mg/L	4696.26	0.004	3.923

	Ba	137	0.055666	mg/L	8128.88	0.006	2.006
>	Tb	159		mg/L	1307436.86	1307436.864	2.479
>	Ho	165		mg/L	1278207.90	1278207.898	4.933
	Hg	202	0.738312	mg/L	221.67	0.000	8.394
	Tl	203	-0.000556	mg/L	53.33	-0.000	0.528
	Tl	205	-0.000990	mg/L	96.67	-0.001	0.992
	Pb	208	-0.000466	mg/L	1125.37	0.001	7.756
	Bi	209	-0.000084	mg/L	83.33	-0.000	5.253
	Th	232	0.003840	mg/L	364.34	-0.001	9.419
	U	238	-0.000808	mg/L	97.67	0.000	9.005

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-35RE1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 17:22:54
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-35RE1.047
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 10.00
Autosampler Position: 45

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	74939.01	74939.012	4.016
	Be	9	0.000904	mg/L	20.67	0.000	245.284
	B	11	0.199809	mg/L	3008.53	0.032	11.195
	Na	23	8.978419	mg/L	1398495.93	3.551	1.458
	Mg	24	4.205352	mg/L	455358.55	1.169	5.332
	Al	27	0.935238	mg/L	150984.62	0.374	9.687
	Si	28	20.027960	mg/L	2158315.02	5.054	11.481
	K	39	3.909255	mg/L	3014968.27	1.915	18.899
	Ca	44	6.339927	mg/L	231514.80	0.147	9.645
>	Sc	45		mg/L	389769.57	389769.572	5.081
	Ti	47	-0.040709	mg/L	1249.77	-0.002	14.229
	V	51	0.042324	mg/L	-2944.80	0.029	6.471
	Cr	52	-0.011916	mg/L	6147.48	-0.005	28.869
	Mn	55	2.464975	mg/L	1055023.93	2.705	0.925
	Fe	57	51.852589	mg/L	500915.96	1.248	2.808
	Ni	58	0.332903	mg/L	70452.45	0.286	1.944
	Co	59	0.000261	mg/L	148.00	0.000	152.279
	Ni	60	-0.003130	mg/L	142.67	-0.001	4.778
	Ni	62	-0.003174	mg/L	122.34	-0.000	9.556
	Cu	63	-0.004754	mg/L	443.68	0.000	359.903
	Cu	65	-0.004434	mg/L	314.01	0.000	39.047
	Zn	66	-0.016367	mg/L	779.04	0.001	18.756
	Zn	68	-0.019778	mg/L	675.03	0.000	237.257
	Ga	69	-0.003107	mg/L	1620.16	-0.001	19.156
>	Ge	72		mg/L	234046.32	234046.317	0.991
	As	75	0.003723	mg/L	338.74	0.001	112.959
	Se	77	-0.898844	mg/L	859.72	-0.010	2.850
	Se	82	0.003635	mg/L	-15.84	-0.000	98.997
	Sr	88	0.210296	mg/L	143695.78	0.170	4.743
>	Y	89		mg/L	842746.67	842746.675	1.810
	Mo	95	0.001881	mg/L	219.67	0.000	24.698
	Mo	98	0.003019	mg/L	370.14	0.000	20.338
>	Rh	103		mg/L	797302.35	797302.347	4.501
	Ag	107	-0.000531	mg/L	66.67	-0.000	33.362
	Ag	109	-0.001216	mg/L	50.00	-0.000	24.709
	Cd	111	-0.001182	mg/L	40.67	0.000	86.880
	Cd	114	0.000009	mg/L	106.91	-0.000	463.833
>	In	115		mg/L	963085.19	963085.187	1.784
	Sn	118	0.003683	mg/L	1312.24	0.001	182.482
	Sn	120	-0.000878	mg/L	283.98	-0.000	29.685
	Sb	121	0.000050	mg/L	125.67	-0.000	27.563
	Sb	123	0.000261	mg/L	99.39	-0.000	9.404
	Ba	135	0.075362	mg/L	6446.35	0.005	3.987

	Ba	137	0.075938	mg/L	11103.52	0.008	10.463
>	Tb	159		mg/L	1316918.70	1316918.703	4.285
>	Ho	165		mg/L	1303144.78	1303144.785	7.349
	Hg	202	0.731124	mg/L	223.34	0.000	17.999
	Tl	203	-0.000531	mg/L	62.33	-0.000	1.838
	Tl	205	-0.001004	mg/L	87.33	-0.001	1.455
	Pb	208	-0.000522	mg/L	1086.04	0.001	5.844
	Bi	209	-0.000086	mg/L	83.33	-0.000	6.742
	Th	232	0.003798	mg/L	326.01	-0.001	7.319
	U	238	-0.000839	mg/L	67.67	0.000	15.555

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-38RE1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 17:27:59
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-38RE1.048
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.05
Diluted To Volume (mL): 10.00
Autosampler Position: 46

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	74610.12	74610.124	2.554
	Be	9	0.023498	mg/L	24.00	0.000	59.796
	B	11	4.509557	mg/L	3322.64	0.036	6.102
	Na	23	33.273621	mg/L	284492.47	0.707	0.707
	Mg	24	71.233112	mg/L	378829.23	0.990	4.710
	Al	27	26.397145	mg/L	208206.90	0.531	5.922
	Si	28	16.096106	mg/L	275385.38	0.218	8.377
	K	39	67.564868	mg/L	2830752.63	1.579	7.714
	Ca	44	-46.535245	mg/L	150455.59	-0.053	21.657
>	Sc	45		mg/L	381976.69	381976.694	1.063
	Ti	47	-0.882270	mg/L	1144.42	-0.002	2.777
	V	51	0.953519	mg/L	-1123.90	0.034	8.812
	Cr	52	-0.271006	mg/L	5573.76	-0.007	4.183
	Mn	55	70.544721	mg/L	1478896.61	3.870	6.563
	Fe	57	689.737187	mg/L	330834.49	0.830	0.824
	Ni	58	4.528269	mg/L	48070.16	0.194	11.953
	Co	59	0.004105	mg/L	125.67	-0.000	17.115
	Ni	60	-0.069049	mg/L	113.67	-0.001	6.864
	Ni	62	-0.046667	mg/L	130.67	-0.000	70.528
	Cu	63	-0.089554	mg/L	495.35	0.000	10.985
	Cu	65	-0.083314	mg/L	336.34	0.000	34.358
	Zn	66	-0.423010	mg/L	457.02	-0.001	35.035
	Zn	68	-0.515709	mg/L	387.35	-0.001	20.748
	Ga	69	-0.102582	mg/L	889.72	-0.004	9.240
>	Ge	72		mg/L	230620.83	230620.829	5.943
	As	75	0.106099	mg/L	464.55	0.001	23.705
	Se	77	-20.192675	mg/L	410.68	-0.012	0.651
	Se	82	0.104860	mg/L	-7.12	-0.000	12.422
	Sr	88	0.597306	mg/L	20814.38	0.025	6.797
>	Y	89		mg/L	836839.95	836839.954	4.141
	Mo	95	0.027474	mg/L	158.00	0.000	25.655
	Mo	98	0.049134	mg/L	257.62	0.000	16.122
>	Rh	103		mg/L	803396.35	803396.354	6.417
	Ag	107	-0.010951	mg/L	61.67	-0.000	36.107
	Ag	109	-0.024781	mg/L	43.00	-0.000	37.725
	Cd	111	-0.023126	mg/L	43.00	0.000	90.992
	Cd	114	0.002031	mg/L	125.36	0.000	267.326
>	In	115		mg/L	951550.00	951550.001	5.224
	Sn	118	-0.023966	mg/L	146.00	-0.000	7.286
	Sn	120	-0.021339	mg/L	218.89	-0.000	17.843
	Sb	121	0.000661	mg/L	118.67	-0.000	17.183
	Sb	123	0.004929	mg/L	93.93	-0.000	23.492
	Ba	135	0.139065	mg/L	614.69	0.000	7.766

	Ba	137	0.130477	mg/L	1014.72	0.001	12.952
>	Tb	159		mg/L	1282603.51	1282603.515	6.839
>	Ho	165		mg/L	1260717.71	1260717.714	2.504
	Hg	202	0.313548	mg/L	52.33	-0.000	17.791
	Tl	203	-0.010366	mg/L	64.67	-0.000	3.382
	Tl	205	-0.019447	mg/L	108.67	-0.001	1.532
	Pb	208	-0.007445	mg/L	1210.71	0.001	3.446
	Bi	209	-0.001946	mg/L	70.33	-0.000	6.162
	Th	232	0.075060	mg/L	271.01	-0.001	6.353
	U	238	-0.016659	mg/L	71.33	0.000	38.647

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-40RE1
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 17:33:05
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\11C1255-40RE1.049
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 47

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	72663.09	72663.091	6.445
	Be	9	0.001966	mg/L	21.33	0.000	209.152
	B	11	0.581851	mg/L	4022.60	0.047	9.913
	Na	23	548.893415	mg/L	41501034.51	106.761	1.988
	Mg	24	86.597358	mg/L	4668723.34	12.017	3.138
	Al	27	2.670027	mg/L	213642.05	0.537	7.338
	Si	28	20.058536	mg/L	1176559.89	2.539	14.650
	K	39	11.389424	mg/L	3440702.90	3.042	20.143
	Ca	44	45.635993	mg/L	378514.91	0.529	8.734
>	Sc	45		mg/L	388713.01	388713.014	6.008
	Ti	47	-0.091348	mg/L	1124.75	-0.002	2.418
	V	51	0.094915	mg/L	-1234.53	0.033	4.836
	Cr	52	-0.027092	mg/L	5650.48	-0.007	22.674
	Mn	55	8.541554	mg/L	1818059.76	4.686	5.731
	Fe	57	185.521328	mg/L	881676.62	2.233	1.241
	Ni	58	1.254255	mg/L	123204.54	0.539	10.797
	Co	59	0.008532	mg/L	1563.15	0.006	5.724
	Ni	60	-0.003167	mg/L	259.01	-0.000	17.897
	Ni	62	0.003936	mg/L	180.67	0.000	90.303
	Cu	63	-0.004827	mg/L	898.72	0.002	11.745
	Cu	65	-0.008251	mg/L	329.01	0.000	37.004
	Zn	66	-0.039583	mg/L	528.02	-0.000	48.599
	Zn	68	-0.038300	mg/L	670.70	0.000	58.271
	Ga	69	0.002544	mg/L	3017.87	0.006	9.711
>	Ge	72		mg/L	223056.69	223056.691	4.669
	As	75	0.016132	mg/L	674.15	0.002	7.862
	Se	77	-1.957559	mg/L	514.02	-0.011	1.301
	Se	82	0.020638	mg/L	19.35	0.000	79.944
	Sr	88	0.561836	mg/L	187165.41	0.227	1.362
>	Y	89		mg/L	823048.14	823048.138	6.093
	Mo	95	0.002526	mg/L	143.34	0.000	16.041
	Mo	98	0.004405	mg/L	207.01	0.000	27.143
>	Rh	103		mg/L	772156.75	772156.746	2.138
	Ag	107	-0.001073	mg/L	63.00	-0.000	31.345
	Ag	109	-0.002459	mg/L	44.33	-0.000	23.196
	Cd	111	-0.002437	mg/L	36.67	0.000	26.769
	Cd	114	0.000505	mg/L	149.28	0.000	8.783
>	In	115		mg/L	951387.02	951387.025	6.418
	Sn	118	-0.002059	mg/L	185.67	-0.000	9.389
	Sn	120	-0.001925	mg/L	251.62	-0.000	40.236
	Sb	121	0.000038	mg/L	114.00	-0.000	22.693
	Sb	123	0.000433	mg/L	86.56	-0.000	21.581
	Ba	135	0.521402	mg/L	21415.09	0.017	5.192

	Ba	137	0.518867	mg/L	36446.44	0.029	3.291
>	Tb	159		mg/L	1269845.40	1269845.396	1.841
>	Ho	165		mg/L	1270536.28	1270536.278	4.590
	Hg	202	4.850224	mg/L	613.03	0.000	3.125
	Tl	203	-0.001084	mg/L	57.33	-0.000	1.163
	Tl	205	-0.001972	mg/L	99.00	-0.001	1.062
	Pb	208	-0.000547	mg/L	1324.38	0.001	6.872
	Bi	209	-0.000183	mg/L	76.00	-0.000	12.160
	Th	232	0.007598	mg/L	319.68	-0.001	7.160
	U	238	-0.001638	mg/L	85.33	0.000	18.056

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 17:38:11
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\RINSE.050
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	74833.18	74833.181	4.238
	Be	9	0.000117	mg/L	24.00	0.000	60.395
	B	11	0.000658	mg/L	581.02	-0.000	169.844
	Na	23	-0.011726	mg/L	20375.77	0.015	11.264
	Mg	24	-0.000777	mg/L	481.68	-0.000	1348.226
	Al	27	-0.000780	mg/L	1990.24	-0.009	7.062
	Si	28	-0.020135	mg/L	181035.45	-0.035	146.884
	K	39	0.330381	mg/L	2856280.77	1.532	22.313
	Ca	44	-0.817383	mg/L	100327.75	-0.188	7.363
>	Sc	45		mg/L	388554.43	388554.430	5.955
	Ti	47	-0.004812	mg/L	1061.74	-0.003	8.077
	V	51	0.004863	mg/L	-834.39	0.034	0.954
	Cr	52	-0.001476	mg/L	5298.60	-0.008	17.565
	Mn	55	-0.000188	mg/L	729.37	-0.000	14.076
	Fe	57	0.007201	mg/L	14636.59	0.002	105.604
	Ni	58	0.000001	mg/L	3292.30	-0.000	15.780
	Co	59	0.000022	mg/L	129.00	-0.000	229.090
	Ni	60	-0.000349	mg/L	108.67	-0.001	4.446
	Ni	62	-0.000284	mg/L	122.34	-0.000	57.019
	Cu	63	-0.000555	mg/L	263.34	-0.001	2.648
	Cu	65	-0.000535	mg/L	212.34	-0.000	6.723
	Zn	66	-0.002242	mg/L	370.68	-0.001	15.468
	Zn	68	-0.002744	mg/L	307.34	-0.001	5.543
	Ga	69	-0.000595	mg/L	594.36	-0.005	1.439
>	Ge	72		mg/L	226207.98	226207.984	1.320
	As	75	0.000553	mg/L	476.36	0.001	11.715
	Se	77	-0.103119	mg/L	320.01	-0.012	0.244
	Se	82	0.000240	mg/L	-22.01	-0.000	121.592
	Sr	88	-0.000056	mg/L	302.34	0.000	60.500
>	Y	89		mg/L	843353.16	843353.162	4.593
	Mo	95	0.000102	mg/L	118.00	0.000	28.491
	Mo	98	0.000201	mg/L	173.46	0.000	15.643
>	Rh	103		mg/L	780617.84	780617.835	5.800
	Ag	107	-0.000054	mg/L	63.33	-0.000	6.830
	Ag	109	-0.000122	mg/L	46.67	-0.000	18.427
	Cd	111	-0.000122	mg/L	36.67	0.000	46.122
	Cd	114	0.000017	mg/L	133.71	0.000	160.948
>	In	115		mg/L	940031.42	940031.416	3.205
	Sn	118	-0.000109	mg/L	169.67	-0.000	11.783
	Sn	120	-0.000099	mg/L	240.57	-0.000	20.631
	Sb	121	0.000005	mg/L	121.67	-0.000	26.231
	Sb	123	0.000024	mg/L	92.05	-0.000	7.263
	Ba	135	0.000024	mg/L	61.33	0.000	173.645

	Ba	137	-0.000019	mg/L	70.43	-0.000	40.352
>	Tb	159		mg/L	1302267.34	1302267.337	1.847
>	Ho	165		mg/L	1292681.94	1292681.936	6.689
	Hg	202	0.007382	mg/L	66.67	-0.000	254.047
	Tl	203	-0.000050	mg/L	72.67	-0.000	2.475
	Tl	205	-0.000098	mg/L	105.00	-0.001	0.909
	Pb	208	-0.000125	mg/L	287.34	-0.000	24.835
	Bi	209	-0.000011	mg/L	58.67	-0.000	16.866
	Th	232	0.000361	mg/L	130.34	-0.001	2.024
	U	238	-0.000085	mg/L	52.00	0.000	41.028

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV4
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 17:43:16
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-CCV4.051
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	78212.03	78212.032	3.374
	Be	9	0.039005	mg/L	5123.83	0.065	1.903
	B	11	0.032704	mg/L	4817.99	0.054	1.607
	Na	23	0.400738	mg/L	607217.29	1.618	0.836
	Mg	24	0.398648	mg/L	407125.26	1.108	3.598
	Al	27	0.195715	mg/L	294669.92	0.790	2.120
	Si	28	0.024862	mg/L	212665.01	0.078	52.359
	K	39	0.773832	mg/L	3721172.50	4.333	14.346
	Ca	44	-0.165351	mg/L	149950.30	-0.038	55.064
>	Sc	45		mg/L	366602.98	366602.982	3.960
	Ti	47	0.037228	mg/L	10949.05	0.024	2.735
	V	51	0.045602	mg/L	126893.65	0.382	3.009
	Cr	52	0.042897	mg/L	127275.70	0.327	8.548
	Mn	55	0.043224	mg/L	174975.28	0.476	5.644
	Fe	57	0.211087	mg/L	31813.25	0.051	4.109
	Ni	58	0.040079	mg/L	82768.27	0.344	17.333
	Co	59	0.038959	mg/L	143576.58	0.621	9.804
	Ni	60	0.040071	mg/L	33532.81	0.143	3.597
	Ni	62	0.040637	mg/L	5372.65	0.022	2.556
	Cu	63	0.038640	mg/L	83364.18	0.358	4.729
	Cu	65	0.038480	mg/L	39771.95	0.171	10.819
	Zn	66	0.036786	mg/L	25513.12	0.108	15.638
	Zn	68	0.037170	mg/L	18682.06	0.078	12.302
	Ga	69	0.040586	mg/L	144522.58	0.616	5.887
>	Ge	72		mg/L	232277.20	232277.199	7.691
	As	75	0.039587	mg/L	33320.43	0.143	3.271
	Se	77	0.013302	mg/L	4912.38	0.008	30.909
	Se	82	0.040897	mg/L	2177.52	0.003	13.308
	Sr	88	0.041607	mg/L	290460.33	0.336	5.567
>	Y	89		mg/L	865798.98	865798.984	7.957
	Mo	95	0.039748	mg/L	48216.86	0.056	3.415
	Mo	98	0.039092	mg/L	77583.88	0.090	10.256
>	Rh	103		mg/L	775588.38	775588.377	2.513
	Ag	107	0.022146	mg/L	70195.12	0.090	4.922
	Ag	109	0.022096	mg/L	68061.87	0.088	8.807
	Cd	111	0.040238	mg/L	32422.77	0.042	6.665
	Cd	114	0.039114	mg/L	74634.27	0.096	2.090
>	In	115		mg/L	925004.54	925004.536	6.912
	Sn	118	0.041122	mg/L	94118.34	0.102	2.131
	Sn	120	0.042272	mg/L	133144.66	0.144	7.643
	Sb	121	0.042598	mg/L	126959.68	0.138	13.871
	Sb	123	0.041878	mg/L	98650.45	0.107	12.771
	Ba	135	0.039045	mg/L	33171.50	0.025	10.187

	Ba	137	0.039751	mg/L	57731.93	0.044	9.363
>	Tb	159		mg/L	1317961.93	1317961.927	5.230
>	Ho	165		mg/L	1279409.40	1279409.400	1.096
	Hg	202	0.003494	mg/L	57.67	-0.000	47.096
	Tl	203	0.040350	mg/L	131893.96	0.103	3.977
	Tl	205	0.042086	mg/L	321607.27	0.250	2.116
	Pb	208	0.040883	mg/L	441254.05	0.345	4.407
	Bi	209	0.040660	mg/L	370711.34	0.290	4.435
	Th	232	0.040122	mg/L	414448.26	0.323	3.434
	U	238	0.041142	mg/L	409921.80	0.320	1.826

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB4
Sample Description:
Batch ID:
Sample Date/Time: Monday, March 28, 2011 17:48:20
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-CCB4.052
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	75363.84	75363.839	3.991
	Be	9	0.000102	mg/L	22.33	0.000	66.760
	B	11	0.000187	mg/L	526.02	-0.001	34.891
	Na	23	-0.004910	mg/L	29689.45	0.041	7.380
	Mg	24	-0.000723	mg/L	523.02	0.000	45.645
	Al	27	0.001281	mg/L	5075.47	-0.001	120.291
	Si	28	-0.023899	mg/L	172320.30	-0.044	57.479
	K	39	0.263284	mg/L	2610305.72	1.109	16.268
	Ca	44	-0.526301	mg/L	122619.36	-0.121	3.412
>	Sc	45		mg/L	376146.80	376146.804	2.230
	Ti	47	-0.003028	mg/L	1462.80	-0.001	5.300
	V	51	0.002204	mg/L	-9274.32	0.012	114.727
	Cr	52	-0.000181	mg/L	8807.36	0.002	67.709
	Mn	55	-0.000129	mg/L	949.06	0.001	15.188
	Fe	57	-0.001182	mg/L	13434.05	-0.000	149.103
	Ni	58	0.000116	mg/L	3439.35	0.001	341.646
	Co	59	0.000021	mg/L	125.00	-0.000	338.756
	Ni	60	-0.000324	mg/L	127.34	-0.001	3.607
	Ni	62	-0.000309	mg/L	117.00	-0.000	28.390
	Cu	63	-0.000521	mg/L	330.68	-0.000	16.640
	Cu	65	-0.000491	mg/L	251.34	-0.000	98.217
	Zn	66	-0.002190	mg/L	394.68	-0.001	26.070
	Zn	68	-0.002363	mg/L	470.02	-0.001	25.899
	Ga	69	-0.000303	mg/L	1560.82	-0.001	141.827
>	Ge	72		mg/L	222705.66	222705.656	7.134
	As	75	-0.000276	mg/L	-185.86	-0.002	91.956
	Se	77	-0.008085	mg/L	3908.55	0.004	34.964
	Se	82	0.000500	mg/L	-8.86	-0.000	523.994
	Sr	88	-0.000056	mg/L	299.34	0.000	43.527
>	Y	89		mg/L	822800.86	822800.865	8.371
	Mo	95	0.000379	mg/L	437.02	0.000	12.716
	Mo	98	0.000492	mg/L	722.68	0.001	6.896
>	Rh	103		mg/L	812697.95	812697.947	4.890
	Ag	107	-0.000025	mg/L	160.67	0.000	33.706
	Ag	109	-0.000094	mg/L	141.34	0.000	22.799
	Cd	111	-0.000118	mg/L	41.67	0.000	36.539
	Cd	114	0.000016	mg/L	139.09	0.000	85.569
>	In	115		mg/L	963842.60	963842.599	6.772
	Sn	118	-0.000018	mg/L	388.35	0.000	28.259
	Sn	120	-0.000015	mg/L	518.67	0.000	61.146
	Sb	121	0.002467	mg/L	7771.78	0.008	18.584
	Sb	123	0.002411	mg/L	5961.94	0.006	17.175
	Ba	135	0.000034	mg/L	68.33	0.000	138.942

	Ba	137	-0.000003	mg/L	92.12	0.000	63.314
>	Tb	159		mg/L	1284201.95	1284201.949	5.790
>	Ho	165		mg/L	1267093.43	1267093.428	1.084
	Hg	202	0.011397	mg/L	75.33	0.000	244.816
	Tl	203	-0.000035	mg/L	119.34	-0.000	1.259
	Tl	205	-0.000079	mg/L	247.34	-0.001	2.766
	Pb	208	-0.000114	mg/L	398.67	0.000	277.435
	Bi	209	0.000051	mg/L	619.70	0.000	36.192
	Th	232	0.000925	mg/L	5953.41	0.004	26.424
	U	238	-0.000080	mg/L	101.33	0.000	14.110

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV4
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, March 29, 2011 08:11:20
Sample File: C:\Elandata\Sample\110328A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110328A_PBK\SEQ-CCV4.053
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	80406.10	80406.096	3.452
	Be	9	0.040151	mg/L	5416.00	0.067	4.911
	B	11	0.035315	mg/L	5297.60	0.058	9.016
	Na	23	0.417749	mg/L	613130.34	1.685	2.725
	Mg	24	0.427469	mg/L	423272.86	1.188	3.632
	Al	27	0.211128	mg/L	308240.17	0.853	7.063
	Si	28	0.057603	mg/L	236008.60	0.161	22.094
	K	39	0.953250	mg/L	4019783.45	5.466	11.231
	Ca	44	0.189263	mg/L	174980.94	0.045	24.680
>	Sc	45		mg/L	356051.81	356051.812	2.783
	Ti	47	0.038932	mg/L	11010.11	0.026	5.667
	V	51	0.047057	mg/L	127252.77	0.395	12.484
	Cr	52	0.043987	mg/L	126602.47	0.335	8.775
	Mn	55	0.042964	mg/L	169227.65	0.473	3.090
	Fe	57	0.205031	mg/L	30386.03	0.049	3.861
	Ni	58	0.042556	mg/L	83821.55	0.366	1.866
	Co	59	0.041676	mg/L	146295.91	0.664	4.785
	Ni	60	0.041245	mg/L	32758.63	0.147	4.462
	Ni	62	0.040551	mg/L	5078.80	0.022	1.397
	Cu	63	0.039232	mg/L	80381.11	0.363	2.456
	Cu	65	0.039788	mg/L	39172.04	0.177	3.869
	Zn	66	0.039083	mg/L	25785.11	0.114	2.330
	Zn	68	0.039572	mg/L	18864.42	0.083	4.339
	Ga	69	0.042910	mg/L	145099.94	0.651	4.291
>	Ge	72		mg/L	220188.00	220187.998	1.016
	As	75	0.040593	mg/L	32446.34	0.147	3.517
	Se	77	0.027180	mg/L	5203.54	0.010	2.923
	Se	82	0.040732	mg/L	2096.72	0.003	4.320
	Sr	88	0.044048	mg/L	296191.70	0.356	3.599
>	Y	89		mg/L	831787.33	831787.330	3.069
	Mo	95	0.041428	mg/L	48333.40	0.058	4.994
	Mo	98	0.040244	mg/L	77129.85	0.093	3.369
>	Rh	103		mg/L	774657.17	774657.172	3.683
	Ag	107	0.022531	mg/L	71384.83	0.092	0.346
	Ag	109	0.022213	mg/L	68406.84	0.088	2.361
	Cd	111	0.039895	mg/L	32095.98	0.041	7.765
	Cd	114	0.039778	mg/L	75709.24	0.098	6.228
>	In	115		mg/L	930657.26	930657.257	1.066
	Sn	118	0.043063	mg/L	99257.61	0.106	3.701
	Sn	120	0.043546	mg/L	138488.18	0.148	4.089
	Sb	121	0.042791	mg/L	129097.58	0.138	2.996
	Sb	123	0.041409	mg/L	98678.71	0.106	4.873
	Ba	135	0.041614	mg/L	33867.65	0.027	1.049

	Ba	137	0.043828	mg/L	60916.51	0.048	4.859
>	Tb	159		mg/L	1258431.10	1258431.099	2.540
>	Ho	165		mg/L	1223200.91	1223200.910	5.168
	Hg	202	0.008744	mg/L	66.67	-0.000	346.818
	Tl	203	0.043040	mg/L	134143.71	0.109	7.002
	Tl	205	0.044191	mg/L	321753.63	0.263	9.965
	Pb	208	0.042601	mg/L	439170.23	0.359	3.339
	Bi	209	0.043137	mg/L	375619.15	0.307	2.551
	Th	232	0.043771	mg/L	431516.16	0.353	6.755
	U	238	0.044639	mg/L	423683.48	0.348	10.532

Dataset Report

User Name: Elan 9000
Computer Name: D4463YH1
Dataset File Path: C:\Elandata\Dataset\110328A_PBK\
Report Date/Time: Tuesday, March 29, 2011 08:15:05

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	Blank	11:37:05 Mon 28-Mar-11	Blank	C:\Elandata\Dataset\110328A_PBK\Blank.001	
	Standard 1	11:42:10 Mon 28-Mar-11	Standard #1	C:\Elandata\Dataset\110328A_PBK\Standard 1.002	
	Standard 2	11:47:17 Mon 28-Mar-11	Standard #2	C:\Elandata\Dataset\110328A_PBK\Standard 2.003	
	Standard 3	11:52:23 Mon 28-Mar-11	Standard #3	C:\Elandata\Dataset\110328A_PBK\Standard 3.004	
	Standard 4	11:57:30 Mon 28-Mar-11	Standard #4	C:\Elandata\Dataset\110328A_PBK\Standard 4.005	
	Standard 5	12:02:38 Mon 28-Mar-11	Standard #5	C:\Elandata\Dataset\110328A_PBK\Standard 5.006	
	SEQ-ICV1	12:07:44 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-ICV1.007	
	SEQ-ICB1	12:12:48 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-ICB1.008	
	SEQ-LCV1	12:17:53 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-LCV1.009	
	SEQ-LCV2	12:22:59 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-LCV2.010	
	SEQ-SCV1	12:28:05 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-SCV1.011	
	SEQ-HCV1	12:33:10 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-HCV1.012	
	SEQ-IFA1	12:38:15 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-IFA1.013	
	SEQ-IFB1	12:43:22 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-IFB1.014	
	SEQ-ICV2	12:48:28 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-ICV2.015	
	RINSE	12:53:33 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\RINSE.016	
	SEQ-CCV1	12:58:37 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-CCV1.017	
	SEQ-CCB1	13:03:41 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-CCB1.018	
	1113234-BLK1	13:08:46 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\1113234-BLK1.019	
	1113234-BS1	13:13:51 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\1113234-BS1.020	
	11C1255-07	13:18:58 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-07.021	
	11C1255-08	13:24:05 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-08.022	
	11C1255-09	13:29:12 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-09.023	
	11C1255-33	13:34:17 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-33.024	
	11C1255-34	13:39:22 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-34.025	
	1113234-DUP1	13:44:27 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\1113234-DUP1.026	
	1113234-MS1	13:49:31 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\1113234-MS1.027	
	1113234-MSD1	13:54:36 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\1113234-MSD1.028	
	RINSE	13:59:41 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\RINSE.029	
	SEQ-CCV2	14:04:46 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-CCV2.030	
	SEQ-CCB2	14:09:51 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-CCB2.031	
	1113234-PS1	14:14:55 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\1113234-PS1.032	
	11C1255-35	14:20:00 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-35.033	
	11C1255-36	14:25:06 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-36.034	
	11C1255-37	14:30:11 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-37.035	
	11C1255-38	14:35:17 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-38.036	
	11C1255-39	14:40:24 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-39.037	
	11C1255-40	14:45:30 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-40.038	
	11C1255-41	14:50:37 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-41.039	
	RINSE	14:55:43 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\RINSE.040	
	SEQ-CCV3	15:00:47 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-CCV3.041	
	SEQ-CCB3	15:05:52 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-CCB3.042	
	11C1255-07RE1	17:02:33 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-07RE1.04	
	11C1255-41RE1	17:07:38 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-41RE1.04	

11C1255-8RE1	17:12:43 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-8RE1.045
11C1255-33RE1	17:17:48 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-33RE1.04
11C1255-35RE1	17:22:54 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-35RE1.04
11C1255-38RE1	17:27:59 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-38RE1.04
11C1255-40RE1	17:33:05 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\11C1255-40RE1.04
RINSE	17:38:11 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\RINSE.050
SEQ-CCV4	17:43:16 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-CCV4.051
SEQ-CCB4	17:48:20 Mon 28-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-CCB4.052
SEQ-CCV4	08:11:20 Tue 29-Mar-11	Sample	C:\Elandata\Dataset\110328A_PBK\SEQ-CCV4.053

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001676	-0.000	0.999997
B	11.009	Simple Linear	0.001680	-0.001	0.999980
Na	22.990	Simple Linear	0.003888	0.060	0.999997
Mg	23.985	Simple Linear	0.002775	0.002	0.999922
Al	26.982	Simple Linear	0.004067	-0.006	0.999977
Si	27.977	Simple Linear	0.002516	0.016	0.995151
K	38.964	Simple Linear	0.006315	-0.554	0.999953
Ca	43.956	Simple Linear	0.000231	0.001	0.999948
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000645	0.000	0.999993
V	50.944	Simple Linear	0.008542	-0.007	0.999662
Cr	51.941	Simple Linear	0.007532	0.004	0.999996
Mn	54.938	Simple Linear	0.010967	0.002	0.999993
Fe	56.935	Simple Linear	0.000241	-0.000	0.997034
Ni	57.935	Simple Linear	0.008604	-0.000	0.999994
Co	58.933	Simple Linear	0.015940	-0.000	0.999999
Ni	59.933	Simple Linear	0.003566	0.000	0.999991
Ni	61.928	Simple Linear	0.000552	0.000	0.999996
Cu	62.930	Simple Linear	0.009146	0.004	0.999943
Cu	64.928	Simple Linear	0.004388	0.002	0.999946
Zn	65.926	Simple Linear	0.002795	0.005	0.998776
Zn	67.925	Simple Linear	0.001993	0.004	0.998921
Ga	68.926	Simple Linear	0.015090	0.004	0.999997
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.003627	-0.001	0.999987
Se	76.920	Simple Linear	0.000171	0.006	0.935459
Se	81.917	Simple Linear	0.000063	-0.000	0.999974
Sr	87.906	Simple Linear	0.008067	0.001	1.000000
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001404	-0.000	1.000000
Mo	97.906	Simple Linear	0.002311	-0.000	0.999993
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.004076	0.000	0.999999
Ag	108.905	Simple Linear	0.003953	0.000	0.999995
Cd	110.904	Simple Linear	0.001036	0.000	0.999995
Cd	113.904	Simple Linear	0.002457	-0.000	1.000000
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002466	0.000	0.999997
Sn	119.902	Simple Linear	0.003403	0.000	0.999993
Sb	120.904	Simple Linear	0.003239	-0.000	0.999890
Sb	122.904	Simple Linear	0.002560	-0.000	0.999900
Ba	134.906	Simple Linear	0.000646	-0.000	0.999998
Ba	136.905	Simple Linear	0.001104	0.000	0.999999
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000002	-0.000	0.910235
Tl	202.972	Simple Linear	0.002550	-0.000	0.999999
Tl	204.975	Simple Linear	0.005958	-0.000	0.999996
Pb	207.977	Simple Linear	0.008407	0.001	0.999994
Bi	208.980	Simple Linear	0.007121	0.000	0.999999
Th	232.038	Simple Linear	0.008143	-0.004	0.999987
U	238.050	Simple Linear	0.007771	0.001	0.999998

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C3001 **Matrix:** Water **Department:** SVOC GCMS **Instrument:** MSD5

Injection Log

Data Directory: C:\MSD5\2011\MAR\MAR2911\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) S5032901.D				
SEQ-TUN	PCP,DFTPP,BENZ,DDT	100	1.000	29 Mar 2011 8:21 am
2) S5032902.D				
SEQ-CCV	MC12320 >1mL=40ppm	1	1.000	29 Mar 2011 8:55 am
3) S5032903.D				
SEQ-ICB	MB10749,1ml	2	1.000	29 Mar 2011 9:29 am
4) S5032904.D				
1114049-BS1	1,50 PPM LCS,200ml+1	3	1.000	29 Mar 2011 11:02 am
5) S5032905.D				
1114049-BSD1	1,50 PPM LCS,200ml+1	4	1.000	29 Mar 2011 11:36 am
6) S5032906.D				
1114049-BLK1	1,METHOD BLANK,200ml	5	1.000	29 Mar 2011 12:11 pm
7) S5032907.D				
1114028-BS1	1,50 PPM LCS,1000ml+	6	1.000	29 Mar 2011 12:45 pm
8) S5032908.D				
1114028-BSD1	1,50 PPM LCS,1000ml+	7	1.000	29 Mar 2011 1:20 pm
9) S5032909.D				
1114028-BLK1	1,METHOD BLANK,1000m	8	1.000	29 Mar 2011 1:54 pm
10) S5032910.D				
11C1443-01	1,LANGAN,1000ml+1ml,	9	1.000	29 Mar 2011 2:29 pm
11) S5032911.D				
11C1278-01	1,CURTIS BAY,200ml+1	10	1.000	29 Mar 2011 3:03 pm
12) S5032912.D				
11C1255-17	1,SEVERSTAL,870ml+1m	11	1.000	29 Mar 2011 3:38 pm
13) S5032913.D				
11C1255-03	1,SEVERSTAL,980ml+1m	12	1.000	29 Mar 2011 4:13 pm
14) S5032914.D				
11C1255-44	1,SEVERSTAL,850ml+1m	13	1.000	29 Mar 2011 4:47 pm
15) S5032915.D				
11C1255-04	1,SEVERSTAL,1000ml+1	14	1.000	29 Mar 2011 5:22 pm
16) S5032916.D				
11C1273-01	1,EA ENGINEERING,100	15	1.000	29 Mar 2011 5:57 pm
17) S5032917.D				
11C1255-16RE1	50,SEVERSTAL,20ul/1m	16	1.000	29 Mar 2011 6:32 pm
18) S5032918.D				
11C1255-07	1,SEVERSTAL,1000ml+1	17	1.000	29 Mar 2011 7:06 pm
19) S5032919.D				
11C1255-16	1,SEVERSTAL,820ml+1m	18	1.000	29 Mar 2011 7:41 pm
20) S5032920.D				
SEQ-CCV	MC12320>1ml=40ppm	1	1.000	29 Mar 2011 8:16 pm
21) S5032921.D				

SEQ-ICB MB10749,1ml 2 1.000 29 Mar 2011 8:51 pm

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22) S5032922.D

SEQ-ICB MB10749,1ml 2 1.000 29 Mar 2011 9:25 pm

GC/MS QA-QC Check Report

Tune File : C:\MSD5\2011\MAR\MAR2911\S5032901.D
Tune Time : 29 Mar 2011 8:21 am

Daily Calibration File : C:\MSD5\2011\MAR\MAR2911\S5032902.D

	(2FP)	(PHL)	(NBZ)	(FBP)	(DCB)	(NPT)	(ANT)
					65236	254460	148146
	(TBP)	(TPH)			(PHN)	(CRY)	(PRY)
					221847	228588	186991

File	Sample	Surrogate Recovery %				Internal Standard Responses		
S5032902.D								
	SEQ-CCV	51	52	78	74	65236	254460	148146
		47	72			221847	228588	186991
S5032903.D								
	SEQ-ICB	100*	99*	98	94	54042	204183	115001
		73	98			186247	159435	124072
S5032904.D								
	1114049-BS	55	46	87	83	63436	244407	141230
		86	88			195885	193551	163700
S5032905.D								
	1114049-BS	50	44	62	58	59006	226709	131242
		63	60			181046	194917	163543
S5032906.D								
	1114049-BL	42	30	83	79	53997	194683	111076
		74	85			179844	153045	133538
S5032907.D								
	1114028-BS	54	38	86	83	57644	225665	131522
		89	88			189580	193688	167304
S5032908.D								
	1114028-BS	50	36	82	80	61118	233011	133451
		87	85			195939	194436	165653
S5032909.D								
	1114028-BL	44	31	80	78	64091	231556	130565
		73	88			207434	173509	150520
S5032910.D								
	11C1443-01	35	27	64	58	61917	229459	129836
		53	40			203843	177473	151205
S5032911.D								
	11C1278-01	50	35	84	77	52264	195747	117420
		77	72			179210	167103	143941
S5032912.D								
	11C1255-17	43	30	64	63	65112	249340	137712
		62	68			229710	200991	167780
S5032913.D								
	11C1255-03	42	28	68	68	61300	225849	124450
		68	68			202210	184076	163573
S5032914.D								
	11C1255-44	45	32	67	64	64288	243184	137934
		67	68			224224	195722	175130
S5032915.D								

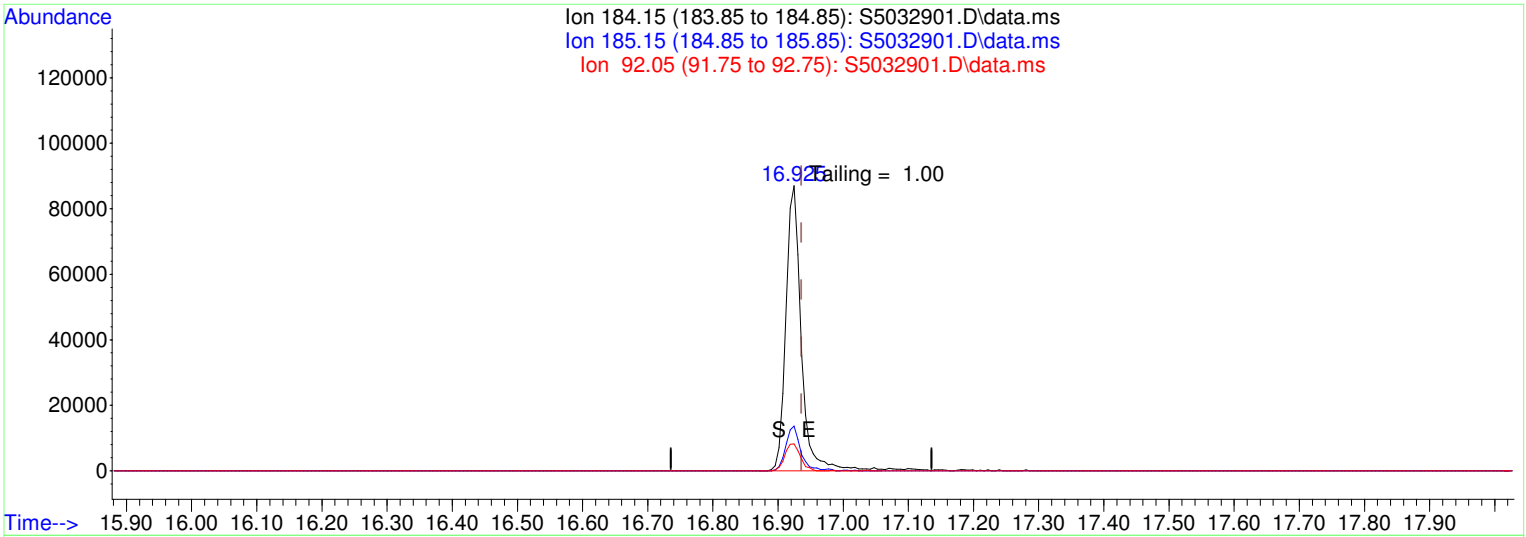
	11C1255-04	44	31	72	72	66423	248799	137997
		75	65			223938	206585	188371
S5032916.D								
	11C1273-01	21	19	54	51	64130	241602	132474
		21*	59			209634	181731	178561
S5032917.D								
	11C1255-16	1*	0*	1*	1*	64177	240417	132534
		0*	1*			216868	188523	174805
S5032918.D								
	11C1255-07	20	15	35*	34*	118887	434028	241544
		35	31			392023	403996	346046
S5032919.D								
	11C1255-16	36	26	48	49	60277	242509	147090
		52	48			238678	244309	192423
S5032920.D								
	SEQ-CCV	52	51	76	72	71668	270648	156045
		49	70			225863	241752	207918
S5032921.D								
(fails)	SEQ-ICB	104*	101*	96	94	56004	214504	116711
		89	92			190875	174226	147558
S5032922.D								
(fails)	SEQ-ICB	100*	95*	97	93	60259	220476	121139
		87	94			195098	182443	149992

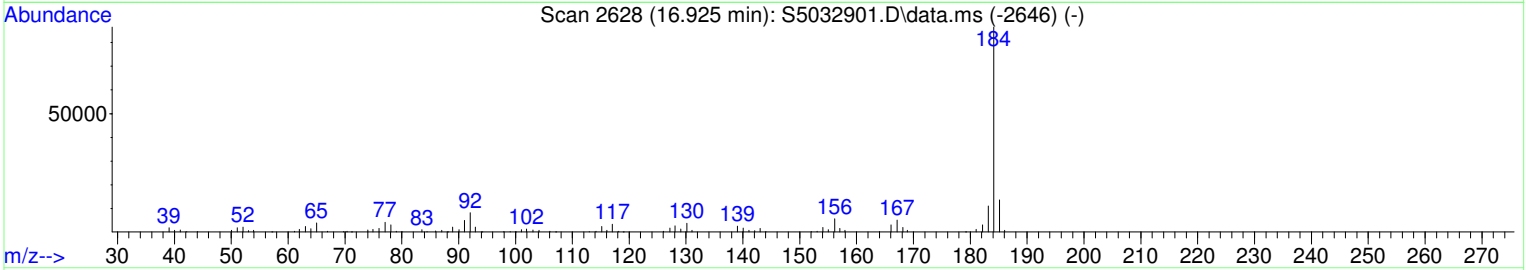
(fails) - fails 12hr time check * - fails criteria

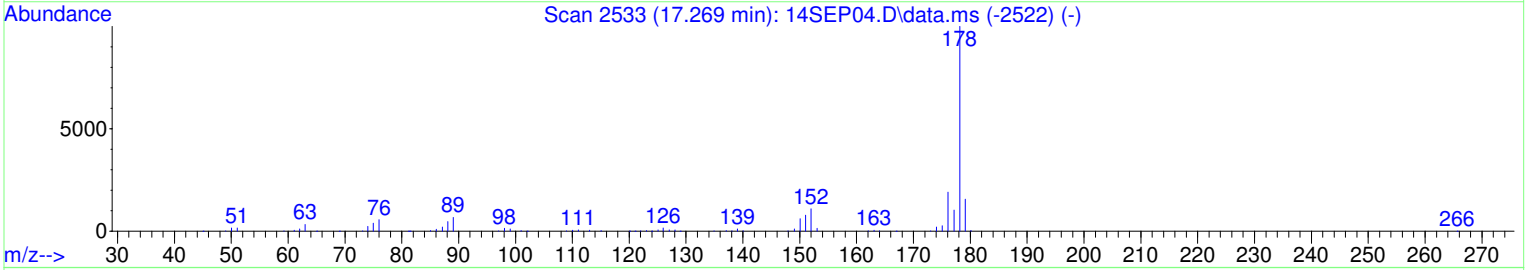
Created: Wed Mar 30 06:55:56 2011 MSD5

Data File : C:\MSD5\2011\MAR\MAR2911\S5032901.D Vial: 100
Acq On : 29 Mar 2011 8:21 am Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 29 19:39:15 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5032901.D\data.ms

(12) Benzidine

16.925min (-0.011) 0.00 ug/mL

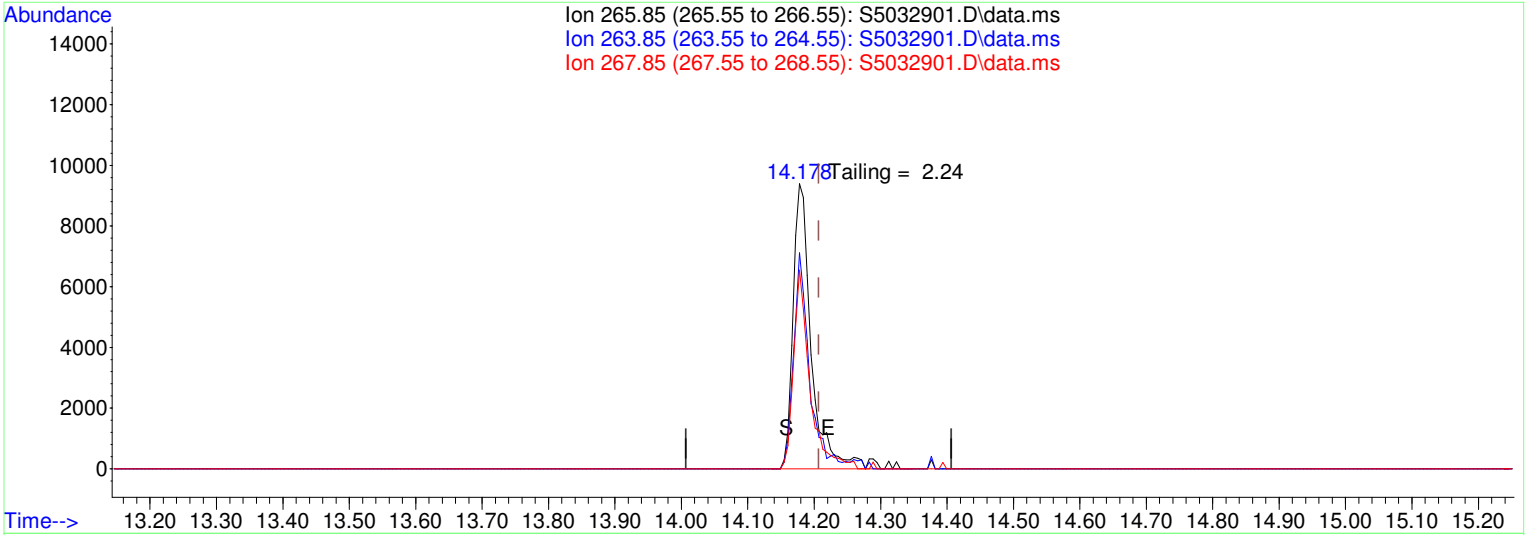
response 141341

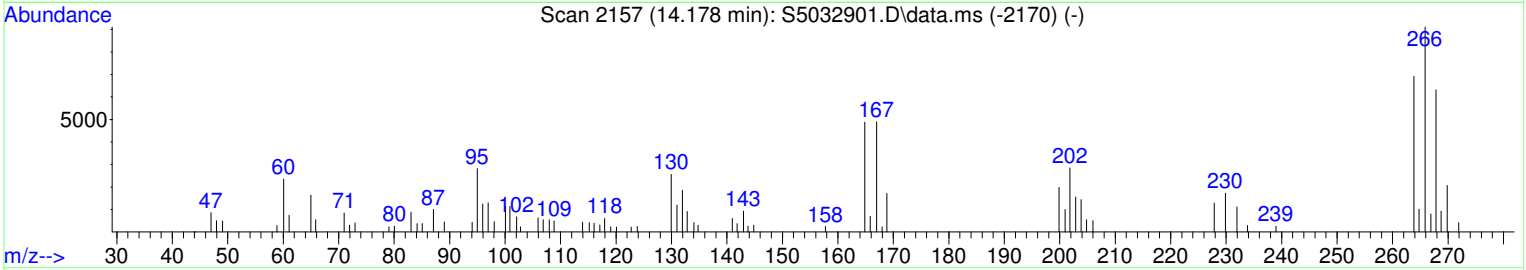
Ion	Exp%	Act%
184.15	100	100
185.15	14.50	15.75
92.05	8.50	9.47
0.00	0.00	0.00

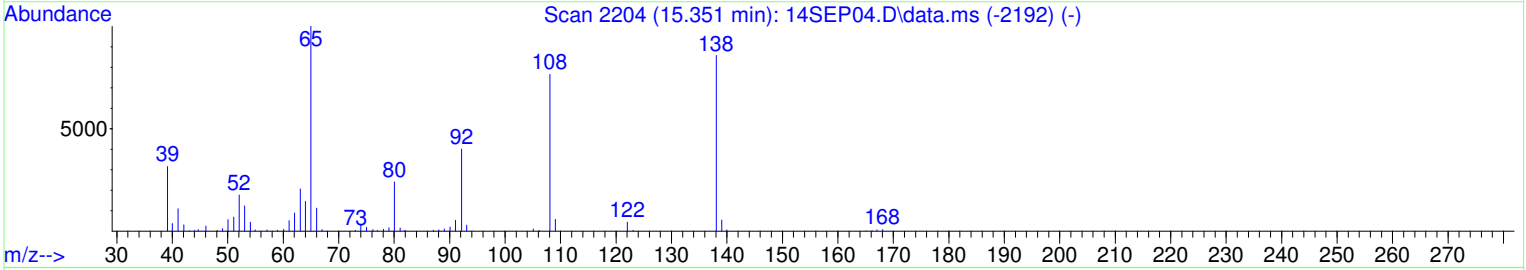
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032901.D Vial: 100
Acq On : 29 Mar 2011 8:21 am Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 29 19:39:15 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5032901.D\data.ms

(10) Pentachlorophenol (CM*)

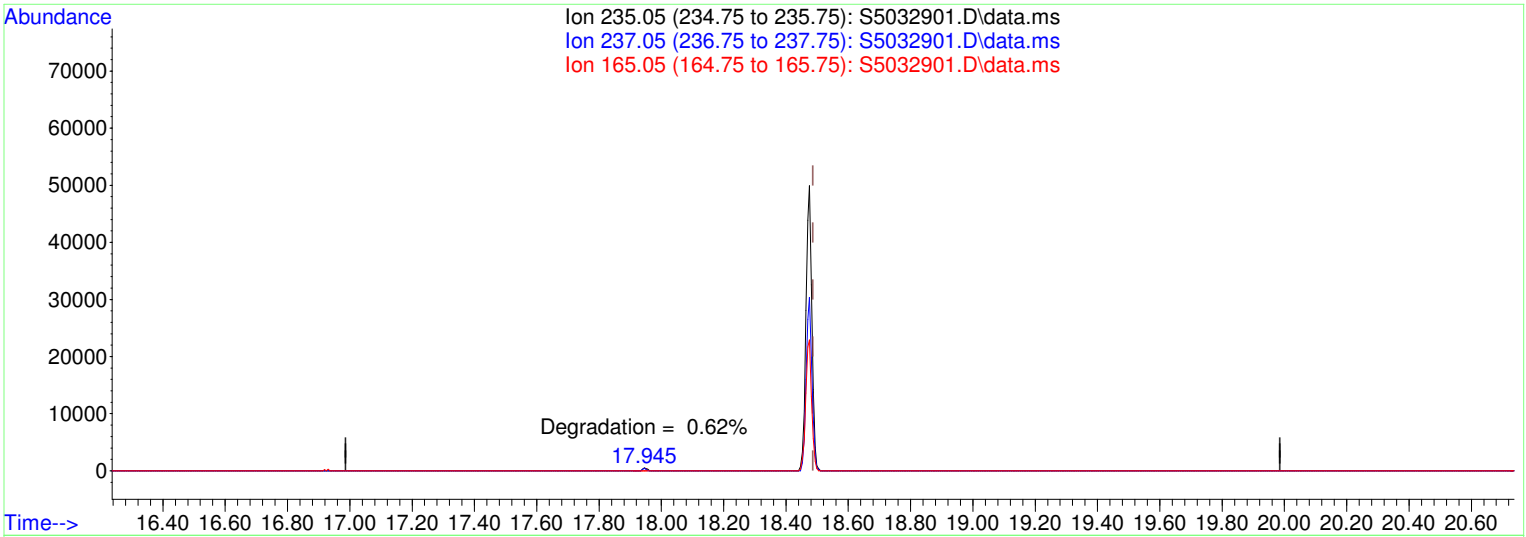
14.178min (-0.029) 0.00 ug/mL

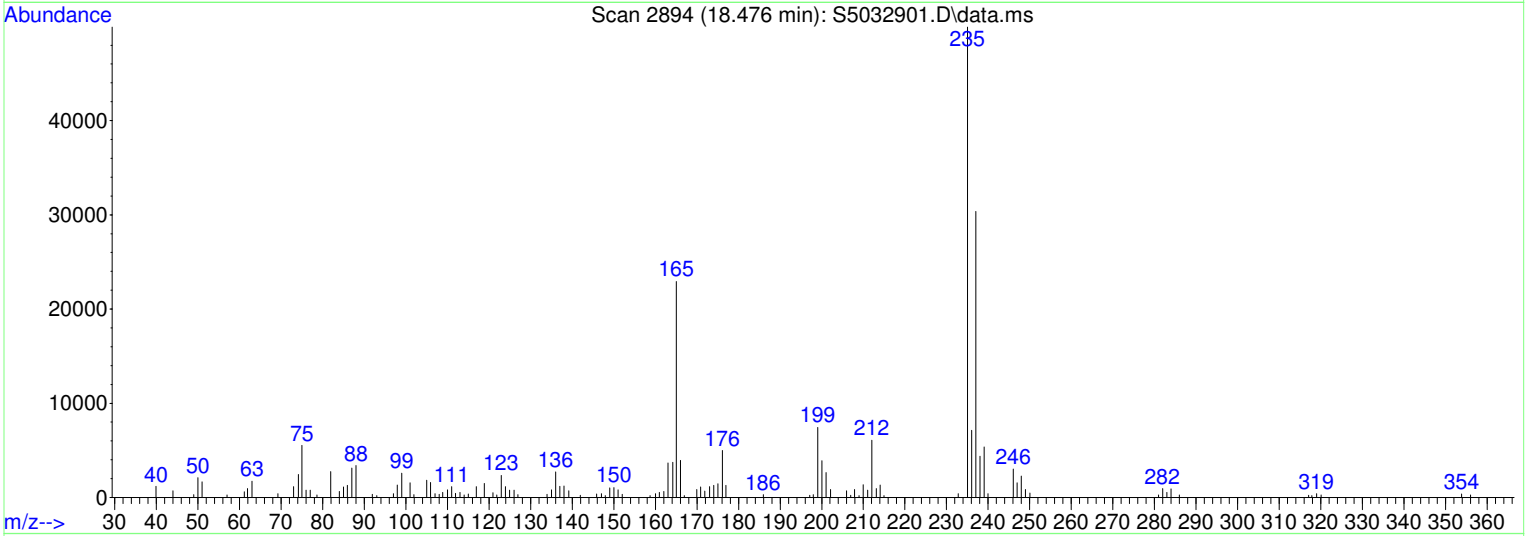
response 17478

Ion	Exp%	Act%
265.85	100	100
263.85	61.50	75.76
267.85	62.40	69.66
0.00	0.00	0.00

Data File : C:\MSD5\2011\MAR\MAR2911\S5032901.D Vial: 100
Acq On : 29 Mar 2011 8:21 am Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 29 19:39:15 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration





TIC: S5032901.D\data.ms

(7) p,p'-DDT

18.476min (-0.011) 0.00 ug/mL

response 65952

Ion	Exp%	Act%
235.05	100	100
237.05	64.80	59.71
165.05	49.40	46.03
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2911\S5032902.D Vial: 1
Acq On : 29 Mar 2011 8:55 am Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 29 19:45:46 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	100	-0.02
2		N-Nitrosodimethylamine	40.000	39.699	0.8	96	-0.07
3	T	Pyridine	40.000	39.712	0.7	95	-0.08
4	S	2-Fluorophenol	40.000	38.109	4.7	94	-0.04
5		Pentachloroethane	40.000	36.468	8.8	91	-0.02
6		Aniline	40.000	39.293	1.8	97	-0.03
7	T	bis(2-Chloroethyl)ether	40.000	36.606	8.5	95	-0.03
8	S	Phenol-d5	40.000	39.108	2.2	97	-0.04
9	CM*	Phenol	40.000	40.162	-0.4	100	-0.04
10	M	2-Chlorophenol	40.000	38.688	3.3	99	-0.03
11	T	1,3-Dichlorobenzene	40.000	38.776	3.1	97	-0.02
12	CM*	1,4-Dichlorobenzene	40.000	38.306	4.2	97	-0.03
13	T	1,2-Dichlorobenzene	40.000	38.742	3.1	98	-0.03
14	T	Benzyl alcohol	40.000	38.624	3.4	95	-0.04
15	T	bis(2-chloroisopropyl)ether	40.000	39.319	1.7	99	-0.02
16	T	2-Methylphenol	40.000	40.459	-1.1	100	-0.03
17	T	Hexachloroethane	40.000	38.144	4.6	98	-0.02
18	PM**	N-Nitroso-di-n-propylamine	40.000	39.756	0.6	100	-0.03
19	T	4-Methylphenol,3-Methylphen	40.000	40.665	-1.7	101	-0.02
20	I	Naphthalene-d8	40.000	40.000	0.0	106	-0.02
21	S	Nitrobenzene-d5	40.000	39.097	2.3	104	-0.02
22	T	Nitrobenzene	40.000	38.308	4.2	100	-0.03
23	T	Isophorone	40.000	37.723	5.7	100	-0.03
24	CT*	2-Nitrophenol	40.000	34.677	13.3	90	-0.02
25	T	2,4-Dimethylphenol	40.000	42.705	-6.8	112	-0.03
26	T	bis(2-Chloroethoxy)methane	40.000	36.527	8.7	98	-0.02
27	CT*	2,4-Dichlorophenol	40.000	37.549	6.1	95	-0.03
28	M	1,2,4-Trichlorobenzene	40.000	36.870	7.8	97	-0.03
29	T	Naphthalene	40.000	36.963	7.6	99	-0.02
30	T	4-Chloroaniline	40.000	38.189	4.5	100	-0.02
31	T	Benzoic Acid	40.000	28.074	29.8	75	-0.07
32	CT*	Hexachlorobutadiene	40.000	35.228	11.9	91	-0.02
33		Resorcinol	40.000	37.337	6.7	102	-0.03
34	CM*	4-Chloro-3-methylphenol	40.000	38.708	3.2	101	-0.02
35	T	2-Methylnaphthalene	40.000	36.499	8.8	99	-0.02
36		1-Methylnaphthalene	40.000	36.811	8.0	99	-0.03
37	I	Acenaphthene-d10	40.000	40.000	0.0	107	-0.02
38	PT**	Hexachlorocyclopentadiene	40.000	36.499	8.8	97	-0.02
39	CT*	2,4,6-Trichlorophenol	40.000	37.313	6.7	97	-0.02
40	T	2,4,5-Trichlorophenol	40.000	37.369	6.6	96	-0.02
41	S	2-Fluorobiphenyl	40.000	36.921	7.7	98	-0.02
42	T	2-Chloronaphthalene	40.000	37.048	7.4	97	-0.03
43	T	2-Nitroaniline	40.000	43.462	-8.7	112	-0.03
44		1,4-Dinitrobenzene	40.000	40.445	-1.1	110	-0.04
45	T	Acenaphthylene	40.000	38.039	4.9	98	-0.02
46	T	Dimethylphthalate	40.000	37.617	6.0	102	-0.03
47		1,3-Dinitrobenzene	40.000	37.846	5.4	102	-0.03
48		1,2-Dinitrobenzene	40.000	37.846	5.4	102	-0.03
49	T	2,6-Dinitrotoluene	40.000	38.787	3.0	101	-0.03
50	CM*	Acenaphthene	40.000	36.898	7.8	96	-0.03
51	T	3-Nitroaniline	40.000	40.300	-0.7	104	-0.03
52	PT**	2,4-Dinitrophenol	40.000	31.166	22.1	75	-0.03
53	T	Dibenzofuran	40.000	37.522	6.2	99	-0.03

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2911\S5032902.D Vial: 1
Acq On : 29 Mar 2011 8:55 am Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 29 19:45:46 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	37.422	6.4	97	-0.02
55		2,3,4,6-Tetrachlorophenol	40.000	36.974	7.6	94	-0.03
56	M	2,4-Dinitrotoluene	40.000	39.839	0.4	98	-0.03
57	PM**	4-Nitrophenol	40.000	39.393	1.5	106	-0.02
58	T	Fluorene	40.000	37.877	5.3	99	-0.03
59	T	4-Chlorophenyl-phenylether	40.000	35.713	10.7	94	-0.03
60	T	Diethylphthalate	40.000	36.540	8.7	98	-0.03
61	T	1,2-Diphenylhydrazine (Azob	40.000	39.302	1.7	103	-0.03
62	T	4-Nitroaniline	40.000	40.300	-0.7	104	-0.03
63	I	Phenanthrene-d10	40.000	40.000	0.0	108	-0.03
64	T	4,6-Dinitro-2-methylphenol	40.000	31.153	22.1	84	-0.03
65	CT*	n-Nitrosodiphenylamine	40.000	35.630	10.9	102	-0.03
66	S	2,4,6-Tribromophenol	40.000	35.094	12.3	92	-0.03
67	T	4-Bromophenyl-phenylether	40.000	35.856	10.4	102	-0.02
68	T	Hexachlorobenzene	40.000	37.064	7.3	100	-0.03
69	CM*	Pentachlorophenol	40.000	35.202	12.0	100	-0.02
70	T	Phenanthrene	40.000	37.682	5.8	103	-0.03
71	T	Anthracene	40.000	37.283	6.8	102	-0.03
72	T	Carbazole	40.000	37.172	7.1	100	-0.03
73	T	Di-n-butylphthalate	40.000	35.047	12.4	93	-0.03
74	CT*	Fluoranthene	40.000	37.056	7.4	97	-0.03
75	I	Chrysene-d12	40.000	40.000	0.0	103	-0.03
76	M	Pyrene	40.000	38.988	2.5	101	-0.03
77		Benzidine	40.000	37.606	6.0	93	-0.03
78	S	Terphenyl-d14	40.000	36.128	9.7	95	-0.03
79		3,3'-Dimethylbenzidine	40.000	0.000	100.0#	0	-18.32#
80	T	Butylbenzylphthalate	40.000	34.250	14.4	88	-0.03
81		bis(2-ethylhexyl)adipate	40.000	31.213	22.0	81	-0.03
82	T	3,3'-Dichlorobenzidine	40.000	36.467	8.8	92	-0.03
83	T	Benzo[a]anthracene	40.000	37.476	6.3	96	-0.03
84	T	Chrysene	40.000	36.903	7.7	93	-0.03
85	T	bis(2-Ethylhexyl)phthalate	40.000	32.596	18.5	83	-0.03
86	I	Perylene-d12	40.000	40.000	0.0	104	-0.03
87	CT*	Di-n-octylphthalate	40.000	30.512	23.7	80	-0.03
88	T	Benzo[b]fluoranthene	40.000	37.646	5.9	99	-0.04
89	T	Benzo[k]fluoranthene	40.000	35.623	10.9	91	-0.04
90	CT*	Benzo[a]pyrene	40.000	36.993	7.5	95	-0.03
91	T	Indeno[1,2,3-cd]pyrene	40.000	34.696	13.3	88	-0.04
92	T	Dibenz[a,h]anthracene	40.000	34.467	13.8	90	-0.04
93	T	Benzo[g,h,i]perylene	40.000	34.635	13.4	91	-0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2911\S5032920.D Vial: 1
Acq On : 29 Mar 2011 8:16 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Mar 30 06:49:55 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	110	-0.02
2		N-Nitrosodimethylamine	40.000	39.820	0.4	106	-0.06
3	T	Pyridine	40.000	40.966	-2.4	108	-0.06
4	S	2-Fluorophenol	40.000	39.210	2.0	106	-0.03
5		Pentachloroethane	40.000	36.207	9.5	99	-0.02
6		Aniline	40.000	40.439	-1.1	110	-0.03
7	T	bis(2-Chloroethyl)ether	40.000	36.724	8.2	105	-0.03
8	S	Phenol-d5	40.000	38.498	3.8	105	-0.03
9	CM*	Phenol	40.000	40.213	-0.5	110	-0.03
10	M	2-Chlorophenol	40.000	38.875	2.8	109	-0.03
11	T	1,3-Dichlorobenzene	40.000	36.890	7.8	101	-0.02
12	CM*	1,4-Dichlorobenzene	40.000	37.716	5.7	105	-0.03
13	T	1,2-Dichlorobenzene	40.000	38.433	3.9	107	-0.02
14	T	Benzyl alcohol	40.000	38.610	3.5	104	-0.03
15	T	bis(2-chloroisopropyl)ether	40.000	36.166	9.6	100	-0.02
16	T	2-Methylphenol	40.000	38.770	3.1	106	-0.02
17	T	Hexachloroethane	40.000	36.467	8.8	103	-0.02
18	PM**	N-Nitroso-di-n-propylamine	40.000	37.576	6.1	104	-0.02
19	T	4-Methylphenol,3-Methylphen	40.000	40.070	-0.2	109	-0.02
20	I	Naphthalene-d8	40.000	40.000	0.0	113	-0.02
21	S	Nitrobenzene-d5	40.000	38.188	4.5	108	-0.02
22	T	Nitrobenzene	40.000	37.261	6.8	104	-0.02
23	T	Isophorone	40.000	36.361	9.1	103	-0.02
24	CT*	2-Nitrophenol	40.000	39.636	0.9	109	-0.02
25	T	2,4-Dimethylphenol	40.000	41.585	-4.0	116	-0.02
26	T	bis(2-Chloroethoxy)methane	40.000	35.933	10.2	102	-0.02
27	CT*	2,4-Dichlorophenol	40.000	38.398	4.0	103	-0.02
28	M	1,2,4-Trichlorobenzene	40.000	36.456	8.9	103	-0.02
29	T	Naphthalene	40.000	36.225	9.4	103	-0.02
30	T	4-Chloroaniline	40.000	38.928	2.7	108	-0.02
31	T	Benzoic Acid	40.000	44.729	-11.8	142	-0.06
32	CT*	Hexachlorobutadiene	40.000	35.517	11.2	98	-0.02
33		Resorcinol	40.000	39.925	0.2	116	-0.03
34	CM*	4-Chloro-3-methylphenol	40.000	39.285	1.8	109	-0.02
35	T	2-Methylnaphthalene	40.000	35.743	10.6	103	-0.02
36		1-Methylnaphthalene	40.000	36.524	8.7	104	-0.02
37	I	Acenaphthene-d10	40.000	40.000	0.0	113	-0.02
38	PT**	Hexachlorocyclopentadiene	40.000	36.820	7.9	104	-0.02
39	CT*	2,4,6-Trichlorophenol	40.000	38.857	2.9	106	-0.02
40	T	2,4,5-Trichlorophenol	40.000	40.220	-0.5	109	-0.02
41	S	2-Fluorobiphenyl	40.000	35.853	10.4	100	-0.02
42	T	2-Chloronaphthalene	40.000	36.416	9.0	101	-0.02
43	T	2-Nitroaniline	40.000	40.456	-1.1	110	-0.03
44		1,4-Dinitrobenzene	40.000	38.398	4.0	110	-0.03
45	T	Acenaphthylene	40.000	38.390	4.0	105	-0.02
46	T	Dimethylphthalate	40.000	35.959	10.1	103	-0.03
47		1,3-Dinitrobenzene	40.000	35.783	10.5	102	-0.02
48		1,2-Dinitrobenzene	40.000	35.783	10.5	102	-0.02
49	T	2,6-Dinitrotoluene	40.000	37.589	6.0	104	-0.03
50	CM*	Acenaphthene	40.000	37.446	6.4	102	-0.03
51	T	3-Nitroaniline	40.000	37.445	6.4	102	-0.03
52	PT**	2,4-Dinitrophenol	40.000	44.230	-10.6	132	-0.02
53	T	Dibenzofuran	40.000	37.152	7.1	103	-0.03

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR2911\S5032920.D Vial: 1
Acq On : 29 Mar 2011 8:16 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Mar 30 06:49:55 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

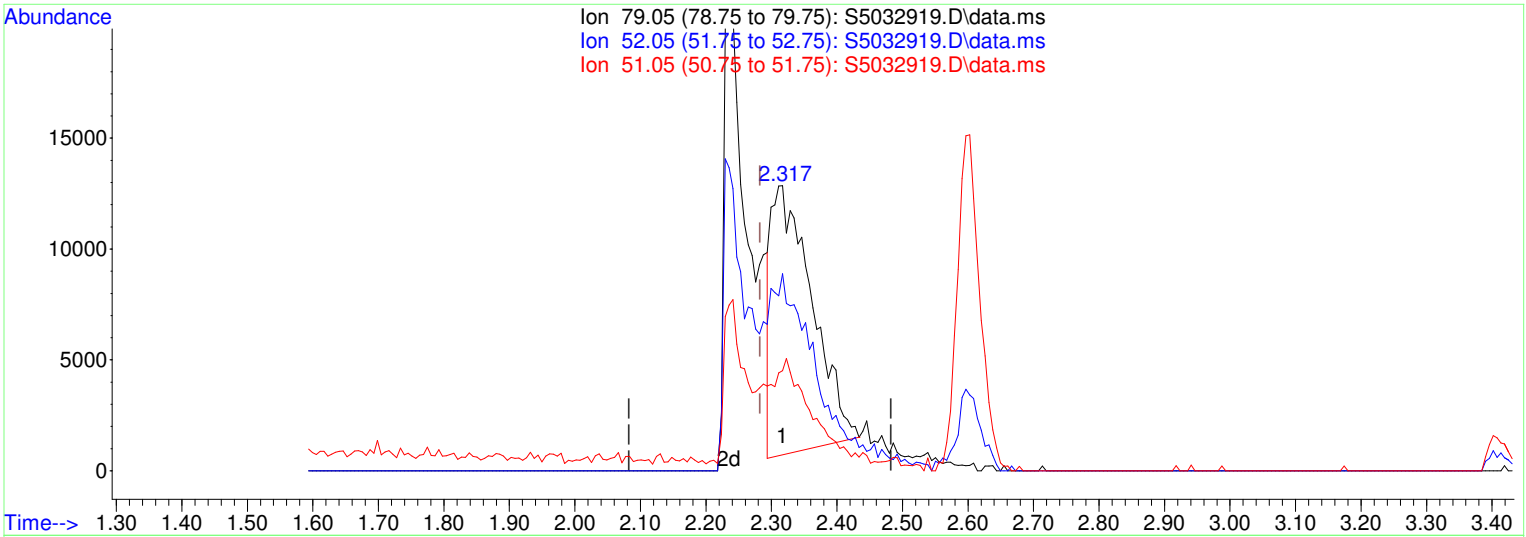
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	40.572	-1.4	110	-0.02
55		2,3,4,6-Tetrachlorophenol	40.000	37.982	5.0	102	-0.02
56	M	2,4-Dinitrotoluene	40.000	39.276	1.8	102	-0.03
57	PM**	4-Nitrophenol	40.000	38.897	2.8	111	-0.02
58	T	Fluorene	40.000	37.410	6.5	103	-0.03
59	T	4-Chlorophenyl-phenylether	40.000	36.131	9.7	100	-0.02
60	T	Diethylphthalate	40.000	34.307	14.2	96	-0.03
61	T	1,2-Diphenylhydrazine (Azob	40.000	35.594	11.0	99	-0.03
62	T	4-Nitroaniline	40.000	37.445	6.4	102	-0.03
63	I	Phenanthrene-d10	40.000	40.000	0.0	110	-0.02
64	T	4,6-Dinitro-2-methylphenol	40.000	40.798	-2.0	115	-0.03
65	CT*	n-Nitrosodiphenylamine	40.000	34.786	13.0	101	-0.02
66	S	2,4,6-Tribromophenol	40.000	37.055	7.4	99	-0.02
67	T	4-Bromophenyl-phenylether	40.000	35.127	12.2	102	-0.02
68	T	Hexachlorobenzene	40.000	37.909	5.2	105	-0.03
69	CM*	Pentachlorophenol	40.000	42.967	-7.4	128	-0.02
70	T	Phenanthrene	40.000	36.872	7.8	102	-0.02
71	T	Anthracene	40.000	37.433	6.4	104	-0.03
72	T	Carbazole	40.000	37.869	5.3	103	-0.03
73	T	Di-n-butylphthalate	40.000	34.032	14.9	92	-0.02
74	CT*	Fluoranthene	40.000	36.614	8.5	98	-0.03
75	I	Chrysene-d12	40.000	40.000	0.0	109	-0.03
76	M	Pyrene	40.000	36.571	8.6	100	-0.03
77		Benzidine	40.000	38.290	4.3	100	-0.03
78	S	Terphenyl-d14	40.000	34.808	13.0	97	-0.03
79		3,3'-Dimethylbenzidine	40.000	0.000	100.0#	0	-18.32#
80	T	Butylbenzylphthalate	40.000	32.976	17.6	89	-0.03
81		bis(2-ethylhexyl)adipate	40.000	30.847	22.9	85	-0.03
82	T	3,3'-Dichlorobenzidine	40.000	38.446	3.9	102	-0.03
83	T	Benzo[a]anthracene	40.000	36.577	8.6	100	-0.03
84	T	Chrysene	40.000	37.209	7.0	99	-0.03
85	T	bis(2-Ethylhexyl)phthalate	40.000	31.165	22.1	84	-0.03
86	I	Perylene-d12	40.000	40.000	0.0	115	-0.03
87	CT*	Di-n-octylphthalate	40.000	30.718	23.2	89	-0.03
88	T	Benzo[b]fluoranthene	40.000	37.009	7.5	108	-0.03
89	T	Benzo[k]fluoranthene	40.000	36.852	7.9	105	-0.03
90	CT*	Benzo[a]pyrene	40.000	38.118	4.7	108	-0.03
91	T	Indeno[1,2,3-cd]pyrene	40.000	38.063	4.8	107	-0.03
92	T	Dibenz[a,h]anthracene	40.000	36.201	9.5	105	-0.03
93	T	Benzo[g,h,i]perylene	40.000	37.470	6.3	110	-0.03

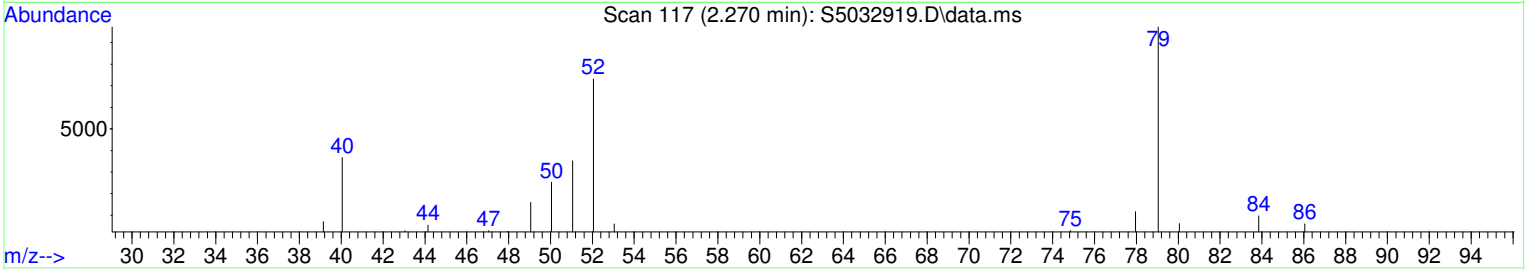
(#) = Out of Range SPCC's out = 0 CCC's out = 0

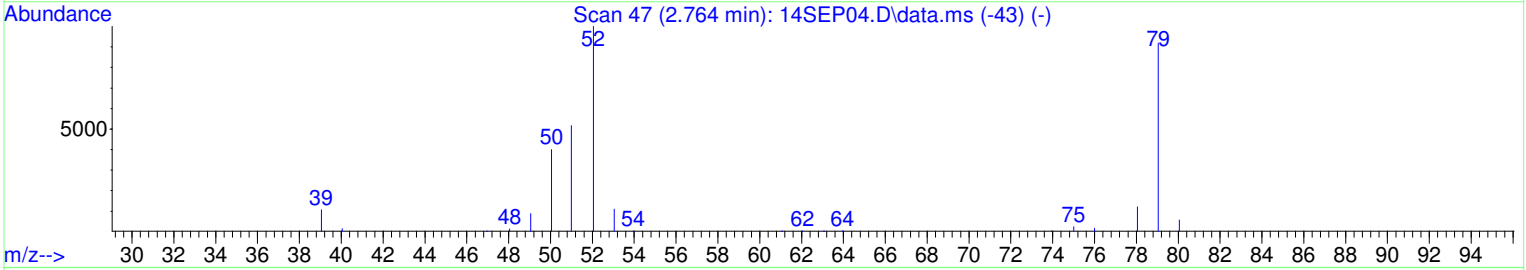
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032919.D Vial: 18
Acq On : 29 Mar 2011 7:41 pm Operator: RCS
Sample : 11C1255-16 Inst : MSD5
Misc : 1,SEVERSTAL,820ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 30 06:49:48 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration







TIC: S5032919.D\data.ms

(3) Pyridine (T)

2.317min (+0.034) 17.94 ug/mL

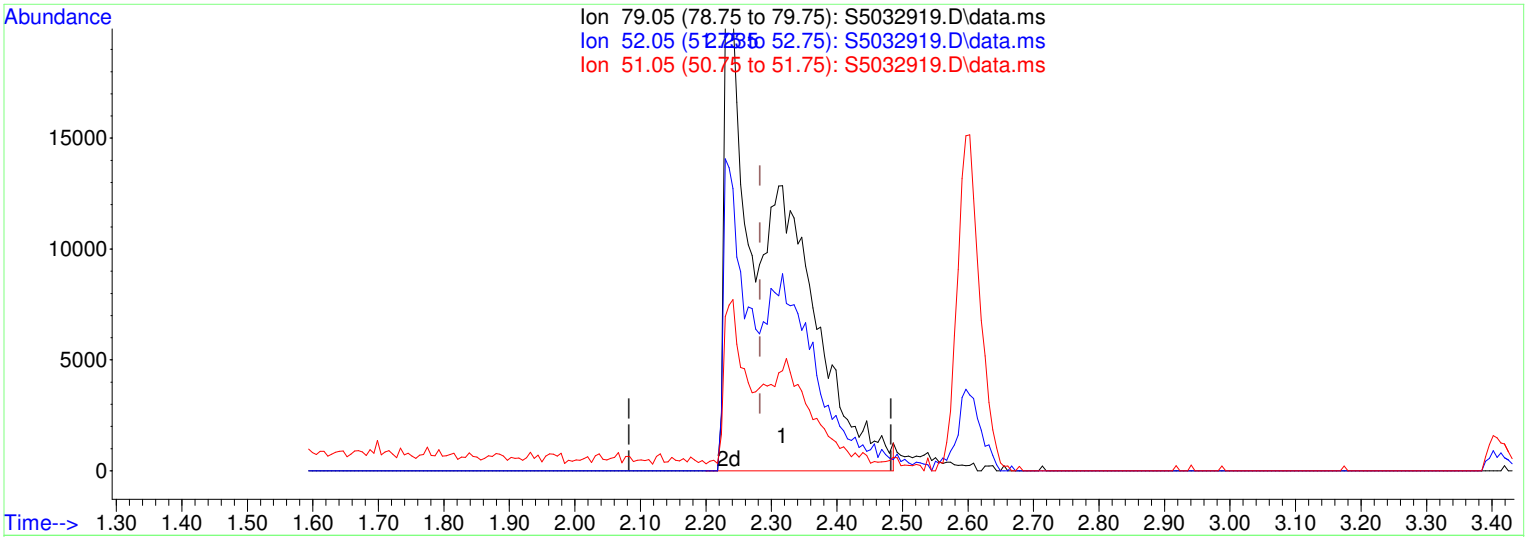
response 52146

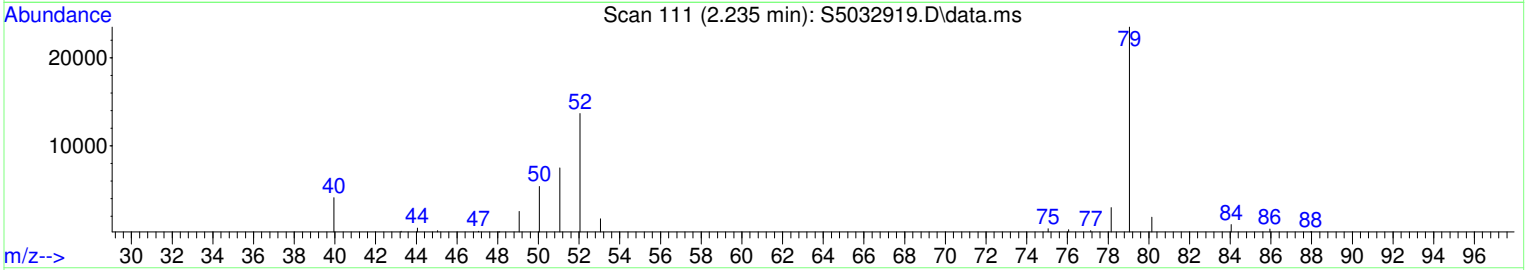
Ion	Exp%	Act%
79.05	100	100
52.05	58.20	69.12
51.05	34.30	34.36
0.00	0.00	0.00

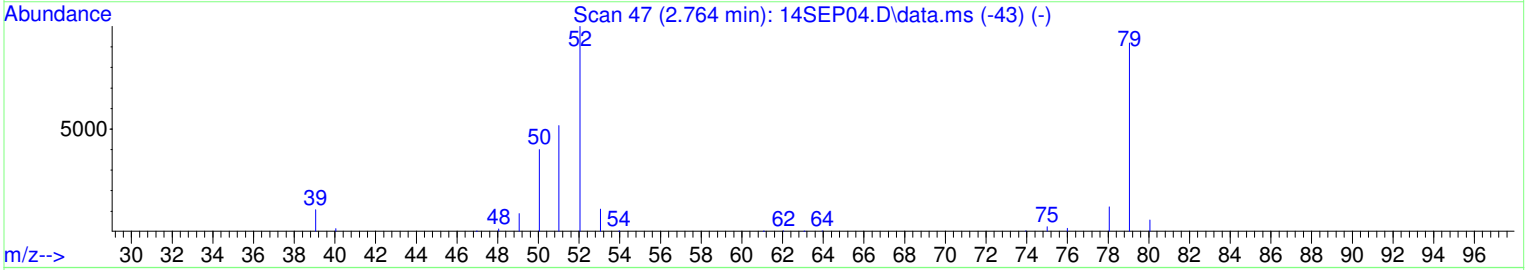
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032919.D Vial: 18
Acq On : 29 Mar 2011 7:41 pm Operator: RCS
Sample : 11C1255-16 Inst : MSD5
Misc : 1,SEVERSTAL,820ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 30 06:49:48 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration







TIC: S5032919.D\data.ms

(3) Pyridine (T)

2.235min (-0.048) 42.32 ug/mL m

response 123022

Ion	Exp%	Act%
79.05	100	100
52.05	58.20	58.12
51.05	34.30	31.81
0.00	0.00	0.00

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C3007 **Matrix:** Water **Department:** Metals **Instrument:** Varian ICP

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	-0.000237uv	mg/L	0.000161	68.0	9.29306	-0.011856 mg/L	Y 371.029
V 311.837	0.000535	mg/L	0.000040	7.4	3.39209	0.026725 mg/L	Y 371.029
Zn 202.548	-0.003326uv	mg/L	0.000430	12.9	260.716	-0.166293 mg/L	Y 371.029
Zn 206.200	-0.005347uv	mg/L	0.000626	11.7	82.7387	-0.267328 mg/L	Y 371.029
Zn 213.857	0.001742	mg/L	0.000479	27.5	794.256	0.087097 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.744849	5972.78	24.815	0.4
Y 371.029	0.938054	154692	541.554	0.4

SEQ-CCVE (Samp) **3/30/2011, 11:45:00 AM** **Rack 4, Tube 30**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.101849	mg/L	0.000168	0.2	4594.98	0.101849 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000106	0.1	264.226	uncal mg/L	Y 371.029
Al 237.312	2.56516	mg/L	0.009376	0.4	3050.82	2.56516 mg/L	Y 371.029
Al 257.509	2.54735	mg/L	0.005311	0.2	1342.54	2.54735 mg/L	Y 371.029
Al 308.215	2.80678	mg/L	0.006814	0.2	15261.5	2.80678 mg/L	Y 371.029
As 188.980	0.472135	mg/L	0.004674	1.0	100.807	0.472135 mg/L	Y 371.029
As 193.696	0.472179	mg/L	0.006246	1.3	124.994	0.472179 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010153	1.5	618.007	uncal mg/L	Y 371.029
B 182.577	0.491248	mg/L	0.003350	0.7	173.527	0.491248 mg/L	Y 371.029
B 249.678	0.499930	mg/L	0.003641	0.7	3734.81	0.499930 mg/L	Y 371.029
B 249.772	0.498331	mg/L	0.005400	1.1	7115.56	0.498331 mg/L	Y 371.029
Ba 233.527	0.477440	mg/L	0.003238	0.7	13685.2	0.477440 mg/L	Y 371.029
Ba 455.403	0.503808	mg/L	0.000672	0.1	490037	0.503808 mg/L	Y 371.029
Ba 493.408	0.517779	mg/L	0.000676	0.1	322057	0.517779 mg/L	Y 371.029
Be 234.861	0.521805	mg/L	0.001978	0.4	43092.8	0.521805 mg/L	Y 371.029
Be 313.042	0.485503	mg/L	0.003823	0.8	610453	0.485503 mg/L	Y 371.029
Be 313.107	0.486050	mg/L	0.004826	1.0	301391	0.486050 mg/L	Y 371.029
Ca 393.366	4.91932n	mg/L	0.006809	0.1	5465499	4.91932 mg/L	Y 371.029
Ca 396.847	4.60002	mg/L	0.005010	0.1	9577683	4.60002 mg/L	Y 371.029
Ca 430.253	5.12549	mg/L	0.009757	0.2	17891.6	5.12549 mg/L	Y 371.029
Cd 214.439	0.233422	mg/L	0.002688	1.2	2149.97	0.233422 mg/L	Y 371.029
Cd 226.502	0.236989	mg/L	0.001629	0.7	4926.14	0.236989 mg/L	Y 371.029
Cd 228.802	0.251762	mg/L	0.001272	0.5	2550.26	0.251762 mg/L	Y 371.029
Co 228.615	0.481148	mg/L	0.001523	0.3	2762.46	0.481148 mg/L	Y 371.029
Co 230.786	0.483442	mg/L	0.002065	0.4	1983.64	0.483442 mg/L	Y 371.029
Co 238.892	0.486086	mg/L	0.003772	0.8	1946.27	0.486086 mg/L	Y 371.029
Cr 205.560	0.481506	mg/L	0.002987	0.6	1338.55	0.481506 mg/L	Y 371.029
Cr 206.158	0.479497	mg/L	0.002905	0.6	554.691	0.479497 mg/L	Y 371.029
Cr 267.716	0.485255	mg/L	0.002422	0.5	7507.99	0.485255 mg/L	Y 371.029
Cu 213.598	0.469054	mg/L	0.002646	0.6	931.348	0.469054 mg/L	Y 371.029
Cu 324.754	0.523234	mg/L	0.001549	0.3	16876.4	0.523234 mg/L	Y 371.029
Cu 327.395	0.516756	mg/L	0.000791	0.2	21968.6	0.516756 mg/L	Y 371.029
Fe 234.350	0.465227	mg/L	0.002769	0.6	3059.32	0.465227 mg/L	Y 371.029
Fe 238.204	0.356378	mg/L	0.002514	0.7	6228.56	0.356378 mg/L	Y 371.029
Fe 259.940	0.413847	mg/L	0.001442	0.3	5689.95	0.413847 mg/L	Y 371.029
Ga 287.423	0.529410	mg/L	0.002017	0.4	985.218	0.529410 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.518904	mg/L	0.000830	0.2	2690.26	0.518904 mg/L	Y 371.029
Ga 417.204	0.530148	mg/L	0.001555	0.3	4335.30	0.530148 mg/L	Y 371.029
K 766.491	6.14103	mg/L	0.027905	0.5	327459	6.14103 mg/L	Y 371.029
K 769.897	5.83175	mg/L	0.024067	0.4	263212	5.83175 mg/L	Y 371.029
Li 610.365	1.03449	mg/L	0.009559	0.9	33861.4	1.03449 mg/L	Y 371.029
Li 670.783	1.05996	mg/L	0.002576	0.2	2352530	1.05996 mg/L	Y 371.029
Mg 279.078	5.00712	mg/L	0.023166	0.5	4992.44	5.00712 mg/L	Y 371.029
Mg 280.270	5.01801	mg/L	0.019432	0.4	350329	5.01801 mg/L	Y 371.029
Mg 285.213	5.41537	mg/L	0.052504	1.0	144296	5.41537 mg/L	Y 371.029
Mn 257.610	0.476284	mg/L	0.002482	0.5	52143.0	0.476284 mg/L	Y 371.029
Mn 259.372	0.478345	mg/L	0.002315	0.5	39790.7	0.478345 mg/L	Y 371.029
Mn 260.568	0.486702	mg/L	0.001461	0.3	6996.02	0.486702 mg/L	Y 371.029
Mo 202.032	0.958407	mg/L	0.022379	2.3	2566.53	0.958407 mg/L	Y 371.029
Mo 203.846	0.947384	mg/L	0.023401	2.5	1072.46	0.947384 mg/L	Y 371.029
Mo 204.598	0.970140	mg/L	0.021979	2.3	1256.80	0.970140 mg/L	Y 371.029
Na 568.821	5.10742	mg/L	0.053401	1.0	1143.33	5.10742 mg/L	Y 371.029
Na 588.995	6.11769	mg/L	0.017096	0.3	2519778	6.11769 mg/L	Y 371.029
Na 589.592	5.63300	mg/L	0.019483	0.3	1256777	5.63300 mg/L	Y 371.029
Ni 216.555	0.957134	mg/L	0.005688	0.6	2813.19	0.957134 mg/L	Y 371.029
Ni 221.648	0.950773	mg/L	0.005368	0.6	1133.61	0.950773 mg/L	Y 371.029
Ni 231.604	0.962459	mg/L	0.003013	0.3	2037.10	0.962459 mg/L	Y 371.029
P 177.434	0.479126	mg/L	0.011220	2.3	49.3697	0.479126 mg/L	Y 371.029
P 213.618	0.495655	mg/L	0.006407	1.3	180.347	0.495655 mg/L	Y 371.029
P 214.914	0.487165	mg/L	0.022061	4.5	51.4404	0.487165 mg/L	Y 371.029
Pb 220.353	0.949750	mg/L	0.005607	0.6	623.771	0.949750 mg/L	Y 371.029
Pb 261.417	1.00877	mg/L	0.003073	0.3	417.598	1.00877 mg/L	Y 371.029
Pb 405.781	1.03265	mg/L	0.001130	0.1	1227.05	1.03265 mg/L	Y 371.029
Sb 206.834	0.946063	mg/L	0.003207	0.3	442.594	0.946063 mg/L	Y 371.029
Sb 231.146	0.960446	mg/L	0.008078	0.8	373.904	0.960446 mg/L	Y 371.029
Sb 259.804	1.00579	mg/L	0.017395	1.7	288.738	1.00579 mg/L	Y 371.029
Se 196.026	0.928355	mg/L	0.045632	4.9	165.076	0.928355 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.050548	5.4	98.3480	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.006624	0.6	1107.13	uncal mg/L	Y 371.029
Si 251.611	1.08179	mg/L	0.009172	0.8	1230.16	1.08179 mg/L	Y 371.029
Si 288.158	1.05101	mg/L	0.004660	0.4	7019.40	1.05101 mg/L	Y 371.029
Sn 189.927	0.956340	mg/L	0.012506	1.3	171.709	0.956340 mg/L	Y 371.029
Sn 283.998	0.985366	mg/L	0.005564	0.6	1452.36	0.985366 mg/L	Y 371.029
Sr 216.596	0.469250	mg/L	0.003904	0.8	2247.45	0.469250 mg/L	Y 371.029
Sr 407.771	0.493587	mg/L	0.001413	0.3	1334973	0.493587 mg/L	Y 371.029
Sr 421.552	0.500510	mg/L	0.000795	0.2	878596	0.500510 mg/L	Y 371.029
Ti 334.941	0.491092	mg/L	0.002564	0.5	98634.0	0.491092 mg/L	Y 371.029
Ti 336.122	0.496802	mg/L	0.002480	0.5	41939.8	0.496802 mg/L	Y 371.029
Ti 337.280	0.494876	mg/L	0.002329	0.5	14188.1	0.494876 mg/L	Y 371.029
Tl 190.794	0.479308	mg/L	0.003155	0.7	114.848	0.479308 mg/L	Y 371.029
Tl 190.807	0.478581	mg/L	0.006196	1.3	59.0286	0.478581 mg/L	Y 371.029
Tl 351.923	0.520387	mg/L	0.001590	0.3	743.370	0.520387 mg/L	Y 371.029
V 268.796	0.491435	mg/L	0.004347	0.9	4083.70	0.491435 mg/L	Y 371.029
V 292.401	0.487841	mg/L	0.002619	0.5	11906.2	0.487841 mg/L	Y 371.029
V 311.837	0.495199	mg/L	0.001215	0.2	17504.1	0.495199 mg/L	Y 371.029
Zn 202.548	0.451418	mg/L	0.005307	1.2	1955.67	0.451418 mg/L	Y 371.029
Zn 206.200	0.453299	mg/L	0.003494	0.8	655.886	0.453299 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.497579	mg/L	0.003429	0.7	6225.07	0.497579 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.748451	6001.66	31.124	0.5
Y 371.029	0.931176	153557	1214.814	0.8

SEQ-CCBE (Samp) **3/30/2011, 11:49:16 AM** **Rack 4, Tube 31**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000525	mg/L	0.000133	25.3	117.631	0.000525 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000546	55.4	1.02501	uncal mg/L	Y 371.029
Al 237.312	-0.000741uv	mg/L	0.000675	91.2	41.4890	-0.000741 mg/L	Y 371.029
Al 257.509	0.007482	mg/L	0.001144	15.3	18.3818	0.007482 mg/L	Y 371.029
Al 308.215	0.187032	mg/L	0.001572	0.8	1849.06	0.187032 mg/L	Y 371.029
As 188.980	0.011202	mg/L	0.003460	30.9	5.07010	0.011202 mg/L	Y 371.029
As 193.696	0.005926	mg/L	0.000873	14.7	3.67451	0.005926 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002410	208.0	6.79585	uncal mg/L	Y 371.029
B 182.577	0.003729	mg/L	0.001341	36.0	4.57414	0.003729 mg/L	Y 371.029
B 249.678	0.006133	mg/L	0.001410	23.0	65.0971	0.006133 mg/L	Y 371.029
B 249.772	0.005631	mg/L	0.001263	22.4	115.258	0.005631 mg/L	Y 371.029
Ba 233.527	-0.000199uv	mg/L	0.000050	25.0	126.151	-0.000199 mg/L	Y 371.029
Ba 455.403	-0.000016uv	mg/L	0.000024	156.3	4548.61	-0.000016 mg/L	Y 371.029
Ba 493.408	-0.000025uv	mg/L	0.000007	27.9	2940.47	-0.000025 mg/L	Y 371.029
Be 234.861	0.000008uv	mg/L	0.000008	101.8	-0.629272	0.000008 mg/L	Y 371.029
Be 313.042	0.000095	mg/L	0.000007	7.0	898.548	0.000095 mg/L	Y 371.029
Be 313.107	0.000021	mg/L	0.000005	21.7	-6.89311	0.000021 mg/L	Y 371.029
Ca 393.366	-0.000174nuv	mg/L	0.000036	20.7	15715.7	-0.000174 mg/L	Y 371.029
Ca 396.847	-0.000246uv	mg/L	0.000019	7.6	26435.1	-0.000246 mg/L	Y 371.029
Ca 430.253	0.010588	mg/L	0.002154	20.3	408.911	0.010588 mg/L	Y 371.029
Cd 214.439	-0.000096uv	mg/L	0.000064	66.0	2.78697	-0.000096 mg/L	Y 371.029
Cd 226.502	0.000106	mg/L	0.000088	83.2	12.4470	0.000106 mg/L	Y 371.029
Cd 228.802	-0.000031uv	mg/L	0.000071	226.5	9.29642	-0.000031 mg/L	Y 371.029
Co 228.615	-0.000140uv	mg/L	0.000131	93.8	1.19512	-0.000140 mg/L	Y 371.029
Co 230.786	0.000542	mg/L	0.000287	53.0	5.32939	0.000542 mg/L	Y 371.029
Co 238.892	-0.000190uv	mg/L	0.000254	133.9	1.92669	-0.000190 mg/L	Y 371.029
Cr 205.560	-0.000077uv	mg/L	0.000521	674.5	2.47731	-0.000077 mg/L	Y 371.029
Cr 206.158	0.000743uv	mg/L	0.001001	134.7	2.30790	0.000743 mg/L	Y 371.029
Cr 267.716	-0.000232uv	mg/L	0.000133	57.6	9.63642	-0.000232 mg/L	Y 371.029
Cu 213.598	0.000123uv	mg/L	0.000240	194.8	0.477453	0.000123 mg/L	Y 371.029
Cu 324.754	0.004929	mg/L	0.000103	2.1	630.046	0.004929 mg/L	Y 371.029
Cu 327.395	-0.000065uv	mg/L	0.000125	193.2	12.9314	-0.000065 mg/L	Y 371.029
Fe 234.350	0.000609	mg/L	0.000254	41.7	21.4509	0.000609 mg/L	Y 371.029
Fe 238.204	-0.000361uv	mg/L	0.000144	39.8	17.6894	-0.000361 mg/L	Y 371.029
Fe 259.940	-0.001096uv	mg/L	0.000205	18.7	24.6391	-0.001096 mg/L	Y 371.029
Ga 287.423	-0.000932uv	mg/L	0.000687	73.7	4.32529	-0.000932 mg/L	Y 371.029
Ga 294.363	0.000692	mg/L	0.000290	41.9	9.86512	0.000692 mg/L	Y 371.029
Ga 417.204	-0.000324uv	mg/L	0.000679	209.1	46.2574	-0.000324 mg/L	Y 371.029
K 766.491	0.004898	mg/L	0.000113	2.3	1647.47	0.004898 mg/L	Y 371.029
K 769.897	0.007285	mg/L	0.000804	11.0	4927.03	0.007285 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.007468	mg/L	0.000101	1.3	61.9494	0.007468 mg/L	Y 371.029
Li 670.783	0.000531	mg/L	0.000028	5.3	37966.4	0.000531 mg/L	Y 371.029
Mg 279.078	0.003386	mg/L	0.001444	42.6	10.0397	0.003386 mg/L	Y 371.029
Mg 280.270	-0.000652uv	mg/L	0.000040	6.2	207.486	-0.000652 mg/L	Y 371.029
Mg 285.213	-0.000688uv	mg/L	0.000049	7.1	78.1092	-0.000688 mg/L	Y 371.029
Mn 257.610	0.000010uv	mg/L	0.000022	221.6	7.25654	0.000010 mg/L	Y 371.029
Mn 259.372	0.000020	mg/L	0.000003	15.9	22.7591	0.000020 mg/L	Y 371.029
Mn 260.568	-0.000011uv	mg/L	0.000041	363.1	2.62309	-0.000011 mg/L	Y 371.029
Mo 202.032	0.022061	mg/L	0.002739	12.4	61.4266	0.022061 mg/L	Y 371.029
Mo 203.846	0.022223	mg/L	0.002559	11.5	27.2227	0.022223 mg/L	Y 371.029
Mo 204.598	0.021543	mg/L	0.001983	9.2	29.7677	0.021543 mg/L	Y 371.029
Na 568.821	0.820267	mg/L	0.015243	1.9	30.1305	0.820267 mg/L	Y 371.029
Na 588.995	-0.221786uv	mg/L	0.001505	0.7	119190	-0.221786 mg/L	Y 371.029
Na 589.592	-0.425044uv	mg/L	0.000463	0.1	55291.3	-0.425044 mg/L	Y 371.029
Ni 216.555	-0.000278uv	mg/L	0.000240	86.4	1.12440	-0.000278 mg/L	Y 371.029
Ni 221.648	0.000586	mg/L	0.000430	73.3	2.30798	0.000586 mg/L	Y 371.029
Ni 231.604	-0.000038uv	mg/L	0.000558	1469.1	2.81659	-0.000038 mg/L	Y 371.029
P 177.434	-0.001280uv	mg/L	0.001252	97.8	1.96263	-0.001280 mg/L	Y 371.029
P 213.618	0.002019uv	mg/L	0.002445	121.1	2.22359	0.002019 mg/L	Y 371.029
P 214.914	0.009121	mg/L	0.004551	49.9	2.47821	0.009121 mg/L	Y 371.029
Pb 220.353	-0.000109uv	mg/L	0.002059	1887.9	2.70387	-0.000109 mg/L	Y 371.029
Pb 261.417	0.007529	mg/L	0.002785	37.0	3.17078	0.007529 mg/L	Y 371.029
Pb 405.781	-0.001398uv	mg/L	0.004989	356.8	37.0994	-0.001398 mg/L	Y 371.029
Sb 206.834	0.010632	mg/L	0.001483	13.9	8.71603	0.010632 mg/L	Y 371.029
Sb 231.146	0.015332	mg/L	0.003127	20.4	8.94143	0.015332 mg/L	Y 371.029
Sb 259.804	0.016172	mg/L	0.003821	23.6	7.57784	0.016172 mg/L	Y 371.029
Se 196.026	0.041532	mg/L	0.006960	16.8	9.42524	0.041532 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.007859	22.2	4.15258	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.001890	42.4	98.0524	uncal mg/L	Y 371.029
Si 251.611	0.029082	mg/L	0.001166	4.0	106.207	0.029082 mg/L	Y 371.029
Si 288.158	0.061824	mg/L	0.000916	1.5	1344.41	0.061824 mg/L	Y 371.029
Sn 189.927	-0.000270uv	mg/L	0.003983	1476.7	2.12056	-0.000270 mg/L	Y 371.029
Sn 283.998	0.001729	mg/L	0.001043	60.3	4.72511	0.001729 mg/L	Y 371.029
Sr 216.596	0.000346uv	mg/L	0.000318	91.9	10.7128	0.000346 mg/L	Y 371.029
Sr 407.771	-0.000003uv	mg/L	0.000009	261.8	5602.96	-0.000003 mg/L	Y 371.029
Sr 421.552	0.000008uv	mg/L	0.000012	151.7	3617.52	0.000008 mg/L	Y 371.029
Ti 334.941	0.000799	mg/L	0.000173	21.7	209.107	0.000799 mg/L	Y 371.029
Ti 336.122	0.000739	mg/L	0.000140	18.9	79.0900	0.000739 mg/L	Y 371.029
Ti 337.280	0.001054	mg/L	0.000147	14.0	32.6183	0.001054 mg/L	Y 371.029
Tl 190.794	0.002700	mg/L	0.001577	58.4	1.94755	0.002700 mg/L	Y 371.029
Tl 190.807	-0.001604uv	mg/L	0.005602	349.3	0.913701	-0.001604 mg/L	Y 371.029
Tl 351.923	0.001872uv	mg/L	0.001792	95.7	7.70506	0.001872 mg/L	Y 371.029
V 268.796	0.001009	mg/L	0.000410	40.6	38.9662	0.001009 mg/L	Y 371.029
V 292.401	-0.000209uv	mg/L	0.000082	38.9	9.69300	-0.000209 mg/L	Y 371.029
V 311.837	0.000519	mg/L	0.000045	8.6	2.38081	0.000519 mg/L	Y 371.029
Zn 202.548	-0.006647uv	mg/L	0.000436	6.6	239.375	-0.006647 mg/L	Y 371.029
Zn 206.200	-0.005492uv	mg/L	0.000795	14.5	82.4825	-0.005492 mg/L	Y 371.029
Zn 213.857	-0.000959uv	mg/L	0.000316	33.0	760.163	-0.000959 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.747091	5990.76	13.334	0.2
Y 371.029	0.938054	154692	478.894	0.3

11C1536-06 (Samp) **3/30/2011, 11:59:11 AM** **Rack 4, Tube 32**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000791	mg/L	0.000219	27.7	130.346	0.007910 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000577	71.0	0.666645	uncal mg/L	Y 371.029
Al 237.312	0.002419	mg/L	0.000739	30.6	45.1161	0.024188 mg/L	Y 371.029
Al 257.509	0.008906	mg/L	0.003283	36.9	19.3807	0.089059 mg/L	Y 371.029
Al 308.215	0.195781	mg/L	0.001032	0.5	1879.93	1.95781 mg/L	Y 371.029
As 188.980	0.006846	mg/L	0.001718	25.1	3.97414	0.068455 mg/L	Y 371.029
As 193.696	0.000099uv	mg/L	0.004692	4748.2	2.17047	0.000988 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002022	518.5	7.13905	uncal mg/L	Y 371.029
B 182.577	1.40756	mg/L	0.002140	0.2	490.703	14.0756 mg/L	Y 371.029
B 249.678	0.003456	mg/L	0.000195	5.6	46.5204	0.034556 mg/L	Y 371.029
B 249.772	0.003564	mg/L	0.000109	3.1	87.3729	0.035637 mg/L	Y 371.029
Ba 233.527	0.000061	mg/L	0.000052	86.6	133.905	0.000605 mg/L	Y 371.029
Ba 455.403	0.000346	mg/L	0.000007	2.0	4890.80	0.003456 mg/L	Y 371.029
Ba 493.408	0.000349	mg/L	0.000002	0.5	3170.60	0.003491 mg/L	Y 371.029
Be 234.861	0.000021	mg/L	0.000001	7.0	0.251891	0.000209 mg/L	Y 371.029
Be 313.042	0.000094	mg/L	0.000010	10.9	896.849	0.000944 mg/L	Y 371.029
Be 313.107	0.000022	mg/L	0.000002	9.2	-6.62092	0.000223 mg/L	Y 371.029
Ca 393.366	0.130868n	mg/L	0.000235	0.2	161209	1.30868 mg/L	Y 371.029
Ca 396.847	0.117266	mg/L	0.000201	0.2	270789	1.17266 mg/L	Y 371.029
Ca 430.253	0.148098	mg/L	0.003302	2.2	881.137	1.48098 mg/L	Y 371.029
Cd 214.439	0.000126	mg/L	0.000060	48.1	4.82462	0.001257 mg/L	Y 371.029
Cd 226.502	-0.000101uv	mg/L	0.000130	128.7	8.55342	-0.001008 mg/L	Y 371.029
Cd 228.802	0.000032	mg/L	0.000051	158.2	10.2813	0.000323 mg/L	Y 371.029
Co 228.615	-0.000120uv	mg/L	0.000219	182.2	1.43772	-0.001201 mg/L	Y 371.029
Co 230.786	0.000372	mg/L	0.000377	101.4	4.96400	0.003721 mg/L	Y 371.029
Co 238.892	-0.000351uv	mg/L	0.000169	48.0	1.39741	-0.003514 mg/L	Y 371.029
Cr 205.560	0.003418	mg/L	0.000299	8.8	12.3285	0.034180 mg/L	Y 371.029
Cr 206.158	0.003446	mg/L	0.000254	7.4	5.46812	0.034457 mg/L	Y 371.029
Cr 267.716	0.003719	mg/L	0.000163	4.4	70.9138	0.037192 mg/L	Y 371.029
Cu 213.598	1.90850	mg/L	0.005814	0.3	3770.83	19.0850 mg/L	Y 371.029
Cu 324.754	2.14345	mg/L	0.019149	0.9	67769.1	21.4345 mg/L	Y 371.029
Cu 327.395	2.09627	mg/L	0.030125	1.4	89043.6	20.9627 mg/L	Y 371.029
Fe 234.350	0.115900	mg/L	0.000505	0.4	747.196	1.15900 mg/L	Y 371.029
Fe 238.204	0.089886	mg/L	0.000605	0.7	1533.62	0.898857 mg/L	Y 371.029
Fe 259.940	0.104446	mg/L	0.000373	0.4	1423.90	1.04446 mg/L	Y 371.029
Ga 287.423	0.001938	mg/L	0.001463	75.5	10.9446	0.019376 mg/L	Y 371.029
Ga 294.363	0.001011uv	mg/L	0.001094	108.2	10.6047	0.010105 mg/L	Y 371.029
Ga 417.204	0.000772uv	mg/L	0.000780	101.0	54.6208	0.007718 mg/L	Y 371.029
K 766.491	0.098465	mg/L	0.000316	0.3	6627.74	0.984652 mg/L	Y 371.029
K 769.897	0.094102	mg/L	0.000525	0.6	8790.93	0.941015 mg/L	Y 371.029
Li 610.365	0.007304	mg/L	0.000065	0.9	56.5604	0.073041 mg/L	Y 371.029
Li 670.783	0.000765	mg/L	0.000005	0.7	38654.8	0.007651 mg/L	Y 371.029
Mg 279.078	0.020760	mg/L	0.003126	15.1	27.4571	0.207597 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	uncal	mg/L	0.016750	64.2	2.99971	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.010040	1.1	951.958	uncal mg/L	Y 371.029
Si 251.611	0.911641	mg/L	0.011093	1.2	1048.54	4.55821 mg/L	Y 371.029
Si 288.158	0.908166	mg/L	0.006547	0.7	6244.54	4.54083 mg/L	Y 371.029
Sn 189.927	-0.000207uv	mg/L	0.003889	1880.1	2.15063	-0.001034 mg/L	Y 371.029
Sn 283.998	-0.001033	mg/L	0.000505	48.9	3.27974	-0.005165 mg/L	Y 371.029
Sr 216.596	0.086042	mg/L	0.000887	1.0	420.493	0.430211 mg/L	Y 371.029
Sr 407.771	0.091314	mg/L	0.000579	0.6	252149	0.456568 mg/L	Y 371.029
Sr 421.552	0.093206	mg/L	0.000205	0.2	166943	0.466028 mg/L	Y 371.029
Ti 334.941	0.000683	mg/L	0.000201	29.4	192.093	0.003415 mg/L	Y 371.029
Ti 336.122	0.000556	mg/L	0.000141	25.4	64.4385	0.002778 mg/L	Y 371.029
Ti 337.280	0.001026	mg/L	0.000324	31.6	35.2456	0.005128 mg/L	Y 371.029
Tl 190.794	0.005378	mg/L	0.003547	66.0	2.44950	0.026892 mg/L	Y 371.029
Tl 190.807	0.005896	mg/L	0.001700	28.8	1.78657	0.029479 mg/L	Y 371.029
Tl 351.923	0.002510	mg/L	0.002119	84.4	8.25747	0.012552 mg/L	Y 371.029
V 268.796	-0.000681	mg/L	0.000205	30.0	28.5555	-0.003405 mg/L	Y 371.029
V 292.401	-0.000080uv	mg/L	0.000182	228.3	14.2690	-0.000398 mg/L	Y 371.029
V 311.837	0.000529	mg/L	0.000012	2.3	4.02578	0.002647 mg/L	Y 371.029
Zn 202.548	-0.001485	mg/L	0.000575	38.7	268.327	-0.007424 mg/L	Y 371.029
Zn 206.200	-0.000062	mg/L	0.000590	950.5	92.6368	-0.000311 mg/L	Y 371.029
Zn 213.857	0.005194	mg/L	0.001004	19.3	856.361	0.025968 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.755003	6054.21	22.899	0.4
Y 371.029	0.941214	155213	874.699	0.6

11C1255-33 (Samp) **3/30/2011, 12:27:25 PM** **Rack 4, Tube 39**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000596	mg/L	0.000051	8.5	123.624	0.005960 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000457	109.1	-0.463365	uncal mg/L	Y 371.029
Al 237.312	-0.001689uv	mg/L	0.005179	306.7	38.8925	-0.016888 mg/L	Y 371.029
Al 257.509	0.011545	mg/L	0.004327	37.5	20.5465	0.115455 mg/L	Y 371.029
Al 308.215	0.188009	mg/L	0.000982	0.5	1846.69	1.88009 mg/L	Y 371.029
As 188.980	0.006957	mg/L	0.000731	10.5	4.16776	0.069566 mg/L	Y 371.029
As 193.696	0.003316uv	mg/L	0.004492	135.4	3.00301	0.033164 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002476	169.0	6.46085	uncal mg/L	Y 371.029
B 182.577	0.003514	mg/L	0.002286	65.0	4.53726	0.035144 mg/L	Y 371.029
B 249.678	0.002608	mg/L	0.000200	7.7	40.3373	0.026080 mg/L	Y 371.029
B 249.772	0.002263	mg/L	0.000208	9.2	106.718	0.022627 mg/L	Y 371.029
Ba 233.527	0.004848	mg/L	0.000047	1.0	270.869	0.048479 mg/L	Y 371.029
Ba 455.403	0.005312	mg/L	0.000009	0.2	9693.85	0.053117 mg/L	Y 371.029
Ba 493.408	0.005368	mg/L	0.000024	0.4	6286.95	0.053684 mg/L	Y 371.029
Be 234.861	0.000247	mg/L	0.000033	13.4	6.69162	0.002473 mg/L	Y 371.029
Be 313.042	0.000064	mg/L	0.000009	14.3	859.847	0.000644 mg/L	Y 371.029
Be 313.107	0.000025	mg/L	0.000005	21.4	-4.12238	0.000249 mg/L	Y 371.029
Ca 393.366	1.26929n	mg/L	0.001748	0.1	1421892	12.6929 mg/L	Y 371.029
Ca 396.847	1.15104	mg/L	0.000709	0.1	2416401	11.5104 mg/L	Y 371.029
Ca 430.253	1.20881	mg/L	0.000912	0.1	4511.19	12.0881 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	-0.000090uv	mg/L	0.000086	95.9	3.05482	-0.000900 mg/L	Y 371.029
Cd 226.502	0.000235	mg/L	0.000073	31.0	19.4013	0.002351 mg/L	Y 371.029
Cd 228.802	0.000055uv	mg/L	0.000102	184.1	9.90701	0.000555 mg/L	Y 371.029
Co 228.615	-0.001461uv	mg/L	0.000109	7.4	1.51928	-0.014613 mg/L	Y 371.029
Co 230.786	-0.001598uv	mg/L	0.000209	13.1	3.16940	-0.015985 mg/L	Y 371.029
Co 238.892	0.003087uv	mg/L	0.000099	3.2	0.594456	0.030871 mg/L	Y 371.029
Cr 205.560	-0.000563uv	mg/L	0.000182	32.4	2.56140	-0.005628 mg/L	Y 371.029
Cr 206.158	-0.000863uv	mg/L	0.000307	35.6	1.08437	-0.008635 mg/L	Y 371.029
Cr 267.716	-0.000690uv	mg/L	0.000074	10.8	10.4978	-0.006901 mg/L	Y 371.029
Cu 213.598	0.000676	mg/L	0.000542	80.1	4.92937	0.006759 mg/L	Y 371.029
Cu 324.754	0.004274	mg/L	0.000225	5.3	623.175	0.042737 mg/L	Y 371.029
Cu 327.395	-0.000831uv	mg/L	0.000103	12.5	13.1335	-0.008308 mg/L	Y 371.029
Fe 234.350	4.48410	mg/L	0.019156	0.4	28081.8	44.8410 mg/L	Y 371.029
Fe 238.204	3.47447	mg/L	0.011353	0.3	58156.9	34.7447 mg/L	Y 371.029
Fe 259.940	4.04393	mg/L	0.006313	0.2	53567.0	40.4393 mg/L	Y 371.029
Ga 287.423	0.007408	mg/L	0.002520	34.0	65.8672	0.074076 mg/L	Y 371.029
Ga 294.363	0.000455	mg/L	0.000556	122.1	10.7572	0.004550 mg/L	Y 371.029
Ga 417.204	-0.000025uv	mg/L	0.001022	4052.1	56.0510	-0.000252 mg/L	Y 371.029
K 766.491	0.102969	mg/L	0.000445	0.4	6870.80	1.02969 mg/L	Y 371.029
K 769.897	0.100498	mg/L	0.000156	0.2	9084.97	1.00498 mg/L	Y 371.029
Li 610.365	0.007613	mg/L	0.000124	1.6	66.7147	0.076127 mg/L	Y 371.029
Li 670.783	0.001024	mg/L	0.000020	2.0	39178.6	0.010238 mg/L	Y 371.029
Mg 279.078	0.717453	mg/L	0.002798	0.4	721.796	7.17453 mg/L	Y 371.029
Mg 280.270	0.730053	mg/L	0.005180	0.7	51182.7	7.30053 mg/L	Y 371.029
Mg 285.213	0.773921	mg/L	0.005214	0.7	20704.6	7.73921 mg/L	Y 371.029
Mn 257.610	0.109511	mg/L	0.000119	0.1	11863.2	1.09511 mg/L	Y 371.029
Mn 259.372	0.109144	mg/L	0.000377	0.3	9404.14	1.09144 mg/L	Y 371.029
Mn 260.568	0.109729	mg/L	0.000260	0.2	1576.74	1.09729 mg/L	Y 371.029
Mo 202.032	0.004936	mg/L	0.000791	16.0	17.5437	0.049359 mg/L	Y 371.029
Mo 203.846	0.005826	mg/L	0.000865	14.8	9.74724	0.058259 mg/L	Y 371.029
Mo 204.598	0.004715	mg/L	0.001074	22.8	9.23256	0.047151 mg/L	Y 371.029
Na 568.821	2.60695	mg/L	0.018369	0.7	490.510	26.0695 mg/L	Y 371.029
Na 588.995	2.69612	mg/L	0.003735	0.1	1223518	26.9612 mg/L	Y 371.029
Na 589.592	2.29540	mg/L	0.004988	0.2	594473	22.9540 mg/L	Y 371.029
Ni 216.555	-0.002307	mg/L	0.000371	16.1	3.58409	-0.023075 mg/L	Y 371.029
Ni 221.648	-0.002303uv	mg/L	0.001054	45.8	2.09061	-0.023033 mg/L	Y 371.029
Ni 231.604	-0.002783uv	mg/L	0.000840	30.2	2.63445	-0.027827 mg/L	Y 371.029
P 177.434	0.006489	mg/L	0.004937	76.1	2.78231	0.064893 mg/L	Y 371.029
P 213.618	0.010792	mg/L	0.006088	56.4	5.56315	0.107921 mg/L	Y 371.029
P 214.914	0.016662	mg/L	0.000795	4.8	3.43758	0.166616 mg/L	Y 371.029
Pb 220.353	0.001267uv	mg/L	0.002421	191.0	3.62379	0.012672 mg/L	Y 371.029
Pb 261.417	0.005215	mg/L	0.003258	62.5	2.20897	0.052149 mg/L	Y 371.029
Pb 405.781	-0.003417uv	mg/L	0.002725	79.8	35.7937	-0.034166 mg/L	Y 371.029
Sb 206.834	0.012748	mg/L	0.001392	10.9	9.91564	0.127484 mg/L	Y 371.029
Sb 231.146	0.013144	mg/L	0.001890	14.4	8.10937	0.131443 mg/L	Y 371.029
Sb 259.804	-0.014967uv	mg/L	0.003013	20.1	2.08332	-0.149672 mg/L	Y 371.029
Se 196.026	0.021099	mg/L	0.004156	19.7	5.80767	0.210986 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.006359	25.1	3.07642	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.010770	0.6	1823.30	uncal mg/L	Y 371.029
Si 251.611	1.84212	mg/L	0.005462	0.3	2019.30	18.4212 mg/L	Y 371.029
Si 288.158	1.76429	mg/L	0.013219	0.7	11106.2	17.6429 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.006656uv	mg/L	0.004406	66.2	1.00839	-0.066560 mg/L	Y 371.029
Sn 283.998	0.000555uv	mg/L	0.000712	128.3	3.26112	0.005548 mg/L	Y 371.029
Sr 216.596	0.006465	mg/L	0.000143	2.2	43.2272	0.064646 mg/L	Y 371.029
Sr 407.771	0.007278	mg/L	0.000004	0.1	25259.0	0.072776 mg/L	Y 371.029
Sr 421.552	0.007372	mg/L	0.000014	0.2	16529.0	0.073724 mg/L	Y 371.029
Ti 334.941	0.000119	mg/L	0.000123	103.4	105.654	0.001189 mg/L	Y 371.029
Ti 336.122	0.000174	mg/L	0.000082	47.1	44.4608	0.001743 mg/L	Y 371.029
Ti 337.280	0.000481	mg/L	0.000130	27.0	20.8924	0.004812 mg/L	Y 371.029
Tl 190.794	0.001193	mg/L	0.001301	109.1	1.63865	0.011926 mg/L	Y 371.029
Tl 190.807	0.000495uv	mg/L	0.001675	338.5	1.13957	0.004948 mg/L	Y 371.029
Tl 351.923	0.002929uv	mg/L	0.005150	175.8	9.02651	0.029288 mg/L	Y 371.029
V 268.796	0.000067	mg/L	0.000277	413.8	25.4962	0.000669 mg/L	Y 371.029
V 292.401	-0.000453	mg/L	0.000075	16.5	17.0704	-0.004526 mg/L	Y 371.029
V 311.837	0.000056	mg/L	0.000028	50.8	2.01921	0.000561 mg/L	Y 371.029
Zn 202.548	-0.004874uv	mg/L	0.000574	11.8	247.513	-0.048742 mg/L	Y 371.029
Zn 206.200	-0.003540uv	mg/L	0.000571	16.1	85.3911	-0.035402 mg/L	Y 371.029
Zn 213.857	0.000840	mg/L	0.000790	94.0	786.683	0.008399 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.753788	6044.46	16.221	0.3
Y 371.029	0.938653	154790	208.472	0.1

1113232-DUP1 (Samp) **3/30/2011, 12:31:22 PM** **Rack 4, Tube 40**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000535	mg/L	0.000036	6.8	120.790	0.005350 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000087	43.3	-1.05739	uncal mg/L	Y 371.029
Al 237.312	0.001855uv	mg/L	0.001990	107.3	43.1353	0.018549 mg/L	Y 371.029
Al 257.509	0.011623	mg/L	0.002003	17.2	20.5895	0.116228 mg/L	Y 371.029
Al 308.215	0.189747	mg/L	0.001258	0.7	1855.86	1.89747 mg/L	Y 371.029
As 188.980	0.001471uv	mg/L	0.003062	208.1	3.02597	0.014711 mg/L	Y 371.029
As 193.696	0.000719uv	mg/L	0.004784	665.5	2.32619	0.007189 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002533	79.7	5.42842	uncal mg/L	Y 371.029
B 182.577	0.002449	mg/L	0.001302	53.2	4.16614	0.024485 mg/L	Y 371.029
B 249.678	0.001706	mg/L	0.000454	26.6	33.5736	0.017062 mg/L	Y 371.029
B 249.772	0.001441	mg/L	0.000186	12.9	92.7325	0.014413 mg/L	Y 371.029
Ba 233.527	0.004533	mg/L	0.000029	0.6	261.842	0.045328 mg/L	Y 371.029
Ba 455.403	0.005020	mg/L	0.000018	0.4	9411.82	0.050197 mg/L	Y 371.029
Ba 493.408	0.005092	mg/L	0.000007	0.1	6115.43	0.050922 mg/L	Y 371.029
Be 234.861	0.000163	mg/L	0.000006	3.6	0.463824	0.001629 mg/L	Y 371.029
Be 313.042	-0.000032uv	mg/L	0.000008	24.3	738.431	-0.000324 mg/L	Y 371.029
Be 313.107	0.000020	mg/L	0.000001	7.5	-7.49093	0.000195 mg/L	Y 371.029
Ca 393.366	1.20362n	mg/L	0.001358	0.1	1349142	12.0362 mg/L	Y 371.029
Ca 396.847	1.09124	mg/L	0.001165	0.1	2292246	10.9124 mg/L	Y 371.029
Ca 430.253	1.15086	mg/L	0.004802	0.4	4312.72	11.5086 mg/L	Y 371.029
Cd 214.439	-0.000106uv	mg/L	0.000110	103.2	2.89287	-0.001062 mg/L	Y 371.029
Cd 226.502	0.000211	mg/L	0.000098	46.7	18.6439	0.002107 mg/L	Y 371.029
Cd 228.802	0.000027uv	mg/L	0.000073	265.7	9.63856	0.000275 mg/L	Y 371.029
Co 228.615	-0.001372uv	mg/L	0.000123	9.0	1.55860	-0.013723 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	-0.001334	mg/L	0.000066	5.0	3.85682	-0.013340 mg/L	Y 371.029
Co 238.892	0.002855uv	mg/L	0.000215	7.5	0.524414	0.028545 mg/L	Y 371.029
Cr 205.560	-0.000693uv	mg/L	0.000168	24.3	2.11918	-0.006927 mg/L	Y 371.029
Cr 206.158	-0.000161	mg/L	0.000173	107.4	1.85700	-0.001614 mg/L	Y 371.029
Cr 267.716	-0.000632uv	mg/L	0.000087	13.7	10.9421	-0.006319 mg/L	Y 371.029
Cu 213.598	0.000230	mg/L	0.000659	286.7	3.83570	0.002298 mg/L	Y 371.029
Cu 324.754	0.004354	mg/L	0.000134	3.1	624.821	0.043536 mg/L	Y 371.029
Cu 327.395	-0.000851uv	mg/L	0.000163	19.2	10.3396	-0.008512 mg/L	Y 371.029
Fe 234.350	4.21750	mg/L	0.008200	0.2	26413.3	42.1750 mg/L	Y 371.029
Fe 238.204	3.28123	mg/L	0.010160	0.3	54923.9	32.8123 mg/L	Y 371.029
Fe 259.940	3.82901	mg/L	0.033634	0.9	50722.3	38.2901 mg/L	Y 371.029
Ga 287.423	0.005011	mg/L	0.001873	37.4	58.7593	0.050113 mg/L	Y 371.029
Ga 294.363	-0.000269uv	mg/L	0.000465	172.7	6.90271	-0.002690 mg/L	Y 371.029
Ga 417.204	0.000139	mg/L	0.000800	574.9	56.7969	0.001392 mg/L	Y 371.029
K 766.491	0.100171	mg/L	0.000371	0.4	6721.33	1.00171 mg/L	Y 371.029
K 769.897	0.097404	mg/L	0.000171	0.2	8946.52	0.974041 mg/L	Y 371.029
Li 610.365	0.007672	mg/L	0.000098	1.3	68.6784	0.076723 mg/L	Y 371.029
Li 670.783	0.000971	mg/L	0.000010	1.0	39055.9	0.009710 mg/L	Y 371.029
Mg 279.078	0.672750	mg/L	0.002834	0.4	677.241	6.72750 mg/L	Y 371.029
Mg 280.270	0.688517	mg/L	0.003333	0.5	48285.1	6.88517 mg/L	Y 371.029
Mg 285.213	0.731118	mg/L	0.008234	1.1	19564.8	7.31118 mg/L	Y 371.029
Mn 257.610	0.103345	mg/L	0.000223	0.2	11196.4	1.03345 mg/L	Y 371.029
Mn 259.372	0.103172	mg/L	0.000472	0.5	8887.72	1.03172 mg/L	Y 371.029
Mn 260.568	0.103780	mg/L	0.000140	0.1	1491.40	1.03780 mg/L	Y 371.029
Mo 202.032	0.003937	mg/L	0.000712	18.1	14.8491	0.039367 mg/L	Y 371.029
Mo 203.846	0.003057	mg/L	0.001069	35.0	6.60586	0.030567 mg/L	Y 371.029
Mo 204.598	0.002962	mg/L	0.000601	20.3	6.94276	0.029616 mg/L	Y 371.029
Na 568.821	2.54613	mg/L	0.052711	2.1	474.803	25.4613 mg/L	Y 371.029
Na 588.995	2.53164	mg/L	0.002688	0.1	1161268	25.3164 mg/L	Y 371.029
Na 589.592	2.13902	mg/L	0.002187	0.1	563478	21.3902 mg/L	Y 371.029
Ni 216.555	-0.002194	mg/L	0.000303	13.8	3.41867	-0.021937 mg/L	Y 371.029
Ni 221.648	-0.001548	mg/L	0.000403	26.1	2.79850	-0.015476 mg/L	Y 371.029
Ni 231.604	-0.002545uv	mg/L	0.000265	10.4	2.80315	-0.025446 mg/L	Y 371.029
P 177.434	0.014344	mg/L	0.001483	10.3	3.55307	0.143441 mg/L	Y 371.029
P 213.618	0.004764	mg/L	0.003158	66.3	3.41214	0.047638 mg/L	Y 371.029
P 214.914	0.021858	mg/L	0.005989	27.4	3.93541	0.218583 mg/L	Y 371.029
Pb 220.353	-0.001481uv	mg/L	0.000939	63.4	1.82587	-0.014814 mg/L	Y 371.029
Pb 261.417	0.004331	mg/L	0.001165	26.9	1.84702	0.043314 mg/L	Y 371.029
Pb 405.781	-0.004204uv	mg/L	0.007242	172.3	34.8358	-0.042035 mg/L	Y 371.029
Sb 206.834	0.007468	mg/L	0.000838	11.2	7.46561	0.074684 mg/L	Y 371.029
Sb 231.146	0.008465	mg/L	0.001347	15.9	6.31246	0.084647 mg/L	Y 371.029
Sb 259.804	-0.013050uv	mg/L	0.006626	50.8	2.42946	-0.130502 mg/L	Y 371.029
Se 196.026	0.020147	mg/L	0.002337	11.6	5.64272	0.201466 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.007690	27.6	3.33739	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.008234	0.5	1722.73	uncal mg/L	Y 371.029
Si 251.611	1.74092	mg/L	0.004216	0.2	1912.49	17.4092 mg/L	Y 371.029
Si 288.158	1.67201	mg/L	0.019566	1.2	10577.1	16.7201 mg/L	Y 371.029
Sn 189.927	-0.000591uv	mg/L	0.003356	567.5	2.08227	-0.005915 mg/L	Y 371.029
Sn 283.998	0.002113uv	mg/L	0.003240	153.3	5.46167	0.021131 mg/L	Y 371.029
Sr 216.596	0.006240	mg/L	0.000460	7.4	41.9567	0.062398 mg/L	Y 371.029
Sr 407.771	0.006824	mg/L	0.000036	0.5	24035.4	0.068242 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.006943	mg/L	0.000029	0.4	15775.8	0.069427 mg/L	Y 371.029
Ti 334.941	0.000057	mg/L	0.000067	116.8	91.4498	0.000574 mg/L	Y 371.029
Ti 336.122	0.000098	mg/L	0.000104	106.1	37.2940	0.000981 mg/L	Y 371.029
Ti 337.280	0.000331	mg/L	0.000038	11.5	16.3231	0.003310 mg/L	Y 371.029
Tl 190.794	0.003065	mg/L	0.002788	90.9	2.07813	0.030655 mg/L	Y 371.029
Tl 190.807	0.004470uv	mg/L	0.004071	91.1	1.61387	0.044703 mg/L	Y 371.029
Tl 351.923	0.001146	mg/L	0.000854	74.6	6.50867	0.011462 mg/L	Y 371.029
V 268.796	0.000038	mg/L	0.000170	446.1	23.2214	0.000381 mg/L	Y 371.029
V 292.401	-0.000391	mg/L	0.000055	14.0	17.7880	-0.003912 mg/L	Y 371.029
V 311.837	0.000223	mg/L	0.000081	36.2	6.99444	0.002230 mg/L	Y 371.029
Zn 202.548	-0.005428uv	mg/L	0.000251	4.6	245.374	-0.054284 mg/L	Y 371.029
Zn 206.200	-0.004515uv	mg/L	0.001155	25.6	84.1541	-0.045148 mg/L	Y 371.029
Zn 213.857	0.000450	mg/L	0.000419	93.0	782.112	0.004503 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.752623	6035.12	10.516	0.2
Y 371.029	0.939416	154916	420.147	0.3

1113232-PS1 (Samp) **3/30/2011, 12:35:17 PM** **Rack 4, Tube 41**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.531726	mg/L	0.000827	0.2	23594.9	5.31726 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000930	0.2	1379.87	uncal mg/L	Y 371.029
Al 237.312	5.12318	mg/L	0.014895	0.3	6047.38	51.2318 mg/L	Y 371.029
Al 257.509	5.17902	mg/L	0.012268	0.2	2715.00	51.7902 mg/L	Y 371.029
Al 308.215	5.54821	mg/L	0.010930	0.2	29259.6	55.4821 mg/L	Y 371.029
As 188.980	0.948685	mg/L	0.006699	0.7	199.823	9.48685 mg/L	Y 371.029
As 193.696	0.949384	mg/L	0.002915	0.3	249.292	9.49384 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.039333	1.5	2364.38	uncal mg/L	Y 371.029
B 182.577	0.991366	mg/L	0.009762	1.0	346.945	9.91366 mg/L	Y 371.029
B 249.678	1.02623	mg/L	0.013328	1.3	7649.85	10.2623 mg/L	Y 371.029
B 249.772	0.990623	mg/L	0.020630	2.1	14183.4	9.90623 mg/L	Y 371.029
Ba 233.527	0.977877	mg/L	0.002509	0.3	27893.3	9.77877 mg/L	Y 371.029
Ba 455.403	1.02006	mg/L	0.002594	0.3	987524	10.2006 mg/L	Y 371.029
Ba 493.408	1.02318	mg/L	0.000937	0.1	633569	10.2318 mg/L	Y 371.029
Be 234.861	1.05433	mg/L	0.000469	0.0	87048.3	10.5433 mg/L	Y 371.029
Be 313.042	0.991335	mg/L	0.008297	0.8	1245654	9.91335 mg/L	Y 371.029
Be 313.107	0.994974	mg/L	0.007149	0.7	616987	9.94974 mg/L	Y 371.029
Ca 393.366	9.95438n	mg/L	0.015957	0.2	11043883	99.5438 mg/L	Y 371.029
Ca 396.847	9.86252	mg/L	0.004954	0.1	20503918	98.6253 mg/L	Y 371.029
Ca 430.253	11.5222	mg/L	0.027574	0.2	39768.8	115.222 mg/L	Y 371.029
Cd 214.439	0.930071	mg/L	0.012544	1.3	8555.60	9.30071 mg/L	Y 371.029
Cd 226.502	0.945388	mg/L	0.002803	0.3	19625.0	9.45388 mg/L	Y 371.029
Cd 228.802	0.991350	mg/L	0.007397	0.7	10012.1	9.91350 mg/L	Y 371.029
Co 228.615	0.958616	mg/L	0.003033	0.3	5514.15	9.58616 mg/L	Y 371.029
Co 230.786	0.962107	mg/L	0.003439	0.4	3952.50	9.62107 mg/L	Y 371.029
Co 238.892	0.939220	mg/L	0.002701	0.3	3729.60	9.39220 mg/L	Y 371.029
Cr 205.560	0.966004	mg/L	0.003510	0.4	2685.26	9.66004 mg/L	Y 371.029
Cr 206.158	0.977034	mg/L	0.006432	0.7	1129.94	9.77034 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.967405	mg/L	0.002040	0.2	14969.2	9.67405 mg/L	Y 371.029
Cu 213.598	0.945541	mg/L	0.003987	0.4	1879.81	9.45541 mg/L	Y 371.029
Cu 324.754	1.04751	mg/L	0.003429	0.3	33336.4	10.4751 mg/L	Y 371.029
Cu 327.395	1.05339	mg/L	0.004929	0.5	44826.4	10.5339 mg/L	Y 371.029
Fe 234.350	9.17197	mg/L	0.033453	0.4	57636.2	91.7197 mg/L	Y 371.029
Fe 238.204	7.03615	mg/L	0.024696	0.4	118218	70.3615 mg/L	Y 371.029
Fe 259.940	8.13455	mg/L	0.020008	0.2	108055	81.3455 mg/L	Y 371.029
Ga 287.423	1.08585	mg/L	0.005125	0.5	2099.22	10.8585 mg/L	Y 371.029
Ga 294.363	1.04298	mg/L	0.003464	0.3	5404.25	10.4298 mg/L	Y 371.029
Ga 417.204	1.04756	mg/L	0.001535	0.1	8541.89	10.4756 mg/L	Y 371.029
K 766.491	11.8106	mg/L	0.022893	0.2	628507	118.106 mg/L	Y 371.029
K 769.897	11.5568	mg/L	0.035572	0.3	517063	115.568 mg/L	Y 371.029
Li 610.365	1.04265	mg/L	0.004314	0.4	34130.0	10.4265 mg/L	Y 371.029
Li 670.783	1.08064	mg/L	0.002384	0.2	2398652	10.8064 mg/L	Y 371.029
Mg 279.078	10.7011	mg/L	0.011547	0.1	10663.7	107.011 mg/L	Y 371.029
Mg 280.270	10.2580	mg/L	0.084832	0.8	715900	102.580 mg/L	Y 371.029
Mg 285.213	11.7399	mg/L	0.107800	0.9	312703	117.399 mg/L	Y 371.029
Mn 257.610	1.05214	mg/L	0.002013	0.2	115076	10.5214 mg/L	Y 371.029
Mn 259.372	1.06198	mg/L	0.001260	0.1	88681.7	10.6198 mg/L	Y 371.029
Mn 260.568	1.08277	mg/L	0.006153	0.6	15561.0	10.8277 mg/L	Y 371.029
Mo 202.032	0.933625	mg/L	0.013883	1.5	2511.05	9.33624 mg/L	Y 371.029
Mo 203.846	0.930444	mg/L	0.020202	2.2	1058.45	9.30444 mg/L	Y 371.029
Mo 204.598	0.950122	mg/L	0.017018	1.8	1236.87	9.50122 mg/L	Y 371.029
Na 568.821	12.1746	mg/L	0.024737	0.2	2968.17	121.746 mg/L	Y 371.029
Na 588.995	13.7709	mg/L	0.022665	0.2	5417379	137.709 mg/L	Y 371.029
Na 589.592	14.5022	mg/L	0.015807	0.1	3015352	145.022 mg/L	Y 371.029
Ni 216.555	0.957873	mg/L	0.006992	0.7	2832.58	9.57873 mg/L	Y 371.029
Ni 221.648	0.948570	mg/L	0.002277	0.2	1137.55	9.48570 mg/L	Y 371.029
Ni 231.604	0.966933	mg/L	0.005867	0.6	2058.26	9.66933 mg/L	Y 371.029
P 177.434	0.979031	mg/L	0.009728	1.0	98.7882	9.79031 mg/L	Y 371.029
P 213.618	1.00955	mg/L	0.006380	0.6	365.807	10.0955 mg/L	Y 371.029
P 214.914	0.995168	mg/L	0.012273	1.2	103.157	9.95168 mg/L	Y 371.029
Pb 220.353	0.955998	mg/L	0.002711	0.3	627.937	9.55998 mg/L	Y 371.029
Pb 261.417	0.683017	mg/L	0.006942	1.0	282.120	6.83017 mg/L	Y 371.029
Pb 405.781	1.01804	mg/L	0.004097	0.4	1215.01	10.1804 mg/L	Y 371.029
Sb 206.834	0.681893	mg/L	0.011773	1.7	322.524	6.81893 mg/L	Y 371.029
Sb 231.146	0.728594	mg/L	0.012226	1.7	287.041	7.28594 mg/L	Y 371.029
Sb 259.804	0.444126	mg/L	0.015529	3.5	136.397	4.44126 mg/L	Y 371.029
Se 196.026	0.941177	mg/L	0.047733	5.1	167.391	9.41177 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.042650	4.5	102.551	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.021062	0.7	2900.28	uncal mg/L	Y 371.029
Si 251.611	2.95561	mg/L	0.019593	0.7	3214.18	29.5561 mg/L	Y 371.029
Si 288.158	2.79448	mg/L	0.026005	0.9	17026.8	27.9448 mg/L	Y 371.029
Sn 189.927	0.954538	mg/L	0.004173	0.4	171.478	9.54538 mg/L	Y 371.029
Sn 283.998	0.966021	mg/L	0.003970	0.4	1732.91	9.66021 mg/L	Y 371.029
Sr 216.596	0.993379	mg/L	0.001391	0.1	4754.07	9.93379 mg/L	Y 371.029
Sr 407.771	1.03614	mg/L	0.014569	1.4	2796231	10.3614 mg/L	Y 371.029
Sr 421.552	1.05839	mg/L	0.004670	0.4	1853900	10.5839 mg/L	Y 371.029
Ti 334.941	0.984813	mg/L	0.002302	0.2	197811	9.84813 mg/L	Y 371.029
Ti 336.122	0.982612	mg/L	0.003107	0.3	82956.6	9.82612 mg/L	Y 371.029
Ti 337.280	0.993876	mg/L	0.001064	0.1	28498.3	9.93876 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.968623	mg/L	0.007850	0.8	230.858	9.68623 mg/L	Y 371.029
Tl 190.807	0.964066	mg/L	0.006447	0.7	116.901	9.64066 mg/L	Y 371.029
Tl 351.923	1.05794	mg/L	0.000154	0.0	1505.49	10.5794 mg/L	Y 371.029
V 268.796	0.963492	mg/L	0.005165	0.5	7369.89	9.63492 mg/L	Y 371.029
V 292.401	0.988415	mg/L	0.003472	0.4	24133.5	9.88415 mg/L	Y 371.029
V 311.837	0.991373	mg/L	0.002456	0.2	35087.6	9.91373 mg/L	Y 371.029
Zn 202.548	0.916539	mg/L	0.003012	0.3	3699.63	9.16539 mg/L	Y 371.029
Zn 206.200	0.925059	mg/L	0.004285	0.5	1245.71	9.25059 mg/L	Y 371.029
Zn 213.857	0.993031	mg/L	0.011314	1.1	11631.3	9.93031 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.756513	6066.31	27.920	0.5
Y 371.029	0.945327	155891	569.537	0.4

SEQ-CCVF (Samp) **3/30/2011, 12:39:22 PM** **Rack 4, Tube 42**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.101223	mg/L	0.000141	0.1	4567.56	0.101223 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001578	1.6	263.098	uncal mg/L	Y 371.029
Al 237.312	2.53620	mg/L	0.007624	0.3	3016.88	2.53620 mg/L	Y 371.029
Al 257.509	2.51762	mg/L	0.004462	0.2	1327.00	2.51762 mg/L	Y 371.029
Al 308.215	2.77851	mg/L	0.003347	0.1	15118.5	2.77851 mg/L	Y 371.029
As 188.980	0.480967	mg/L	0.004025	0.8	102.646	0.480967 mg/L	Y 371.029
As 193.696	0.473755	mg/L	0.003089	0.7	125.404	0.473755 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007898	1.1	623.064	uncal mg/L	Y 371.029
B 182.577	0.491710	mg/L	0.005490	1.1	173.684	0.491710 mg/L	Y 371.029
B 249.678	0.508930	mg/L	0.004757	0.9	3801.51	0.508930 mg/L	Y 371.029
B 249.772	0.504123	mg/L	0.002993	0.6	7197.74	0.504123 mg/L	Y 371.029
Ba 233.527	0.474486	mg/L	0.003166	0.7	13601.3	0.474486 mg/L	Y 371.029
Ba 455.403	0.497190	mg/L	0.000865	0.2	483660	0.497190 mg/L	Y 371.029
Ba 493.408	0.512177	mg/L	0.001004	0.2	318604	0.512177 mg/L	Y 371.029
Be 234.861	0.522552	mg/L	0.001161	0.2	43154.5	0.522552 mg/L	Y 371.029
Be 313.042	0.485777	mg/L	0.002442	0.5	610797	0.485777 mg/L	Y 371.029
Be 313.107	0.486394	mg/L	0.002358	0.5	301605	0.486394 mg/L	Y 371.029
Ca 393.366	4.86641n	mg/L	0.008923	0.2	5406891	4.86641 mg/L	Y 371.029
Ca 396.847	4.55881	mg/L	0.007079	0.2	9492139	4.55881 mg/L	Y 371.029
Ca 430.253	5.07952	mg/L	0.003776	0.1	17734.4	5.07952 mg/L	Y 371.029
Cd 214.439	0.234817	mg/L	0.001115	0.5	2162.81	0.234817 mg/L	Y 371.029
Cd 226.502	0.236465	mg/L	0.000356	0.2	4915.28	0.236465 mg/L	Y 371.029
Cd 228.802	0.249933	mg/L	0.000596	0.2	2531.81	0.249933 mg/L	Y 371.029
Co 228.615	0.478865	mg/L	0.000494	0.1	2749.41	0.478865 mg/L	Y 371.029
Co 230.786	0.480817	mg/L	0.000491	0.1	1972.98	0.480817 mg/L	Y 371.029
Co 238.892	0.486619	mg/L	0.000341	0.1	1948.39	0.486619 mg/L	Y 371.029
Cr 205.560	0.478651	mg/L	0.001505	0.3	1330.63	0.478651 mg/L	Y 371.029
Cr 206.158	0.477911	mg/L	0.001360	0.3	552.851	0.477911 mg/L	Y 371.029
Cr 267.716	0.483845	mg/L	0.000590	0.1	7486.11	0.483845 mg/L	Y 371.029
Cu 213.598	0.471803	mg/L	0.001757	0.4	936.991	0.471803 mg/L	Y 371.029
Cu 324.754	0.516243	mg/L	0.002763	0.5	16657.3	0.516243 mg/L	Y 371.029
Cu 327.395	0.509788	mg/L	0.004034	0.8	21672.6	0.509788 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.468593	mg/L	0.001530	0.3	3079.54	0.468593 mg/L	Y 371.029
Fe 238.204	0.357126	mg/L	0.001497	0.4	6239.46	0.357126 mg/L	Y 371.029
Fe 259.940	0.415493	mg/L	0.002206	0.5	5710.49	0.415493 mg/L	Y 371.029
Ga 287.423	0.524845	mg/L	0.002380	0.5	976.806	0.524845 mg/L	Y 371.029
Ga 294.363	0.513460	mg/L	0.001451	0.3	2662.16	0.513460 mg/L	Y 371.029
Ga 417.204	0.521897	mg/L	0.001598	0.3	4271.90	0.521897 mg/L	Y 371.029
K 766.491	6.05447	mg/L	0.012585	0.2	322865	6.05447 mg/L	Y 371.029
K 769.897	5.75838	mg/L	0.015539	0.3	259961	5.75838 mg/L	Y 371.029
Li 610.365	1.02117	mg/L	0.001572	0.2	33423.0	1.02117 mg/L	Y 371.029
Li 670.783	1.05082	mg/L	0.001647	0.2	2332567	1.05082 mg/L	Y 371.029
Mg 279.078	4.98377	mg/L	0.010968	0.2	4969.16	4.98377 mg/L	Y 371.029
Mg 280.270	4.99202	mg/L	0.020289	0.4	348515	4.99202 mg/L	Y 371.029
Mg 285.213	5.38839	mg/L	0.030592	0.6	143577	5.38839 mg/L	Y 371.029
Mn 257.610	0.472925	mg/L	0.002570	0.5	51772.6	0.472925 mg/L	Y 371.029
Mn 259.372	0.476919	mg/L	0.002338	0.5	39690.6	0.476919 mg/L	Y 371.029
Mn 260.568	0.484481	mg/L	0.000739	0.2	6963.96	0.484481 mg/L	Y 371.029
Mo 202.032	1.00841	mg/L	0.016743	1.7	2699.58	1.00841 mg/L	Y 371.029
Mo 203.846	1.00411	mg/L	0.020405	2.0	1136.19	1.00411 mg/L	Y 371.029
Mo 204.598	1.02655	mg/L	0.021154	2.1	1329.37	1.02655 mg/L	Y 371.029
Na 568.821	5.01578	mg/L	0.016125	0.3	1119.91	5.01578 mg/L	Y 371.029
Na 588.995	6.05016	mg/L	0.012141	0.2	2494230	6.05016 mg/L	Y 371.029
Na 589.592	5.55795	mg/L	0.013312	0.2	1241910	5.55795 mg/L	Y 371.029
Ni 216.555	0.954705	mg/L	0.001406	0.1	2806.05	0.954705 mg/L	Y 371.029
Ni 221.648	0.945907	mg/L	0.001345	0.1	1127.82	0.945907 mg/L	Y 371.029
Ni 231.604	0.959080	mg/L	0.001153	0.1	2029.96	0.959080 mg/L	Y 371.029
P 177.434	0.473240	mg/L	0.012351	2.6	48.7899	0.473240 mg/L	Y 371.029
P 213.618	0.494268	mg/L	0.009612	1.9	179.884	0.494268 mg/L	Y 371.029
P 214.914	0.503950	mg/L	0.015496	3.1	53.1419	0.503950 mg/L	Y 371.029
Pb 220.353	0.942066	mg/L	0.002542	0.3	618.749	0.942066 mg/L	Y 371.029
Pb 261.417	1.00017	mg/L	0.004099	0.4	414.039	1.00017 mg/L	Y 371.029
Pb 405.781	1.01789	mg/L	0.003940	0.4	1210.21	1.01789 mg/L	Y 371.029
Sb 206.834	1.04752	mg/L	0.005026	0.5	489.462	1.04752 mg/L	Y 371.029
Sb 231.146	1.06133	mg/L	0.006174	0.6	412.619	1.06133 mg/L	Y 371.029
Sb 259.804	1.11862	mg/L	0.011603	1.0	320.704	1.11862 mg/L	Y 371.029
Se 196.026	0.963949	mg/L	0.035144	3.6	171.318	0.963949 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.035434	3.7	101.218	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.005837	0.6	1101.19	uncal mg/L	Y 371.029
Si 251.611	1.07645	mg/L	0.008610	0.8	1224.95	1.07645 mg/L	Y 371.029
Si 288.158	1.04397	mg/L	0.003701	0.4	6978.73	1.04397 mg/L	Y 371.029
Sn 189.927	0.955879	mg/L	0.006458	0.7	171.627	0.955879 mg/L	Y 371.029
Sn 283.998	0.971899	mg/L	0.002063	0.2	1435.61	0.971899 mg/L	Y 371.029
Sr 216.596	0.467819	mg/L	0.000690	0.1	2240.62	0.467819 mg/L	Y 371.029
Sr 407.771	0.486273	mg/L	0.000978	0.2	1315275	0.486273 mg/L	Y 371.029
Sr 421.552	0.498469	mg/L	0.001093	0.2	875027	0.498469 mg/L	Y 371.029
Ti 334.941	0.492298	mg/L	0.002007	0.4	98874.6	0.492298 mg/L	Y 371.029
Ti 336.122	0.496399	mg/L	0.002858	0.6	41905.4	0.496399 mg/L	Y 371.029
Ti 337.280	0.494904	mg/L	0.001678	0.3	14188.8	0.494904 mg/L	Y 371.029
Tl 190.794	0.474568	mg/L	0.006515	1.4	113.726	0.474568 mg/L	Y 371.029
Tl 190.807	0.467530	mg/L	0.009203	2.0	57.7581	0.467530 mg/L	Y 371.029
Tl 351.923	0.516924	mg/L	0.001667	0.3	738.449	0.516924 mg/L	Y 371.029
V 268.796	0.490541	mg/L	0.001448	0.3	4115.71	0.490541 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.484693	mg/L	0.001821	0.4	11829.4	0.484693 mg/L	Y 371.029
V 311.837	0.490155	mg/L	0.000673	0.1	17325.8	0.490155 mg/L	Y 371.029
Zn 202.548	0.450163	mg/L	0.001228	0.3	1951.02	0.450163 mg/L	Y 371.029
Zn 206.200	0.452993	mg/L	0.001426	0.3	655.505	0.452993 mg/L	Y 371.029
Zn 213.857	0.493396	mg/L	0.001024	0.2	6179.41	0.493396 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.753350	6040.95	9.022	0.1
Y 371.029	0.935695	154303	269.981	0.2

SEQ-CCBF (Samp) **3/30/2011, 12:43:21 PM** **Rack 4, Tube 43**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000543	mg/L	0.000095	17.5	118.422	0.000543 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000283	409.1	-1.43794	uncal mg/L	Y 371.029
Al 237.312	0.000785	mg/L	0.000390	49.6	43.2807	0.000785 mg/L	Y 371.029
Al 257.509	0.003246uv	mg/L	0.005582	172.0	16.1673	0.003246 mg/L	Y 371.029
Al 308.215	0.182817	mg/L	0.002754	1.5	1827.83	0.182817 mg/L	Y 371.029
As 188.980	0.011592	mg/L	0.004376	37.8	5.15088	0.011592 mg/L	Y 371.029
As 193.696	0.006712	mg/L	0.005600	83.4	3.87890	0.006712 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004130	458.9	8.11778	uncal mg/L	Y 371.029
B 182.577	0.007699	mg/L	0.004130	53.6	5.94856	0.007699 mg/L	Y 371.029
B 249.678	0.008426	mg/L	0.001733	20.6	82.0955	0.008426 mg/L	Y 371.029
B 249.772	0.008410	mg/L	0.001775	21.1	154.695	0.008410 mg/L	Y 371.029
Ba 233.527	-0.000155uv	mg/L	0.000024	15.7	127.405	-0.000155 mg/L	Y 371.029
Ba 455.403	-0.000029uv	mg/L	0.000011	39.3	4535.90	-0.000029 mg/L	Y 371.029
Ba 493.408	0.000007uv	mg/L	0.000023	315.5	2960.49	0.000007 mg/L	Y 371.029
Be 234.861	0.000002uv	mg/L	0.000003	138.3	-1.10872	0.000002 mg/L	Y 371.029
Be 313.042	0.000064	mg/L	0.000007	10.4	859.830	0.000064 mg/L	Y 371.029
Be 313.107	0.000024	mg/L	0.000002	9.6	-5.08808	0.000024 mg/L	Y 371.029
Ca 393.366	-0.000250nuv	mg/L	0.000039	15.7	15630.4	-0.000250 mg/L	Y 371.029
Ca 396.847	-0.000262uv	mg/L	0.000020	7.6	26403.7	-0.000262 mg/L	Y 371.029
Ca 430.253	0.006111	mg/L	0.002186	35.8	393.620	0.006111 mg/L	Y 371.029
Cd 214.439	-0.000138uv	mg/L	0.000053	38.4	2.39879	-0.000138 mg/L	Y 371.029
Cd 226.502	0.000046	mg/L	0.000035	75.8	11.2073	0.000046 mg/L	Y 371.029
Cd 228.802	0.000088	mg/L	0.000090	102.9	10.5004	0.000088 mg/L	Y 371.029
Co 228.615	-0.000043uv	mg/L	0.000126	295.5	1.74640	-0.000043 mg/L	Y 371.029
Co 230.786	0.000174uv	mg/L	0.000241	138.8	3.82442	0.000174 mg/L	Y 371.029
Co 238.892	-0.000199uv	mg/L	0.000263	132.4	1.89167	-0.000199 mg/L	Y 371.029
Cr 205.560	-0.000050uv	mg/L	0.000314	629.8	2.55675	-0.000050 mg/L	Y 371.029
Cr 206.158	-0.000124uv	mg/L	0.000205	165.2	1.30931	-0.000124 mg/L	Y 371.029
Cr 267.716	-0.000191uv	mg/L	0.000147	76.8	10.2624	-0.000191 mg/L	Y 371.029
Cu 213.598	0.000208	mg/L	0.000156	75.1	0.681443	0.000208 mg/L	Y 371.029
Cu 324.754	0.004747	mg/L	0.000079	1.7	624.375	0.004747 mg/L	Y 371.029
Cu 327.395	-0.000142uv	mg/L	0.000030	21.2	9.65818	-0.000142 mg/L	Y 371.029
Fe 234.350	0.001446	mg/L	0.000039	2.7	26.7332	0.001446 mg/L	Y 371.029
Fe 238.204	0.000275	mg/L	0.000144	52.2	28.4376	0.000275 mg/L	Y 371.029
Fe 259.940	-0.000280uv	mg/L	0.000421	150.1	35.5199	-0.000280 mg/L	Y 371.029
Ga 287.423	-0.001004uv	mg/L	0.000633	63.1	4.20196	-0.001004 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.000374uv	mg/L	0.001088	291.2	8.22538	0.000374 mg/L	Y 371.029
Ga 417.204	-0.000107uv	mg/L	0.001139	1068.2	48.0551	-0.000107 mg/L	Y 371.029
K 766.491	0.004986	mg/L	0.000140	2.8	1652.24	0.004986 mg/L	Y 371.029
K 769.897	0.005269	mg/L	0.000303	5.8	4838.11	0.005269 mg/L	Y 371.029
Li 610.365	0.007331	mg/L	0.000602	8.2	57.4438	0.007331 mg/L	Y 371.029
Li 670.783	0.000419	mg/L	0.000025	6.0	37722.7	0.000419 mg/L	Y 371.029
Mg 279.078	0.001806uv	mg/L	0.003147	174.2	8.46300	0.001806 mg/L	Y 371.029
Mg 280.270	-0.000612uv	mg/L	0.000034	5.6	210.288	-0.000612 mg/L	Y 371.029
Mg 285.213	-0.000692uv	mg/L	0.000044	6.4	78.0216	-0.000692 mg/L	Y 371.029
Mn 257.610	0.000024uv	mg/L	0.000026	106.1	9.22971	0.000024 mg/L	Y 371.029
Mn 259.372	0.000045	mg/L	0.000059	131.3	27.9601	0.000045 mg/L	Y 371.029
Mn 260.568	-0.000040uv	mg/L	0.000038	93.6	2.20608	-0.000040 mg/L	Y 371.029
Mo 202.032	0.031773	mg/L	0.003500	11.0	87.3045	0.031773 mg/L	Y 371.029
Mo 203.846	0.031790	mg/L	0.002642	8.3	37.9865	0.031790 mg/L	Y 371.029
Mo 204.598	0.031141	mg/L	0.003932	12.6	42.1325	0.031141 mg/L	Y 371.029
Na 568.821	0.820455	mg/L	0.008573	1.0	30.2027	0.820455 mg/L	Y 371.029
Na 588.995	-0.225659uv	mg/L	0.000857	0.4	117724	-0.225659 mg/L	Y 371.029
Na 589.592	-0.426907uv	mg/L	0.000427	0.1	54922.2	-0.426907 mg/L	Y 371.029
Ni 216.555	0.000267uv	mg/L	0.000544	204.0	2.72278	0.000267 mg/L	Y 371.029
Ni 221.648	0.000775uv	mg/L	0.000742	95.7	2.53362	0.000775 mg/L	Y 371.029
Ni 231.604	-0.000704uv	mg/L	0.000656	93.2	1.41131	-0.000704 mg/L	Y 371.029
P 177.434	-0.002124uv	mg/L	0.005697	268.3	1.87928	-0.002124 mg/L	Y 371.029
P 213.618	-0.000061uv	mg/L	0.001701	2771.6	1.49013	-0.000061 mg/L	Y 371.029
P 214.914	0.000273uv	mg/L	0.012626	4617.7	1.60963	0.000273 mg/L	Y 371.029
Pb 220.353	-0.001458uv	mg/L	0.000742	50.9	1.82209	-0.001458 mg/L	Y 371.029
Pb 261.417	0.007089	mg/L	0.000287	4.1	2.98956	0.007089 mg/L	Y 371.029
Pb 405.781	0.003646uv	mg/L	0.005555	152.4	42.8894	0.003646 mg/L	Y 371.029
Sb 206.834	0.044876	mg/L	0.002365	5.3	24.5365	0.044876 mg/L	Y 371.029
Sb 231.146	0.044881	mg/L	0.001556	3.5	20.2817	0.044881 mg/L	Y 371.029
Sb 259.804	0.050275	mg/L	0.002157	4.3	17.2415	0.050275 mg/L	Y 371.029
Se 196.026	0.037830	mg/L	0.006309	16.7	8.77631	0.037830 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.006364	14.8	4.91772	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.002013	48.3	97.7736	uncal mg/L	Y 371.029
Si 251.611	0.028403	mg/L	0.001743	6.1	105.569	0.028403 mg/L	Y 371.029
Si 288.158	0.060089	mg/L	0.000523	0.9	1334.43	0.060089 mg/L	Y 371.029
Sn 189.927	0.001966	mg/L	0.001571	79.9	2.51679	0.001966 mg/L	Y 371.029
Sn 283.998	0.001770uv	mg/L	0.001717	97.0	4.26236	0.001770 mg/L	Y 371.029
Sr 216.596	0.000100uv	mg/L	0.000431	430.9	9.53857	0.000100 mg/L	Y 371.029
Sr 407.771	-0.000023uv	mg/L	0.000008	36.7	5550.11	-0.000023 mg/L	Y 371.029
Sr 421.552	-0.000008uv	mg/L	0.000006	71.3	3590.02	-0.000008 mg/L	Y 371.029
Ti 334.941	0.001198	mg/L	0.000334	27.9	288.912	0.001198 mg/L	Y 371.029
Ti 336.122	0.001085	mg/L	0.000398	36.7	108.181	0.001085 mg/L	Y 371.029
Ti 337.280	0.001376	mg/L	0.000389	28.2	41.8495	0.001376 mg/L	Y 371.029
Tl 190.794	0.002321	mg/L	0.001750	75.4	1.85775	0.002321 mg/L	Y 371.029
Tl 190.807	0.002115	mg/L	0.001002	47.3	1.36800	0.002115 mg/L	Y 371.029
Tl 351.923	0.000563uv	mg/L	0.002031	361.1	5.84891	0.000563 mg/L	Y 371.029
V 268.796	0.001368	mg/L	0.000336	24.6	47.9362	0.001368 mg/L	Y 371.029
V 292.401	-0.000153uv	mg/L	0.000073	47.9	11.0726	-0.000153 mg/L	Y 371.029
V 311.837	0.000601	mg/L	0.000060	9.9	5.26981	0.000601 mg/L	Y 371.029
Zn 202.548	-0.007433uv	mg/L	0.000244	3.3	236.466	-0.007433 mg/L	Y 371.029
Zn 206.200	-0.006978uv	mg/L	0.000941	13.5	80.6383	-0.006978 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	-0.001366uv	mg/L	0.000203	14.9	755.766	-0.001366 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.750516	6018.23	6.758	0.1
Y 371.029	0.948873	156476	109.923	0.1

11C1441-06 (Samp) **3/30/2011, 1:35:58 PM** **Rack 4, Tube 44**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000851	mg/L	0.000047	5.5	119.717	-0.008513 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000811	74.9	1.39400	uncal mg/L	Y 371.029
Al 237.312	-0.001643	mg/L	0.000596	36.3	45.2518	-0.016428 mg/L	Y 371.029
Al 257.509	-0.006628	mg/L	0.003693	55.7	16.2369	-0.066277 mg/L	Y 371.029
Al 308.215	0.229742	mg/L	0.002135	0.9	2017.56	2.29742 mg/L	Y 371.029
As 188.980	0.007953	mg/L	0.002069	26.0	3.68376	0.079528 mg/L	Y 371.029
As 193.696	0.008429	mg/L	0.002480	29.4	3.70140	0.084294 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002707	80.1	7.90052	uncal mg/L	Y 371.029
B 182.577	0.024467	mg/L	0.001798	7.3	11.8318	0.244671 mg/L	Y 371.029
B 249.678	0.025052	mg/L	0.000329	1.3	213.882	0.250519 mg/L	Y 371.029
B 249.772	0.025556	mg/L	0.000460	1.8	405.244	0.255555 mg/L	Y 371.029
Ba 233.527	0.075570	mg/L	0.000046	0.1	2282.22	0.755702 mg/L	Y 371.029
Ba 455.403	0.079197	mg/L	0.000103	0.1	80929.8	0.791974 mg/L	Y 371.029
Ba 493.408	0.081330	mg/L	0.000044	0.1	53150.3	0.813299 mg/L	Y 371.029
Be 234.861	-0.000004uv	mg/L	0.000012	327.9	-1.26836	-0.000037 mg/L	Y 371.029
Be 313.042	0.000098	mg/L	0.000006	6.3	892.412	0.000980 mg/L	Y 371.029
Be 313.107	0.000018	mg/L	0.000003	15.4	-6.61863	0.000179 mg/L	Y 371.029
Ca 393.366	10.2135n	mg/L	0.021838	0.2	11328447	102.135 mg/L	Y 371.029
Ca 396.847	10.1734	mg/L	0.010530	0.1	21144150	101.734 mg/L	Y 371.029
Ca 430.253	12.1731	mg/L	0.026951	0.2	42026.9	121.731 mg/L	Y 371.029
Cd 214.439	-0.000174uv	mg/L	0.000030	17.5	2.09696	-0.001739 mg/L	Y 371.029
Cd 226.502	0.000041	mg/L	0.000024	57.5	12.1123	0.000413 mg/L	Y 371.029
Cd 228.802	0.000069uv	mg/L	0.000081	118.7	10.0945	0.000686 mg/L	Y 371.029
Co 228.615	0.000289uv	mg/L	0.000094	32.5	1.45499	0.002892 mg/L	Y 371.029
Co 230.786	0.000122uv	mg/L	0.000131	107.5	2.34504	0.001221 mg/L	Y 371.029
Co 238.892	-0.000377uv	mg/L	0.000254	67.2	2.93774	-0.003775 mg/L	Y 371.029
Cr 205.560	-0.000567uv	mg/L	0.000497	87.7	1.70772	-0.005666 mg/L	Y 371.029
Cr 206.158	-0.000511uv	mg/L	0.000531	103.9	1.24826	-0.005112 mg/L	Y 371.029
Cr 267.716	-0.000241uv	mg/L	0.000099	41.1	12.0409	-0.002412 mg/L	Y 371.029
Cu 213.598	-0.000361	mg/L	0.000346	95.8	1.37789	-0.003609 mg/L	Y 371.029
Cu 324.754	0.007879	mg/L	0.000171	2.2	677.474	0.078790 mg/L	Y 371.029
Cu 327.395	-0.000181uv	mg/L	0.000210	116.0	19.8763	-0.001812 mg/L	Y 371.029
Fe 234.350	0.004490	mg/L	0.000517	11.5	82.8229	0.044896 mg/L	Y 371.029
Fe 238.204	-0.000230	mg/L	0.000066	28.8	141.823	-0.002304 mg/L	Y 371.029
Fe 259.940	-0.000086	mg/L	0.000109	126.2	123.128	-0.000860 mg/L	Y 371.029
Ga 287.423	0.000685	mg/L	0.000335	48.8	8.88914	0.006852 mg/L	Y 371.029
Ga 294.363	-0.000160	mg/L	0.000544	340.7	8.37663	-0.001596 mg/L	Y 371.029
Ga 417.204	-0.000535uv	mg/L	0.000361	67.4	46.3518	-0.005352 mg/L	Y 371.029
K 766.491	2.29569	mg/L	0.004428	0.2	123478	22.9569 mg/L	Y 371.029
K 769.897	2.12640	mg/L	0.003200	0.2	99350.7	21.2640 mg/L	Y 371.029

3/29/2011 11:58:32 AM	Worksheet created from template
3/29/2011 11:58:32 AM	>>>New Worksheet2011B.vwst
3/29/2011 12:06:32 PM	Analysis started.
3/29/2011 12:09:32 PM	**Measured Blank**
3/29/2011 12:13:45 PM	**Measured Standard 1**
3/29/2011 12:17:20 PM	**Measured Standard 2**
3/29/2011 12:21:01 PM	**Measured Standard 3**
3/29/2011 12:24:52 PM	**Measured Standard 4**
3/29/2011 12:28:46 PM	**Measured Standard 5**
3/29/2011 12:32:58 PM	**Measured Standard 6**
3/29/2011 12:37:10 PM	**Measured Standard 7**
3/29/2011 12:38:38 PM	Calibration(Reslope) failed [Mo 203.846]: Maximum error has been exceeded.
3/29/2011 12:38:38 PM	Calibration(Reslope) failed [Se 203.985]: Maximum error has been exceeded.
3/29/2011 12:38:38 PM	Calibration(Reslope) failed [Si 250.690]: Maximum error has been exceeded.
3/29/2011 12:38:38 PM	Calibration(Reslope) failed [Ag 338.289]: Maximum error has been exceeded.
3/29/2011 12:38:38 PM	Calibration(Reslope) failed [As 228.812]: Maximum error has been exceeded.
3/29/2011 12:38:38 PM	Continuing in emission.
3/29/2011 12:38:45 PM	Analysis completed.
3/29/2011 12:41:28 PM	Analysis started.
3/29/2011 12:44:27 PM	**Measured SEQ-ICV1**
3/29/2011 12:45:57 PM	Analysis completed.
3/29/2011 12:51:45 PM	Analysis started.
3/29/2011 12:54:43 PM	**Measured SEQ-ICV2**
3/29/2011 12:58:57 PM	**Measured SEQ-ICB1**
3/29/2011 1:01:57 PM	**Measured SEQ-LCV1**
3/29/2011 1:05:40 PM	**Measured SEQ-HCV1**
3/29/2011 1:07:15 PM	Analysis completed.
3/29/2011 1:12:04 PM	Analysis started.
3/29/2011 1:15:03 PM	**Measured SEQ-IFA1**
3/29/2011 1:19:16 PM	**Measured SEQ-IFB1**
3/29/2011 1:23:28 PM	**Measured SEQ-CCV1**
3/29/2011 1:27:38 PM	**Measured SEQ-CCB1**
3/29/2011 1:30:40 PM	**Measured 1112146-BLK1**
3/29/2011 1:34:10 PM	**Measured 1112146-BS1**
3/29/2011 1:37:46 PM	**Measured 1112146-BS2**
3/29/2011 1:41:22 PM	**Measured 1112146-BS3**
3/29/2011 1:44:59 PM	**Measured 1112146-BS4**
3/29/2011 1:48:35 PM	**Measured 1112146-BS5**
3/29/2011 1:52:11 PM	**Measured 1112146-BS6**
3/29/2011 1:55:47 PM	**Measured 1112146-BS7**
3/29/2011 1:59:23 PM	**Measured 1112152-BLK1**
3/29/2011 2:03:19 PM	**Measured 1112152-BS1**
3/29/2011 2:07:15 PM	**Measured SEQ-CCV2**
3/29/2011 2:11:13 PM	**Measured SEQ-CCB2**
3/29/2011 2:14:13 PM	**Measured 1112152-BS2**
3/29/2011 2:18:08 PM	**Measured 1112152-BS3**
3/29/2011 2:22:04 PM	**Measured 1112152-BS4**
3/29/2011 2:26:02 PM	**Measured 1112152-BS5**
3/29/2011 2:29:59 PM	**Measured 1112152-BS6**
3/29/2011 2:33:39 PM	Request to stop the worksheet run after completing this solution.
3/29/2011 2:33:55 PM	**Measured 1112152-BS7**
3/29/2011 2:38:43 PM	Analysis started.
3/29/2011 2:41:42 PM	**Measured 1114039-BLK1**
3/29/2011 2:45:14 PM	**Measured 1114039-BS1**
3/29/2011 2:48:52 PM	**Measured 1114039-BS2**
3/29/2011 2:52:31 PM	**Measured 1114039-BS3**
3/29/2011 2:56:08 PM	**Measured SEQ-CCV3**
3/29/2011 3:00:08 PM	**Measured SEQ-CCB3**
3/29/2011 3:03:08 PM	**Measured 1114039-BS4**
3/29/2011 3:06:47 PM	**Measured 1114039-BS5**
3/29/2011 3:10:27 PM	**Measured 1114039-BS6**
3/29/2011 3:13:59 PM	Request to stop the worksheet run after completing this solution.
3/29/2011 3:14:05 PM	**Measured 1114039-BS7**
3/29/2011 3:19:39 PM	Analysis started.
3/29/2011 3:22:38 PM	**Measured 1114040-BLK1**
3/29/2011 3:25:38 PM	**Measured 1114040-BS1**
3/29/2011 3:29:50 PM	**Measured 1114040-BS2**
3/29/2011 3:33:45 PM	**Measured 11C1278-01**
3/29/2011 3:37:59 PM	**Measured 11C1144-01**
3/29/2011 3:42:13 PM	**Measured 11C1144-02**
3/29/2011 3:46:27 PM	**Measured SEQ-CCV4**
3/29/2011 3:50:46 PM	Request to stop the worksheet run after completing this solution.
3/29/2011 3:50:32 PM	**Measured SEQ-CCB4**
3/29/2011 3:54:46 PM	Analysis started.
3/29/2011 3:57:45 PM	**Measured 1114040-DUP1**
3/29/2011 4:01:58 PM	**Measured 1114040-MS1**
3/29/2011 4:05:53 PM	**Measured 1114040-MSD1**
3/29/2011 4:09:50 PM	**Measured 1114040-PS1**
3/29/2011 4:14:02 PM	**Measured 1113232-BLK1**
3/29/2011 4:17:01 PM	**Measured 1113232-BS1**
3/29/2011 4:21:15 PM	**Measured 11C1255-07**
3/29/2011 4:22:58 PM	Request to stop the worksheet run after completing this solution.
3/29/2011 4:25:30 PM	**Measured 11C1255-08**
3/29/2011 4:29:11 PM	Analysis started.
3/29/2011 4:32:10 PM	**Measured 11C1255-09**
3/29/2011 4:37:25 PM	Request to stop the worksheet run after completing this solution.
3/29/2011 4:36:25 PM	**Measured 11C1255-33**

3/29/2011 4:40:38 PM	Analysis started.
3/29/2011 4:43:37 PM	**Measured SEQ-CCV5**
3/29/2011 4:47:40 PM	**Measured SEQ-CCB5**
3/29/2011 4:50:40 PM	**Measured 1113232-DUP1**
3/29/2011 4:54:53 PM	**Measured 1113232-MS1**
3/29/2011 4:59:57 PM	Request to stop the worksheet run after completing this solution.
3/29/2011 4:59:06 PM	**Measured 1113232-MSD1**
3/29/2011 5:02:59 PM	Analysis started.
3/29/2011 5:05:59 PM	**Measured 1113232-SRD1**
3/29/2011 5:09:49 PM	**Measured 11C1255-34**
3/29/2011 5:14:03 PM	**Measured 11C1255-35**
3/29/2011 5:18:00 PM	**Measured 11C1255-36**
3/29/2011 5:21:56 PM	**Measured 11C1255-37**
3/29/2011 5:26:09 PM	**Measured 11C1255-38**
3/29/2011 5:30:24 PM	**Measured 11C1255-39**
3/29/2011 5:34:23 PM	**Measured SEQ-CCV6**
3/29/2011 5:38:37 PM	**Measured SEQ-CCB6**
3/29/2011 5:41:39 PM	**Measured 11C1255-40**
3/29/2011 5:45:52 PM	**Measured 11C1255-41**
3/29/2011 5:49:58 PM	**Measured 1114051-BLK1**
3/29/2011 5:53:27 PM	**Measured 1114051-BS1**
3/29/2011 5:57:40 PM	**Measured 1114051-BS2**
3/29/2011 6:01:30 PM	**Measured 11C1443-01**
3/29/2011 6:05:44 PM	**Measured 11C1452-01**
3/29/2011 6:10:00 PM	**Measured 11C1470-01**
3/29/2011 6:13:51 PM	**Measured 11C1475-01**
3/29/2011 6:17:47 PM	**Measured 11C1492-02**
3/29/2011 6:21:28 PM	**Measured SEQ-CCV7**
3/29/2011 6:25:42 PM	**Measured SEQ-CCB7**
3/29/2011 6:28:43 PM	**Measured 11C1492-04**
3/29/2011 6:32:29 PM	**Measured 11C1492-06**
3/29/2011 6:36:10 PM	**Measured 11C1492-08**
3/29/2011 6:39:51 PM	**Measured 11C1492-10**
3/29/2011 6:43:32 PM	**Measured 11C1492-12**
3/29/2011 6:47:14 PM	**Measured 11C1492-14**
3/29/2011 6:51:00 PM	**Measured 11C1536-01**
3/29/2011 6:54:42 PM	**Measured 1114051-DUP1**
3/29/2011 6:58:25 PM	**Measured 1114051-MS1**
3/29/2011 7:02:39 PM	**Measured 1114051-MSD1**
3/29/2011 7:06:36 PM	**Measured SEQ-CCV8**
3/29/2011 7:10:29 PM	**Measured SEQ-CCB8**
3/29/2011 7:13:30 PM	**Measured 1114051-SRD1**
3/29/2011 7:17:09 PM	**Measured 11C1536-02**
3/29/2011 7:21:23 PM	**Measured 11C1536-03**
3/29/2011 7:25:38 PM	**Measured 11C1536-04**
3/29/2011 7:29:52 PM	**Measured 11C1536-05**
3/29/2011 7:33:40 PM	**Measured 11C1536-06**
3/29/2011 7:37:35 PM	**Measured 11C1536-07**
3/29/2011 7:41:34 PM	**Measured 11C1547-01**
3/29/2011 7:45:28 PM	**Measured 11C1572-02**
3/29/2011 7:49:42 PM	**Measured 1114047-BLK1**
3/29/2011 7:53:11 PM	**Measured SEQ-CCV9**
3/29/2011 7:57:26 PM	**Measured SEQ-CCB9**
3/29/2011 8:00:28 PM	**Measured 1114047-BS1**
3/29/2011 8:04:42 PM	**Measured 11C1441-01**
3/29/2011 8:08:56 PM	**Measured 1114047-DUP1**
3/29/2011 8:12:56 PM	**Measured 1114047-MS1**
3/29/2011 8:17:11 PM	**Measured 1114047-MSD1**
3/29/2011 8:21:11 PM	**Measured 1114047-SRD1**
3/29/2011 8:24:13 PM	**Measured 11C1441-02**
3/29/2011 8:28:07 PM	**Measured 11C1441-03**
3/29/2011 8:31:59 PM	**Measured 11C1441-04**
3/29/2011 8:36:00 PM	**Measured 11C1441-05**
3/29/2011 8:39:57 PM	**Measured SEQ-CCVA**
3/29/2011 8:43:53 PM	**Measured SEQ-CCBA**
3/29/2011 8:46:55 PM	**Measured 11C1441-06**
3/29/2011 8:51:10 PM	**Measured 11C1441-07**
3/29/2011 8:55:05 PM	**Measured 1114053-BLK1**
3/29/2011 8:58:31 PM	**Measured 1114053-BS1**
3/29/2011 9:02:48 PM	**Measured 11C1499-01**
3/29/2011 9:07:03 PM	**Measured 11C1499-02**
3/29/2011 9:11:05 PM	**Measured 11C1499-03**
3/29/2011 9:15:10 PM	**Measured 11C1499-04**
3/29/2011 9:19:09 PM	**Measured 11C1499-05**
3/29/2011 9:23:02 PM	**Measured 11C1499-06**
3/29/2011 9:27:00 PM	**Measured SEQ-CCVB**
3/29/2011 9:30:58 PM	**Measured SEQ-CCBB**
3/29/2011 9:34:03 PM	**Measured 11C1499-07**
3/29/2011 9:38:20 PM	**Measured 11C1499-08**
3/29/2011 9:42:16 PM	**Measured 1114053-DUP1**
3/29/2011 9:46:15 PM	**Measured 1114053-MS1**
3/29/2011 9:50:31 PM	**Measured 1114053-MSD1**
3/29/2011 9:54:33 PM	**Measured 1114053-SRD1**
3/29/2011 9:58:27 PM	**Measured SEQ-CCVC**
3/29/2011 10:02:25 PM	**Measured SEQ-CCBC**
3/29/2011 10:03:10 PM	Analysis completed.

3/30/2011 10:27:28 AM	Analysis started.
3/30/2011 10:30:31 AM	**Measured SEQ-CCVD**
3/30/2011 10:34:48 AM	**Measured SEQ-CCBD**
3/30/2011 10:35:28 AM	Analysis completed.
3/30/2011 10:39:01 AM	Analysis started.
3/30/2011 10:42:00 AM	**Measured 1113232-DUP1**
3/30/2011 10:46:17 AM	**Measured 1113232-PS1**
3/30/2011 10:50:35 AM	**Measured 11C1255-40**
3/30/2011 10:52:14 AM	Analysis completed.
3/30/2011 11:13:16 AM	Analysis started.
3/30/2011 11:16:17 AM	**Measured 11C1255-33**
3/30/2011 11:20:34 AM	**Measured 11C1443-01**
3/30/2011 11:24:51 AM	**Measured 11C1475-01**
3/30/2011 11:28:48 AM	**Measured 11C1536-02**
3/30/2011 11:32:48 AM	**Measured 11C1536-03**
3/30/2011 11:36:54 AM	**Measured 11C1536-04**
3/30/2011 11:41:11 AM	**Measured 11C1536-05**
3/30/2011 11:45:00 AM	**Measured SEQ-CCVE**
3/30/2011 11:49:16 AM	**Measured SEQ-CCBE**
3/30/2011 11:49:57 AM	Analysis completed.
3/30/2011 11:56:11 AM	Analysis started.
3/30/2011 11:59:11 AM	**Measured 11C1536-06**
3/30/2011 12:03:04 PM	**Measured 11C1536-07**
3/30/2011 12:07:01 PM	**Measured 11C1441-01**
3/30/2011 12:11:05 PM	**Measured 1114047-DUP1**
3/30/2011 12:15:10 PM	**Measured 1114047-PS1**
3/30/2011 12:19:27 PM	**Measured 11C1441-04**
3/30/2011 12:23:26 PM	**Measured 11C1441-05**
3/30/2011 12:27:25 PM	**Measured 11C1255-33**
3/30/2011 12:31:22 PM	**Measured 1113232-DUP1**
3/30/2011 12:35:17 PM	**Measured 1113232-PS1**
3/30/2011 12:39:22 PM	**Measured SEQ-CCVF**
3/30/2011 12:43:21 PM	**Measured SEQ-CCBF**
3/30/2011 12:44:04 PM	Analysis completed.
3/30/2011 1:32:58 PM	Analysis started.
3/30/2011 1:35:58 PM	**Measured 11C1441-06**
3/30/2011 1:39:57 PM	**Measured 1114097-BLK1**
3/30/2011 1:43:40 PM	**Measured 1114097-BS1**
3/30/2011 1:47:57 PM	**Measured 11C1215-01**
3/30/2011 1:51:52 PM	**Measured 1114097-DUP1**
3/30/2011 1:55:50 PM	**Measured 1114097-MS1**
3/30/2011 1:59:47 PM	**Measured 1114097-MSD1**
3/30/2011 2:03:43 PM	**Measured 1114097-PS1**
3/30/2011 2:08:00 PM	**Measured 11C1392-01**
3/30/2011 2:12:17 PM	**Measured 11C1442-01**
3/30/2011 2:16:15 PM	**Measured SEQ-CCVG**
3/30/2011 2:20:32 PM	**Measured SEQ-CCBG**

110329A. All Data Report 3/30/2011, 14:14:33

Blank (Blk) **3/29/2011, 12:09:32 PM** **Rack 2, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.000000	mg/L	2.722	2.1	129.656
Ag 338.289	0.000000	mg/L	2.360	46.8	5.04113
Al 237.312	0.000000	mg/L	4.073	9.8	41.5981
Al 257.509	0.000000	mg/L	0.788	5.2	15.0768
Al 308.215	0.000000	mg/L	20.419	2.1	969.016
As 188.980	0.000000	mg/L	0.717	20.9	3.43376
As 193.696	0.000000	mg/L	0.361	15.9	2.26819
As 228.812	0.000000	mg/L	0.213	2.8	7.60505
B 182.577	0.000000	mg/L	0.210	6.2	3.38028
B 249.678	0.000000	mg/L	1.116	5.7	19.7046
B 249.772	0.000000	mg/L	1.642	4.7	35.1989
Ba 233.527	0.000000	mg/L	1.499	1.1	131.128
Ba 455.403	0.000000	mg/L	15.925	0.4	4480.25
Ba 493.408	0.000000	mg/L	8.619	0.3	2912.26
Be 234.861	0.000000	mg/L	0.410	59.2	-0.692553
Be 313.042	0.000000	mg/L	12.363	1.5	825.402
Be 313.107	0.000000	mg/L	3.298	422.1	0.781444
Ca 393.366	0.000000n	mg/L	25.721	0.2	15648.4
Ca 396.847	0.000000	mg/L	67.683	0.3	25984.9
Ca 430.253	0.000000	mg/L	7.918	2.2	361.301
Cd 214.439	0.000000	mg/L	0.825	15.0	5.49509
Cd 226.502	0.000000	mg/L	1.995	9.0	22.1563
Cd 228.802	0.000000	mg/L	1.710	10.4	16.4018
Co 228.615	0.000000	mg/L	0.055	2.7	2.04078
Co 230.786	0.000000	mg/L	0.612	24.7	2.47426
Co 238.892	0.000000	mg/L	1.067	49.7	2.14732
Cr 205.560	0.000000	mg/L	1.045	43.5	2.40374
Cr 206.158	0.000000	mg/L	0.365	16.6	2.19092
Cr 267.716	0.000000	mg/L	1.169	8.3	14.0247
Cu 213.598	0.000000	mg/L	0.039	20.5	0.191907
Cu 324.754	0.000000	mg/L	8.295	1.6	532.732
Cu 327.395	0.000000	mg/L	7.399	47.9	15.4322
Fe 234.350	0.000000	mg/L	0.658	3.8	17.4276
Fe 238.204	0.000000	mg/L	0.886	7.8	11.4291
Fe 259.940	0.000000	mg/L	1.323	7.7	17.1685
Ga 287.423	0.000000	mg/L	1.773	28.3	6.26199
Ga 294.363	0.000000	mg/L	2.643	32.3	8.19501
Ga 417.204	0.000000	mg/L	8.146	16.6	49.0738
K 766.491	0.000000	mg/L	3.857	0.3	1366.01
K 769.897	0.000000	mg/L	3.189	0.1	4574.64
Li 610.365	0.000000	mg/L	8.346	11.9	69.8622
Li 670.783	0.000000	mg/L	13.870	0.0	36742.9
Mg 279.078	0.000000	mg/L	3.280	39.5	8.30812
Mg 280.270	0.000000	mg/L	2.042	1.0	209.530
Mg 285.213	0.000000	mg/L	2.308	3.3	70.5951
Mn 257.610	0.000000	mg/L	1.710	27.4	6.23351
Mn 259.372	0.000000	mg/L	2.618	19.8	13.2269
Mn 260.568	0.000000	mg/L	0.566	20.8	2.72258
Mo 202.032	0.000000	mg/L	0.867	17.9	4.85433
Mo 203.846	0.000000	mg/L	0.964	23.6	4.08471

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.000000	mg/L	0.648	20.0	3.23760
Na 568.821	0.000000	mg/L	12.990	25.5	50.9158
Na 588.995	0.000000	mg/L	417.379	0.4	101920
Na 589.592	0.000000	mg/L	14.909	0.0	49121.6
Ni 216.555	0.000000	mg/L	1.370	45.6	3.00330
Ni 221.648	0.000000	mg/L	0.608	27.6	2.20302
Ni 231.604	0.000000	mg/L	0.918	27.8	3.29613
P 177.434	0.000000	mg/L	0.248	10.5	2.36698
P 213.618	0.000000	mg/L	0.153	9.2	1.65364
P 214.914	0.000000	mg/L	0.533	52.5	1.01471
Pb 220.353	0.000000	mg/L	0.366	11.2	3.26434
Pb 261.417	0.000000	mg/L	1.339	48.7	2.74727
Pb 405.781	0.000000	mg/L	1.786	4.6	39.2053
Sb 206.834	0.000000	mg/L	0.665	18.5	3.58675
Sb 231.146	0.000000	mg/L	0.757	29.6	2.55937
Sb 259.804	0.000000	mg/L	2.127	75.9	2.80318
Se 196.026	0.000000	mg/L	0.684	25.0	2.73705
Se 203.985	0.000000	mg/L	1.223	101.9	1.20079
Si 250.690	0.000000	mg/L	0.264	0.3	94.4143
Si 251.611	0.000000	mg/L	0.980	0.9	103.924
Si 288.158	0.000000	mg/L	11.872	1.0	1224.58
Sn 189.927	0.000000	mg/L	0.032	1.5	2.17209
Sn 283.998	0.000000	mg/L	1.589	66.3	2.39741
Sr 216.596	0.000000	mg/L	1.697	16.0	10.5762
Sr 407.771	0.000000	mg/L	21.126	0.4	5526.94
Sr 421.552	0.000000	mg/L	24.794	0.7	3539.99
Ti 334.941	0.000000	mg/L	9.067	20.0	45.3199
Ti 336.122	0.000000	mg/L	2.536	10.5	24.1850
Ti 337.280	0.000000	mg/L	3.730	43.6	8.54878
Tl 190.794	0.000000	mg/L	0.585	46.7	1.25183
Tl 190.807	0.000000	mg/L	0.569	43.9	1.29767
Tl 351.923	0.000000	mg/L	1.660	28.3	5.87589
V 268.796	0.000000	mg/L	1.024	5.2	19.6918
V 292.401	0.000000	mg/L	1.035	6.7	15.4207
V 311.837	0.000000	mg/L	1.001	42.7	2.34488
Zn 202.548	0.000000	mg/L	0.769	0.3	263.742
Zn 206.200	0.000000	mg/L	0.653	0.7	88.6140
Zn 213.857	0.000000	mg/L	2.525	0.3	768.333

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.837525	6715.93	20.452	0.3
Y 371.029	1.00718	166091	429.646	0.3

Standard 1 (Std) **3/29/2011, 12:13:45 PM** **Rack 2, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.001000	mg/L	2.325	3.0	78.4048
Be 313.042	0.001000	mg/L	3.395	0.2	2033.66
Be 313.107	0.001000	mg/L	3.955	0.6	609.804
Cd 214.439	0.000500	mg/L	1.396	17.6	7.92583
Cd 226.502	0.000500	mg/L	1.176	4.9	23.8818

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 228.802	0.000500	mg/L	0.556	3.6	15.5960
Cr 205.560	0.001000	mg/L	0.095	1.7	5.53034
Cr 206.158	0.001000	mg/L	1.044	39.4	2.64805
Cr 267.716	0.001000	mg/L	3.257	10.8	30.2290
Cu 213.598	0.001000	mg/L	1.034	60.3	1.71410
Cu 324.754	0.001000	mg/L	4.178	0.8	510.887
Cu 327.395	0.001000	mg/L	4.349	7.3	59.5517
K 766.491	0.010000	mg/L	10.238	0.5	1901.64
K 769.897	0.010000	mg/L	24.640	0.5	5131.80
Mg 279.078	0.010000	mg/L	1.564	9.0	17.2996
Mg 280.270	0.010000	mg/L	3.243	0.3	959.094
Mg 285.213	0.010000	mg/L	2.301	0.7	351.833

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.840863	6742.69	14.509	0.2
Y 371.029	1.00470	165682	369.102	0.2

Standard 2 (Std) **3/29/2011, 12:17:20 PM** **Rack 2, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.001000	mg/L	10.986	7.3	150.027
Ag 338.289	0.001000	mg/L	2.612	64.2	4.06892
Al 237.312	0.025000	mg/L	1.098	1.5	71.5692
Al 257.509	0.025000	mg/L	1.024	3.8	27.0557
Al 308.215	0.025000	mg/L	8.069	0.8	1007.00
As 188.980	0.005000	mg/L	1.072	28.0	3.82545
As 193.696	0.005000	mg/L	0.399	9.2	4.32312
As 228.812	0.005000	mg/L	5.192	76.4	6.79343
Ba 233.527	0.005000	mg/L	2.846	1.0	274.251
Ba 455.403	0.005000	mg/L	17.827	0.2	9384.48
Ba 493.408	0.005000	mg/L	14.320	0.2	6044.05
Be 234.861	0.005000	mg/L	0.808	0.2	410.361
Be 313.042	0.005000	mg/L	11.403	0.2	7007.12
Be 313.107	0.005000	mg/L	2.819	0.1	3052.91
Ca 393.366	0.050000n	mg/L	342.691	0.3	98237.3
Ca 396.847	0.050000	mg/L	416.333	0.3	162358
Ca 430.253	0.050000	mg/L	16.051	2.4	657.795
Cd 214.439	0.002500	mg/L	1.841	7.4	25.0416
Cd 226.502	0.002500	mg/L	0.682	1.1	59.9266
Cd 228.802	0.002500	mg/L	0.509	1.5	34.0853
Co 228.615	0.005000	mg/L	0.800	3.2	24.6297
Co 230.786	0.005000	mg/L	0.864	3.6	23.8540
Co 238.892	0.005000	mg/L	1.125	5.1	22.0321
Cr 205.560	0.005000	mg/L	0.603	3.9	15.3867
Cr 206.158	0.005000	mg/L	1.203	18.3	6.57905
Cr 267.716	0.005000	mg/L	1.895	2.1	89.0150
Cu 213.598	0.005000	mg/L	0.755	8.7	8.62640
Cu 324.754	0.005000	mg/L	3.386	0.5	621.662
Cu 327.395	0.005000	mg/L	4.329	1.9	224.749
Fe 234.350	0.005000	mg/L	2.837	4.3	66.3816
Fe 238.204	0.005000	mg/L	0.564	0.5	115.642

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Fe 259.940	0.005000	mg/L	0.699	0.6	114.164
Ga 287.423	0.005000	mg/L	0.888	5.1	17.4969
Ga 294.363	0.005000	mg/L	1.899	6.3	29.9412
Ga 417.204	0.005000	mg/L	7.691	8.5	90.7158
K 766.491	0.050000	mg/L	10.334	0.3	4075.86
K 769.897	0.050000	mg/L	34.971	0.5	6853.88
Li 610.365	0.010000	mg/L	6.195	2.7	229.259
Li 670.783	0.010000	mg/L	56.713	0.1	59866.6
Mg 279.078	0.050000	mg/L	2.087	3.6	58.0147
Mg 280.270	0.050000	mg/L	3.903	0.1	3887.77
Mg 285.213	0.050000	mg/L	1.952	0.1	1451.67
Mn 257.610	0.005000	mg/L	3.487	0.6	553.305
Mn 259.372	0.005000	mg/L	2.865	0.7	429.153
Mn 260.568	0.005000	mg/L	1.849	2.4	75.5203
Mo 202.032	0.010000	mg/L	1.322	4.1	32.1516
Mo 203.846	0.010000	mg/L	1.119	7.9	14.2077
Mo 204.598	0.010000	mg/L	0.666	4.3	15.6345
Ni 216.555	0.010000	mg/L	1.407	4.4	32.0981
Ni 221.648	0.010000	mg/L	0.794	5.8	13.7822
Ni 231.604	0.010000	mg/L	2.307	9.2	25.1835
Pb 220.353	0.010000	mg/L	0.576	6.4	8.97982
Pb 261.417	0.010000	mg/L	0.693	17.9	3.86108
Pb 405.781	0.010000	mg/L	4.588	8.4	54.6979
Sb 206.834	0.010000	mg/L	0.693	7.8	8.92672
Sb 231.146	0.010000	mg/L	1.353	22.5	6.00150
Sb 259.804	0.010000	mg/L	1.864	34.8	5.35786
Se 196.026	0.010000	mg/L	0.775	16.1	4.82327
Se 203.985	0.010000	mg/L	1.552	56.7	2.73696
Si 250.690	0.010000	mg/L	3.872	5.2	73.7591
Si 251.611	0.010000	mg/L	0.366	0.4	82.1355
Si 288.158	0.010000	mg/L	5.044	0.5	1043.45
Sn 189.927	0.010000	mg/L	0.359	9.0	3.98097
Sn 283.998	0.010000	mg/L	4.937	29.8	16.5684
Sr 216.596	0.005000	mg/L	0.688	2.1	33.1127
Sr 407.771	0.005000	mg/L	11.349	0.1	19100.8
Sr 421.552	0.005000	mg/L	24.100	0.2	12401.6
Ti 334.941	0.005000	mg/L	3.578	0.3	1052.01
Ti 336.122	0.005000	mg/L	2.275	0.5	427.013
Ti 337.280	0.005000	mg/L	2.209	1.5	144.482
V 268.796	0.005000	mg/L	8.309	15.3	54.4872
V 292.401	0.005000	mg/L	4.594	3.4	135.433
V 311.837	0.005000	mg/L	0.977	0.7	145.927
Zn 202.548	0.005000	mg/L	3.097	1.1	289.509
Zn 206.200	0.005000	mg/L	0.822	0.8	97.5647
Zn 213.857	0.005000	mg/L	4.823	0.6	836.551

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.847101	6792.72	17.339	0.3
Y 371.029	1.01335	167109	448.619	0.3

Standard 3 (Std) **3/29/2011, 12:21:01 PM** **Rack 2, Tube 4**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.004000	mg/L	8.162	2.9	279.798
Ag 338.289	0.004000	mg/L	1.325	18.9	7.01100
Al 237.312	0.100000	mg/L	2.558	1.6	161.543
Al 257.509	0.100000	mg/L	1.941	2.9	66.0254
Al 308.215	0.100000	mg/L	6.930	0.5	1409.07
As 188.980	0.020000	mg/L	0.811	11.6	6.99203
As 193.696	0.020000	mg/L	0.326	4.7	6.96818
As 228.812	0.020000	mg/L	14.367	81.1	17.7066
B 182.577	0.020000	mg/L	0.278	2.7	10.2473
B 249.678	0.020000	mg/L	0.330	0.2	168.109
B 249.772	0.020000	mg/L	2.651	0.8	320.230
Ba 233.527	0.020000	mg/L	2.845	0.4	703.901
Ba 455.403	0.020000	mg/L	44.232	0.2	24416.9
Ba 493.408	0.020000	mg/L	30.765	0.2	15699.9
Be 234.861	0.020000	mg/L	5.267	0.3	1682.50
Be 313.042	0.020000	mg/L	44.339	0.2	26442.7
Be 313.107	0.020000	mg/L	12.059	0.1	12538.1
Ca 393.366	0.200000n	mg/L	472.259	0.2	275288
Ca 396.847	0.200000	mg/L	568.813	0.1	456918
Ca 430.253	0.200000	mg/L	14.457	1.2	1171.62
Cd 214.439	0.010000	mg/L	1.652	1.7	94.4082
Cd 226.502	0.010000	mg/L	4.067	1.9	217.820
Cd 228.802	0.010000	mg/L	0.504	0.5	110.865
Co 228.615	0.020000	mg/L	2.015	1.8	109.458
Co 230.786	0.020000	mg/L	0.552	0.6	85.8835
Co 238.892	0.020000	mg/L	1.034	1.2	83.7748
Cr 205.560	0.020000	mg/L	0.882	1.5	57.7714
Cr 206.158	0.020000	mg/L	1.377	5.7	24.3397
Cr 267.716	0.020000	mg/L	0.987	0.3	321.400
Cu 213.598	0.020000	mg/L	0.971	2.7	36.3803
Cu 324.754	0.020000	mg/L	6.942	0.6	1101.83
Cu 327.395	0.020000	mg/L	4.298	0.5	869.436
Fe 234.350	0.020000	mg/L	6.900	5.0	137.659
Fe 238.204	0.020000	mg/L	7.582	2.9	263.695
Fe 259.940	0.020000	mg/L	6.232	2.5	247.690
Ga 287.423	0.020000	mg/L	1.014	2.6	39.2295
Ga 294.363	0.020000	mg/L	2.117	1.9	111.248
Ga 417.204	0.020000	mg/L	12.365	6.3	195.478
K 766.491	0.200000	mg/L	17.635	0.1	12279.9
K 769.897	0.200000	mg/L	1.332	0.0	13475.6
Li 610.365	0.040000	mg/L	7.285	0.7	1014.49
Li 670.783	0.040000	mg/L	282.707	0.2	125882
Mg 279.078	0.200000	mg/L	2.573	1.3	204.478
Mg 280.270	0.200000	mg/L	49.230	0.3	14988.7
Mg 285.213	0.200000	mg/L	16.641	0.3	5650.20
Mn 257.610	0.020000	mg/L	30.853	1.4	2173.22
Mn 259.372	0.020000	mg/L	22.964	1.4	1666.70
Mn 260.568	0.020000	mg/L	2.729	0.9	291.389
Mo 202.032	0.040000	mg/L	0.477	0.4	109.173
Mo 203.846	0.040000	mg/L	0.738	1.6	47.1753

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.040000	mg/L	0.690	1.3	53.0602
Ni 216.555	0.040000	mg/L	1.412	1.2	118.898
Ni 221.648	0.040000	mg/L	1.033	2.1	49.3836
Ni 231.604	0.040000	mg/L	1.026	1.2	88.3074
P 177.434	0.020000	mg/L	0.446	12.2	3.65763
P 213.618	0.020000	mg/L	0.492	6.5	7.53610
P 214.914	0.020000	mg/L	0.974	22.8	4.26878
Pb 220.353	0.040000	mg/L	0.914	3.2	28.9009
Pb 261.417	0.040000	mg/L	2.639	15.9	16.6277
Pb 405.781	0.040000	mg/L	2.546	3.1	83.1049
Sb 206.834	0.040000	mg/L	1.076	4.7	22.8969
Sb 231.146	0.040000	mg/L	0.630	3.5	17.9664
Sb 259.804	0.040000	mg/L	2.058	13.5	15.2276
Se 196.026	0.040000	mg/L	0.601	6.4	9.34222
Se 203.985	0.040000	mg/L	0.564	12.3	4.58940
Si 250.690	0.040000	mg/L	2.334	2.3	103.109
Si 251.611	0.040000	mg/L	1.780	1.6	113.204
Si 288.158	0.040000	mg/L	1.509	0.1	1215.45
Sn 189.927	0.040000	mg/L	0.351	3.9	8.94483
Sn 283.998	0.040000	mg/L	15.381	31.0	49.5727
Sr 216.596	0.020000	mg/L	0.984	0.9	104.245
Sr 407.771	0.020000	mg/L	576.090	1.0	60044.4
Sr 421.552	0.020000	mg/L	382.343	1.0	39127.2
Ti 334.941	0.020000	mg/L	26.224	0.6	4120.21
Ti 336.122	0.020000	mg/L	3.225	0.2	1715.26
Ti 337.280	0.020000	mg/L	4.455	0.8	578.751
Tl 190.794	0.020000	mg/L	0.360	6.0	6.02060
Tl 190.807	0.020000	mg/L	0.845	26.8	3.14747
Tl 351.923	0.020000	mg/L	4.595	13.2	34.7753
V 268.796	0.020000	mg/L	34.206	21.4	159.478
V 292.401	0.020000	mg/L	3.476	0.7	502.955
V 311.837	0.020000	mg/L	4.203	0.6	660.988
Zn 202.548	0.020000	mg/L	2.751	0.8	339.768
Zn 206.200	0.020000	mg/L	0.712	0.6	114.550
Zn 213.857	0.020000	mg/L	10.774	1.1	985.292

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.840750	6741.79	6.564	0.1
Y 371.029	1.00647	165974	91.785	0.1

Standard 4 (Std) **3/29/2011, 12:24:52 PM** **Rack 2, Tube 5**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.020000	mg/L	5.120	0.5	952.227
Ag 338.289	0.020000	mg/L	4.106	9.1	45.3304
Al 237.312	0.500000	mg/L	6.594	1.1	620.327
Al 257.509	0.500000	mg/L	5.845	2.2	270.784
Al 308.215	0.500000	mg/L	15.037	0.4	3426.43
As 188.980	0.100000	mg/L	0.092	0.4	23.5478
As 193.696	0.100000	mg/L	0.750	2.8	27.1399
As 228.812	0.100000	mg/L	60.550	80.3	75.3627

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
B 182.577	0.100000	mg/L	0.420	1.1	37.4576
B 249.678	0.100000	mg/L	6.671	0.9	759.382
B 249.772	0.100000	mg/L	6.366	0.4	1451.05
Ba 233.527	0.100000	mg/L	7.540	0.3	2947.85
Ba 455.403	0.100000	mg/L	81.624	0.1	101078
Ba 493.408	0.100000	mg/L	277.193	0.4	65647.1
Be 234.861	0.100000	mg/L	3.612	0.0	8229.93
Be 313.042	0.100000	mg/L	153.773	0.1	125465
Be 313.107	0.100000	mg/L	124.900	0.2	61188.6
Ca 393.366	1.00000n	mg/L	1353.635	0.1	1240152
Ca 396.847	1.00000	mg/L	3076.770	0.1	2071105
Ca 430.253	1.00000	mg/L	8.789	0.2	3736.13
Cd 214.439	0.050000	mg/L	1.301	0.3	460.282
Cd 226.502	0.050000	mg/L	4.191	0.4	1032.81
Cd 228.802	0.050000	mg/L	1.213	0.2	506.754
Co 228.615	0.100000	mg/L	3.718	0.7	557.694
Co 230.786	0.100000	mg/L	1.784	0.4	409.166
Co 238.892	0.100000	mg/L	3.540	0.9	398.666
Cr 205.560	0.100000	mg/L	1.200	0.4	274.347
Cr 206.158	0.100000	mg/L	0.498	0.4	115.334
Cr 267.716	0.100000	mg/L	8.678	0.6	1539.24
Cu 213.598	0.100000	mg/L	2.847	1.5	189.543
Cu 324.754	0.100000	mg/L	7.829	0.2	3597.95
Cu 327.395	0.100000	mg/L	1.313	0.0	4262.51
Fe 234.350	0.100000	mg/L	30.428	4.9	616.510
Fe 238.204	0.100000	mg/L	41.969	3.3	1256.87
Fe 259.940	0.100000	mg/L	34.735	3.0	1148.80
Ga 287.423	0.100000	mg/L	5.855	3.2	185.317
Ga 294.363	0.100000	mg/L	8.655	1.7	516.365
Ga 417.204	0.100000	mg/L	55.993	6.9	815.418
K 766.491	1.00000	mg/L	47.714	0.1	55774.0
K 769.897	1.00000	mg/L	53.234	0.1	48102.1
Li 610.365	0.200000	mg/L	9.455	0.2	6054.60
Li 670.783	0.200000	mg/L	498.561	0.1	470028
Mg 279.078	1.00000	mg/L	7.517	0.8	979.684
Mg 280.270	1.00000	mg/L	309.648	0.4	72844.7
Mg 285.213	1.00000	mg/L	100.653	0.4	27580.2
Mn 257.610	0.100000	mg/L	150.318	1.4	10532.7
Mn 259.372	0.100000	mg/L	116.259	1.4	8061.71
Mn 260.568	0.100000	mg/L	7.699	0.5	1418.35
Mo 202.032	0.200000	mg/L	6.217	1.2	523.695
Mo 203.846	0.200000	mg/L	2.078	0.9	220.732
Mo 204.598	0.200000	mg/L	1.165	0.5	257.987
Na 568.821	1.00000	mg/L	18.049	9.0	199.860
Na 588.995	1.00000	mg/L	1519.461	0.3	538343
Na 589.592	1.00000	mg/L	539.208	0.2	270540
Ni 216.555	0.200000	mg/L	3.320	0.6	577.574
Ni 221.648	0.200000	mg/L	1.241	0.5	235.504
Ni 231.604	0.200000	mg/L	1.579	0.4	420.453
P 177.434	0.100000	mg/L	0.865	7.6	11.3727
P 213.618	0.100000	mg/L	1.064	3.0	35.1838

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
P 214.914	0.100000	mg/L	0.843	6.8	12.3611
Pb 220.353	0.200000	mg/L	1.087	0.8	130.490
Pb 261.417	0.200000	mg/L	3.440	4.4	78.4806
Pb 405.781	0.200000	mg/L	6.350	2.5	258.984
Sb 206.834	0.200000	mg/L	1.034	1.1	97.8678
Sb 231.146	0.200000	mg/L	0.746	0.9	82.1014
Sb 259.804	0.200000	mg/L	2.424	3.7	66.3451
Se 196.026	0.200000	mg/L	0.645	1.8	35.7677
Se 203.985	0.200000	mg/L	1.119	5.6	19.8081
Si 250.690	0.200000	mg/L	3.061	1.2	265.548
Si 251.611	0.200000	mg/L	5.401	1.8	293.731
Si 288.158	0.200000	mg/L	4.493	0.2	2138.44
Sn 189.927	0.200000	mg/L	1.061	2.9	36.7119
Sn 283.998	0.200000	mg/L	70.844	31.2	227.336
Sr 216.596	0.100000	mg/L	2.899	0.6	477.902
Sr 407.771	0.100000	mg/L	88.938	0.0	274947
Sr 421.552	0.100000	mg/L	460.993	0.3	179225
Ti 334.941	0.100000	mg/L	155.889	0.8	19785.9
Ti 336.122	0.100000	mg/L	79.787	1.0	8310.32
Ti 337.280	0.100000	mg/L	8.453	0.3	2837.96
Tl 190.794	0.100000	mg/L	0.685	2.7	24.9986
Tl 190.807	0.100000	mg/L	0.585	4.5	12.9486
Tl 351.923	0.100000	mg/L	4.237	3.0	141.854
V 268.796	0.100000	mg/L	161.338	22.8	706.113
V 292.401	0.100000	mg/L	6.173	0.3	2426.36
V 311.837	0.100000	mg/L	8.965	0.3	3417.53
Zn 202.548	0.100000	mg/L	6.747	1.1	629.577
Zn 206.200	0.100000	mg/L	1.034	0.5	211.786
Zn 213.857	0.100000	mg/L	24.361	1.3	1828.91

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.848251	6801.94	11.878	0.2
Y 371.029	1.01817	167903	230.564	0.1

Standard 5 (Std) **3/29/2011, 12:28:46 PM** **Rack 2, Tube 6**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.100000	mg/L	1.576	0.0	4502.37
Ag 338.289	0.100000	mg/L	5.793	2.2	266.739
Al 237.312	2.50000	mg/L	21.194	0.7	2987.99
Al 257.509	2.50000	mg/L	7.570	0.6	1314.73
Al 308.215	2.50000	mg/L	64.992	0.5	13656.8
As 188.980	0.500000	mg/L	2.021	1.9	105.540
As 193.696	0.500000	mg/L	1.235	1.0	129.018
As 228.812	0.500000	mg/L	298.429	82.5	361.831
B 182.577	0.500000	mg/L	1.165	0.7	176.096
B 249.678	0.500000	mg/L	31.251	0.8	3731.75
B 249.772	0.500000	mg/L	77.744	1.1	7144.71
Ba 233.527	0.500000	mg/L	38.730	0.3	14347.0
Ba 455.403	0.500000	mg/L	500.387	0.1	483911
Ba 493.408	0.500000	mg/L	239.267	0.1	318930

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.500000	mg/L	154.691	0.4	42317.8
Be 313.042	0.500000	mg/L	4362.757	0.7	630978
Be 313.107	0.500000	mg/L	1660.571	0.5	311258
Ca 393.366	5.00000n	mg/L	13241.229	0.2	5491650
Ca 396.847	5.00000	mg/L	17336.932	0.2	9502471
Ca 430.253	5.00000	mg/L	60.342	0.4	16878.1
Cd 214.439	0.250000	mg/L	14.841	0.6	2359.74
Cd 226.502	0.250000	mg/L	14.724	0.3	5246.18
Cd 228.802	0.250000	mg/L	4.902	0.2	2557.90
Co 228.615	0.500000	mg/L	8.387	0.3	2907.44
Co 230.786	0.500000	mg/L	8.268	0.4	2074.47
Co 238.892	0.500000	mg/L	11.166	0.6	2019.81
Cr 205.560	0.500000	mg/L	7.555	0.5	1404.36
Cr 206.158	0.500000	mg/L	5.239	0.9	582.115
Cr 267.716	0.500000	mg/L	26.471	0.3	7713.48
Cu 213.598	0.500000	mg/L	6.651	0.7	998.447
Cu 324.754	0.500000	mg/L	65.712	0.4	16281.6
Cu 327.395	0.500000	mg/L	62.094	0.3	21334.1
Fe 234.350	0.500000	mg/L	156.971	5.2	3034.07
Fe 238.204	0.500000	mg/L	224.666	3.6	6311.83
Fe 259.940	0.500000	mg/L	183.900	3.2	5719.27
Ga 287.423	0.500000	mg/L	21.963	2.3	938.111
Ga 294.363	0.500000	mg/L	15.291	0.6	2587.57
Ga 417.204	0.500000	mg/L	277.583	7.1	3918.25
K 766.491	5.00000	mg/L	450.599	0.2	270267
K 769.897	5.00000	mg/L	435.517	0.2	223561
Li 610.365	1.00000	mg/L	84.377	0.3	33019.5
Li 670.783	1.00000	mg/L	2592.720	0.1	2246181
Mg 279.078	5.00000	mg/L	10.422	0.2	4967.26
Mg 280.270	5.00000	mg/L	2270.438	0.6	363508
Mg 285.213	5.00000	mg/L	2105.431	1.5	140915
Mn 257.610	0.500000	mg/L	780.076	1.4	53875.9
Mn 259.372	0.500000	mg/L	647.402	1.6	41033.6
Mn 260.568	0.500000	mg/L	45.344	0.6	7217.02
Mo 202.032	1.00000	mg/L	48.388	1.7	2795.76
Mo 203.846	1.00000	mg/L	27.884	2.4	1170.52
Mo 204.598	1.00000	mg/L	27.841	2.0	1366.81
Na 568.821	5.00000	mg/L	17.959	1.7	1068.95
Na 588.995	5.00000	mg/L	5625.575	0.2	2284671
Na 589.592	5.00000	mg/L	3100.161	0.3	1151783
Ni 216.555	1.00000	mg/L	10.441	0.4	2972.98
Ni 221.648	1.00000	mg/L	4.517	0.4	1200.57
Ni 231.604	1.00000	mg/L	9.199	0.4	2144.87
P 177.434	0.500000	mg/L	0.652	1.3	50.3284
P 213.618	0.500000	mg/L	4.930	2.7	183.905
P 214.914	0.500000	mg/L	2.576	5.1	50.6218
Pb 220.353	1.00000	mg/L	3.609	0.6	653.737
Pb 261.417	1.00000	mg/L	1.496	0.4	413.267
Pb 405.781	1.00000	mg/L	9.107	0.8	1188.81
Sb 206.834	1.00000	mg/L	3.303	0.8	430.460
Sb 231.146	1.00000	mg/L	3.252	0.9	362.401

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sb 259.804	1.00000	mg/L	1.494	0.5	283.107
Se 196.026	1.00000	mg/L	4.430	2.5	176.513
Se 203.985	1.00000	mg/L	5.131	5.1	100.759
Si 250.690	1.00000	mg/L	7.981	0.7	1084.58
Si 251.611	1.00000	mg/L	23.265	1.9	1208.00
Si 288.158	1.00000	mg/L	25.842	0.4	6751.81
Sn 189.927	1.00000	mg/L	1.321	0.7	179.624
Sn 283.998	1.00000	mg/L	366.000	32.0	1145.20
Sr 216.596	0.500000	mg/L	12.151	0.5	2418.02
Sr 407.771	0.500000	mg/L	3845.845	0.3	1333832
Sr 421.552	0.500000	mg/L	1963.599	0.2	873973
Ti 334.941	0.500000	mg/L	1302.665	1.3	99411.9
Ti 336.122	0.500000	mg/L	94.056	0.2	42015.9
Ti 337.280	0.500000	mg/L	43.056	0.3	14358.5
Tl 190.794	0.500000	mg/L	1.657	1.4	119.718
Tl 190.807	0.500000	mg/L	1.357	2.2	61.3741
Tl 351.923	0.500000	mg/L	4.476	0.6	710.492
V 268.796	0.500000	mg/L	877.348	24.9	3523.87
V 292.401	0.500000	mg/L	41.859	0.3	12272.2
V 311.837	0.500000	mg/L	56.491	0.3	17929.6
Zn 202.548	0.500000	mg/L	27.007	1.3	2137.56
Zn 206.200	0.500000	mg/L	8.155	1.1	718.034
Zn 213.857	0.500000	mg/L	92.398	1.5	6222.75

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.849030	6808.19	0.807	0.0
Y 371.029	1.01368	167162	450.076	0.3

Standard 6 (Std) **3/29/2011, 12:32:58 PM** **Rack 2, Tube 7**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.400000	mg/L	16.258	0.1	18139.9
Ag 338.289	0.400000	mg/L	24.387	2.2	1099.53
Al 237.312	10.0000	mg/L	20.955	0.2	11762.8
Al 257.509	10.0000	mg/L	9.278	0.2	5233.95
Al 308.215	10.0000	mg/L	222.575	0.4	52114.0
As 188.980	2.00000	mg/L	2.082	0.5	419.941
As 193.696	2.00000	mg/L	1.450	0.3	524.033
As 228.812	2.00000	mg/L	1165.799	81.3	1433.29
B 182.577	2.00000	mg/L	4.352	0.6	699.368
B 249.678	2.00000	mg/L	99.107	0.7	14886.2
B 249.772	2.00000	mg/L	192.980	0.7	28522.1
Ba 233.527	2.00000	mg/L	125.877	0.2	56992.4
Ba 455.403	2.00000	mg/L	2328.281	0.1	1920496
Ba 493.408	2.00000	mg/L	402.061	0.0	1228811
Be 234.861	2.00000	mg/L	239.909	0.1	170254
Be 313.042	2.00000	mg/L	16117.829	0.6	2544454
Be 313.107	2.00000	mg/L	8070.291	0.6	1257418
Ca 393.366	20.0000n	mg/L	29902.615	0.2	17357770
Ca 396.847	20.0000o	mg/L	141988.813	0.4	32807742
Ca 430.253	20.0000	mg/L	276.387	0.4	67540.3

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 214.439	1.00000	mg/L	52.305	0.6	9290.32
Cd 226.502	1.00000	mg/L	48.431	0.2	20725.8
Cd 228.802	1.00000	mg/L	35.879	0.4	10057.0
Co 228.615	2.00000	mg/L	47.572	0.4	11474.6
Co 230.786	2.00000	mg/L	22.808	0.3	8196.21
Co 238.892	2.00000	mg/L	20.710	0.3	7973.52
Cr 205.560	2.00000	mg/L	24.068	0.4	5604.58
Cr 206.158	2.00000	mg/L	10.633	0.5	2329.03
Cr 267.716	2.00000	mg/L	99.820	0.3	30991.7
Cu 213.598	2.00000	mg/L	32.421	0.8	3986.71
Cu 324.754	2.00000	mg/L	253.298	0.4	63852.0
Cu 327.395	2.00000	mg/L	945.390	1.1	84452.4
Fe 234.350	2.00000	mg/L	622.260	5.2	12004.7
Fe 238.204	2.00000	mg/L	894.780	3.6	25050.1
Fe 259.940	2.00000	mg/L	741.293	3.3	22667.3
Ga 287.423	2.00000	mg/L	86.889	2.3	3754.45
Ga 294.363	2.00000	mg/L	42.645	0.4	10317.2
Ga 417.204	2.00000	mg/L	1118.553	7.1	15712.8
K 766.491	20.0000	mg/L	1200.630	0.1	1001900
K 769.897	20.0000	mg/L	1238.634	0.1	867185
Li 610.365	4.00000	mg/L	194.102	0.1	138942
Li 670.783	4.00000	mg/L	19795.234	0.2	8232340
Mg 279.078	20.0000	mg/L	57.339	0.3	19872.3
Mg 280.270	20.0000	mg/L	5017.455	0.4	1335173
Mg 285.213	20.0000	mg/L	5103.415	0.9	553948
Mn 257.610	2.00000	mg/L	3138.912	1.5	212132
Mn 259.372	2.00000	mg/L	2566.810	1.6	162011
Mn 260.568	2.00000	mg/L	240.416	0.8	28673.5
Mo 202.032	4.00000	mg/L	157.559	1.4	11412.5
Mo 203.846	4.00000	mg/L	72.078	1.5	4864.84
Mo 204.598	4.00000	mg/L	92.399	1.6	5695.51
Na 568.821	20.0000	mg/L	54.188	1.2	4560.47
Na 588.995	20.0000	mg/L	15774.446	0.2	7725734
Na 589.592	20.0000	mg/L	16776.859	0.4	4272747
Ni 216.555	4.00000	mg/L	33.539	0.3	11712.3
Ni 221.648	4.00000	mg/L	23.556	0.5	4771.73
Ni 231.604	4.00000	mg/L	31.876	0.4	8450.07
P 177.434	2.00000	mg/L	0.505	0.3	199.370
P 213.618	2.00000	mg/L	18.091	2.5	731.740
P 214.914	2.00000	mg/L	9.049	4.6	194.626
Pb 220.353	4.00000	mg/L	6.651	0.3	2625.77
Pb 261.417	4.00000	mg/L	3.510	0.2	1658.71
Pb 405.781	4.00000	mg/L	32.976	0.7	4614.06
Sb 206.834	4.00000	mg/L	10.215	0.5	1927.50
Sb 231.146	4.00000	mg/L	13.788	0.9	1607.80
Sb 259.804	4.00000	mg/L	19.210	1.5	1251.77
Se 196.026	4.00000	mg/L	10.257	1.4	722.136
Se 203.985	4.00000	mg/L	19.305	4.6	423.226
Si 250.690	4.00000	mg/L	30.590	0.7	4099.31
Si 251.611	4.00000	mg/L	81.863	1.8	4541.32
Si 288.158	4.00000	mg/L	111.504	0.5	23920.5

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sn 189.927	4.00000	mg/L	5.992	0.8	712.442
Sn 283.998	4.00000	mg/L	1467.660	32.1	4577.52
Sr 216.596	2.00000	mg/L	24.292	0.3	9549.16
Sr 407.771	2.00000	mg/L	18248.438	0.3	5221529
Sr 421.552	2.00000	mg/L	14470.908	0.4	3447047
Ti 334.941	2.00000	mg/L	2029.662	0.5	400971
Ti 336.122	2.00000	mg/L	941.759	0.6	167946
Ti 337.280	2.00000	mg/L	141.236	0.2	57542.5
Tl 190.794	2.00000	mg/L	3.943	0.8	472.821
Tl 190.807	2.00000	mg/L	3.818	1.6	240.168
Tl 351.923	2.00000	mg/L	6.679	0.2	2840.83
V 268.796	2.00000	mg/L	3630.613	26.0	13971.1
V 292.401	2.00000	mg/L	136.759	0.3	48966.6
V 311.837	2.00000	mg/L	129.653	0.2	72259.3
Zn 202.548	2.00000	mg/L	98.018	1.3	7652.02
Zn 206.200	2.00000	mg/L	15.263	0.6	2591.55
Zn 213.857	2.00000	mg/L	336.930	1.5	22480.8

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.849502	6811.97	13.644	0.2
Y 371.029	1.01248	166966	707.816	0.4

Standard 7 (Std) **3/29/2011, 12:37:10 PM** **Rack 2, Tube 8**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ca 393.366	100.000on	mg/L	80937.844	0.2	37041368
Ca 396.847	100.000o	mg/L	154864.469	0.4	39461888
Ca 430.253	100.000	mg/L	1058.895	0.3	358713
Mg 279.078	100.000	mg/L	156.018	0.2	99987.0
Mg 280.270	100.000	mg/L	20680.525	0.4	4634254
Mg 285.213	100.000	mg/L	6316.150	0.3	2439320
Na 568.821	100.000	mg/L	287.876	1.1	25605.9
Na 588.995	100.000o	mg/L	146258.281	0.5	29809942
Na 589.592	100.000	mg/L	29254.654	0.1	19919096

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.797700	6396.58	5.313	0.1
Y 371.029	0.963468	158883	454.314	0.3

Ag 328.068 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999976**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		129.656	0.000000	0.000790	-	-
Standard 2		150.027	0.001000	0.001251	0.000251	25.1
Standard 3		279.798	0.004000	0.004186	0.000186	4.7
Standard 4		952.227	0.020000	0.019397	-0.000603	-3.0
Standard 5		4502.37	0.100000	0.099703	-0.000297	-0.3
Standard 6		18139.9	0.400000	0.408192	0.008192	2.0

Curve Type: Linear Equation: y = 44207.6 x + 94.7

Ag 338.289 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999914

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.04113	0.000000	0.002469	-	-
Standard 2		4.06892	0.001000	0.002108	0.001108	110.8
Standard 3		7.01100	0.004000	0.003200	-0.000800	-20.0
Standard 4		45.3304	0.020000	0.017424	-0.002576	-12.9
Standard 5		266.739	0.100000	0.099610	-0.000390	-0.4
Standard 6		1099.53	0.400000	0.408740	0.008740	2.2

Maximum error exceeded.
Curve Type: Linear Equation: y = 2694.0 x + -1.6

Al 237.312 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		41.5981	0.000000	-0.000669	-	-
Standard 2		71.5692	0.025000	0.024901	-0.000099	-0.4
Standard 3		161.543	0.100000	0.101663	0.001663	1.7
Standard 4		620.327	0.500000	0.493076	-0.006924	-1.4
Standard 5		2987.99	2.50000	2.51305	0.013052	0.5
Standard 6		11762.8	10.0000	9.99928	-0.000721	0.0

Curve Type: Linear Equation: y = 1172.1 x + 42.4

Al 257.509 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		15.0768	0.000000	0.001028	-	-
Standard 2		27.0557	0.025000	0.023989	-0.001011	-4.0
Standard 3		66.0254	0.100000	0.098686	-0.001314	-1.3
Standard 4		270.784	0.500000	0.491168	-0.008832	-1.8
Standard 5		1314.73	2.50000	2.49220	-0.007801	-0.3
Standard 6		5233.95	10.0000	10.0045	0.004549	0.0

Curve Type: Linear Equation: y = 521.7 x + 14.5

Al 308.215 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		969.016	0.000000	0.014844	-	-
Standard 2		1007.00	0.025000	0.022286	-0.002714	-10.9
Standard 3		1409.07	0.100000	0.101050	0.001050	1.1
Standard 4		3426.43	0.500000	0.496254	-0.003746	-0.7
Standard 5		13656.8	2.50000	2.50040	0.000397	0.0
Standard 6		52114.0	10.0000	10.0342	0.034199	0.3

Curve Type: Linear Equation: y = 5104.6 x + 893.2

As 188.980 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999990

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.43376	0.000000	0.003373	-	-
Standard 2		3.82545	0.005000	0.005253	0.000253	5.1
Standard 3		6.99203	0.020000	0.020456	0.000456	2.3
Standard 4		23.5478	0.100000	0.099944	-0.000056	-0.1
Standard 5		105.540	0.500000	0.493606	-0.006394	-1.3
Standard 6		419.941	2.00000	2.00310	0.003100	0.2

Curve Type: Linear Equation: y = 208.3 x + 2.7

As 193.696 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999971

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.26819	0.000000	0.000544	-	-
Standard 2		4.32312	0.005000	0.008439	0.003439	68.8
Standard 3		6.96818	0.020000	0.018602	-0.001398	-7.0
Standard 4		27.1399	0.100000	0.096102	-0.003898	-3.9
Standard 5		129.018	0.500000	0.487522	-0.012478	-2.5
Standard 6		524.033	2.00000	2.00519	0.005188	0.3

Curve Type: Linear Equation: y = 260.3 x + 2.1

As 228.812 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.60505	0.000000	0.000011	-	-
Standard 2		6.79343	0.005000	-0.001350	-0.006350	-127.0
Standard 3		17.7066	0.020000	0.016948	-0.003052	-15.3
Standard 4		75.3627	0.100000	0.113620	0.013620	13.6
Standard 5		361.831	0.500000	0.593941	0.093941	18.8
Standard 6		1433.29	2.00000	2.39045	0.390447	19.5

Maximum error exceeded.
Curve Type: Linear Equation: y = 596.4 x + 7.6

B 182.577 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.38028	0.000000	0.000276	-	-
Standard 3		10.2473	0.020000	0.020107	0.000107	0.5
Standard 4		37.4576	0.100000	0.098684	-0.001316	-1.3
Standard 5		176.096	0.500000	0.499045	-0.000955	-0.2
Standard 6		699.368	2.00000	2.01015	0.010148	0.5

Curve Type: Linear Equation: y = 346.3 x + 3.3

B 249.678 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		19.7046	0.000000	0.000005	-	-
Standard 3		168.109	0.020000	0.020000	0.000000	0.0
Standard 4		759.382	0.100000	0.099665	-0.000335	-0.3
Standard 5		3731.75	0.500000	0.500147	0.000147	0.0
Standard 6		14886.2	2.00000	2.00303	0.003035	0.2

Curve Type: Linear Equation: y = 7422.0 x + 19.7

B 249.772 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		35.1989	0.000000	-0.000011	-	-
Standard 3		320.230	0.020000	0.020070	0.000070	0.4
Standard 4		1451.05	0.100000	0.099738	-0.000262	-0.3
Standard 5		7144.71	0.500000	0.500868	0.000868	0.2
Standard 6		28522.1	2.00000	2.00695	0.006946	0.3

Curve Type: Linear Equation: y = 14194.1 x + 35.3

Ba 233.527 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		131.128	0.000000	-0.000024	-	-
Standard 2		274.251	0.005000	0.005020	0.000020	0.4
Standard 3		703.901	0.020000	0.020165	0.000165	0.8
Standard 4		2947.85	0.100000	0.099259	-0.000741	-0.7
Standard 5		14347.0	0.500000	0.501054	0.001054	0.2
Standard 6		56992.4	2.00000	2.00422	0.004217	0.2

Curve Type: Linear Equation: y = 28370.5 x + 131.8

Ba 455.403 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4480.25	0.000000	-0.000086	-	-
Standard 2		9384.48	0.005000	0.005004	0.000004	0.1
Standard 3		24416.9	0.020000	0.020608	0.000608	3.0
Standard 4		101078	0.100000	0.100182	0.000182	0.2
Standard 5		483911	0.500000	0.497563	-0.002437	-0.5
Standard 6		1920496	2.00000	1.98874	-0.011258	-0.6

Curve Type: Linear Equation: y = 963389.6 x + 4563.3

Ba 493.408 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999970

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2912.26	0.000000	-0.000071	-	-
Standard 2		6044.05	0.005000	0.005012	0.000012	0.2
Standard 3		15699.9	0.020000	0.020683	0.000683	3.4
Standard 4		65647.1	0.100000	0.101748	0.001748	1.7
Standard 5		318930	0.500000	0.512828	0.012828	2.6
Standard 6		1228811	2.00000	1.98957	-0.010429	-0.5

Curve Type: Linear Equation: y = 616140.4 x + 2956.2

Be 234.861 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-0.692553	0.000000	0.000007	-	-
Standard 1		78.4048	0.001000	0.000965	-0.000035	-3.5
Standard 2		410.361	0.005000	0.004984	-0.000016	-0.3
Standard 3		1682.50	0.020000	0.020388	0.000388	1.9
Standard 4		8229.93	0.100000	0.099667	-0.000333	-0.3
Standard 5		42317.8	0.500000	0.512421	0.012421	2.5
Standard 6		170254	2.00000	2.06154	0.061539	3.1

Curve Type: Linear Equation: y = 82586.5 x + -1.3

Be 313.042 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		825.402	0.000000	0.000036	-	-
Standard 1		2033.66	0.001000	0.000999	-0.000001	-0.1
Standard 2		7007.12	0.005000	0.004959	-0.000041	-0.8
Standard 3		26442.7	0.020000	0.020436	0.000436	2.2
Standard 4		125465	0.100000	0.099291	-0.000709	-0.7
Standard 5		630978	0.500000	0.501848	0.001848	0.4
Standard 6		2544454	2.00000	2.02561	0.025613	1.3

Curve Type: Linear Equation: y = 1255755.6 x + 779.6

Be 313.107 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.781444	0.000000	0.000033	-	-
Standard 1		609.804	0.001000	0.001015	0.000015	1.5
Standard 2		3052.91	0.005000	0.004955	-0.000045	-0.9
Standard 3		12538.1	0.020000	0.020251	0.000251	1.3
Standard 4		61188.6	0.100000	0.098703	-0.001297	-1.3
Standard 5		311258	0.500000	0.501960	0.001960	0.4
Standard 6		1257418	2.00000	2.02772	0.027721	1.4

Curve Type: Linear Equation: y = 620123.9 x + -19.8

Ca 393.366 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.997865

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank	n	15648.4	0.000000	-0.000273	-	-
Standard 2	n	98237.3	0.050000	0.074311	0.024311	48.6
Standard 3	n	275288	0.200000	0.234201	0.034201	17.1
Standard 4	n	1240152	1.00000	1.10554	0.105545	10.6
Standard 5	n	5491650	5.00000	4.94496	-0.055036	-1.1
Standard 6	n	17357770	20.0000	15.6610	-4.33904	-21.7

Curve Type: Linear Equation: y = 1107328.3 x + 15950.8

Ca 396.847 Calibration (mg/L) 3/29/2011, 12:28:46 PM Correlation Coefficient: 0.999893

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		25984.9	0.000000	-0.000490	-	-
Standard 2		162358	0.050000	0.065222	0.015222	30.4
Standard 3		456918	0.200000	0.207155	0.007155	3.6
Standard 4		2071105	1.00000	0.984949	-0.015051	-1.5
Standard 5		9502471	5.00000	4.56575	-0.434255	-8.7

Curve Type: Linear Equation: y = 2075339.0 x + 27001.2

Ca 430.253 Calibration (mg/L) 3/29/2011, 12:37:10 PM Correlation Coefficient: 0.999918

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		361.301	0.000000	-0.003767	-	-
Standard 2		657.795	0.050000	0.083154	0.033154	66.3
Standard 3		1171.62	0.200000	0.233788	0.033788	16.9
Standard 4		3736.13	1.00000	0.985607	-0.014393	-1.4
Standard 5		16878.1	5.00000	4.83835	-0.161650	-3.2
Standard 6		67540.3	20.0000	19.6906	-0.309378	-1.5
Standard 7		358713	100.000	105.052	5.05178	5.1

Curve Type: Linear Equation: y = 3411.1 x + 374.1

Cd 214.439 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999992

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.49509	0.000000	0.000198	-	-
Standard 1		7.92583	0.000500	0.000462	-0.000038	-7.6
Standard 2		25.0416	0.002500	0.002323	-0.000177	-7.1
Standard 3		94.4082	0.010000	0.009867	-0.000133	-1.3
Standard 4		460.282	0.050000	0.049658	-0.000342	-0.7
Standard 5		2359.74	0.250000	0.256236	0.006236	2.5
Standard 6		9290.32	1.00000	1.00998	0.009975	1.0

Curve Type: Linear Equation: y = 9194.9 x + 3.7

Cd 226.502 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22.1563	0.000000	0.000572	-	-
Standard 1		23.8818	0.000500	0.000655	0.000155	31.1
Standard 2		59.9266	0.002500	0.002394	-0.000106	-4.3
Standard 3		217.820	0.010000	0.010008	0.000008	0.1
Standard 4		1032.81	0.050000	0.049312	-0.000688	-1.4
Standard 5		5246.18	0.250000	0.252504	0.002504	1.0
Standard 6		20725.8	1.00000	0.999019	-0.000981	-0.1

Curve Type: Linear Equation: y = 20735.8 x + 10.3

Cd 228.802 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999993

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.4018	0.000000	0.000673	-	-
Standard 1		15.5960	0.000500	0.000593	0.000093	18.6
Standard 2		34.0853	0.002500	0.002426	-0.000074	-3.0
Standard 3		110.865	0.010000	0.010036	0.000036	0.4
Standard 4		506.754	0.050000	0.049277	-0.000723	-1.4
Standard 5		2557.90	0.250000	0.252587	0.002587	1.0
Standard 6		10057.0	1.00000	0.995899	-0.004101	-0.4

Curve Type: Linear Equation: y = 10088.8 x + 9.6

Co 228.615 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999992

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.04078	0.000000	0.000006	-	-
Standard 2		24.6297	0.005000	0.003939	-0.001061	-21.2
Standard 3		109.458	0.020000	0.018705	-0.001295	-6.5
Standard 4		557.694	0.100000	0.096730	-0.003270	-3.3
Standard 5		2907.44	0.500000	0.505757	0.005757	1.2
Standard 6		11474.6	2.00000	1.99707	-0.002933	-0.1

Curve Type: Linear Equation: y = 5744.7 x + 2.0

Co 230.786 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.47426	0.000000	-0.000148	-	-
Standard 2		23.8540	0.005000	0.005062	0.000062	1.2
Standard 3		85.8835	0.020000	0.020177	0.000177	0.9
Standard 4		409.166	0.100000	0.098951	-0.001049	-1.0
Standard 5		2074.47	0.500000	0.504740	0.004740	0.9
Standard 6		8196.21	2.00000	1.99643	-0.003566	-0.2

Curve Type: Linear Equation: y = 4103.9 x + 3.1

Co 238.892 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.14732	0.000000	-0.000138	-	-
Standard 2		22.0321	0.005000	0.004841	-0.000159	-3.2
Standard 3		83.7748	0.020000	0.020302	0.000302	1.5
Standard 4		398.666	0.100000	0.099154	-0.000846	-0.8
Standard 5		2019.81	0.500000	0.505107	0.005107	1.0
Standard 6		7973.52	2.00000	1.99598	-0.004024	-0.2

Curve Type: Linear Equation: y = 3993.4 x + 2.7

Cr 205.560 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.40374	0.000000	-0.000107	-	-
Standard 1		5.53034	0.001000	0.001023	0.000023	2.3
Standard 2		15.3867	0.005000	0.004583	-0.000417	-8.3
Standard 3		57.7714	0.020000	0.019893	-0.000107	-0.5
Standard 4		274.347	0.100000	0.098123	-0.001877	-1.9
Standard 5		1404.36	0.500000	0.506302	0.006302	1.3
Standard 6		5604.58	2.00000	2.02348	0.023485	1.2

Curve Type: Linear Equation: y = 2768.4 x + 2.7

Cr 206.158 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.19092	0.000000	0.000617	-	-
Standard 1		2.64805	0.001000	0.001014	0.000014	1.4
Standard 2		6.57905	0.005000	0.004428	-0.000572	-11.4
Standard 3		24.3397	0.020000	0.019853	-0.000147	-0.7
Standard 4		115.334	0.100000	0.098878	-0.001122	-1.1
Standard 5		582.115	0.500000	0.504264	0.004264	0.9
Standard 6		2329.03	2.00000	2.02140	0.021403	1.1

Curve Type: Linear Equation: y = 1151.5 x + 1.5

Cr 267.716 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.0247	0.000000	0.000050	-	-
Standard 1		30.2290	0.001000	0.001101	0.000101	10.1
Standard 2		89.0150	0.005000	0.004915	-0.000085	-1.7
Standard 3		321.400	0.020000	0.019991	-0.000009	0.0
Standard 4		1539.24	0.100000	0.098998	-0.001002	-1.0
Standard 5		7713.48	0.500000	0.499549	-0.000451	-0.1
Standard 6		30991.7	2.00000	2.00971	0.009715	0.5

Curve Type: Linear Equation: y = 15414.4 x + 13.3

Cu 213.598 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.191907	0.000000	0.000006	-	-
Standard 1		1.71410	0.001000	0.000776	-0.000224	-22.4
Standard 2		8.62640	0.005000	0.004275	-0.000725	-14.5
Standard 3		36.3803	0.020000	0.018322	-0.001678	-8.4
Standard 4		189.543	0.100000	0.095845	-0.004155	-4.2
Standard 5		998.447	0.500000	0.505269	0.005269	1.1
Standard 6		3986.71	2.00000	2.01777	0.017772	0.9

Curve Type: Linear Equation: y = 1975.7 x + 0.2

Cu 324.754 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		532.732	0.000000	0.001849	-	-
Standard 1		510.887	0.001000	0.001153	0.000153	15.3
Standard 2		621.662	0.005000	0.004681	-0.000319	-6.4
Standard 3		1101.83	0.020000	0.019976	-0.000024	-0.1
Standard 4		3597.95	0.100000	0.099482	-0.000518	-0.5
Standard 5		16281.6	0.500000	0.503479	0.003479	0.7
Standard 6		63852.0	2.00000	2.01869	0.018685	0.9

Curve Type: Linear Equation: y = 31395.3 x + 474.7

Cu 327.395 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		15.4322	0.000000	-0.000008	-	-
Standard 1		59.5517	0.001000	0.001031	0.000031	3.1
Standard 2		224.749	0.005000	0.004921	-0.000079	-1.6
Standard 3		869.436	0.020000	0.020100	0.000100	0.5
Standard 4		4262.51	0.100000	0.099995	-0.000005	0.0
Standard 5		21334.1	0.500000	0.501965	0.001965	0.4
Standard 6		84452.4	2.00000	1.98816	-0.011836	-0.6

Curve Type: Linear Equation: y = 42469.6 x + 15.8

Fe 234.350 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.4276	0.000000	-0.000134	-	-
Standard 2		66.3816	0.005000	0.007688	0.002688	53.8
Standard 3		137.659	0.020000	0.019077	-0.000923	-4.6
Standard 4		616.510	0.100000	0.095590	-0.004410	-4.4
Standard 5		3034.07	0.500000	0.481876	-0.018124	-3.6
Standard 6		12004.7	2.00000	1.91524	-0.084757	-4.2

Curve Type: Linear Equation: y = 6258.5 x + 18.3

Fe 238.204 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		11.4291	0.000000	-0.000848	-	-
Standard 2		115.642	0.005000	0.005381	0.000381	7.6
Standard 3		263.695	0.020000	0.014232	-0.005768	-28.8
Standard 4		1256.87	0.100000	0.073601	-0.026399	-26.4
Standard 5		6311.83	0.500000	0.375772	-0.124228	-24.8
Standard 6		25050.1	2.00000	1.49589	-0.504109	-25.2

Curve Type: Linear Equation: y = 16728.8 x + 25.6

Fe 259.940 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.1685	0.000000	-0.001770	-	-
Standard 2		114.164	0.005000	0.005558	0.000558	11.2
Standard 3		247.690	0.020000	0.015645	-0.004355	-21.8
Standard 4		1148.80	0.100000	0.083724	-0.016276	-16.3
Standard 5		5719.27	0.500000	0.429025	-0.070975	-14.2
Standard 6		22667.3	2.00000	1.70945	-0.290547	-14.5

Curve Type: Linear Equation: y = 13236.2 x + 40.6

Ga 287.423 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.26199	0.000000	0.000126	-	-
Standard 2		17.4969	0.005000	0.006306	0.001306	26.1
Standard 3		39.2295	0.020000	0.018261	-0.001739	-8.7
Standard 4		185.317	0.100000	0.098619	-0.001381	-1.4
Standard 5		938.111	0.500000	0.512709	0.012709	2.5
Standard 6		3754.45	2.00000	2.06189	0.061894	3.1

Curve Type: Linear Equation: y = 1817.9 x + 6.0

Ga 294.363 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.19501	0.000000	0.000363	-	-
Standard 2		29.9412	0.005000	0.004580	-0.000420	-8.4
Standard 3		111.248	0.020000	0.020346	0.000346	1.7
Standard 4		516.365	0.100000	0.098904	-0.001096	-1.1
Standard 5		2587.57	0.500000	0.500536	0.000536	0.1
Standard 6		10317.2	2.00000	1.99941	-0.000586	0.0

Curve Type: Linear Equation: y = 5157.0 x + 6.3

Ga 417.204 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		49.0738	0.000000	-0.000034	-	-
Standard 2		90.7158	0.005000	0.005395	0.000395	7.9
Standard 3		195.478	0.020000	0.019051	-0.000949	-4.7
Standard 4		815.418	0.100000	0.099865	-0.000135	-0.1
Standard 5		3918.25	0.500000	0.504344	0.004344	0.9
Standard 6		15712.8	2.00000	2.04185	0.041853	2.1

Curve Type: Linear Equation: y = 7671.2 x + 49.3

K 766.491 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999825**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1366.01	0.000000	-0.000437	-	-
Standard 1		1901.64	0.010000	0.009654	-0.000346	-3.5
Standard 2		4075.86	0.050000	0.050614	0.000614	1.2
Standard 3		12279.9	0.200000	0.205169	0.005169	2.6
Standard 4		55774.0	1.00000	1.02455	0.024554	2.5
Standard 5		270267	5.00000	5.06538	0.065383	1.3
Standard 6		1001900	20.0000	18.8486	-1.15138	-5.8

Curve Type: Linear Equation: y = 53081.4 x + 1389.2

K 769.897 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999993**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4574.64	0.000000	-0.000726	-	-
Standard 1		5131.80	0.010000	0.011847	0.001847	18.5
Standard 2		6853.88	0.050000	0.050707	0.000707	1.4
Standard 3		13475.6	0.200000	0.200133	0.000133	0.1
Standard 4		48102.1	1.00000	0.981514	-0.018486	-1.8
Standard 5		223561	5.00000	4.94092	-0.059080	-1.2
Standard 6		867185	20.0000	19.4649	-0.535082	-2.7

Curve Type: Linear Equation: y = 44314.5 x + 4606.8

Li 610.365 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999923**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		69.8622	0.000000	0.007708	-	-
Standard 2		229.259	0.010000	0.012552	0.002552	25.5
Standard 3		1014.49	0.040000	0.036411	-0.003589	-9.0
Standard 4		6054.60	0.200000	0.189559	-0.010441	-5.2
Standard 5		33019.5	1.00000	1.00891	0.008910	0.9
Standard 6		138942	4.00000	4.22745	0.227454	5.7

Curve Type: Linear Equation: y = 32910.1 x + -183.8

Li 670.783 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999807

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		36742.9	0.000000	-0.000034	-	-
Standard 2		59866.6	0.010000	0.010554	0.000554	5.5
Standard 3		125882	0.040000	0.040781	0.000781	2.0
Standard 4		470028	0.200000	0.198361	-0.001639	-0.8
Standard 5		2246181	1.00000	1.01163	0.011635	1.2
Standard 6		8232340	4.00000	3.75261	-0.247392	-6.2

Curve Type: Linear Equation: y = 2183954.0 x + 36817.1

Mg 279.078 Calibration (mg/L) 3/29/2011, 12:37:10 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.30812	0.000000	0.001647	-	-
Standard 1		17.2996	0.010000	0.010676	0.000676	6.8
Standard 2		58.0147	0.050000	0.051559	0.001559	3.1
Standard 3		204.478	0.200000	0.198628	-0.001372	-0.7
Standard 4		979.684	1.00000	0.977037	-0.022963	-2.3
Standard 5		4967.26	5.00000	4.98109	-0.018911	-0.4
Standard 6		19872.3	20.0000	19.9477	-0.052340	-0.3
Standard 7		99987.0	100.000	100.393	0.393364	0.4

Curve Type: Linear Equation: y = 995.9 x + 6.7

Mg 280.270 Calibration (mg/L) 3/29/2011, 12:37:10 PM Correlation Coefficient: 0.996056

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		209.530	0.000000	-0.000637	-	-
Standard 1		959.094	0.010000	0.010109	0.000109	1.1
Standard 2		3887.77	0.050000	0.052095	0.002095	4.2
Standard 3		14988.7	0.200000	0.211243	0.011243	5.6
Standard 4		72844.7	1.00000	1.04069	0.040685	4.1
Standard 5		363508	5.00000	5.20774	0.207738	4.2
Standard 6		1335173	20.0000	19.1378	-0.862152	-4.3
Standard 7		4634254	100.000	66.4346	-33.5654	-33.6

Curve Type: Linear Equation: y = 69752.8 x + 254.0

Mg 285.213 Calibration (mg/L) 3/29/2011, 12:37:10 PM Correlation Coefficient: 0.999628

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		70.5951	0.000000	-0.000985	-	-
Standard 1		351.833	0.010000	0.009576	-0.000424	-4.2
Standard 2		1451.67	0.050000	0.050881	0.000881	1.8
Standard 3		5650.20	0.200000	0.208556	0.008556	4.3
Standard 4		27580.2	1.00000	1.03214	0.032136	3.2
Standard 5		140915	5.00000	5.28840	0.288399	5.8
Standard 6		553948	20.0000	20.7998	0.799845	4.0
Standard 7		2439320	100.000	91.6048	-8.39516	-8.4

Curve Type: Linear Equation: y = 26627.7 x + 96.8

Mn 257.610 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999991

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.23351	0.000000	-0.000011	-	-
Standard 2		553.305	0.005000	0.005049	0.000049	1.0
Standard 3		2173.22	0.020000	0.020033	0.000033	0.2
Standard 4		10532.7	0.100000	0.097357	-0.002643	-2.6
Standard 5		53875.9	0.500000	0.498279	-0.001721	-0.3
Standard 6		212132	2.00000	1.96214	-0.037864	-1.9

Curve Type: Linear Equation: y = 108108.9 x + 7.5

Mn 259.372 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.2269	0.000000	-0.000029	-	-
Standard 2		429.153	0.005000	0.005034	0.000034	0.7
Standard 3		1666.70	0.020000	0.020099	0.000099	0.5
Standard 4		8061.71	0.100000	0.097943	-0.002057	-2.1
Standard 5		41033.6	0.500000	0.499301	-0.000699	-0.1
Standard 6		162011	2.00000	1.97193	-0.028073	-1.4

Curve Type: Linear Equation: y = 82150.9 x + 15.6

Mn 260.568 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.72258	0.000000	-0.000010	-	-
Standard 2		75.5203	0.005000	0.005079	0.000079	1.6
Standard 3		291.389	0.020000	0.020170	0.000170	0.8
Standard 4		1418.35	0.100000	0.098952	-0.001048	-1.0
Standard 5		7217.02	0.500000	0.504316	0.004316	0.9
Standard 6		28673.5	2.00000	2.00426	0.004256	0.2

Curve Type: Linear Equation: y = 14304.9 x + 2.9

Mo 202.032 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999981

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.85433	0.000000	0.000583	-	-
Standard 2		32.1516	0.010000	0.010829	0.000829	8.3
Standard 3		109.173	0.040000	0.039736	-0.000264	-0.7
Standard 4		523.695	0.200000	0.195312	-0.004688	-2.3
Standard 5		2795.76	1.00000	1.04805	0.048052	4.8
Standard 6		11412.5	4.00000	4.28205	0.282047	7.1

Curve Type: Linear Equation: y = 2664.4 x + 3.3

Mo 203.846 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999947

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.08471	0.000000	0.001401	-	-
Standard 2		14.2077	0.010000	0.010399	0.000399	4.0
Standard 3		47.1753	0.040000	0.039705	-0.000295	-0.7
Standard 4		220.732	0.200000	0.193983	-0.006017	-3.0
Standard 5		1170.52	1.00000	1.03827	0.038266	3.8
Standard 6		4864.84	4.00000	4.32223	0.322229	8.1

Curve Type: Linear Equation: y = 1125.0 x + 2.5

Mo 204.598 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999944

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.23760	0.000000	0.000688	-	-
Standard 2		15.6345	0.010000	0.010312	0.000312	3.1
Standard 3		53.0602	0.040000	0.039367	-0.000633	-1.6
Standard 4		257.987	0.200000	0.198461	-0.001539	-0.8
Standard 5		1366.81	1.00000	1.05929	0.059286	5.9
Standard 6		5695.51	4.00000	4.41984	0.419839	10.5

Curve Type: Linear Equation: y = 1288.1 x + 2.4

Na 568.821 Calibration (mg/L) 3/29/2011, 12:37:10 PM Correlation Coefficient: 0.999753

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		50.9158	0.000000	0.901032	-	-
Standard 4		199.860	1.00000	1.48045	0.480446	48.0
Standard 5		1068.95	5.00000	4.86134	-0.138660	-2.8
Standard 6		4560.47	20.0000	18.4438	-1.55618	-7.8
Standard 7		25605.9	100.000	100.313	0.313362	0.3

Curve Type: Linear Equation: y = 257.1 x + -180.7

Na 588.995 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999320

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		101920	0.000000	-0.267425	-	-
Standard 4		538343	1.00000	0.885934	-0.114066	-11.4
Standard 5		2284671	5.00000	5.50105	0.501050	10.0
Standard 6		7725734	20.0000	19.8804	-0.119558	-0.6

Curve Type: Linear Equation: y = 378393.1 x + 203111.9

Na 589.592 Calibration (mg/L) 3/29/2011, 12:37:10 PM Correlation Coefficient: 0.999924

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		49121.6	0.000000	-0.456182	-	-
Standard 4		270540	1.00000	0.661297	-0.338703	-33.9
Standard 5		1151783	5.00000	5.10886	0.108860	2.2
Standard 6		4272747	20.0000	20.8601	0.860102	4.3
Standard 7		19919096	100.000	99.8259	-0.174080	-0.2

Curve Type: Linear Equation: y = 198140.8 x + 139509.8

Ni 216.555 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999992

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.00330	0.000000	0.000363	-	-
Standard 2		32.0981	0.010000	0.010274	0.000274	2.7
Standard 3		118.898	0.040000	0.039843	-0.000157	-0.4
Standard 4		577.574	0.200000	0.196094	-0.003906	-2.0
Standard 5		2972.98	1.00000	1.01210	0.012102	1.2
Standard 6		11712.3	4.00000	3.98921	-0.010795	-0.3

Curve Type: Linear Equation: y = 2935.5 x + 1.9

Ni 221.648 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.20302	0.000000	0.000496	-	-
Standard 2		13.7822	0.010000	0.010227	0.000227	2.3
Standard 3		49.3836	0.040000	0.040147	0.000147	0.4
Standard 4		235.504	0.200000	0.196564	-0.003436	-1.7
Standard 5		1200.57	1.00000	1.00762	0.007615	0.8
Standard 6		4771.73	4.00000	4.00884	0.008839	0.2

Curve Type: Linear Equation: y = 1189.9 x + 1.6

Ni 231.604 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999993

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.29613	0.000000	0.000191	-	-
Standard 2		25.1835	0.010000	0.010555	0.000555	5.5
Standard 3		88.3074	0.040000	0.040443	0.000443	1.1
Standard 4		420.453	0.200000	0.197707	-0.002293	-1.1
Standard 5		2144.87	1.00000	1.01419	0.014186	1.4
Standard 6		8450.07	4.00000	3.99958	-0.000417	0.0

Curve Type: Linear Equation: y = 2112.0 x + 2.9

P 177.434 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999981**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.36698	0.000000	0.002838	-	-
Standard 3		3.65763	0.020000	0.015933	-0.004067	-20.3
Standard 4		11.3727	0.100000	0.094214	-0.005786	-5.8
Standard 5		50.3284	0.500000	0.489478	-0.010522	-2.1
Standard 6		199.370	2.00000	2.00173	0.001731	0.1

Curve Type: Linear Equation: y = 98.6 x + 2.1

P 213.618 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999993**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.65364	0.000000	0.000374	-	-
Standard 3		7.53610	0.020000	0.016984	-0.003016	-15.1
Standard 4		35.1838	0.100000	0.095050	-0.004950	-4.9
Standard 5		183.905	0.500000	0.514980	0.014980	3.0
Standard 6		731.740	2.00000	2.06185	0.061852	3.1

Curve Type: Linear Equation: y = 354.2 x + 1.5

P 214.914 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999967**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.01471	0.000000	-0.005550	-	-
Standard 3		4.26878	0.020000	0.027361	0.007361	36.8
Standard 4		12.3611	0.100000	0.109203	0.009203	9.2
Standard 5		50.6218	0.500000	0.496153	-0.003847	-0.8
Standard 6		194.626	2.00000	1.95255	-0.047451	-2.4

Curve Type: Linear Equation: y = 98.9 x + 1.6

Pb 220.353 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.26434	0.000000	0.000744	-	-
Standard 2		8.97982	0.010000	0.009487	-0.000513	-5.1
Standard 3		28.9009	0.040000	0.039961	-0.000039	-0.1
Standard 4		130.490	0.200000	0.195364	-0.004636	-2.3
Standard 5		653.737	1.00000	0.995787	-0.004213	-0.4
Standard 6		2625.77	4.00000	4.01245	0.012445	0.3

Curve Type: Linear Equation: y = 653.7 x + 2.8

Pb 261.417 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.74727	0.000000	0.006417	-	-
Standard 2		3.86108	0.010000	0.009106	-0.000894	-8.9
Standard 3		16.6277	0.040000	0.039927	-0.000073	-0.2
Standard 4		78.4806	0.200000	0.189247	-0.010753	-5.4
Standard 5		413.267	1.00000	0.997463	-0.002537	-0.3
Standard 6		1658.71	4.00000	4.00411	0.004109	0.1

Curve Type: Linear Equation: y = 414.2 x + 0.1

Pb 405.781 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		39.2053	0.000000	0.000432	-	-
Standard 2		54.6979	0.010000	0.013965	0.003965	39.7
Standard 3		83.1049	0.040000	0.038779	-0.001221	-3.1
Standard 4		258.984	0.200000	0.192411	-0.007589	-3.8
Standard 5		1188.81	1.00000	1.00462	0.004621	0.5
Standard 6		4614.06	4.00000	3.99662	-0.003376	-0.1

Curve Type: Linear Equation: y = 1144.8 x + 38.7

Sb 206.834 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999580

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.58675	0.000000	-0.000515	-	-
Standard 2		8.92672	0.010000	0.011043	0.001043	10.4
Standard 3		22.8969	0.040000	0.041282	0.001282	3.2
Standard 4		97.8678	0.200000	0.203559	0.003559	1.8
Standard 5		430.460	1.00000	0.923467	-0.076533	-7.7
Standard 6		1927.50	4.00000	4.16386	0.163865	4.1

Curve Type: Linear Equation: y = 462.0 x + 3.8

Sb 231.146 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999649

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.55937	0.000000	-0.001230	-	-
Standard 2		6.00150	0.010000	0.007745	-0.002255	-22.6
Standard 3		17.9664	0.040000	0.038940	-0.001060	-2.7
Standard 4		82.1014	0.200000	0.206154	0.006154	3.1
Standard 5		362.401	1.00000	0.936961	-0.063039	-6.3
Standard 6		1607.80	4.00000	4.18399	0.183992	4.6

Curve Type: Linear Equation: y = 383.5 x + 3.0

Sb 259.804 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999647**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.80318	0.000000	-0.000668	-	-
Standard 2		5.35786	0.010000	0.008345	-0.001655	-16.5
Standard 3		15.2276	0.040000	0.043169	0.003169	7.9
Standard 4		66.3451	0.200000	0.223528	0.023528	11.8
Standard 5		283.107	1.00000	0.988333	-0.011667	-1.2
Standard 6		1251.77	4.00000	4.40609	0.406092	10.2

Curve Type: Linear Equation: y = 283.4 x + 3.0

Se 196.026 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999961**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.73705	0.000000	0.003403	-	-
Standard 2		4.82327	0.010000	0.015301	0.005301	53.0
Standard 3		9.34222	0.040000	0.041072	0.001072	2.7
Standard 4		35.7677	0.200000	0.191776	-0.008224	-4.1
Standard 5		176.513	1.00000	0.994445	-0.005555	-0.6
Standard 6		722.136	4.00000	4.10613	0.106131	2.7

Curve Type: Linear Equation: y = 175.3 x + 2.1

Se 203.985 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999894**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.20079	0.000000	0.006150	-	-
Standard 2		2.73696	0.010000	0.021341	0.011341	113.4
Standard 3		4.58940	0.040000	0.039659	-0.000341	-0.9
Standard 4		19.8081	0.200000	0.190151	-0.009849	-4.9
Standard 5		100.759	1.00000	0.990643	-0.009357	-0.9
Standard 6		423.226	4.00000	4.17941	0.179410	4.5

Maximum error exceeded.
Curve Type: Linear Equation: y = 101.1 x + 0.6

Si 250.690 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999970**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		94.4143	0.000000	0.000682	-	-
Standard 2		73.7591	0.010000	-0.020523	-0.030523	-305.2
Standard 3		103.109	0.040000	0.009607	-0.030393	-76.0
Standard 4		265.548	0.200000	0.176362	-0.023638	-11.8
Standard 5		1084.58	1.00000	1.01716	0.017161	1.7
Standard 6		4099.31	4.00000	4.11198	0.111985	2.8

Maximum error exceeded.
Curve Type: Linear Equation: y = 974.1 x + 93.8

Si 251.611 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999967**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		103.924	0.000000	0.027010	-	-
Standard 2		82.1355	0.010000	0.006346	-0.003654	-36.5
Standard 3		113.204	0.040000	0.035810	-0.004190	-10.5
Standard 4		293.731	0.200000	0.207013	0.007013	3.5
Standard 5		1208.00	1.00000	1.07405	0.074054	7.4
Standard 6		4541.32	4.00000	4.23521	0.235205	5.9

Curve Type: Linear Equation: y = 1054.5 x + 75.4

Si 288.158 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999949**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1224.58	0.000000	0.040931	-	-
Standard 2		1043.45	0.010000	0.009328	-0.000672	-6.7
Standard 3		1215.45	0.040000	0.039339	-0.000661	-1.7
Standard 4		2138.44	0.200000	0.200375	0.000375	0.2
Standard 5		6751.81	1.00000	1.00529	0.005288	0.5
Standard 6		23920.5	4.00000	4.00077	0.000773	0.0

Curve Type: Linear Equation: y = 5731.5 x + 990.0

Sn 189.927 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.17209	0.000000	0.000016	-	-
Standard 2		3.98097	0.010000	0.010222	0.000222	2.2
Standard 3		8.94483	0.040000	0.038227	-0.001773	-4.4
Standard 4		36.7119	0.200000	0.194882	-0.005118	-2.6
Standard 5		179.624	1.00000	1.00116	0.001162	0.1
Standard 6		712.442	4.00000	4.00720	0.007196	0.2

Curve Type: Linear Equation: y = 177.2 x + 2.2

Sn 283.998 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.39741	0.000000	-0.000188	-	-
Standard 2		16.5684	0.010000	0.011869	0.001869	18.7
Standard 3		49.5727	0.040000	0.039950	-0.000050	-0.1
Standard 4		227.336	0.200000	0.191197	-0.008803	-4.4
Standard 5		1145.20	1.00000	0.972146	-0.027854	-2.8
Standard 6		4577.52	4.00000	3.89247	-0.107526	-2.7

Curve Type: Linear Equation: y = 1175.3 x + 2.6

Sr 216.596 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.5762	0.000000	0.000317	-	-
Standard 2		33.1127	0.005000	0.005044	0.000044	0.9
Standard 3		104.245	0.020000	0.019962	-0.000038	-0.2
Standard 4		477.902	0.100000	0.098326	-0.001674	-1.7
Standard 5		2418.02	0.500000	0.505212	0.005212	1.0
Standard 6		9549.16	2.00000	2.00077	0.000767	0.0

Curve Type: Linear Equation: y = 4768.2 x + 9.1

Sr 407.771 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999989

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5526.94	0.000000	-0.000032	-	-
Standard 2		19100.8	0.005000	0.005009	0.000009	0.2
Standard 3		60044.4	0.020000	0.020214	0.000214	1.1
Standard 4		274947	0.100000	0.100020	0.000020	0.0
Standard 5		1333832	0.500000	0.493247	-0.006753	-1.4
Standard 6		5221529	2.00000	1.93698	-0.063019	-3.2

Curve Type: Linear Equation: y = 2692806.3 x + 5612.8

Sr 421.552 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3539.99	0.000000	-0.000037	-	-
Standard 2		12401.6	0.005000	0.005033	0.000033	0.7
Standard 3		39127.2	0.020000	0.020323	0.000323	1.6
Standard 4		179225	0.100000	0.100476	0.000476	0.5
Standard 5		873973	0.500000	0.497957	-0.002043	-0.4
Standard 6		3447047	2.00000	1.97007	-0.029931	-1.5

Curve Type: Linear Equation: y = 1747878.9 x + 3604.8

Ti 334.941 Calibration (mg/L) 3/29/2011, 12:32:58 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		45.3199	0.000000	-0.000021	-	-
Standard 2		1052.01	0.005000	0.004999	-0.000001	0.0
Standard 3		4120.21	0.020000	0.020299	0.000299	1.5
Standard 4		19785.9	0.100000	0.098420	-0.001580	-1.6
Standard 5		99411.9	0.500000	0.495497	-0.004503	-0.9
Standard 6		400971	2.00000	1.99930	-0.000700	0.0

Curve Type: Linear Equation: y = 200530.7 x + 49.6

Ti 336.122 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24.1850	0.000000	0.000084	-	-
Standard 2		427.013	0.005000	0.004863	-0.000137	-2.7
Standard 3		1715.26	0.020000	0.020144	0.000144	0.7
Standard 4		8310.32	0.100000	0.098377	-0.001623	-1.6
Standard 5		42015.9	0.500000	0.498204	-0.001796	-0.4
Standard 6		167946	2.00000	1.99203	-0.007973	-0.4

Curve Type: Linear Equation: y = 84300.5 x + 17.1

Ti 337.280 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.54878	0.000000	0.000210	-	-
Standard 2		144.482	0.005000	0.004957	-0.000043	-0.9
Standard 3		578.751	0.020000	0.020123	0.000123	0.6
Standard 4		2837.96	0.100000	0.099017	-0.000983	-1.0
Standard 5		14358.5	0.500000	0.501328	0.001328	0.3
Standard 6		57542.5	2.00000	2.00936	0.009360	0.5

Curve Type: Linear Equation: y = 28636.0 x + 2.5

Tl 190.794 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.25183	0.000000	-0.000250	-	-
Standard 3		6.02060	0.020000	0.019950	-0.000050	-0.3
Standard 4		24.9986	0.100000	0.100339	0.000339	0.3
Standard 5		119.718	0.500000	0.501566	0.001566	0.3
Standard 6		472.821	2.00000	1.99728	-0.002718	-0.1

Curve Type: Linear Equation: y = 236.1 x + 1.3

Tl 190.807 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.29767	0.000000	0.001727	-	-
Standard 3		3.14747	0.020000	0.017172	-0.002828	-14.1
Standard 4		12.9486	0.100000	0.099004	-0.000996	-1.0
Standard 5		61.3741	0.500000	0.503322	0.003322	0.7
Standard 6		240.168	2.00000	1.99612	-0.003881	-0.2

Curve Type: Linear Equation: y = 119.8 x + 1.1

Tl 351.923 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.87589	0.000000	0.000588	-	-
Standard 3		34.7753	0.020000	0.020986	0.000986	4.9
Standard 4		141.854	0.100000	0.096565	-0.003435	-3.4
Standard 5		710.492	0.500000	0.497922	-0.002078	-0.4
Standard 6		2840.83	2.00000	2.00156	0.001563	0.1

Curve Type: Linear Equation: y = 1416.8 x + 5.0

V 268.796 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		19.6918	0.000000	-0.000000	-	-
Standard 2		54.4872	0.005000	0.005002	0.000002	0.0
Standard 3		159.478	0.020000	0.020095	0.000095	0.5
Standard 4		706.113	0.100000	0.098679	-0.001321	-1.3
Standard 5		3523.87	0.500000	0.503756	0.003756	0.8
Standard 6		13971.1	2.00000	2.00563	0.005634	0.3

Curve Type: Linear Equation: y = 6956.1 x + 19.7

V 292.401 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		15.4207	0.000000	0.000020	-	-
Standard 2		135.433	0.005000	0.004952	-0.000048	-1.0
Standard 3		502.955	0.020000	0.020055	0.000055	0.3
Standard 4		2426.36	0.100000	0.099095	-0.000905	-0.9
Standard 5		12272.2	0.500000	0.503697	0.003697	0.7
Standard 6		48966.6	2.00000	2.01161	0.011609	0.6

Curve Type: Linear Equation: y = 24334.6 x + 14.9

V 311.837 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999996**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.34488	0.000000	0.000517	-	-
Standard 2		145.927	0.005000	0.004581	-0.000419	-8.4
Standard 3		660.988	0.020000	0.019159	-0.000841	-4.2
Standard 4		3417.53	0.100000	0.097176	-0.002824	-2.8
Standard 5		17929.6	0.500000	0.507903	0.007903	1.6
Standard 6		72259.3	2.00000	2.04557	0.045568	2.3

Curve Type: Linear Equation: y = 35332.6 x + -15.9

Zn 202.548 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999993**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		263.742	0.000000	-0.000124	-	-
Standard 2		289.509	0.005000	0.006820	0.001820	36.4
Standard 3		339.768	0.020000	0.020364	0.000364	1.8
Standard 4		629.577	0.100000	0.098467	-0.001533	-1.5
Standard 5		2137.56	0.500000	0.504861	0.004861	1.0
Standard 6		7652.02	2.00000	1.99099	-0.009014	-0.5

Curve Type: Linear Equation: y = 3710.6 x + 264.2

Zn 206.200 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		88.6140	0.000000	-0.000605	-	-
Standard 2		97.5647	0.005000	0.006588	0.001588	31.8
Standard 3		114.550	0.020000	0.020237	0.000237	1.2
Standard 4		211.786	0.100000	0.098374	-0.001626	-1.6
Standard 5		718.034	0.500000	0.505188	0.005188	1.0
Standard 6		2591.55	2.00000	2.01072	0.010716	0.5

Curve Type: Linear Equation: y = 1244.4 x + 89.4

Zn 213.857 Calibration (mg/L) **3/29/2011, 12:32:58 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		768.333	0.000000	-0.000250	-	-
Standard 2		836.551	0.005000	0.006044	0.001044	20.9
Standard 3		985.292	0.020000	0.019766	-0.000234	-1.2
Standard 4		1828.91	0.100000	0.097593	-0.002407	-2.4
Standard 5		6222.75	0.500000	0.502940	0.002940	0.6
Standard 6		22480.8	2.00000	2.00281	0.002809	0.1

Curve Type: Linear Equation: y = 10839.7 x + 771.0

SEQ-ICV1 (Samp) **3/29/2011, 12:44:27 PM** **Rack 1, Tube 1**

M_200.7_T_WW **ICV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.525904	mg/L	0.000594	0.1	23334.1	0.525904 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000749	0.1	1363.01	uncal mg/L	Y 371.029
Al 237.312	5.01807	mg/L	0.005212	0.1	5925.69	5.01807 mg/L	Y 371.029
Al 257.509	5.00348	mg/L	0.004486	0.1	2623.15	5.00348 mg/L	Y 371.029
Al 308.215	5.08697	mg/L	0.003257	0.1	26916.3	5.08697 mg/L	Y 371.029
As 188.980	1.00505	mg/L	0.009197	0.9	211.575	1.00505 mg/L	Y 371.029
As 193.696	1.00791	mg/L	0.005148	0.5	264.527	1.00791 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.023486	1.1	2132.66	uncal mg/L	Y 371.029
B 182.577	1.01149	mg/L	0.006511	0.6	353.888	1.01149 mg/L	Y 371.029
B 249.678	1.00535	mg/L	0.012709	1.3	7493.71	1.00535 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 249.772	1.00498	mg/L	0.013544	1.3	14349.9	1.00498 mg/L	Y 371.029
Ba 233.527	1.01718	mg/L	0.001270	0.1	29007.1	1.01718 mg/L	Y 371.029
Ba 455.403	0.995959	mg/L	0.001391	0.1	964294	0.995959 mg/L	Y 371.029
Ba 493.408	0.994822	mg/L	0.001087	0.1	616076	0.994822 mg/L	Y 371.029
Be 234.861	1.02919	mg/L	0.001920	0.2	84983.9	1.02919 mg/L	Y 371.029
Be 313.042	1.02115	mg/L	0.006990	0.7	1283095	1.02115 mg/L	Y 371.029
Be 313.107	1.02309	mg/L	0.007270	0.7	634425	1.02309 mg/L	Y 371.029
Ca 393.366	9.11373n	mg/L	0.010512	0.1	10112603	9.11373 mg/L	Y 371.029
Ca 396.847	8.79249	mg/L	0.006801	0.1	18282696	8.79249 mg/L	Y 371.029
Ca 430.253	9.67949	mg/L	0.040162	0.4	33467.6	9.67949 mg/L	Y 371.029
Cd 214.439	1.00835	mg/L	0.008617	0.9	9275.36	1.00835 mg/L	Y 371.029
Cd 226.502	1.00405	mg/L	0.002402	0.2	20837.4	1.00405 mg/L	Y 371.029
Cd 228.802	0.992127	mg/L	0.005086	0.5	10020.3	0.992127 mg/L	Y 371.029
Co 228.615	1.00391	mg/L	0.004182	0.4	5766.64	1.00391 mg/L	Y 371.029
Co 230.786	1.00312	mg/L	0.004506	0.4	4114.48	1.00312 mg/L	Y 371.029
Co 238.892	0.988866	mg/L	0.001694	0.2	3941.71	0.988866 mg/L	Y 371.029
Cr 205.560	1.01845	mg/L	0.000628	0.1	2829.05	1.01845 mg/L	Y 371.029
Cr 206.158	1.02981	mg/L	0.002562	0.2	1190.11	1.02981 mg/L	Y 371.029
Cr 267.716	1.00586	mg/L	0.001479	0.1	15554.0	1.00586 mg/L	Y 371.029
Cu 213.598	1.01396	mg/L	0.002637	0.3	2012.27	1.01396 mg/L	Y 371.029
Cu 324.754	0.998910	mg/L	0.004002	0.4	31796.6	0.998910 mg/L	Y 371.029
Cu 327.395	1.01470	mg/L	0.001047	0.1	43151.7	1.01470 mg/L	Y 371.029
Fe 234.350	4.92724	mg/L	0.004539	0.1	31069.7	4.92724 mg/L	Y 371.029
Fe 238.204	3.83315	mg/L	0.024322	0.6	64625.4	3.83315 mg/L	Y 371.029
Fe 259.940	4.42892	mg/L	0.043312	1.0	59000.9	4.42892 mg/L	Y 371.029
Ga 287.423	1.03190	mg/L	0.002250	0.2	1957.59	1.03190 mg/L	Y 371.029
Ga 294.363	1.00067	mg/L	0.001657	0.2	5184.42	1.00067 mg/L	Y 371.029
Ga 417.204	0.981692	mg/L	0.003216	0.3	8038.30	0.981692 mg/L	Y 371.029
K 766.491	9.63023	mg/L	0.032445	0.3	512759	9.63023 mg/L	Y 371.029
K 769.897	9.89773	mg/L	0.028195	0.3	443517	9.89773 mg/L	Y 371.029
Li 610.365	1.01221	mg/L	0.001977	0.2	33128.3	1.01221 mg/L	Y 371.029
Li 670.783	1.01755	mg/L	0.001534	0.2	2260740	1.01755 mg/L	Y 371.029
Mg 279.078	9.90310	mg/L	0.015450	0.2	9869.02	9.90310 mg/L	Y 371.029
Mg 280.270	10.0053	mg/L	0.012809	0.1	698269	10.0053 mg/L	Y 371.029
Mg 285.213	10.6961	mg/L	0.101884	1.0	284910	10.6961 mg/L	Y 371.029
Mn 257.610	0.991961	mg/L	0.009077	0.9	108528	0.991961 mg/L	Y 371.029
Mn 259.372	0.995417	mg/L	0.005952	0.6	82857.3	0.995417 mg/L	Y 371.029
Mn 260.568	1.00674	mg/L	0.008165	0.8	14468.4	1.00674 mg/L	Y 371.029
Mo 202.032	1.08990	mg/L	0.024024	2.2	2924.01	1.08990 mg/L	Y 371.029
Mo 203.846	1.07990	mg/L	0.022987	2.1	1224.88	1.07990 mg/L	Y 371.029
Mo 204.598	1.10739	mg/L	0.021194	1.9	1437.46	1.10739 mg/L	Y 371.029
Na 568.821	9.30796	mg/L	0.003466	0.0	2231.35	9.30796 mg/L	Y 371.029
Na 588.995	10.5115	mg/L	0.038496	0.4	4183976	10.5115 mg/L	Y 371.029
Na 589.592	10.6998	mg/L	0.021882	0.2	2261870	10.6998 mg/L	Y 371.029
Ni 216.555	1.00971	mg/L	0.003524	0.3	2976.78	1.00971 mg/L	Y 371.029
Ni 221.648	1.00698	mg/L	0.004035	0.4	1204.00	1.00698 mg/L	Y 371.029
Ni 231.604	1.01592	mg/L	0.003355	0.3	2156.42	1.01592 mg/L	Y 371.029
P 177.434	0.994681	mg/L	0.014791	1.5	100.297	0.994681 mg/L	Y 371.029
P 213.618	1.03668	mg/L	0.012475	1.2	375.598	1.03668 mg/L	Y 371.029
P 214.914	0.996023	mg/L	0.013076	1.3	103.280	0.996023 mg/L	Y 371.029
Pb 220.353	1.00415	mg/L	0.003745	0.4	659.414	1.00415 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Pb 261.417	0.772730	mg/L	0.006584	0.9	319.180	0.772730 mg/L	Y 371.029
Pb 405.781	0.983144	mg/L	0.001295	0.1	1174.40	0.983144 mg/L	Y 371.029
Sb 206.834	1.10122	mg/L	0.004535	0.4	516.119	1.10122 mg/L	Y 371.029
Sb 231.146	1.14881	mg/L	0.008396	0.7	448.319	1.14881 mg/L	Y 371.029
Sb 259.804	0.991285	mg/L	0.027421	2.8	288.326	0.991285 mg/L	Y 371.029
Se 196.026	1.01350	mg/L	0.008704	0.9	180.126	1.01350 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.015520	1.5	113.375	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.002331	0.2	1115.18	uncal mg/L	Y 371.029
Si 251.611	1.07021	mg/L	0.003023	0.3	1226.22	1.07021 mg/L	Y 371.029
Si 288.158	1.01383	mg/L	0.008006	0.8	6817.15	1.01383 mg/L	Y 371.029
Sn 189.927	1.00461	mg/L	0.004674	0.5	180.330	1.00461 mg/L	Y 371.029
Sn 283.998	0.971058	mg/L	0.004590	0.5	1769.90	0.971058 mg/L	Y 371.029
Sr 216.596	1.07020	mg/L	0.003884	0.4	5117.27	1.07020 mg/L	Y 371.029
Sr 407.771	1.01920	mg/L	0.004934	0.5	2750581	1.01920 mg/L	Y 371.029
Sr 421.552	1.03618	mg/L	0.004061	0.4	1815066	1.03618 mg/L	Y 371.029
Ti 334.941	1.00169	mg/L	0.000486	0.0	201166	1.00169 mg/L	Y 371.029
Ti 336.122	0.997486	mg/L	0.000814	0.1	84198.8	0.997486 mg/L	Y 371.029
Ti 337.280	1.01507	mg/L	0.001276	0.1	29101.0	1.01507 mg/L	Y 371.029
Tl 190.794	0.996250	mg/L	0.009563	1.0	237.368	0.996250 mg/L	Y 371.029
Tl 190.807	1.01282	mg/L	0.017504	1.7	122.868	1.01282 mg/L	Y 371.029
Tl 351.923	0.996824	mg/L	0.005152	0.5	1419.17	0.996824 mg/L	Y 371.029
V 268.796	0.973970	mg/L	0.001426	0.1	7538.60	0.973970 mg/L	Y 371.029
V 292.401	1.01762	mg/L	0.005886	0.6	24831.6	1.01762 mg/L	Y 371.029
V 311.837	1.01419	mg/L	0.000625	0.1	35879.3	1.01419 mg/L	Y 371.029
Zn 202.548	1.02583	mg/L	0.004944	0.5	4104.77	1.02583 mg/L	Y 371.029
Zn 206.200	1.02920	mg/L	0.001072	0.1	1374.76	1.02920 mg/L	Y 371.029
Zn 213.857	1.00863	mg/L	0.006715	0.7	11795.4	1.00863 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.851094	6824.74	28.603	0.4
Y 371.029	1.00979	166521	902.209	0.5

SEQ-ICV2 (Samp) **3/29/2011, 12:54:43 PM** **Rack 1, Tube 2**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.554050	mg/L	0.000065	0.0	24577.6	0.554050 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000496	0.1	1439.75	uncal mg/L	Y 371.029
Al 237.312	5.31278	mg/L	0.006477	0.1	6271.22	5.31278 mg/L	Y 371.029
Al 257.509	5.28602	mg/L	0.005188	0.1	2770.47	5.28602 mg/L	Y 371.029
Al 308.215	5.36526	mg/L	0.009566	0.2	28339.3	5.36526 mg/L	Y 371.029
As 188.980	1.06380	mg/L	0.002859	0.3	223.785	1.06380 mg/L	Y 371.029
As 193.696	1.05222	mg/L	0.003666	0.3	276.064	1.05222 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.040184	1.7	2249.92	uncal mg/L	Y 371.029
B 182.577	1.05995	mg/L	0.006033	0.6	370.689	1.05995 mg/L	Y 371.029
B 249.678	1.05528	mg/L	0.002912	0.3	7865.06	1.05528 mg/L	Y 371.029
B 249.772	1.05229	mg/L	0.002119	0.2	15024.2	1.05229 mg/L	Y 371.029
Ba 233.527	1.07623	mg/L	0.001420	0.1	30683.2	1.07623 mg/L	Y 371.029
Ba 455.403	1.05107	mg/L	0.001000	0.1	1017397	1.05107 mg/L	Y 371.029
Ba 493.408	1.05115	mg/L	0.002502	0.2	650795	1.05115 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 234.861	1.08507	mg/L	0.001819	0.2	89598.3	1.08507 mg/L	Y 371.029
Be 313.042	1.07932	mg/L	0.005274	0.5	1356137	1.07932 mg/L	Y 371.029
Be 313.107	1.08121	mg/L	0.005149	0.5	670462	1.08121 mg/L	Y 371.029
Ca 393.366	9.54248n	mg/L	0.015708	0.2	10587647	9.54248 mg/L	Y 371.029
Ca 396.847	9.25164	mg/L	0.012147	0.1	19236064	9.25164 mg/L	Y 371.029
Ca 430.253	10.2625	mg/L	0.014179	0.1	35460.7	10.2625 mg/L	Y 371.029
Cd 214.439	1.06828	mg/L	0.010660	1.0	9826.40	1.06828 mg/L	Y 371.029
Cd 226.502	1.06417	mg/L	0.001459	0.1	22084.6	1.06417 mg/L	Y 371.029
Cd 228.802	1.05160	mg/L	0.010425	1.0	10620.4	1.05160 mg/L	Y 371.029
Co 228.615	1.06205	mg/L	0.002065	0.2	6100.41	1.06205 mg/L	Y 371.029
Co 230.786	1.06326	mg/L	0.003747	0.4	4360.92	1.06326 mg/L	Y 371.029
Co 238.892	1.04726	mg/L	0.001780	0.2	4174.39	1.04726 mg/L	Y 371.029
Cr 205.560	1.07736	mg/L	0.002862	0.3	2992.52	1.07736 mg/L	Y 371.029
Cr 206.158	1.09023	mg/L	0.002740	0.3	1259.85	1.09023 mg/L	Y 371.029
Cr 267.716	1.06380	mg/L	0.002229	0.2	16449.2	1.06380 mg/L	Y 371.029
Cu 213.598	1.07444	mg/L	0.002562	0.2	2132.14	1.07444 mg/L	Y 371.029
Cu 324.754	1.05406	mg/L	0.003023	0.3	33525.5	1.05406 mg/L	Y 371.029
Cu 327.395	1.07326	mg/L	0.002163	0.2	45641.2	1.07326 mg/L	Y 371.029
Fe 234.350	5.18801	mg/L	0.014947	0.3	32714.3	5.18801 mg/L	Y 371.029
Fe 238.204	4.04474	mg/L	0.016881	0.4	68192.7	4.04474 mg/L	Y 371.029
Fe 259.940	4.64140	mg/L	0.017438	0.4	61833.0	4.64140 mg/L	Y 371.029
Ga 287.423	1.09105	mg/L	0.001139	0.1	2069.29	1.09105 mg/L	Y 371.029
Ga 294.363	1.05655	mg/L	0.000772	0.1	5473.59	1.05655 mg/L	Y 371.029
Ga 417.204	1.03773	mg/L	0.001262	0.1	8492.58	1.03773 mg/L	Y 371.029
K 766.491	10.1514	mg/L	0.010400	0.1	540434	10.1514 mg/L	Y 371.029
K 769.897	10.4496	mg/L	0.045081	0.4	467989	10.4496 mg/L	Y 371.029
Li 610.365	1.07004	mg/L	0.000904	0.1	35031.4	1.07004 mg/L	Y 371.029
Li 670.783	1.07548	mg/L	0.002372	0.2	2387358	1.07548 mg/L	Y 371.029
Mg 279.078	10.4660	mg/L	0.019352	0.2	10429.6	10.4660 mg/L	Y 371.029
Mg 280.270	10.4852	mg/L	0.073599	0.7	731748	10.4852 mg/L	Y 371.029
Mg 285.213	11.1245	mg/L	0.092158	0.8	296317	11.1245 mg/L	Y 371.029
Mn 257.610	1.04304	mg/L	0.004353	0.4	114125	1.04304 mg/L	Y 371.029
Mn 259.372	1.04695	mg/L	0.005998	0.6	87139.8	1.04695 mg/L	Y 371.029
Mn 260.568	1.05831	mg/L	0.004625	0.4	15209.9	1.05831 mg/L	Y 371.029
Mo 202.032	1.12390	mg/L	0.016287	1.4	3015.55	1.12390 mg/L	Y 371.029
Mo 203.846	1.10947	mg/L	0.024204	2.2	1258.57	1.10947 mg/L	Y 371.029
Mo 204.598	1.13643	mg/L	0.025260	2.2	1475.35	1.13643 mg/L	Y 371.029
Na 568.821	9.74533	mg/L	0.031072	0.3	2344.82	9.74533 mg/L	Y 371.029
Na 588.995	10.8228	mg/L	0.064088	0.6	4301952	10.8228 mg/L	Y 371.029
Na 589.592	11.3401	mg/L	0.033743	0.3	2388864	11.3401 mg/L	Y 371.029
Ni 216.555	1.06774	mg/L	0.001374	0.1	3147.72	1.06774 mg/L	Y 371.029
Ni 221.648	1.06917	mg/L	0.003843	0.4	1278.22	1.06917 mg/L	Y 371.029
Ni 231.604	1.07309	mg/L	0.004469	0.4	2277.59	1.07309 mg/L	Y 371.029
P 177.434	1.07170	mg/L	0.006695	0.6	107.898	1.07170 mg/L	Y 371.029
P 213.618	1.08929	mg/L	0.005687	0.5	394.629	1.08929 mg/L	Y 371.029
P 214.914	1.05651	mg/L	0.011771	1.1	109.429	1.05651 mg/L	Y 371.029
Pb 220.353	1.05973	mg/L	0.001542	0.1	695.754	1.05973 mg/L	Y 371.029
Pb 261.417	0.822381	mg/L	0.006575	0.8	339.678	0.822381 mg/L	Y 371.029
Pb 405.781	1.04861	mg/L	0.002541	0.2	1249.87	1.04861 mg/L	Y 371.029
Sb 206.834	1.13245	mg/L	0.000793	0.1	530.750	1.13245 mg/L	Y 371.029
Sb 231.146	1.18113	mg/L	0.008411	0.7	460.968	1.18113 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 259.804	0.974512	mg/L	0.025593	2.6	283.821	0.974512 mg/L	Y 371.029
Se 196.026	1.06568	mg/L	0.020118	1.9	189.292	1.06568 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.004968	0.4	120.686	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.003472	0.3	1166.66	uncal mg/L	Y 371.029
Si 251.611	1.12523	mg/L	0.003824	0.3	1285.25	1.12523 mg/L	Y 371.029
Si 288.158	1.05753	mg/L	0.005089	0.5	7068.72	1.05753 mg/L	Y 371.029
Sn 189.927	1.05907	mg/L	0.003437	0.3	189.989	1.05907 mg/L	Y 371.029
Sn 283.998	1.02892	mg/L	0.005516	0.5	1874.61	1.02892 mg/L	Y 371.029
Sr 216.596	1.13489	mg/L	0.003031	0.3	5426.02	1.13489 mg/L	Y 371.029
Sr 407.771	1.07734	mg/L	0.004873	0.5	2907172	1.07734 mg/L	Y 371.029
Sr 421.552	1.09024	mg/L	0.000663	0.1	1909577	1.09024 mg/L	Y 371.029
Ti 334.941	1.04846	mg/L	0.005150	0.5	210560	1.04846 mg/L	Y 371.029
Ti 336.122	1.04344	mg/L	0.006328	0.6	88077.7	1.04344 mg/L	Y 371.029
Ti 337.280	1.06892	mg/L	0.002091	0.2	30644.8	1.06892 mg/L	Y 371.029
Tl 190.794	1.05851	mg/L	0.003480	0.3	252.115	1.05851 mg/L	Y 371.029
Tl 190.807	1.05366	mg/L	0.006285	0.6	127.756	1.05366 mg/L	Y 371.029
Tl 351.923	1.04936	mg/L	0.004654	0.4	1493.70	1.04936 mg/L	Y 371.029
V 268.796	1.02947	mg/L	0.002929	0.3	7945.53	1.02947 mg/L	Y 371.029
V 292.401	1.07341	mg/L	0.005952	0.6	26192.2	1.07341 mg/L	Y 371.029
V 311.837	1.07364	mg/L	0.001587	0.1	37983.4	1.07364 mg/L	Y 371.029
Zn 202.548	1.09521	mg/L	0.001944	0.2	4364.22	1.09521 mg/L	Y 371.029
Zn 206.200	1.09239	mg/L	0.002217	0.2	1453.65	1.09239 mg/L	Y 371.029
Zn 213.857	1.06837	mg/L	0.002771	0.3	12448.5	1.06837 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.859896	6895.32	23.256	0.3
Y 371.029	1.01681	167679	682.535	0.4

SEQ-ICB1 (Samp) **3/29/2011, 12:58:57 PM** **Rack 1, Tube 3**

M_200.7_T_WW **ICB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000587	mg/L	0.000201	34.3	120.425	0.000587 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000280	15.8	3.16106	uncal mg/L	Y 371.029
Al 237.312	0.000000uv	mg/L	0.001659	2413187.4	42.3633	0.000000 mg/L	Y 371.029
Al 257.509	0.004563	mg/L	0.003474	76.1	16.8704	0.004563 mg/L	Y 371.029
Al 308.215	-0.007971uv	mg/L	0.001242	15.6	853.543	-0.007971 mg/L	Y 371.029
As 188.980	0.006802uv	mg/L	0.007815	114.9	4.15222	0.006802 mg/L	Y 371.029
As 193.696	0.006712	mg/L	0.002288	34.1	3.87783	0.006712 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.000161	39.4	7.25674	uncal mg/L	Y 371.029
B 182.577	0.008195	mg/L	0.001724	21.0	6.12089	0.008195 mg/L	Y 371.029
B 249.678	0.007757	mg/L	0.001433	18.5	77.1597	0.007757 mg/L	Y 371.029
B 249.772	0.008077	mg/L	0.001346	16.7	149.993	0.008077 mg/L	Y 371.029
Ba 233.527	0.000072uv	mg/L	0.000099	138.1	133.843	0.000072 mg/L	Y 371.029
Ba 455.403	-0.000121uv	mg/L	0.000011	8.9	4447.18	-0.000121 mg/L	Y 371.029
Ba 493.408	-0.000108uv	mg/L	0.000007	6.3	2889.27	-0.000108 mg/L	Y 371.029
Be 234.861	0.000024	mg/L	0.000003	12.6	0.688672	0.000024 mg/L	Y 371.029
Be 313.042	0.000009uv	mg/L	0.000018	197.2	790.854	0.000009 mg/L	Y 371.029
Be 313.107	0.000084	mg/L	0.000025	29.8	32.1783	0.000084 mg/L	Y 371.029
Ca 393.366	0.000004nuv	mg/L	0.000145	3480.8	15920.0	0.000004 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ca 396.847	-0.000246uv	mg/L	0.000150	60.8	26443.7	-0.000246 mg/L	Y 371.029
Ca 430.253	0.008273	mg/L	0.002663	32.2	401.284	0.008273 mg/L	Y 371.029
Cd 214.439	-0.000100uv	mg/L	0.000039	39.3	2.75658	-0.000100 mg/L	Y 371.029
Cd 226.502	0.000053uv	mg/L	0.000107	203.9	11.3539	0.000053 mg/L	Y 371.029
Cd 228.802	-0.000011uv	mg/L	0.000083	757.3	9.50062	-0.000011 mg/L	Y 371.029
Co 228.615	-0.000196uv	mg/L	0.000100	50.9	0.872754	-0.000196 mg/L	Y 371.029
Co 230.786	0.000127uv	mg/L	0.000271	213.3	3.62479	0.000127 mg/L	Y 371.029
Co 238.892	0.000300	mg/L	0.000185	61.6	3.88193	0.000300 mg/L	Y 371.029
Cr 205.560	0.000170	mg/L	0.000208	122.3	3.16424	0.000170 mg/L	Y 371.029
Cr 206.158	0.000059uv	mg/L	0.000443	746.1	1.52519	0.000059 mg/L	Y 371.029
Cr 267.716	0.000119	mg/L	0.000084	71.1	15.0434	0.000119 mg/L	Y 371.029
Cu 213.598	0.000448	mg/L	0.000341	76.2	1.12347	0.000448 mg/L	Y 371.029
Cu 324.754	-0.000917uv	mg/L	0.000107	11.7	446.395	-0.000917 mg/L	Y 371.029
Cu 327.395	-0.000015uv	mg/L	0.000110	716.4	15.0504	-0.000015 mg/L	Y 371.029
Fe 234.350	0.001865	mg/L	0.000136	7.3	29.4253	0.001865 mg/L	Y 371.029
Fe 238.204	0.000994	mg/L	0.000225	22.6	40.6669	0.000994 mg/L	Y 371.029
Fe 259.940	0.000365uv	mg/L	0.000404	110.5	44.2293	0.000365 mg/L	Y 371.029
Ga 287.423	-0.000810uv	mg/L	0.000691	85.3	4.56653	-0.000810 mg/L	Y 371.029
Ga 294.363	0.000188	mg/L	0.000146	77.8	7.26765	0.000188 mg/L	Y 371.029
Ga 417.204	0.000415uv	mg/L	0.000792	190.7	52.1287	0.000415 mg/L	Y 371.029
K 766.491	-0.000676uv	mg/L	0.000278	41.2	1351.99	-0.000676 mg/L	Y 371.029
K 769.897	0.001358	mg/L	0.000474	34.9	4665.17	0.001358 mg/L	Y 371.029
Li 610.365	0.007559	mg/L	0.000088	1.2	64.9585	0.007559 mg/L	Y 371.029
Li 670.783	0.000104	mg/L	0.000012	11.1	37037.1	0.000104 mg/L	Y 371.029
Mg 279.078	0.001359	mg/L	0.001149	84.5	8.02020	0.001359 mg/L	Y 371.029
Mg 280.270	-0.000345uv	mg/L	0.000189	54.7	229.081	-0.000345 mg/L	Y 371.029
Mg 285.213	-0.000699uv	mg/L	0.000237	33.9	77.8966	-0.000699 mg/L	Y 371.029
Mn 257.610	0.000019uv	mg/L	0.000020	107.2	8.41017	0.000019 mg/L	Y 371.029
Mn 259.372	0.000054	mg/L	0.000048	88.8	25.7028	0.000054 mg/L	Y 371.029
Mn 260.568	0.000049uv	mg/L	0.000052	106.3	3.48025	0.000049 mg/L	Y 371.029
Mo 202.032	0.021075	mg/L	0.003068	14.6	58.9480	0.021075 mg/L	Y 371.029
Mo 203.846	0.021974	mg/L	0.002659	12.1	27.0083	0.021974 mg/L	Y 371.029
Mo 204.598	0.020536	mg/L	0.004116	20.0	28.5468	0.020536 mg/L	Y 371.029
Na 568.821	0.922025	mg/L	0.022572	2.4	56.3124	0.922025 mg/L	Y 371.029
Na 588.995	-0.269232uv	mg/L	0.000387	0.1	101237	-0.269232 mg/L	Y 371.029
Na 589.592	-0.457056uv	mg/L	0.000265	0.1	48948.3	-0.457056 mg/L	Y 371.029
Ni 216.555	0.000169uv	mg/L	0.000751	444.0	2.43825	0.000169 mg/L	Y 371.029
Ni 221.648	0.000891	mg/L	0.000184	20.7	2.67186	0.000891 mg/L	Y 371.029
Ni 231.604	0.000148	mg/L	0.000180	121.2	3.21041	0.000148 mg/L	Y 371.029
P 177.434	-0.003604uv	mg/L	0.002174	60.3	1.73327	-0.003604 mg/L	Y 371.029
P 213.618	0.000406uv	mg/L	0.002119	522.4	1.65730	0.000406 mg/L	Y 371.029
P 214.914	-0.002019uv	mg/L	0.003763	186.4	1.37711	-0.002019 mg/L	Y 371.029
Pb 220.353	0.001709uv	mg/L	0.003431	200.8	3.89269	0.001709 mg/L	Y 371.029
Pb 261.417	0.004267	mg/L	0.001326	31.1	1.82833	0.004267 mg/L	Y 371.029
Pb 405.781	-0.000535uv	mg/L	0.004384	820.0	38.0976	-0.000535 mg/L	Y 371.029
Sb 206.834	0.005452	mg/L	0.003553	65.2	6.32674	0.005452 mg/L	Y 371.029
Sb 231.146	0.004675uv	mg/L	0.005036	107.7	4.85000	0.004675 mg/L	Y 371.029
Sb 259.804	0.005252	mg/L	0.003464	66.0	4.48271	0.005252 mg/L	Y 371.029
Se 196.026	0.018333	mg/L	0.003423	18.7	5.35697	0.018333 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.000552	2.5	2.82129	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.001767	75.9	95.9872	uncal mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Si 251.611	0.029348	mg/L	0.001845	6.3	106.498	0.029348 mg/L	Y 371.029
Si 288.158	0.029542	mg/L	0.000642	2.2	1159.37	0.029542 mg/L	Y 371.029
Sn 189.927	-0.001153uv	mg/L	0.000349	30.3	1.96415	-0.001153 mg/L	Y 371.029
Sn 283.998	0.001361uv	mg/L	0.001909	140.2	3.89008	0.001361 mg/L	Y 371.029
Sr 216.596	0.000446	mg/L	0.000290	65.0	11.1914	0.000446 mg/L	Y 371.029
Sr 407.771	-0.000026uv	mg/L	0.000011	43.4	5542.94	-0.000026 mg/L	Y 371.029
Sr 421.552	-0.000033uv	mg/L	0.000014	41.8	3546.97	-0.000033 mg/L	Y 371.029
Ti 334.941	0.001659	mg/L	0.000472	28.4	381.628	0.001659 mg/L	Y 371.029
Ti 336.122	0.001531	mg/L	0.000465	30.4	145.885	0.001531 mg/L	Y 371.029
Ti 337.280	0.001468	mg/L	0.000513	34.9	44.4884	0.001468 mg/L	Y 371.029
Tl 190.794	0.002785	mg/L	0.001297	46.6	1.96749	0.002785 mg/L	Y 371.029
Tl 190.807	0.001178uv	mg/L	0.006229	528.9	1.24711	0.001178 mg/L	Y 371.029
Tl 351.923	0.002279uv	mg/L	0.003656	160.4	8.27951	0.002279 mg/L	Y 371.029
V 268.796	0.000444	mg/L	0.000207	46.6	34.9620	0.000444 mg/L	Y 371.029
V 292.401	0.000114uv	mg/L	0.000217	190.0	17.5961	0.000114 mg/L	Y 371.029
V 311.837	0.000644	mg/L	0.000140	21.7	6.80927	0.000644 mg/L	Y 371.029
Zn 202.548	0.001934	mg/L	0.000203	10.5	271.259	0.001934 mg/L	Y 371.029
Zn 206.200	0.000962	mg/L	0.000638	66.3	90.5274	0.000962 mg/L	Y 371.029
Zn 213.857	0.000276uv	mg/L	0.000302	109.4	773.680	0.000276 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.856968	6871.84	15.062	0.2
Y 371.029	1.01883	168012	353.231	0.2

SEQ-LCV1 (Samp) **3/29/2011, 1:01:57 PM** **Rack 1, Tube 4**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.004169	mg/L	0.000167	4.0	278.634	0.004169 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000495	16.1	6.47515	uncal mg/L	Y 371.029
Al 237.312	0.097683	mg/L	0.002825	2.9	156.919	0.097683 mg/L	Y 371.029
Al 257.509	0.100790	mg/L	0.004514	4.5	67.0288	0.100790 mg/L	Y 371.029
Al 308.215	0.093248	mg/L	0.000751	0.8	1371.53	0.093248 mg/L	Y 371.029
As 188.980	0.026904	mg/L	0.004328	16.1	8.33043	0.026904 mg/L	Y 371.029
As 193.696	0.024316	mg/L	0.003718	15.3	8.45976	0.024316 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002871	11.6	30.1719	uncal mg/L	Y 371.029
B 182.577	0.024168	mg/L	0.000842	3.5	11.6578	0.024168 mg/L	Y 371.029
B 249.678	0.024463	mg/L	0.000181	0.7	201.340	0.024463 mg/L	Y 371.029
B 249.772	0.024231	mg/L	0.000146	0.6	379.555	0.024231 mg/L	Y 371.029
Ba 233.527	0.020159	mg/L	0.000102	0.5	704.024	0.020159 mg/L	Y 371.029
Ba 455.403	0.020257	mg/L	0.000051	0.3	24083.4	0.020257 mg/L	Y 371.029
Ba 493.408	0.020360	mg/L	0.000030	0.1	15503.7	0.020360 mg/L	Y 371.029
Be 234.861	0.020356	mg/L	0.000073	0.4	1679.85	0.020356 mg/L	Y 371.029
Be 313.042	0.020379	mg/L	0.000039	0.2	26370.5	0.020379 mg/L	Y 371.029
Be 313.107	0.020251	mg/L	0.000047	0.2	12538.1	0.020251 mg/L	Y 371.029
Ca 393.366	0.234238n	mg/L	0.000585	0.2	275380	0.234238 mg/L	Y 371.029
Ca 396.847	0.206730	mg/L	0.000362	0.2	456145	0.206730 mg/L	Y 371.029
Ca 430.253	0.233341	mg/L	0.003842	1.6	1170.09	0.233341 mg/L	Y 371.029
Cd 214.439	0.009863	mg/L	0.000174	1.8	94.3655	0.009863 mg/L	Y 371.029
Cd 226.502	0.009903	mg/L	0.000093	0.9	215.684	0.009903 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 228.802	0.009873	mg/L	0.000202	2.0	109.241	0.009873 mg/L	Y 371.029
Co 228.615	0.019321	mg/L	0.000373	1.9	112.890	0.019321 mg/L	Y 371.029
Co 230.786	0.020122	mg/L	0.000178	0.9	85.5688	0.020122 mg/L	Y 371.029
Co 238.892	0.019939	mg/L	0.000350	1.8	82.4042	0.019939 mg/L	Y 371.029
Cr 205.560	0.019843	mg/L	0.000142	0.7	57.7356	0.019843 mg/L	Y 371.029
Cr 206.158	0.019706	mg/L	0.000292	1.5	24.1905	0.019706 mg/L	Y 371.029
Cr 267.716	0.020242	mg/L	0.000340	1.7	325.809	0.020242 mg/L	Y 371.029
Cu 213.598	0.018674	mg/L	0.000107	0.6	37.2747	0.018674 mg/L	Y 371.029
Cu 324.754	0.019236	mg/L	0.000249	1.3	1078.13	0.019236 mg/L	Y 371.029
Cu 327.395	0.019822	mg/L	0.000099	0.5	857.783	0.019822 mg/L	Y 371.029
Fe 234.350	0.019850	mg/L	0.000339	1.7	147.071	0.019850 mg/L	Y 371.029
Fe 238.204	0.014717	mg/L	0.000145	1.0	279.463	0.014717 mg/L	Y 371.029
Fe 259.940	0.016178	mg/L	0.000205	1.3	260.074	0.016178 mg/L	Y 371.029
Ga 287.423	0.018603	mg/L	0.002322	12.5	40.4907	0.018603 mg/L	Y 371.029
Ga 294.363	0.019090	mg/L	0.000358	1.9	105.039	0.019090 mg/L	Y 371.029
Ga 417.204	0.019407	mg/L	0.000377	1.9	206.397	0.019407 mg/L	Y 371.029
K 766.491	0.203158	mg/L	0.000145	0.1	12175.2	0.203158 mg/L	Y 371.029
K 769.897	0.199590	mg/L	0.000045	0.0	13455.4	0.199590 mg/L	Y 371.029
Li 610.365	0.036195	mg/L	0.000232	0.6	1007.37	0.036195 mg/L	Y 371.029
Li 670.783	0.040612	mg/L	0.000065	0.2	125535	0.040612 mg/L	Y 371.029
Mg 279.078	0.197649	mg/L	0.000410	0.2	203.476	0.197649 mg/L	Y 371.029
Mg 280.270	0.208753	mg/L	0.000055	0.0	14815.1	0.208753 mg/L	Y 371.029
Mg 285.213	0.205566	mg/L	0.001004	0.5	5570.57	0.205566 mg/L	Y 371.029
Mn 257.610	0.019932	mg/L	0.000056	0.3	2185.82	0.019932 mg/L	Y 371.029
Mn 259.372	0.020067	mg/L	0.000038	0.2	1685.92	0.020067 mg/L	Y 371.029
Mn 260.568	0.019891	mg/L	0.000209	1.1	288.529	0.019891 mg/L	Y 371.029
Mo 202.032	0.051065	mg/L	0.002667	5.2	139.075	0.051065 mg/L	Y 371.029
Mo 203.846	0.051285	mg/L	0.003020	5.9	60.0771	0.051285 mg/L	Y 371.029
Mo 204.598	0.051451	mg/L	0.002538	4.9	68.4783	0.051451 mg/L	Y 371.029
Na 568.821	0.966340	mg/L	0.038348	4.0	68.1326	0.966340 mg/L	Y 371.029
Na 588.995	-0.015373uv	mg/L	0.000301	2.0	197363	-0.015373 mg/L	Y 371.029
Na 589.592	-0.238625uv	mg/L	0.000694	0.3	92268.8	-0.238625 mg/L	Y 371.029
Ni 216.555	0.039680	mg/L	0.000215	0.5	118.487	0.039680 mg/L	Y 371.029
Ni 221.648	0.039852	mg/L	0.000458	1.1	49.0570	0.039852 mg/L	Y 371.029
Ni 231.604	0.040968	mg/L	0.000528	1.3	89.4811	0.040968 mg/L	Y 371.029
P 177.434	0.019067	mg/L	0.009181	48.2	3.97048	0.019067 mg/L	Y 371.029
P 213.618	0.016332	mg/L	0.005042	30.9	7.42121	0.016332 mg/L	Y 371.029
P 214.914	0.019335	mg/L	0.003033	15.7	3.55029	0.019335 mg/L	Y 371.029
Pb 220.353	0.040629	mg/L	0.001851	4.6	29.3405	0.040629 mg/L	Y 371.029
Pb 261.417	0.032206	mg/L	0.004403	13.7	13.3801	0.032206 mg/L	Y 371.029
Pb 405.781	0.042403	mg/L	0.002142	5.1	87.4783	0.042403 mg/L	Y 371.029
Sb 206.834	0.046292	mg/L	0.002852	6.2	25.2584	0.046292 mg/L	Y 371.029
Sb 231.146	0.042329	mg/L	0.001611	3.8	19.3877	0.042329 mg/L	Y 371.029
Sb 259.804	0.048073	mg/L	0.001817	3.8	16.6499	0.048073 mg/L	Y 371.029
Se 196.026	0.048695	mg/L	0.007880	16.2	10.6874	0.048695 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.004215	8.8	5.57305	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.000590	6.2	103.205	uncal mg/L	Y 371.029
Si 251.611	0.037633	mg/L	0.000749	2.0	115.726	0.037633 mg/L	Y 371.029
Si 288.158	0.037078	mg/L	0.000196	0.5	1202.87	0.037078 mg/L	Y 371.029
Sn 189.927	0.039502	mg/L	0.000448	1.1	9.17082	0.039502 mg/L	Y 371.029
Sn 283.998	0.040618	mg/L	0.002175	5.4	61.9716	0.040618 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 216.596	0.020130	mg/L	0.000294	1.5	105.084	0.020130 mg/L	Y 371.029
Sr 407.771	0.020036	mg/L	0.000165	0.8	59573.9	0.020036 mg/L	Y 371.029
Sr 421.552	0.020164	mg/L	0.000185	0.9	38855.4	0.020164 mg/L	Y 371.029
Ti 334.941	0.020928	mg/L	0.000237	1.1	4249.85	0.020928 mg/L	Y 371.029
Ti 336.122	0.020811	mg/L	0.000369	1.8	1772.79	0.020811 mg/L	Y 371.029
Ti 337.280	0.020751	mg/L	0.000400	1.9	597.220	0.020751 mg/L	Y 371.029
Tl 190.794	0.021876	mg/L	0.002292	10.5	6.49023	0.021876 mg/L	Y 371.029
Tl 190.807	0.019508	mg/L	0.003158	16.2	3.45911	0.019508 mg/L	Y 371.029
Tl 351.923	0.023014	mg/L	0.000982	4.3	37.7017	0.023014 mg/L	Y 371.029
V 268.796	0.020339	mg/L	0.000251	1.2	193.355	0.020339 mg/L	Y 371.029
V 292.401	0.020132	mg/L	0.000195	1.0	505.505	0.020132 mg/L	Y 371.029
V 311.837	0.019018	mg/L	0.000029	0.2	656.906	0.019018 mg/L	Y 371.029
Zn 202.548	0.022534	mg/L	0.000175	0.8	348.302	0.022534 mg/L	Y 371.029
Zn 206.200	0.021764	mg/L	0.000664	3.1	116.494	0.021764 mg/L	Y 371.029
Zn 213.857	0.020236	mg/L	0.000383	1.9	992.352	0.020236 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.853661	6845.32	10.870	0.2
Y 371.029	1.01457	167309	261.388	0.2

SEQ-HCV1 (Samp) **3/29/2011, 1:05:40 PM** **Rack 1, Tube 5**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.668012b	mg/L	0.001877	0.3	29604.3	0.668012 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.006113	0.8	1883.44	uncal mg/L	Y 371.029
Al 237.312	51.7807b	mg/L	0.163727	0.3	60774.2	51.7807 mg/L	Y 371.029
Al 257.509	51.4396b	mg/L	0.088867	0.2	26831.8	51.4396 mg/L	Y 371.029
Al 308.215	52.1894b	mg/L	0.116686	0.2	268195	52.1894 mg/L	Y 371.029
As 188.980	10.1337b	mg/L	0.073167	0.7	2107.66	10.1337 mg/L	Y 371.029
As 193.696	10.2193b	mg/L	0.046956	0.5	2661.07	10.2193 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.054455	0.4	12124.8	uncal mg/L	Y 371.029
B 182.577	10.2002b	mg/L	0.086934	0.9	3538.07	10.2002 mg/L	Y 371.029
B 249.678	10.3726b	mg/L	0.081059	0.8	77101.5	10.3726 mg/L	Y 371.029
B 249.772	10.1111b	mg/L	0.115818	1.1	143692	10.1111 mg/L	Y 371.029
Ba 233.527	9.89898b	mg/L	0.037501	0.4	281140	9.89898 mg/L	Y 371.029
Ba 455.403	9.15954b	mg/L	0.026734	0.3	8830980	9.15954 mg/L	Y 371.029
Ba 493.408	9.40132b	mg/L	0.030634	0.3	5797040	9.40132 mg/L	Y 371.029
Be 234.861	10.3874b	mg/L	0.070618	0.7	857854	10.3874 mg/L	Y 371.029
Be 313.042	9.33120b	mg/L	0.025850	0.3	11718493	9.33120 mg/L	Y 371.029
Be 313.107	9.54535b	mg/L	0.025978	0.3	5919280	9.54535 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.330656	1.0	38251104	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.281085	1.4	40710652	- mg/L	Y 371.029
Ca 430.253	105.439b	mg/L	0.190215	0.2	360777	105.439 mg/L	Y 371.029
Cd 214.439	4.90583b	mg/L	0.042266	0.9	45112.4	4.90583 mg/L	Y 371.029
Cd 226.502	4.84010b	mg/L	0.019152	0.4	100409	4.84010 mg/L	Y 371.029
Cd 228.802	5.08144b	mg/L	0.025383	0.5	51290.0	5.08144 mg/L	Y 371.029
Co 228.615	9.84629b	mg/L	0.039997	0.4	56486.9	9.84629 mg/L	Y 371.029
Co 230.786	9.82757b	mg/L	0.037159	0.4	40264.0	9.82757 mg/L	Y 371.029
Co 238.892	9.86392b	mg/L	0.030188	0.3	39444.9	9.86392 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 205.560	9.97896b	mg/L	0.057693	0.6	27687.0	9.97896 mg/L	Y 371.029
Cr 206.158	9.90912b	mg/L	0.052769	0.5	11434.1	9.90912 mg/L	Y 371.029
Cr 267.716	9.86449b	mg/L	0.034028	0.3	152369	9.86449 mg/L	Y 371.029
Cu 213.598	9.79869b	mg/L	0.072781	0.7	19461.4	9.79869 mg/L	Y 371.029
Cu 324.754	10.2529b	mg/L	0.023812	0.2	321836	10.2529 mg/L	Y 371.029
Cu 327.395	10.2564b	mg/L	0.030888	0.3	435731	10.2564 mg/L	Y 371.029
Fe 234.350	9.49413b	mg/L	0.027377	0.3	62097.9	9.49413 mg/L	Y 371.029
Fe 238.204	7.23212b	mg/L	0.063075	0.9	125990	7.23212 mg/L	Y 371.029
Fe 259.940	8.35255b	mg/L	0.069299	0.8	114143	8.35255 mg/L	Y 371.029
Ga 287.423	10.6029b	mg/L	0.033983	0.3	19624.7	10.6029 mg/L	Y 371.029
Ga 294.363	10.3538b	mg/L	0.020088	0.2	53568.4	10.3538 mg/L	Y 371.029
Ga 417.204	10.4006b	mg/L	0.043154	0.4	84303.7	10.4006 mg/L	Y 371.029
K 766.491	83.9451b	mg/L	0.210723	0.3	4459383	83.9451 mg/L	Y 371.029
K 769.897	96.9711b	mg/L	0.228696	0.2	4305667	96.9711 mg/L	Y 371.029
Li 610.365	23.2761b	mg/L	0.090217	0.4	765834	23.2761 mg/L	Y 371.029
Li 670.783	-ob	mg/L	0.299323	1.9	33688616	- mg/L	Y 371.029
Mg 279.078	101.476b	mg/L	0.363784	0.4	101048	101.476 mg/L	Y 371.029
Mg 280.270	67.5521b	mg/L	0.360591	0.5	4713356	67.5521 mg/L	Y 371.029
Mg 285.213	92.5794b	mg/L	0.295483	0.3	2465516	92.5794 mg/L	Y 371.029
Mn 257.610	9.51612b	mg/L	0.030320	0.3	1041827	9.51612 mg/L	Y 371.029
Mn 259.372	9.60647b	mg/L	0.038627	0.4	799820	9.60647 mg/L	Y 371.029
Mn 260.568	9.83731b	mg/L	0.070483	0.7	141351	9.83731 mg/L	Y 371.029
Mo 202.032	21.7271b	mg/L	0.213927	1.0	58120.0	21.7271 mg/L	Y 371.029
Mo 203.846	21.9593b	mg/L	0.315489	1.4	24804.1	21.9593 mg/L	Y 371.029
Mo 204.598	22.3963b	mg/L	0.258135	1.2	28964.3	22.3963 mg/L	Y 371.029
Na 568.821	100.257b	mg/L	0.034714	0.0	25829.7	100.257 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.359405	0.5	30074504	- mg/L	Y 371.029
Na 589.592	101.175b	mg/L	0.463228	0.5	20210328	101.175 mg/L	Y 371.029
Ni 216.555	19.5914b	mg/L	0.076609	0.4	57544.0	19.5914 mg/L	Y 371.029
Ni 221.648	19.4619b	mg/L	0.082433	0.4	23173.3	19.4619 mg/L	Y 371.029
Ni 231.604	19.4993b	mg/L	0.083567	0.4	41215.7	19.4993 mg/L	Y 371.029
P 177.434	10.1491b	mg/L	0.028225	0.3	1003.55	10.1491 mg/L	Y 371.029
P 213.618	10.5083b	mg/L	0.044168	0.4	3792.92	10.5083 mg/L	Y 371.029
P 214.914	9.96330b	mg/L	0.017940	0.2	1023.72	9.96330 mg/L	Y 371.029
Pb 220.353	19.5716b	mg/L	0.083843	0.4	12799.9	19.5716 mg/L	Y 371.029
Pb 261.417	20.4024b	mg/L	0.047341	0.2	8445.82	20.4024 mg/L	Y 371.029
Pb 405.781	20.9850b	mg/L	0.039197	0.2	24194.1	20.9850 mg/L	Y 371.029
Sb 206.834	20.7972b	mg/L	0.220432	1.1	9648.00	20.7972 mg/L	Y 371.029
Sb 231.146	21.0826b	mg/L	0.260628	1.2	8141.02	21.0826 mg/L	Y 371.029
Sb 259.804	22.2960b	mg/L	0.290787	1.3	6335.43	22.2960 mg/L	Y 371.029
Se 196.026	21.2116b	mg/L	0.075619	0.4	3724.59	21.2116 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.038805	0.2	2252.66	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.451142	2.3	19702.8	uncal mg/L	Y 371.029
Si 251.611	20.4793b	mg/L	0.486045	2.4	21980.9	20.4793 mg/L	Y 371.029
Si 288.158	19.1115b	mg/L	0.399138	2.1	110627	19.1115 mg/L	Y 371.029
Sn 189.927	19.6777b	mg/L	0.094985	0.5	3490.68	19.6777 mg/L	Y 371.029
Sn 283.998	19.6034b	mg/L	0.063757	0.3	29080.0	19.6034 mg/L	Y 371.029
Sr 216.596	9.96410b	mg/L	0.043997	0.4	47538.4	9.96410 mg/L	Y 371.029
Sr 407.771	8.35567b	mg/L	0.053483	0.6	22510530	8.35567 mg/L	Y 371.029
Sr 421.552	8.92124b	mg/L	0.030061	0.3	15600191	8.92124 mg/L	Y 371.029
Ti 334.941	9.74423b	mg/L	0.064548	0.7	1956224	9.74423 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ti 336.122	9.81203b	mg/L	0.062884	0.6	828041	9.81203 mg/L	Y 371.029
Ti 337.280	10.0598b	mg/L	0.020894	0.2	288371	10.0598 mg/L	Y 371.029
Tl 190.794	9.81732b	mg/L	0.045297	0.5	2326.71	9.81732 mg/L	Y 371.029
Tl 190.807	9.84925b	mg/L	0.048316	0.5	1195.92	9.84925 mg/L	Y 371.029
Tl 351.923	10.3745b	mg/L	0.044226	0.4	14723.8	10.3745 mg/L	Y 371.029
V 268.796	10.0673b	mg/L	0.133058	1.3	85061.4	10.0673 mg/L	Y 371.029
V 292.401	10.0453b	mg/L	0.074496	0.7	244865	10.0453 mg/L	Y 371.029
V 311.837	10.2077b	mg/L	0.032003	0.3	361128	10.2077 mg/L	Y 371.029
Zn 202.548	9.61019b	mg/L	0.042795	0.4	36272.7	9.61019 mg/L	Y 371.029
Zn 206.200	9.71277b	mg/L	0.040543	0.4	12229.1	9.71277 mg/L	Y 371.029
Zn 213.857	9.84517b	mg/L	0.115396	1.2	108751	9.84517 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.789636	6331.92	15.128	0.2
Y 371.029	0.950745	156785	493.972	0.3

SEQ-IFA1 (Samp) **3/29/2011, 1:15:03 PM** **Rack 1, Tube 6**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001799uv	mg/L	0.000063	3.5	91.4599	0.001799 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001517	2.4	92.1728	uncal mg/L	Y 371.029
Al 237.312	96.6112	mg/L	0.334732	0.3	113282	96.6112 mg/L	Y 371.029
Al 257.509	98.0395	mg/L	0.464901	0.5	51146.8	98.0395 mg/L	Y 371.029
Al 308.215	99.0110	mg/L	0.534638	0.5	506774	99.0110 mg/L	Y 371.029
As 188.980	0.027200	mg/L	0.005208	19.1	4.11747	0.027200 mg/L	Y 371.029
As 193.696	-0.008933uv	mg/L	0.002627	29.4	0.906116	-0.008933 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.523683	3.1	17428.2	uncal mg/L	Y 371.029
B 182.577	0.001193	mg/L	0.001885	158.0	7.35050	0.001193 mg/L	Y 371.029
B 249.678	-0.010804	mg/L	0.000249	2.3	78.1165	-0.010804 mg/L	Y 371.029
B 249.772	0.002793	mg/L	0.000867	31.1	946.061	0.002793 mg/L	Y 371.029
Ba 233.527	-0.003531	mg/L	0.000105	3.0	220.600	-0.003531 mg/L	Y 371.029
Ba 455.403	-0.002794uv	mg/L	0.000019	0.7	4552.37	-0.002794 mg/L	Y 371.029
Ba 493.408	-0.002828	mg/L	0.000031	1.1	3253.09	-0.002828 mg/L	Y 371.029
Be 234.861	-0.001110uv	mg/L	0.000410	36.9	-327.870	-0.001110 mg/L	Y 371.029
Be 313.042	0.000217	mg/L	0.000003	1.4	1816.12	0.000217 mg/L	Y 371.029
Be 313.107	0.000270	mg/L	0.000005	1.7	11.7226	0.000270 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.411980	1.2	37166244	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.332426	1.7	40052432	- mg/L	Y 371.029
Ca 430.253	95.6076	mg/L	0.351708	0.4	327376	95.6076 mg/L	Y 371.029
Cd 214.439	9.17715	mg/L	0.053948	0.6	84386.9	9.17715 mg/L	Y 371.029
Cd 226.502	9.22842	mg/L	0.043485	0.5	191481	9.22842 mg/L	Y 371.029
Cd 228.802	9.33160	mg/L	0.193816	2.1	94164.6	9.33160 mg/L	Y 371.029
Co 228.615	0.006012	mg/L	0.000250	4.2	88.9763	0.006012 mg/L	Y 371.029
Co 230.786	0.006166	mg/L	0.001014	16.4	41.5940	0.006166 mg/L	Y 371.029
Co 238.892	-0.074511uv	mg/L	0.002555	3.4	-533.661	-0.074511 mg/L	Y 371.029
Cr 205.560	9.32040	mg/L	0.071298	0.8	25925.1	9.32040 mg/L	Y 371.029
Cr 206.158	9.22023	mg/L	0.031501	0.3	10668.8	9.22023 mg/L	Y 371.029
Cr 267.716	9.16681	mg/L	0.045296	0.5	141958	9.16681 mg/L	Y 371.029
Cu 213.598	9.14215	mg/L	0.046953	0.5	18178.4	9.14215 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cu 324.754	9.41440	mg/L	0.051003	0.5	295848	9.41440 mg/L	Y 371.029
Cu 327.395	9.40732	mg/L	0.059504	0.6	400317	9.40732 mg/L	Y 371.029
Fe 234.350	90.2864	mg/L	1.08105	1.2	568060	90.2864 mg/L	Y 371.029
Fe 238.204	67.2246	mg/L	0.581545	0.9	1131856	67.2246 mg/L	Y 371.029
Fe 259.940	78.0497	mg/L	0.354808	0.5	1038503	78.0497 mg/L	Y 371.029
Ga 287.423	0.126138	mg/L	0.009090	7.2	1416.62	0.126138 mg/L	Y 371.029
Ga 294.363	-0.014884	mg/L	0.001058	7.1	127.410	-0.014884 mg/L	Y 371.029
Ga 417.204	-0.075875	mg/L	0.001991	2.6	3786.41	-0.075875 mg/L	Y 371.029
K 766.491	-0.031194	mg/L	0.000111	0.4	1594.50	-0.031194 mg/L	Y 371.029
K 769.897	-0.053202	mg/L	0.000469	0.9	5158.04	-0.053202 mg/L	Y 371.029
Li 610.365	0.006854	mg/L	0.000183	2.7	41.7467	0.006854 mg/L	Y 371.029
Li 670.783	-0.006224	mg/L	0.000036	0.6	39831.3	-0.006224 mg/L	Y 371.029
Mg 279.078	94.2024	mg/L	0.476103	0.5	93821.5	94.2024 mg/L	Y 371.029
Mg 280.270	64.5907	mg/L	0.245227	0.4	4506848	64.5907 mg/L	Y 371.029
Mg 285.213	86.4033	mg/L	0.706604	0.8	2301066	86.4033 mg/L	Y 371.029
Mn 257.610	8.65575	mg/L	0.034551	0.4	960333	8.65575 mg/L	Y 371.029
Mn 259.372	8.82702	mg/L	0.043854	0.5	740857	8.82702 mg/L	Y 371.029
Mn 260.568	9.05874	mg/L	0.039696	0.4	130518	9.05874 mg/L	Y 371.029
Mo 202.032	9.42503	mg/L	0.158762	1.7	25339.7	9.42503 mg/L	Y 371.029
Mo 203.846	9.42044	mg/L	0.217549	2.3	10703.3	9.42044 mg/L	Y 371.029
Mo 204.598	9.64432	mg/L	0.190640	2.0	12543.2	9.64432 mg/L	Y 371.029
Na 568.821	92.0730	mg/L	0.456240	0.5	23667.5	92.0730 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.354818	0.5	29063648	- mg/L	Y 371.029
Na 589.592	90.6482	mg/L	0.366941	0.4	18123256	90.6482 mg/L	Y 371.029
Ni 216.555	8.58260	mg/L	0.044294	0.5	25386.0	8.58260 mg/L	Y 371.029
Ni 221.648	8.51798	mg/L	0.105593	1.2	10211.3	8.51798 mg/L	Y 371.029
Ni 231.604	8.57401	mg/L	0.083245	1.0	18244.4	8.57401 mg/L	Y 371.029
P 177.434	0.024289	mg/L	0.004683	19.3	6.48585	0.024289 mg/L	Y 371.029
P 213.618	0.005432	mg/L	0.020576	378.8	69.3174	0.005432 mg/L	Y 371.029
P 214.914	0.031203	mg/L	0.007812	25.0	35.9882	0.031203 mg/L	Y 371.029
Pb 220.353	-0.000977uv	mg/L	0.001262	129.2	3.65192	-0.000977 mg/L	Y 371.029
Pb 261.417	0.029592	mg/L	0.003158	10.7	1.68782	0.029592 mg/L	Y 371.029
Pb 405.781	0.000920	mg/L	0.006561	713.3	145.246	0.000920 mg/L	Y 371.029
Sb 206.834	-0.001010	mg/L	0.002739	271.1	41.9110	-0.001010 mg/L	Y 371.029
Sb 231.146	-0.178724uv	mg/L	0.004710	2.6	1.88627	-0.178724 mg/L	Y 371.029
Sb 259.804	-0.301558	mg/L	0.013141	4.4	7.80528	-0.301558 mg/L	Y 371.029
Se 196.026	0.004305	mg/L	0.007580	176.1	4.51650	0.004305 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.012638	3.2	107.697	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.009874	26.2	198.515	uncal mg/L	Y 371.029
Si 251.611	-0.067008	mg/L	0.013614	20.3	237.617	-0.067008 mg/L	Y 371.029
Si 288.158	0.000612	mg/L	0.008732	1426.5	1274.32	0.000612 mg/L	Y 371.029
Sn 189.927	-0.009815uv	mg/L	0.001330	13.5	1.88723	-0.009815 mg/L	Y 371.029
Sn 283.998	0.124779	mg/L	0.023047	18.5	5773.08	0.124779 mg/L	Y 371.029
Sr 216.596	-0.020531uv	mg/L	0.000433	2.1	-7.64348	-0.020531 mg/L	Y 371.029
Sr 407.771	-0.000345	mg/L	0.000019	5.4	9038.20	-0.000345 mg/L	Y 371.029
Sr 421.552	-0.000679	mg/L	0.000007	1.1	5680.32	-0.000679 mg/L	Y 371.029
Ti 334.941	8.97421	mg/L	0.067441	0.8	1803187	8.97421 mg/L	Y 371.029
Ti 336.122	9.04381	mg/L	0.062491	0.7	763777	9.04381 mg/L	Y 371.029
Ti 337.280	9.29706	mg/L	0.043805	0.5	266672	9.29706 mg/L	Y 371.029
Tl 190.794	-0.023987	mg/L	0.000775	3.2	3.56334	-0.023987 mg/L	Y 371.029
Tl 190.807	0.020306	mg/L	0.003655	18.0	7.61781	0.020306 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 351.923	0.007551	mg/L	0.003399	45.0	26.8895	0.007551 mg/L	Y 371.029
V 268.796	9.05951	mg/L	0.057264	0.6	69662.9	9.05951 mg/L	Y 371.029
V 292.401	9.28387	mg/L	0.016284	0.2	226718	9.28387 mg/L	Y 371.029
V 311.837	9.41090	mg/L	0.057208	0.6	333426	9.41090 mg/L	Y 371.029
Zn 202.548	9.07599	mg/L	0.024906	0.3	34283.2	9.07599 mg/L	Y 371.029
Zn 206.200	9.17816	mg/L	0.063672	0.7	11563.7	9.17816 mg/L	Y 371.029
Zn 213.857	9.16851	mg/L	0.031740	0.3	101083	9.16851 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.803789	6445.41	15.496	0.2
Y 371.029	0.960537	158399	413.556	0.3

SEQ-IFB1 (Samp) **3/29/2011, 1:19:16 PM** **Rack 1, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.097917	mg/L	0.000250	0.3	4339.03	0.097917 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001982	1.2	377.918	uncal mg/L	Y 371.029
Al 237.312	100.621	mg/L	0.196361	0.2	117982	100.621 mg/L	Y 371.029
Al 257.509	102.393	mg/L	0.255757	0.2	53416.9	102.393 mg/L	Y 371.029
Al 308.215	103.376	mg/L	0.116340	0.1	529104	103.376 mg/L	Y 371.029
As 188.980	0.522100	mg/L	0.003833	0.7	106.851	0.522100 mg/L	Y 371.029
As 193.696	0.428919	mg/L	0.011327	2.6	114.835	0.428919 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.068843	0.4	18372.2	uncal mg/L	Y 371.029
B 182.577	0.484108	mg/L	0.002351	0.5	174.748	0.484108 mg/L	Y 371.029
B 249.678	0.477136	mg/L	0.001829	0.4	3706.01	0.477136 mg/L	Y 371.029
B 249.772	0.472063	mg/L	0.002375	0.5	7623.12	0.472063 mg/L	Y 371.029
Ba 233.527	0.481469	mg/L	0.001046	0.2	13991.0	0.481469 mg/L	Y 371.029
Ba 455.403	0.479402	mg/L	0.001060	0.2	469239	0.479402 mg/L	Y 371.029
Ba 493.408	0.494985	mg/L	0.000176	0.0	310079	0.494985 mg/L	Y 371.029
Be 234.861	0.485622	mg/L	0.000319	0.1	39867.0	0.485622 mg/L	Y 371.029
Be 313.042	0.486535	mg/L	0.001397	0.3	612546	0.486535 mg/L	Y 371.029
Be 313.107	0.488629	mg/L	0.001520	0.3	302846	0.488629 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.281613	0.8	37805184	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.200636	1.0	40159360	- mg/L	Y 371.029
Ca 430.253	102.667	mg/L	0.218481	0.2	351505	102.667 mg/L	Y 371.029
Cd 214.439	9.54820	mg/L	0.141750	1.5	87798.6	9.54820 mg/L	Y 371.029
Cd 226.502	9.58362	mg/L	0.023565	0.2	198849	9.58362 mg/L	Y 371.029
Cd 228.802	9.78711	mg/L	0.103111	1.1	98761.0	9.78711 mg/L	Y 371.029
Co 228.615	0.490763	mg/L	0.001096	0.2	2870.40	0.490763 mg/L	Y 371.029
Co 230.786	0.488985	mg/L	0.002461	0.5	2019.38	0.488985 mg/L	Y 371.029
Co 238.892	0.269929	mg/L	0.004176	1.5	842.013	0.269929 mg/L	Y 371.029
Cr 205.560	9.87042	mg/L	0.017745	0.2	27452.3	9.87042 mg/L	Y 371.029
Cr 206.158	9.79644	mg/L	0.055363	0.6	11334.0	9.79644 mg/L	Y 371.029
Cr 267.716	9.79649	mg/L	0.012138	0.1	151688	9.79649 mg/L	Y 371.029
Cu 213.598	9.72867	mg/L	0.029839	0.3	19343.6	9.72867 mg/L	Y 371.029
Cu 324.754	10.1371	mg/L	0.065429	0.6	318508	10.1371 mg/L	Y 371.029
Cu 327.395	10.1268	mg/L	0.074506	0.7	430888	10.1268 mg/L	Y 371.029
Fe 234.350	91.6814	mg/L	0.638366	0.7	576963	91.6814 mg/L	Y 371.029
Fe 238.204	68.1107	mg/L	0.158046	0.2	1147029	68.1107 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 259.940	79.1922	mg/L	0.215173	0.3	1053879	79.1922 mg/L	Y 371.029
Ga 287.423	0.632994	mg/L	0.003629	0.6	2367.70	0.632994 mg/L	Y 371.029
Ga 294.363	0.469238	mg/L	0.001235	0.3	2634.59	0.469238 mg/L	Y 371.029
Ga 417.204	0.426840	mg/L	0.002273	0.5	7928.25	0.426840 mg/L	Y 371.029
K 766.491	5.51133	mg/L	0.011349	0.2	295926	5.51133 mg/L	Y 371.029
K 769.897	5.35358	mg/L	0.013786	0.3	244986	5.35358 mg/L	Y 371.029
Li 610.365	1.01745	mg/L	0.002011	0.2	33300.7	1.01745 mg/L	Y 371.029
Li 670.783	1.05255	mg/L	0.001394	0.1	2353211	1.05255 mg/L	Y 371.029
Mg 279.078	100.664	mg/L	0.273353	0.3	100256	100.664 mg/L	Y 371.029
Mg 280.270	67.0938	mg/L	0.209723	0.3	4681514	67.0938 mg/L	Y 371.029
Mg 285.213	90.8538	mg/L	0.552434	0.6	2419588	90.8538 mg/L	Y 371.029
Mn 257.610	9.19551	mg/L	0.029552	0.3	1019697	9.19551 mg/L	Y 371.029
Mn 259.372	9.38245	mg/L	0.029833	0.3	787198	9.38245 mg/L	Y 371.029
Mn 260.568	9.64295	mg/L	0.036060	0.4	138920	9.64295 mg/L	Y 371.029
Mo 202.032	10.7163	mg/L	0.120388	1.1	28795.7	10.7163 mg/L	Y 371.029
Mo 203.846	10.6182	mg/L	0.149037	1.4	12057.5	10.6182 mg/L	Y 371.029
Mo 204.598	10.8686	mg/L	0.174850	1.6	14128.0	10.8686 mg/L	Y 371.029
Na 568.821	98.9383	mg/L	0.153961	0.2	25446.0	98.9383 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.377454	0.5	29578866	- mg/L	Y 371.029
Na 589.592	96.3133	mg/L	0.281335	0.3	19247194	96.3133 mg/L	Y 371.029
Ni 216.555	9.64398	mg/L	0.019489	0.2	28505.3	9.64398 mg/L	Y 371.029
Ni 221.648	9.54723	mg/L	0.035316	0.4	11437.5	9.54723 mg/L	Y 371.029
Ni 231.604	9.57359	mg/L	0.025246	0.3	20358.4	9.57359 mg/L	Y 371.029
P 177.434	0.504895	mg/L	0.002682	0.5	53.9252	0.504895 mg/L	Y 371.029
P 213.618	0.492118	mg/L	0.027824	5.7	245.907	0.492118 mg/L	Y 371.029
P 214.914	2.74137	mg/L	0.004999	0.2	306.137	2.74137 mg/L	Y 371.029
Pb 220.353	0.945106	mg/L	0.005138	0.5	622.258	0.945106 mg/L	Y 371.029
Pb 261.417	0.386967	mg/L	0.018327	4.7	149.378	0.386967 mg/L	Y 371.029
Pb 405.781	1.04652	mg/L	0.004784	0.5	1349.93	1.04652 mg/L	Y 371.029
Sb 206.834	1.02157	mg/L	0.006116	0.6	516.607	1.02157 mg/L	Y 371.029
Sb 231.146	0.757121	mg/L	0.004922	0.7	364.337	0.757121 mg/L	Y 371.029
Sb 259.804	-0.155298	mg/L	0.045862	29.5	50.8886	-0.155298 mg/L	Y 371.029
Se 196.026	0.988831	mg/L	0.019173	1.9	177.316	0.988831 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.005172	0.3	232.185	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.019497	2.0	1188.02	uncal mg/L	Y 371.029
Si 251.611	0.966983	mg/L	0.018723	1.9	1346.09	0.966983 mg/L	Y 371.029
Si 288.158	0.963526	mg/L	0.016864	1.8	6800.95	0.963526 mg/L	Y 371.029
Sn 189.927	0.953396	mg/L	0.004934	0.5	172.669	0.953396 mg/L	Y 371.029
Sn 283.998	1.10869	mg/L	0.015872	1.4	7280.87	1.10869 mg/L	Y 371.029
Sr 216.596	0.456300	mg/L	0.000935	0.2	2267.78	0.456300 mg/L	Y 371.029
Sr 407.771	0.472546	mg/L	0.001362	0.3	1282714	0.472546 mg/L	Y 371.029
Sr 421.552	0.482050	mg/L	0.001555	0.3	849630	0.482050 mg/L	Y 371.029
Ti 334.941	9.54593	mg/L	0.014261	0.1	1917987	9.54593 mg/L	Y 371.029
Ti 336.122	9.63937	mg/L	0.015006	0.2	814044	9.63937 mg/L	Y 371.029
Ti 337.280	9.93446	mg/L	0.014255	0.1	284945	9.93446 mg/L	Y 371.029
Tl 190.794	0.411349	mg/L	0.005486	1.3	106.801	0.411349 mg/L	Y 371.029
Tl 190.807	0.426529	mg/L	0.006636	1.6	57.0712	0.426529 mg/L	Y 371.029
Tl 351.923	0.469495	mg/L	0.002502	0.5	682.436	0.469495 mg/L	Y 371.029
V 268.796	9.66943	mg/L	0.019868	0.2	74727.8	9.66943 mg/L	Y 371.029
V 292.401	9.90274	mg/L	0.072829	0.7	241808	9.90274 mg/L	Y 371.029
V 311.837	10.0251	mg/L	0.013837	0.1	355163	10.0251 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 202.548	9.62266	mg/L	0.039276	0.4	36333.4	9.62266 mg/L	Y 371.029
Zn 206.200	9.71533	mg/L	0.036414	0.4	12235.6	9.71533 mg/L	Y 371.029
Zn 213.857	9.75940	mg/L	0.138783	1.4	107562	9.75940 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.797756	6397.03	0.910	0.0
Y 371.029	0.956022	157655	173.744	0.1

SEQ-CCV1 (Samp) **3/29/2011, 1:23:28 PM** **Rack 1, Tube 8**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099318	mg/L	0.000183	0.2	4483.65	0.099318 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000919	0.9	260.523	uncal mg/L	Y 371.029
Al 237.312	2.48789	mg/L	0.021536	0.9	2960.33	2.48789 mg/L	Y 371.029
Al 257.509	2.47347	mg/L	0.005628	0.2	1303.84	2.47347 mg/L	Y 371.029
Al 308.215	2.49113	mg/L	0.006301	0.3	13655.5	2.49113 mg/L	Y 371.029
As 188.980	0.504318	mg/L	0.002405	0.5	107.496	0.504318 mg/L	Y 371.029
As 193.696	0.504981	mg/L	0.001856	0.4	133.529	0.504981 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002486	0.4	604.487	uncal mg/L	Y 371.029
B 182.577	0.497751	mg/L	0.000369	0.1	175.780	0.497751 mg/L	Y 371.029
B 249.678	0.497722	mg/L	0.007257	1.5	3718.44	0.497722 mg/L	Y 371.029
B 249.772	0.498318	mg/L	0.007583	1.5	7115.59	0.498318 mg/L	Y 371.029
Ba 233.527	0.504960	mg/L	0.002255	0.4	14466.2	0.504960 mg/L	Y 371.029
Ba 455.403	0.493071	mg/L	0.000581	0.1	479694	0.493071 mg/L	Y 371.029
Ba 493.408	0.507973	mg/L	0.000543	0.1	316016	0.507973 mg/L	Y 371.029
Be 234.861	0.516350	mg/L	0.002487	0.5	42642.3	0.516350 mg/L	Y 371.029
Be 313.042	0.504557	mg/L	0.001636	0.3	634380	0.504557 mg/L	Y 371.029
Be 313.107	0.504848	mg/L	0.001620	0.3	313049	0.504848 mg/L	Y 371.029
Ca 393.366	4.92733n	mg/L	0.006013	0.1	5474435	4.92733 mg/L	Y 371.029
Ca 396.847	4.54763	mg/L	0.007582	0.2	9469107	4.54763 mg/L	Y 371.029
Ca 430.253	4.83351	mg/L	0.007418	0.2	16896.1	4.83351 mg/L	Y 371.029
Cd 214.439	0.260788	mg/L	0.000457	0.2	2401.61	0.260788 mg/L	Y 371.029
Cd 226.502	0.256694	mg/L	0.000569	0.2	5334.84	0.256694 mg/L	Y 371.029
Cd 228.802	0.253827	mg/L	0.000105	0.0	2571.16	0.253827 mg/L	Y 371.029
Co 228.615	0.510093	mg/L	0.000302	0.1	2928.68	0.510093 mg/L	Y 371.029
Co 230.786	0.509870	mg/L	0.001002	0.2	2092.32	0.509870 mg/L	Y 371.029
Co 238.892	0.510529	mg/L	0.000492	0.1	2044.03	0.510529 mg/L	Y 371.029
Cr 205.560	0.510788	mg/L	0.002723	0.5	1419.61	0.510788 mg/L	Y 371.029
Cr 206.158	0.508118	mg/L	0.003460	0.7	587.638	0.508118 mg/L	Y 371.029
Cr 267.716	0.503452	mg/L	0.002292	0.5	7788.24	0.503452 mg/L	Y 371.029
Cu 213.598	0.513379	mg/L	0.003444	0.7	1019.70	0.513379 mg/L	Y 371.029
Cu 324.754	0.499508	mg/L	0.003134	0.6	16130.9	0.499508 mg/L	Y 371.029
Cu 327.395	0.497817	mg/L	0.003095	0.6	21164.1	0.497817 mg/L	Y 371.029
Fe 234.350	0.499804	mg/L	0.002468	0.5	3279.01	0.499804 mg/L	Y 371.029
Fe 238.204	0.386449	mg/L	0.003631	0.9	6732.38	0.386449 mg/L	Y 371.029
Fe 259.940	0.442098	mg/L	0.003838	0.9	6064.09	0.442098 mg/L	Y 371.029
Ga 287.423	0.508007	mg/L	0.002525	0.5	946.871	0.508007 mg/L	Y 371.029
Ga 294.363	0.499888	mg/L	0.002473	0.5	2592.56	0.499888 mg/L	Y 371.029
Ga 417.204	0.500319	mg/L	0.001885	0.4	4112.95	0.500319 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
K 766.491	4.98863	mg/L	0.009206	0.2	266293	4.98863 mg/L	Y 371.029
K 769.897	4.87688	mg/L	0.010365	0.2	220909	4.87688 mg/L	Y 371.029
Li 610.365	1.01121	mg/L	0.002277	0.2	33095.1	1.01121 mg/L	Y 371.029
Li 670.783	1.01581	mg/L	0.002361	0.2	2256144	1.01581 mg/L	Y 371.029
Mg 279.078	5.03566	mg/L	0.007298	0.1	5020.75	5.03566 mg/L	Y 371.029
Mg 280.270	5.25775	mg/L	0.019770	0.4	367053	5.25775 mg/L	Y 371.029
Mg 285.213	5.24514	mg/L	0.093583	1.8	139763	5.24514 mg/L	Y 371.029
Mn 257.610	0.498708	mg/L	0.002279	0.5	54548.4	0.498708 mg/L	Y 371.029
Mn 259.372	0.500340	mg/L	0.003043	0.6	41662.2	0.500340 mg/L	Y 371.029
Mn 260.568	0.508776	mg/L	0.001929	0.4	7311.36	0.508776 mg/L	Y 371.029
Mo 202.032	1.15400	mg/L	0.021390	1.9	3087.34	1.15400 mg/L	Y 371.029
Mo 203.846	1.14584	mg/L	0.029963	2.6	1295.56	1.14584 mg/L	Y 371.029
Mo 204.598	1.16909	mg/L	0.031875	2.7	1512.88	1.16909 mg/L	Y 371.029
Na 568.821	4.85109	mg/L	0.070350	1.5	1078.58	4.85109 mg/L	Y 371.029
Na 588.995	5.47189	mg/L	0.018240	0.3	2275530	5.47189 mg/L	Y 371.029
Na 589.592	5.07684	mg/L	0.017726	0.3	1146654	5.07684 mg/L	Y 371.029
Ni 216.555	1.02334	mg/L	0.004791	0.5	3007.59	1.02334 mg/L	Y 371.029
Ni 221.648	1.02026	mg/L	0.001498	0.1	1216.33	1.02026 mg/L	Y 371.029
Ni 231.604	1.02410	mg/L	0.002279	0.2	2167.35	1.02410 mg/L	Y 371.029
P 177.434	0.501326	mg/L	0.014993	3.0	51.5664	0.501326 mg/L	Y 371.029
P 213.618	0.512340	mg/L	0.012402	2.4	186.565	0.512340 mg/L	Y 371.029
P 214.914	0.516897	mg/L	0.004176	0.8	54.6066	0.516897 mg/L	Y 371.029
Pb 220.353	1.00904	mg/L	0.002098	0.2	662.540	1.00904 mg/L	Y 371.029
Pb 261.417	0.989355	mg/L	0.005301	0.5	409.533	0.989355 mg/L	Y 371.029
Pb 405.781	0.993718	mg/L	0.004868	0.5	1182.94	0.993718 mg/L	Y 371.029
Sb 206.834	0.943766	mg/L	0.006158	0.7	441.616	0.943766 mg/L	Y 371.029
Sb 231.146	0.954795	mg/L	0.006793	0.7	371.863	0.954795 mg/L	Y 371.029
Sb 259.804	1.00278	mg/L	0.013258	1.3	287.878	1.00278 mg/L	Y 371.029
Se 196.026	1.02197	mg/L	0.020272	2.0	181.505	1.02197 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.030944	3.1	106.818	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.002683	0.3	1103.97	uncal mg/L	Y 371.029
Si 251.611	1.08093	mg/L	0.002672	0.2	1231.11	1.08093 mg/L	Y 371.029
Si 288.158	1.01456	mg/L	0.012637	1.2	6809.88	1.01456 mg/L	Y 371.029
Sn 189.927	1.01487	mg/L	0.005121	0.5	182.081	1.01487 mg/L	Y 371.029
Sn 283.998	0.967392	mg/L	0.002756	0.3	1448.72	0.967392 mg/L	Y 371.029
Sr 216.596	0.512040	mg/L	0.002007	0.4	2451.54	0.512040 mg/L	Y 371.029
Sr 407.771	0.486747	mg/L	0.002765	0.6	1316569	0.486747 mg/L	Y 371.029
Sr 421.552	0.494033	mg/L	0.001171	0.2	867285	0.494033 mg/L	Y 371.029
Ti 334.941	0.503444	mg/L	0.002099	0.4	101112	0.503444 mg/L	Y 371.029
Ti 336.122	0.512197	mg/L	0.003361	0.7	43238.1	0.512197 mg/L	Y 371.029
Ti 337.280	0.510290	mg/L	0.002179	0.4	14629.8	0.510290 mg/L	Y 371.029
Tl 190.794	0.505613	mg/L	0.001463	0.3	121.073	0.505613 mg/L	Y 371.029
Tl 190.807	0.502440	mg/L	0.010630	2.1	62.0573	0.502440 mg/L	Y 371.029
Tl 351.923	0.496067	mg/L	0.003685	0.7	708.936	0.496067 mg/L	Y 371.029
V 268.796	0.509608	mg/L	0.003724	0.7	4343.98	0.509608 mg/L	Y 371.029
V 292.401	0.504820	mg/L	0.003092	0.6	12319.2	0.504820 mg/L	Y 371.029
V 311.837	0.509142	mg/L	0.000286	0.1	17997.3	0.509142 mg/L	Y 371.029
Zn 202.548	0.521220	mg/L	0.000859	0.2	2215.68	0.521220 mg/L	Y 371.029
Zn 206.200	0.517834	mg/L	0.001873	0.4	736.266	0.517834 mg/L	Y 371.029
Zn 213.857	0.508238	mg/L	0.003085	0.6	6343.81	0.508238 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.856367	6867.02	14.931	0.2
Y 371.029	1.00969	166505	399.678	0.2

SEQ-CCB1 (Samp) **3/29/2011, 1:27:38 PM** **Rack 1, Tube 9**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000730	mg/L	0.000125	17.1	126.774	0.000730 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001364	112.4	1.64397	uncal mg/L	Y 371.029
Al 237.312	-0.001166uv	mg/L	0.000576	49.4	40.9995	-0.001166 mg/L	Y 371.029
Al 257.509	0.004125	mg/L	0.002585	62.7	16.6317	0.004125 mg/L	Y 371.029
Al 308.215	-0.008187uv	mg/L	0.000549	6.7	852.817	-0.008187 mg/L	Y 371.029
As 188.980	0.005178	mg/L	0.003312	64.0	3.81374	0.005178 mg/L	Y 371.029
As 193.696	0.002068uv	mg/L	0.003950	191.1	2.66894	0.002068 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003131	95.6	5.63324	uncal mg/L	Y 371.029
B 182.577	0.006730	mg/L	0.000938	13.9	5.61291	0.006730 mg/L	Y 371.029
B 249.678	0.006852	mg/L	0.000986	14.4	70.4257	0.006852 mg/L	Y 371.029
B 249.772	0.006805	mg/L	0.001102	16.2	131.929	0.006805 mg/L	Y 371.029
Ba 233.527	0.000044	mg/L	0.000043	98.2	133.039	0.000044 mg/L	Y 371.029
Ba 455.403	-0.000123uv	mg/L	0.000005	4.3	4444.53	-0.000123 mg/L	Y 371.029
Ba 493.408	-0.000105uv	mg/L	0.000017	15.8	2891.12	-0.000105 mg/L	Y 371.029
Be 234.861	0.000056	mg/L	0.000025	44.1	3.36565	0.000056 mg/L	Y 371.029
Be 313.042	0.000008uv	mg/L	0.000017	197.7	789.583	0.000008 mg/L	Y 371.029
Be 313.107	0.000086	mg/L	0.000013	15.4	33.6135	0.000086 mg/L	Y 371.029
Ca 393.366	0.000248n	mg/L	0.000186	75.1	16190.0	0.000248 mg/L	Y 371.029
Ca 396.847	-0.000041uv	mg/L	0.000154	372.8	26873.1	-0.000041 mg/L	Y 371.029
Ca 430.253	0.006940	mg/L	0.001954	28.2	396.669	0.006940 mg/L	Y 371.029
Cd 214.439	-0.000106uv	mg/L	0.000057	53.9	2.69749	-0.000106 mg/L	Y 371.029
Cd 226.502	0.000094	mg/L	0.000072	76.8	12.2100	0.000094 mg/L	Y 371.029
Cd 228.802	0.000100	mg/L	0.000067	66.8	10.6278	0.000100 mg/L	Y 371.029
Co 228.615	0.000150uv	mg/L	0.000251	166.8	2.86600	0.000150 mg/L	Y 371.029
Co 230.786	0.000418	mg/L	0.000116	27.9	4.82909	0.000418 mg/L	Y 371.029
Co 238.892	-0.000189uv	mg/L	0.000217	115.0	1.93310	-0.000189 mg/L	Y 371.029
Cr 205.560	-0.000061uv	mg/L	0.000136	222.4	2.52689	-0.000061 mg/L	Y 371.029
Cr 206.158	0.000181uv	mg/L	0.000425	234.3	1.66438	0.000181 mg/L	Y 371.029
Cr 267.716	0.000285	mg/L	0.000154	54.1	17.6003	0.000285 mg/L	Y 371.029
Cu 213.598	0.000291	mg/L	0.000266	91.4	0.862565	0.000291 mg/L	Y 371.029
Cu 324.754	-0.000959uv	mg/L	0.000285	29.7	445.115	-0.000959 mg/L	Y 371.029
Cu 327.395	-0.000081uv	mg/L	0.000111	137.3	12.2378	-0.000081 mg/L	Y 371.029
Fe 234.350	0.002218	mg/L	0.000786	35.4	31.6300	0.002218 mg/L	Y 371.029
Fe 238.204	0.001286	mg/L	0.000602	46.8	45.5876	0.001286 mg/L	Y 371.029
Fe 259.940	0.000732uv	mg/L	0.000657	89.7	49.0994	0.000732 mg/L	Y 371.029
Ga 287.423	-0.001133uv	mg/L	0.003337	294.6	3.97748	-0.001133 mg/L	Y 371.029
Ga 294.363	0.001178	mg/L	0.000454	38.6	12.3839	0.001178 mg/L	Y 371.029
Ga 417.204	-0.000311uv	mg/L	0.000436	140.4	47.1263	-0.000311 mg/L	Y 371.029
K 766.491	-0.000645uv	mg/L	0.000301	46.6	1353.70	-0.000645 mg/L	Y 371.029
K 769.897	0.002246	mg/L	0.000382	17.0	4704.89	0.002246 mg/L	Y 371.029
Li 610.365	0.007380	mg/L	0.000198	2.7	59.0627	0.007380 mg/L	Y 371.029
Li 670.783	0.000147	mg/L	0.000026	17.4	37130.3	0.000147 mg/L	Y 371.029
Mg 279.078	0.000491uv	mg/L	0.001100	223.9	7.14986	0.000491 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	-0.000351uv	mg/L	0.000076	21.6	228.654	-0.000351 mg/L	Y 371.029
Mg 285.213	-0.000635uv	mg/L	0.000091	14.3	79.6028	-0.000635 mg/L	Y 371.029
Mn 257.610	0.000031uv	mg/L	0.000025	82.4	9.40327	0.000031 mg/L	Y 371.029
Mn 259.372	0.000070	mg/L	0.000022	31.3	31.1943	0.000070 mg/L	Y 371.029
Mn 260.568	0.000037uv	mg/L	0.000058	156.9	3.30021	0.000037 mg/L	Y 371.029
Mo 202.032	0.035255	mg/L	0.006270	17.8	96.6931	0.035255 mg/L	Y 371.029
Mo 203.846	0.035205	mg/L	0.006801	19.3	41.8761	0.035205 mg/L	Y 371.029
Mo 204.598	0.034157	mg/L	0.006245	18.3	46.0725	0.034157 mg/L	Y 371.029
Na 568.821	0.897540	mg/L	0.023071	2.6	50.0486	0.897540 mg/L	Y 371.029
Na 588.995	-0.269153uv	mg/L	0.001268	0.5	101266	-0.269153 mg/L	Y 371.029
Na 589.592	-0.457028uv	mg/L	0.000386	0.1	48954.0	-0.457028 mg/L	Y 371.029
Ni 216.555	-0.000380uv	mg/L	0.000542	142.7	0.825176	-0.000380 mg/L	Y 371.029
Ni 221.648	0.000683uv	mg/L	0.000752	110.1	2.42490	0.000683 mg/L	Y 371.029
Ni 231.604	0.000334uv	mg/L	0.000967	289.8	3.60356	0.000334 mg/L	Y 371.029
P 177.434	-0.000697uv	mg/L	0.003349	480.5	2.01953	-0.000697 mg/L	Y 371.029
P 213.618	0.000707uv	mg/L	0.002397	339.0	1.76676	0.000707 mg/L	Y 371.029
P 214.914	-0.001369uv	mg/L	0.010004	730.9	1.44935	-0.001369 mg/L	Y 371.029
Pb 220.353	0.000383uv	mg/L	0.001238	323.0	3.02638	0.000383 mg/L	Y 371.029
Pb 261.417	0.006153	mg/L	0.005841	94.9	2.60861	0.006153 mg/L	Y 371.029
Pb 405.781	0.000801uv	mg/L	0.006592	823.1	39.6427	0.000801 mg/L	Y 371.029
Sb 206.834	0.023505	mg/L	0.001727	7.3	14.6677	0.023505 mg/L	Y 371.029
Sb 231.146	0.020421	mg/L	0.003442	16.9	10.8985	0.020421 mg/L	Y 371.029
Sb 259.804	0.024972	mg/L	0.003462	13.9	10.0694	0.024972 mg/L	Y 371.029
Se 196.026	0.010858	mg/L	0.001537	14.2	4.04664	0.010858 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.012386	70.4	2.35234	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.002447	40.9	99.5400	uncal mg/L	Y 371.029
Si 251.611	0.033267	mg/L	0.001471	4.4	110.739	0.033267 mg/L	Y 371.029
Si 288.158	0.031225	mg/L	0.000522	1.7	1168.95	0.031225 mg/L	Y 371.029
Sn 189.927	0.000270uv	mg/L	0.001606	594.5	2.21630	0.000270 mg/L	Y 371.029
Sn 283.998	0.001017uv	mg/L	0.002229	219.2	3.57023	0.001017 mg/L	Y 371.029
Sr 216.596	0.000221uv	mg/L	0.000204	92.7	10.1149	0.000221 mg/L	Y 371.029
Sr 407.771	-0.000037uv	mg/L	0.000013	34.9	5513.97	-0.000037 mg/L	Y 371.029
Sr 421.552	-0.000040uv	mg/L	0.000024	59.6	3534.18	-0.000040 mg/L	Y 371.029
Ti 334.941	0.002639	mg/L	0.000801	30.3	578.133	0.002639 mg/L	Y 371.029
Ti 336.122	0.002483	mg/L	0.000814	32.8	226.098	0.002483 mg/L	Y 371.029
Ti 337.280	0.002811	mg/L	0.000900	32.0	82.9555	0.002811 mg/L	Y 371.029
Tl 190.794	0.002272uv	mg/L	0.003670	161.6	1.84611	0.002272 mg/L	Y 371.029
Tl 190.807	-0.005795uv	mg/L	0.001436	24.8	0.423949	-0.005795 mg/L	Y 371.029
Tl 351.923	0.005878	mg/L	0.003119	53.1	13.3793	0.005878 mg/L	Y 371.029
V 268.796	0.001167	mg/L	0.000672	57.6	48.9088	0.001167 mg/L	Y 371.029
V 292.401	-0.000013uv	mg/L	0.000158	1261.1	14.5187	-0.000013 mg/L	Y 371.029
V 311.837	0.000599	mg/L	0.000067	11.2	5.21531	0.000599 mg/L	Y 371.029
Zn 202.548	0.002275	mg/L	0.000568	25.0	272.519	0.002275 mg/L	Y 371.029
Zn 206.200	0.001291	mg/L	0.000300	23.2	90.9393	0.001291 mg/L	Y 371.029
Zn 213.857	0.000525	mg/L	0.000151	28.8	776.345	0.000525 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.857341	6874.83	12.518	0.2
Y 371.029	1.01809	167890	469.808	0.3

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.004919b	mg/L	0.000013	0.3	12823.1	0.049191 mg/L	Y 371.029
Ti 334.941	-0.019512b	mg/L	0.000133	0.7	237.497	-0.195118 mg/L	Y 371.029
Ti 336.122	-0.018696b	mg/L	0.000124	0.7	57.1731	-0.186957 mg/L	Y 371.029
Ti 337.280	-0.016961b	mg/L	0.000094	0.6	60.7795	-0.169609 mg/L	Y 371.029
Tl 190.794	-0.016876uvb	mg/L	0.004883	28.9	1.70810	-0.168757 mg/L	Y 371.029
Tl 190.807	0.039001b	mg/L	0.005759	14.8	5.53714	0.390011 mg/L	Y 371.029
Tl 351.923	0.007298uvb	mg/L	0.000795	10.9	1.84323	0.072977 mg/L	Y 371.029
V 268.796	-0.044581b	mg/L	0.000353	0.8	38.5656	-0.445806 mg/L	Y 371.029
V 292.401	-0.052396b	mg/L	0.000593	1.1	395.670	-0.523960 mg/L	Y 371.029
V 311.837	-0.056579b	mg/L	0.000066	0.1	3.85505	-0.565786 mg/L	Y 371.029
Zn 202.548	0.494092b	mg/L	0.004170	0.8	2168.11	4.94092 mg/L	Y 371.029
Zn 206.200	0.472863b	mg/L	0.005083	1.1	692.460	4.72863 mg/L	Y 371.029
Zn 213.857	0.497072b	mg/L	0.001452	0.3	6649.49	4.97072 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.823285	6601.75	11.137	0.2
Y 371.029	0.989695	163208	254.583	0.2

SEQ-CCV4 (Samp) **3/29/2011, 3:46:27 PM** **Rack 1, Tube 44**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098534	mg/L	0.000479	0.5	4448.95	0.098534 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000619	0.6	255.940	uncal mg/L	Y 371.029
Al 237.312	2.46012	mg/L	0.012915	0.5	2927.75	2.46012 mg/L	Y 371.029
Al 257.509	2.44090	mg/L	0.041359	1.7	1286.90	2.44090 mg/L	Y 371.029
Al 308.215	2.49594	mg/L	0.007937	0.3	13677.2	2.49594 mg/L	Y 371.029
As 188.980	0.504054	mg/L	0.003648	0.7	107.443	0.504054 mg/L	Y 371.029
As 193.696	0.502423	mg/L	0.004658	0.9	132.864	0.502423 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004194	0.5	698.883	uncal mg/L	Y 371.029
B 182.577	0.516196	mg/L	0.011649	2.3	182.172	0.516196 mg/L	Y 371.029
B 249.678	0.528456	mg/L	0.005543	1.0	3946.64	0.528456 mg/L	Y 371.029
B 249.772	0.524069	mg/L	0.006158	1.2	7481.39	0.524069 mg/L	Y 371.029
Ba 233.527	0.511392	mg/L	0.004176	0.8	14648.7	0.511392 mg/L	Y 371.029
Ba 455.403	0.486874	mg/L	0.001732	0.4	473725	0.486874 mg/L	Y 371.029
Ba 493.408	0.503605	mg/L	0.001813	0.4	313326	0.503605 mg/L	Y 371.029
Be 234.861	0.522242	mg/L	0.002385	0.5	43128.9	0.522242 mg/L	Y 371.029
Be 313.042	0.513545	mg/L	0.002068	0.4	645667	0.513545 mg/L	Y 371.029
Be 313.107	0.515031	mg/L	0.001808	0.4	319364	0.515031 mg/L	Y 371.029
Ca 393.366	4.88081n	mg/L	0.017870	0.4	5422948	4.88081 mg/L	Y 371.029
Ca 396.847	4.52569	mg/L	0.017638	0.4	9423594	4.52569 mg/L	Y 371.029
Ca 430.253	4.82865	mg/L	0.038364	0.8	16879.9	4.82865 mg/L	Y 371.029
Cd 214.439	0.264731	mg/L	0.002301	0.9	2437.86	0.264731 mg/L	Y 371.029
Cd 226.502	0.261607	mg/L	0.000776	0.3	5436.76	0.261607 mg/L	Y 371.029
Cd 228.802	0.255119	mg/L	0.001049	0.4	2584.17	0.255119 mg/L	Y 371.029
Co 228.615	0.514173	mg/L	0.001017	0.2	2952.32	0.514173 mg/L	Y 371.029
Co 230.786	0.514330	mg/L	0.001141	0.2	2110.73	0.514330 mg/L	Y 371.029
Co 238.892	0.513371	mg/L	0.005237	1.0	2055.30	0.513371 mg/L	Y 371.029
Cr 205.560	0.513339	mg/L	0.007963	1.6	1426.65	0.513339 mg/L	Y 371.029
Cr 206.158	0.508395	mg/L	0.008673	1.7	587.961	0.508395 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.511406	mg/L	0.002496	0.5	7910.79	0.511406 mg/L	Y 371.029
Cu 213.598	0.522145	mg/L	0.003412	0.7	1036.74	0.522145 mg/L	Y 371.029
Cu 324.754	0.488266	mg/L	0.002873	0.6	15777.7	0.488266 mg/L	Y 371.029
Cu 327.395	0.486139	mg/L	0.003507	0.7	20668.5	0.486139 mg/L	Y 371.029
Fe 234.350	0.525951	mg/L	0.003794	0.7	3442.80	0.525951 mg/L	Y 371.029
Fe 238.204	0.406479	mg/L	0.003269	0.8	7066.07	0.406479 mg/L	Y 371.029
Fe 259.940	0.464547	mg/L	0.002671	0.6	6359.89	0.464547 mg/L	Y 371.029
Ga 287.423	0.506325	mg/L	0.001933	0.4	944.024	0.506325 mg/L	Y 371.029
Ga 294.363	0.495180	mg/L	0.001796	0.4	2568.18	0.495180 mg/L	Y 371.029
Ga 417.204	0.493978	mg/L	0.002193	0.4	4062.20	0.493978 mg/L	Y 371.029
K 766.491	4.94515	mg/L	0.019636	0.4	263985	4.94515 mg/L	Y 371.029
K 769.897	4.85271	mg/L	0.017345	0.4	219835	4.85271 mg/L	Y 371.029
Li 610.365	1.02618	mg/L	0.003920	0.4	33588.0	1.02618 mg/L	Y 371.029
Li 670.783	1.03269	mg/L	0.005354	0.5	2293005	1.03269 mg/L	Y 371.029
Mg 279.078	5.11609	mg/L	0.019136	0.4	5100.88	5.11609 mg/L	Y 371.029
Mg 280.270	5.34208	mg/L	0.049067	0.9	372936	5.34208 mg/L	Y 371.029
Mg 285.213	5.32362	mg/L	0.051964	1.0	141852	5.32362 mg/L	Y 371.029
Mn 257.610	0.506384	mg/L	0.008752	1.7	55371.4	0.506384 mg/L	Y 371.029
Mn 259.372	0.507754	mg/L	0.008142	1.6	42247.8	0.507754 mg/L	Y 371.029
Mn 260.568	0.513067	mg/L	0.003037	0.6	7372.87	0.513067 mg/L	Y 371.029
Mo 202.032	1.07776	mg/L	0.006389	0.6	2884.12	1.07776 mg/L	Y 371.029
Mo 203.846	1.06630	mg/L	0.012822	1.2	1206.05	1.06630 mg/L	Y 371.029
Mo 204.598	1.08859	mg/L	0.011492	1.1	1409.15	1.08859 mg/L	Y 371.029
Na 568.821	4.81698	mg/L	0.035175	0.7	1069.68	4.81698 mg/L	Y 371.029
Na 588.995	5.50489	mg/L	0.011887	0.2	2288012	5.50489 mg/L	Y 371.029
Na 589.592	5.05848	mg/L	0.013495	0.3	1143011	5.05848 mg/L	Y 371.029
Ni 216.555	1.03398	mg/L	0.003694	0.4	3038.89	1.03398 mg/L	Y 371.029
Ni 221.648	1.03326	mg/L	0.004142	0.4	1231.80	1.03326 mg/L	Y 371.029
Ni 231.604	1.03541	mg/L	0.004566	0.4	2191.27	1.03541 mg/L	Y 371.029
P 177.434	0.501842	mg/L	0.018880	3.8	51.6217	0.501842 mg/L	Y 371.029
P 213.618	0.521233	mg/L	0.010546	2.0	189.739	0.521233 mg/L	Y 371.029
P 214.914	0.508563	mg/L	0.004614	0.9	53.7538	0.508563 mg/L	Y 371.029
Pb 220.353	1.01439	mg/L	0.003128	0.3	666.040	1.01439 mg/L	Y 371.029
Pb 261.417	0.992603	mg/L	0.006665	0.7	410.878	0.992603 mg/L	Y 371.029
Pb 405.781	0.978636	mg/L	0.012228	1.2	1165.59	0.978636 mg/L	Y 371.029
Sb 206.834	0.935738	mg/L	0.005660	0.6	437.901	0.935738 mg/L	Y 371.029
Sb 231.146	0.940501	mg/L	0.002247	0.2	366.317	0.940501 mg/L	Y 371.029
Sb 259.804	0.994834	mg/L	0.031363	3.2	285.655	0.994834 mg/L	Y 371.029
Se 196.026	1.01571	mg/L	0.009901	1.0	180.408	1.01571 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.022210	2.2	106.602	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.012344	1.2	1129.71	uncal mg/L	Y 371.029
Si 251.611	1.10714	mg/L	0.006351	0.6	1258.13	1.10714 mg/L	Y 371.029
Si 288.158	1.05435	mg/L	0.023585	2.2	7038.33	1.05435 mg/L	Y 371.029
Sn 189.927	1.03052	mg/L	0.005817	0.6	184.856	1.03052 mg/L	Y 371.029
Sn 283.998	0.969451	mg/L	0.003498	0.4	1451.23	0.969451 mg/L	Y 371.029
Sr 216.596	0.516144	mg/L	0.002003	0.4	2471.13	0.516144 mg/L	Y 371.029
Sr 407.771	0.486258	mg/L	0.005882	1.2	1315254	0.486258 mg/L	Y 371.029
Sr 421.552	0.491376	mg/L	0.000915	0.2	862643	0.491376 mg/L	Y 371.029
Ti 334.941	0.501230	mg/L	0.007801	1.6	100668	0.501230 mg/L	Y 371.029
Ti 336.122	0.504865	mg/L	0.003736	0.7	42620.0	0.504865 mg/L	Y 371.029
Ti 337.280	0.505172	mg/L	0.005453	1.1	14483.2	0.505172 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.509466	mg/L	0.000779	0.2	121.986	0.509466 mg/L	Y 371.029
Tl 190.807	0.502896	mg/L	0.005516	1.1	62.0373	0.502896 mg/L	Y 371.029
Tl 351.923	0.504556	mg/L	0.000230	0.0	720.956	0.504556 mg/L	Y 371.029
V 268.796	0.509195	mg/L	0.001335	0.3	4287.29	0.509195 mg/L	Y 371.029
V 292.401	0.504173	mg/L	0.002816	0.6	12303.5	0.504173 mg/L	Y 371.029
V 311.837	0.505007	mg/L	0.001651	0.3	17851.1	0.505007 mg/L	Y 371.029
Zn 202.548	0.536577	mg/L	0.002254	0.4	2272.81	0.536577 mg/L	Y 371.029
Zn 206.200	0.530211	mg/L	0.008390	1.6	751.646	0.530211 mg/L	Y 371.029
Zn 213.857	0.509956	mg/L	0.002368	0.5	6363.01	0.509956 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.855262	6858.16	36.498	0.5
Y 371.029	1.00127	165117	1058.208	0.6

SEQ-CCB4 (Samp) **3/29/2011, 3:50:32 PM** **Rack 1, Tube 45**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000897	mg/L	0.000185	20.7	134.087	0.000897 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000223	109.6	-1.07717	uncal mg/L	Y 371.029
Al 237.312	-0.000961uv	mg/L	0.002349	244.4	41.2313	-0.000961 mg/L	Y 371.029
Al 257.509	0.001634uv	mg/L	0.003393	207.6	15.3412	0.001634 mg/L	Y 371.029
Al 308.215	-0.001892uv	mg/L	0.000229	12.1	884.469	-0.001892 mg/L	Y 371.029
As 188.980	0.008303	mg/L	0.002211	26.6	4.46551	0.008303 mg/L	Y 371.029
As 193.696	0.005344	mg/L	0.001681	31.5	3.52212	0.005344 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001651	95.1	6.45276	uncal mg/L	Y 371.029
B 182.577	0.012531	mg/L	0.002245	17.9	7.62257	0.012531 mg/L	Y 371.029
B 249.678	0.012368	mg/L	0.002135	17.3	111.390	0.012368 mg/L	Y 371.029
B 249.772	0.012387	mg/L	0.002501	20.2	211.201	0.012387 mg/L	Y 371.029
Ba 233.527	0.000056	mg/L	0.000073	129.2	133.393	0.000056 mg/L	Y 371.029
Ba 455.403	-0.000171uv	mg/L	0.000013	7.5	4398.71	-0.000171 mg/L	Y 371.029
Ba 493.408	-0.000135uv	mg/L	0.000014	10.4	2872.64	-0.000135 mg/L	Y 371.029
Be 234.861	0.000007	mg/L	0.000006	95.6	-0.721935	0.000007 mg/L	Y 371.029
Be 313.042	-0.000090uv	mg/L	0.000004	5.0	666.432	-0.000090 mg/L	Y 371.029
Be 313.107	0.000043	mg/L	0.000006	14.7	6.70549	0.000043 mg/L	Y 371.029
Ca 393.366	-0.000276nuv	mg/L	0.000021	7.6	15609.5	-0.000276 mg/L	Y 371.029
Ca 396.847	-0.000438uv	mg/L	0.000017	3.9	26043.5	-0.000438 mg/L	Y 371.029
Ca 430.253	0.012031	mg/L	0.003664	30.5	414.049	0.012031 mg/L	Y 371.029
Cd 214.439	-0.000133uv	mg/L	0.000039	29.1	2.44701	-0.000133 mg/L	Y 371.029
Cd 226.502	-0.000037uv	mg/L	0.000096	262.7	9.50741	-0.000037 mg/L	Y 371.029
Cd 228.802	-0.000027uv	mg/L	0.000095	357.0	9.34087	-0.000027 mg/L	Y 371.029
Co 228.615	-0.000124uv	mg/L	0.000041	33.0	1.29069	-0.000124 mg/L	Y 371.029
Co 230.786	0.000375	mg/L	0.000285	76.1	4.64530	0.000375 mg/L	Y 371.029
Co 238.892	-0.000123uv	mg/L	0.000483	393.7	2.18020	-0.000123 mg/L	Y 371.029
Cr 205.560	0.000200	mg/L	0.000093	46.8	3.24545	0.000200 mg/L	Y 371.029
Cr 206.158	0.000615uv	mg/L	0.000721	117.2	2.16578	0.000615 mg/L	Y 371.029
Cr 267.716	0.000189	mg/L	0.000121	64.0	16.1340	0.000189 mg/L	Y 371.029
Cu 213.598	0.000242	mg/L	0.000060	24.7	0.701437	0.000242 mg/L	Y 371.029
Cu 324.754	-0.000790uv	mg/L	0.000210	26.6	450.421	-0.000790 mg/L	Y 371.029
Cu 327.395	0.000020uv	mg/L	0.000142	702.9	16.5862	0.000020 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.005284	mg/L	0.001855	35.1	50.7858	0.005284 mg/L	Y 371.029
Fe 238.204	0.004035	mg/L	0.001396	34.6	91.4481	0.004035 mg/L	Y 371.029
Fe 259.940	0.003837	mg/L	0.001626	42.4	90.1039	0.003837 mg/L	Y 371.029
Ga 287.423	-0.000293uv	mg/L	0.002471	843.8	5.54124	-0.000293 mg/L	Y 371.029
Ga 294.363	0.000310uv	mg/L	0.000792	255.3	7.90031	0.000310 mg/L	Y 371.029
Ga 417.204	0.000668	mg/L	0.000234	35.0	53.8798	0.000668 mg/L	Y 371.029
K 766.491	-0.001273uv	mg/L	0.000063	4.9	1320.14	-0.001273 mg/L	Y 371.029
K 769.897	0.006105	mg/L	0.000465	7.6	4875.05	0.006105 mg/L	Y 371.029
Li 610.365	0.007800	mg/L	0.000185	2.4	72.8701	0.007800 mg/L	Y 371.029
Li 670.783	0.000221	mg/L	0.000009	4.0	37292.7	0.000221 mg/L	Y 371.029
Mg 279.078	0.000602	mg/L	0.000538	89.4	7.26831	0.000602 mg/L	Y 371.029
Mg 280.270	-0.000341uv	mg/L	0.000031	9.0	229.381	-0.000341 mg/L	Y 371.029
Mg 285.213	-0.000745uv	mg/L	0.000070	9.4	76.6763	-0.000745 mg/L	Y 371.029
Mn 257.610	-0.000012uv	mg/L	0.000017	141.0	4.87328	-0.000012 mg/L	Y 371.029
Mn 259.372	0.000055	mg/L	0.000014	25.7	24.6867	0.000055 mg/L	Y 371.029
Mn 260.568	0.000070uv	mg/L	0.000197	280.6	3.78776	0.000070 mg/L	Y 371.029
Mo 202.032	0.018253	mg/L	0.002130	11.7	51.3772	0.018253 mg/L	Y 371.029
Mo 203.846	0.017925	mg/L	0.002746	15.3	22.4306	0.017925 mg/L	Y 371.029
Mo 204.598	0.017779	mg/L	0.002735	15.4	24.9691	0.017779 mg/L	Y 371.029
Na 568.821	0.888623	mg/L	0.017600	2.0	47.7258	0.888623 mg/L	Y 371.029
Na 588.995	-0.265016uv	mg/L	0.000589	0.2	102832	-0.265016 mg/L	Y 371.029
Na 589.592	-0.454764uv	mg/L	0.000225	0.0	49402.5	-0.454764 mg/L	Y 371.029
Ni 216.555	0.000092uv	mg/L	0.000616	667.4	2.21975	0.000092 mg/L	Y 371.029
Ni 221.648	0.000740	mg/L	0.000151	20.4	2.49429	0.000740 mg/L	Y 371.029
Ni 231.604	0.000264uv	mg/L	0.000272	102.8	3.46032	0.000264 mg/L	Y 371.029
P 177.434	-0.001867uv	mg/L	0.002855	152.9	1.90465	-0.001867 mg/L	Y 371.029
P 213.618	0.001997uv	mg/L	0.003628	181.7	2.21781	0.001997 mg/L	Y 371.029
P 214.914	0.004027uv	mg/L	0.009196	228.4	1.97205	0.004027 mg/L	Y 371.029
Pb 220.353	0.000487uv	mg/L	0.001707	350.3	3.09419	0.000487 mg/L	Y 371.029
Pb 261.417	0.008889	mg/L	0.002209	24.8	3.73939	0.008889 mg/L	Y 371.029
Pb 405.781	0.009275	mg/L	0.005993	64.6	49.3177	0.009275 mg/L	Y 371.029
Sb 206.834	0.018564	mg/L	0.004635	25.0	12.3836	0.018564 mg/L	Y 371.029
Sb 231.146	0.022119	mg/L	0.004796	21.7	11.5385	0.022119 mg/L	Y 371.029
Sb 259.804	0.022435	mg/L	0.007707	34.4	9.35671	0.022435 mg/L	Y 371.029
Se 196.026	0.016800	mg/L	0.003169	18.9	5.08814	0.016800 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.005718	20.9	3.34118	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.003635	16.8	114.737	uncal mg/L	Y 371.029
Si 251.611	0.047899	mg/L	0.002177	4.5	126.023	0.047899 mg/L	Y 371.029
Si 288.158	0.044115	mg/L	0.002475	5.6	1242.90	0.044115 mg/L	Y 371.029
Sn 189.927	0.000829uv	mg/L	0.001092	131.8	2.31535	0.000829 mg/L	Y 371.029
Sn 283.998	0.001506	mg/L	0.001388	92.1	4.38953	0.001506 mg/L	Y 371.029
Sr 216.596	0.000521	mg/L	0.000330	63.3	11.5486	0.000521 mg/L	Y 371.029
Sr 407.771	-0.000057uv	mg/L	0.000014	25.0	5459.05	-0.000057 mg/L	Y 371.029
Sr 421.552	-0.000063uv	mg/L	0.000020	31.7	3494.89	-0.000063 mg/L	Y 371.029
Ti 334.941	0.000842	mg/L	0.000256	30.4	217.805	0.000842 mg/L	Y 371.029
Ti 336.122	0.000738	mg/L	0.000214	29.0	79.0651	0.000738 mg/L	Y 371.029
Ti 337.280	0.001032	mg/L	0.000263	25.5	31.9865	0.001032 mg/L	Y 371.029
Tl 190.794	0.000850uv	mg/L	0.001531	180.1	1.51092	0.000850 mg/L	Y 371.029
Tl 190.807	0.002753	mg/L	0.001989	72.2	1.43200	0.002753 mg/L	Y 371.029
Tl 351.923	0.001119uv	mg/L	0.001395	124.7	6.63683	0.001119 mg/L	Y 371.029
V 268.796	0.000370	mg/L	0.000564	152.6	31.6760	0.000370 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	-0.000192uv	mg/L	0.000059	30.8	10.1430	-0.000192 mg/L	Y 371.029
V 311.837	0.000567	mg/L	0.000082	14.4	4.10753	0.000567 mg/L	Y 371.029
Zn 202.548	0.002678	mg/L	0.000678	25.3	274.001	0.002678 mg/L	Y 371.029
Zn 206.200	0.002678	mg/L	0.000500	18.7	92.6567	0.002678 mg/L	Y 371.029
Zn 213.857	-0.000218uv	mg/L	0.000327	150.3	768.277	-0.000218 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.853779	6846.26	11.701	0.2
Y 371.029	1.01099	166719	301.880	0.2

1114040-DUP1 (Samp) **3/29/2011, 3:57:45 PM** **Rack 1, Tube 46**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001667b	mg/L	0.000309	18.5	148.529	0.016673 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001004	30.1	4.01398	uncal mg/L	Y 371.029
Al 237.312	0.168017uvb	mg/L	0.003495	2.1	20.9743	1.68017 mg/L	Y 371.029
Al 257.509	0.049277b	mg/L	0.009465	19.2	21.5345	0.492771 mg/L	Y 371.029
Al 308.215	0.103276uvb	mg/L	0.001199	1.2	880.552	1.03276 mg/L	Y 371.029
As 188.980	-0.004925uvb	mg/L	0.008069	163.8	2.72252	-0.049254 mg/L	Y 371.029
As 193.696	-0.014076uvb	mg/L	0.002888	20.5	1.89059	-0.140763 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004743	14.9	11.6724	uncal mg/L	Y 371.029
B 182.577	4.50977b	mg/L	0.038759	0.9	1567.61	45.0977 mg/L	Y 371.029
B 249.678	4.61693b	mg/L	0.023058	0.5	34408.8	46.1693 mg/L	Y 371.029
B 249.772	4.50085b	mg/L	0.081907	1.8	68838.5	45.0085 mg/L	Y 371.029
Ba 233.527	0.082019b	mg/L	0.000137	0.2	2575.93	0.820195 mg/L	Y 371.029
Ba 455.403	0.076870b	mg/L	0.000123	0.2	78367.0	0.768698 mg/L	Y 371.029
Ba 493.408	0.079471b	mg/L	0.000132	0.2	53459.0	0.794709 mg/L	Y 371.029
Be 234.861	-0.006272uvb	mg/L	0.000694	11.1	-2103.79	-0.062718 mg/L	Y 371.029
Be 313.042	0.000000uvb	mg/L	0.000009	8613.9	726.079	0.000001 mg/L	Y 371.029
Be 313.107	0.000107b	mg/L	0.000018	16.8	29.3634	0.001068 mg/L	Y 371.029
Ca 393.366	0.473604nb	mg/L	0.000515	0.1	569551	4.73604 mg/L	Y 371.029
Ca 396.847	0.424688b	mg/L	0.000215	0.1	948126	4.24688 mg/L	Y 371.029
Ca 430.253	0.138905b	mg/L	0.000876	0.6	2068.20	1.38905 mg/L	Y 371.029
Cd 214.439	0.004102b	mg/L	0.000372	9.1	68.6925	0.041017 mg/L	Y 371.029
Cd 226.502	0.041680b	mg/L	0.000337	0.8	1405.56	0.416796 mg/L	Y 371.029
Cd 228.802	0.003344b	mg/L	0.000191	5.7	11.9756	0.033437 mg/L	Y 371.029
Co 228.615	-0.133287b	mg/L	0.001279	1.0	251.061	-1.33287 mg/L	Y 371.029
Co 230.786	-0.135366b	mg/L	0.000177	0.1	293.111	-1.35365 mg/L	Y 371.029
Co 238.892	-0.189189uvb	mg/L	0.047558	25.1	-2592.76	-1.89189 mg/L	Y 371.029
Cr 205.560	0.346289b	mg/L	0.001059	0.3	1138.72	3.46289 mg/L	Y 371.029
Cr 206.158	0.350346b	mg/L	0.003432	1.0	482.697	3.50346 mg/L	Y 371.029
Cr 267.716	0.357396b	mg/L	0.001495	0.4	6490.13	3.57396 mg/L	Y 371.029
Cu 213.598	0.239137b	mg/L	0.004407	1.8	895.356	2.39137 mg/L	Y 371.029
Cu 324.754	-0.078481uvb	mg/L	0.000291	0.4	48.2530	-0.784809 mg/L	Y 371.029
Cu 327.395	-0.094768uvb	mg/L	0.000183	0.2	18.9189	-0.947683 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	0.392435	0.1	3556464	- mg/L	Y 371.029
Fe 238.204	-xb	mg/L	1.62984	0.5	5214103	- mg/L	Y 371.029
Fe 259.940	-xb	mg/L	5.59919	1.4	5187533	- mg/L	Y 371.029
Ga 287.423	1.75968b	mg/L	0.012156	0.7	9074.21	17.5968 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	1.09189b	mg/L	0.006834	0.6	2820.98	10.9189 mg/L	Y 371.029
Mo 203.846	1.08131b	mg/L	0.005734	0.5	1204.84	10.8131 mg/L	Y 371.029
Mo 204.598	1.11131b	mg/L	0.013394	1.2	1417.47	11.1131 mg/L	Y 371.029
Na 568.821	9.49928b	mg/L	0.039666	0.4	2300.69	94.9928 mg/L	Y 371.029
Na 588.995	10.9103b	mg/L	0.063230	0.6	4350277	109.103 mg/L	Y 371.029
Na 589.592	11.2665b	mg/L	0.021895	0.2	2387747	112.665 mg/L	Y 371.029
Ni 216.555	0.858573b	mg/L	0.003016	0.4	3582.71	8.58573 mg/L	Y 371.029
Ni 221.648	0.790121b	mg/L	0.001354	0.2	1348.48	7.90122 mg/L	Y 371.029
Ni 231.604	0.800177b	mg/L	0.003708	0.5	2399.29	8.00177 mg/L	Y 371.029
P 177.434	0.983665b	mg/L	0.010235	1.0	107.056	9.83665 mg/L	Y 371.029
P 213.618	0.985555b	mg/L	0.007360	0.7	380.083	9.85555 mg/L	Y 371.029
P 214.914	1.22567b	mg/L	0.012192	1.0	153.763	12.2567 mg/L	Y 371.029
Pb 220.353	1.03363b	mg/L	0.005661	0.5	679.422	10.3363 mg/L	Y 371.029
Pb 261.417	0.374342b	mg/L	0.101518	27.1	129.897	3.74342 mg/L	Y 371.029
Pb 405.781	0.908944b	mg/L	0.004678	0.5	1121.30	9.08945 mg/L	Y 371.029
Sb 206.834	0.769834b	mg/L	0.008415	1.1	379.180	7.69834 mg/L	Y 371.029
Sb 231.146	0.962638b	mg/L	0.006614	0.7	373.556	9.62638 mg/L	Y 371.029
Sb 259.804	-1.48516uvb	mg/L	0.046091	3.1	4.98266	-14.8516 mg/L	Y 371.029
Se 196.026	0.919645b	mg/L	0.010302	1.1	157.863	9.19645 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.024127	2.2	114.560	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.029906	0.9	3439.73	uncal mg/L	Y 371.029
Si 251.611	3.44326b	mg/L	0.022660	0.7	3785.19	34.4326 mg/L	Y 371.029
Si 288.158	3.25459b	mg/L	0.024322	0.7	19730.5	32.5459 mg/L	Y 371.029
Sn 189.927	0.992698b	mg/L	0.000109	0.0	180.485	9.92698 mg/L	Y 371.029
Sn 283.998	0.717582b	mg/L	0.002569	0.4	1765.76	7.17582 mg/L	Y 371.029
Sr 216.596	1.08765b	mg/L	0.000732	0.1	5608.18	10.8765 mg/L	Y 371.029
Sr 407.771	1.04326b	mg/L	0.004638	0.4	2815254	10.4326 mg/L	Y 371.029
Sr 421.552	1.05761b	mg/L	0.003886	0.4	1853148	10.5761 mg/L	Y 371.029
Ti 334.941	0.987462b	mg/L	0.003214	0.3	202399	9.87462 mg/L	Y 371.029
Ti 336.122	0.986890b	mg/L	0.003523	0.4	84915.6	9.86890 mg/L	Y 371.029
Ti 337.280	1.00717b	mg/L	0.000624	0.1	29416.8	10.0717 mg/L	Y 371.029
Tl 190.794	0.951754b	mg/L	0.008329	0.9	231.242	9.51754 mg/L	Y 371.029
Tl 190.807	1.03651b	mg/L	0.009184	0.9	125.461	10.3651 mg/L	Y 371.029
Tl 351.923	0.996425b	mg/L	0.004544	0.5	1405.13	9.96425 mg/L	Y 371.029
V 268.796	0.942746b	mg/L	0.001550	0.2	7636.18	9.42745 mg/L	Y 371.029
V 292.401	0.983753b	mg/L	0.002512	0.3	25658.0	9.83753 mg/L	Y 371.029
V 311.837	0.962685b	mg/L	0.001652	0.2	36071.8	9.62685 mg/L	Y 371.029
Zn 202.548	1.51097b	mg/L	0.009265	0.6	5975.48	15.1097 mg/L	Y 371.029
Zn 206.200	1.49712b	mg/L	0.003485	0.2	1971.66	14.9712 mg/L	Y 371.029
Zn 213.857	1.51886b	mg/L	0.016498	1.1	17815.2	15.1886 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.818535	6563.65	9.133	0.1
Y 371.029	0.991560	163515	484.641	0.3

1113232-BLK1 (Samp) **3/29/2011, 4:14:02 PM** **Rack 1, Tube 50**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000782	mg/L	0.000086	11.1	128.975	0.000782 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000963	78.2	1.69830	uncal mg/L	Y 371.029
Al 237.312	0.000253uv	mg/L	0.000756	298.4	42.6454	0.000253 mg/L	Y 371.029
Al 257.509	0.007943	mg/L	0.005254	66.1	18.6342	0.007943 mg/L	Y 371.029
Al 308.215	-0.000662uv	mg/L	0.001473	222.6	890.580	-0.000662 mg/L	Y 371.029
As 188.980	0.004862	mg/L	0.001813	37.3	3.74919	0.004862 mg/L	Y 371.029
As 193.696	0.004459	mg/L	0.002537	56.9	3.29206	0.004459 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001168	58.3	6.29578	uncal mg/L	Y 371.029
B 182.577	0.068561	mg/L	0.013367	19.5	27.0264	0.068561 mg/L	Y 371.029
B 249.678	0.073799	mg/L	0.017901	24.3	567.341	0.073799 mg/L	Y 371.029
B 249.772	0.073541	mg/L	0.017788	24.2	1079.38	0.073541 mg/L	Y 371.029
Ba 233.527	0.000074	mg/L	0.000016	21.1	133.912	0.000074 mg/L	Y 371.029
Ba 455.403	-0.000157uv	mg/L	0.000006	3.8	4412.50	-0.000157 mg/L	Y 371.029
Ba 493.408	-0.000101uv	mg/L	0.000007	7.4	2894.06	-0.000101 mg/L	Y 371.029
Be 234.861	0.000029	mg/L	0.000005	17.6	1.08845	0.000029 mg/L	Y 371.029
Be 313.042	-0.000081uv	mg/L	0.000004	5.2	678.284	-0.000081 mg/L	Y 371.029
Be 313.107	0.000042	mg/L	0.000006	13.4	6.31537	0.000042 mg/L	Y 371.029
Ca 393.366	0.007457n	mg/L	0.000059	0.8	24174.0	0.007457 mg/L	Y 371.029
Ca 396.847	0.006270	mg/L	0.000067	1.1	39967.4	0.006270 mg/L	Y 371.029
Ca 430.253	0.022154	mg/L	0.004879	22.0	448.614	0.022154 mg/L	Y 371.029
Cd 214.439	-0.000158uv	mg/L	0.000023	14.8	2.21856	-0.000158 mg/L	Y 371.029
Cd 226.502	-0.000053uv	mg/L	0.000088	167.0	9.19793	-0.000053 mg/L	Y 371.029
Cd 228.802	-0.000025uv	mg/L	0.000073	286.5	9.35267	-0.000025 mg/L	Y 371.029
Co 228.615	-0.000056uv	mg/L	0.000187	337.2	1.71996	-0.000056 mg/L	Y 371.029
Co 230.786	-0.000042uv	mg/L	0.000235	565.6	2.96046	-0.000042 mg/L	Y 371.029
Co 238.892	-0.000167uv	mg/L	0.000532	319.3	1.94335	-0.000167 mg/L	Y 371.029
Cr 205.560	-0.000006uv	mg/L	0.000067	1131.6	2.68209	-0.000006 mg/L	Y 371.029
Cr 206.158	0.000291uv	mg/L	0.000490	168.7	1.79684	0.000291 mg/L	Y 371.029
Cr 267.716	0.000062uv	mg/L	0.000080	129.5	14.2069	0.000062 mg/L	Y 371.029
Cu 213.598	0.000388	mg/L	0.000079	20.4	0.984814	0.000388 mg/L	Y 371.029
Cu 324.754	-0.001260uv	mg/L	0.000345	27.4	435.696	-0.001260 mg/L	Y 371.029
Cu 327.395	0.000034uv	mg/L	0.000236	693.4	17.3179	0.000034 mg/L	Y 371.029
Fe 234.350	0.023454	mg/L	0.002332	9.9	164.517	0.023454 mg/L	Y 371.029
Fe 238.204	0.018170	mg/L	0.002092	11.5	327.974	0.018170 mg/L	Y 371.029
Fe 259.940	0.020341	mg/L	0.002427	11.9	308.607	0.020341 mg/L	Y 371.029
Ga 287.423	-0.000925uv	mg/L	0.001042	112.7	4.58121	-0.000925 mg/L	Y 371.029
Ga 294.363	0.000660	mg/L	0.000374	56.7	9.70344	0.000660 mg/L	Y 371.029
Ga 417.204	0.000050uv	mg/L	0.000447	894.6	49.0127	0.000050 mg/L	Y 371.029
K 766.491	0.001147	mg/L	0.000283	24.7	1448.57	0.001147 mg/L	Y 371.029
K 769.897	0.007701	mg/L	0.001506	19.6	4945.44	0.007701 mg/L	Y 371.029
Li 610.365	0.008016	mg/L	0.000358	4.5	79.9981	0.008016 mg/L	Y 371.029
Li 670.783	0.000661	mg/L	0.000042	6.4	38252.0	0.000661 mg/L	Y 371.029
Mg 279.078	0.002502	mg/L	0.001060	42.4	9.16551	0.002502 mg/L	Y 371.029
Mg 280.270	0.000216	mg/L	0.000026	12.0	268.234	0.000216 mg/L	Y 371.029
Mg 285.213	-0.000179uv	mg/L	0.000088	49.4	91.7436	-0.000179 mg/L	Y 371.029
Mn 257.610	0.000282	mg/L	0.000013	4.5	37.0273	0.000282 mg/L	Y 371.029
Mn 259.372	0.000312	mg/L	0.000025	8.1	45.9320	0.000312 mg/L	Y 371.029
Mn 260.568	0.000362	mg/L	0.000055	15.1	7.98202	0.000362 mg/L	Y 371.029
Mo 202.032	0.013187	mg/L	0.001956	14.8	37.8512	0.013187 mg/L	Y 371.029
Mo 203.846	0.012884	mg/L	0.002106	16.3	16.7488	0.012884 mg/L	Y 371.029
Mo 204.598	0.013057	mg/L	0.003004	23.0	18.8746	0.013057 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.872909	mg/L	0.009065	1.0	43.6591	0.872909 mg/L	Y 371.029
Na 588.995	-0.258411uv	mg/L	0.001417	0.5	105331	-0.258411 mg/L	Y 371.029
Na 589.592	-0.448460uv	mg/L	0.000722	0.2	50651.7	-0.448460 mg/L	Y 371.029
Ni 216.555	0.000123uv	mg/L	0.000439	355.5	2.34646	0.000123 mg/L	Y 371.029
Ni 221.648	0.000495	mg/L	0.000508	102.6	2.21648	0.000495 mg/L	Y 371.029
Ni 231.604	0.000377uv	mg/L	0.000625	165.7	3.72104	0.000377 mg/L	Y 371.029
P 177.434	-0.007714uv	mg/L	0.002870	37.2	1.32875	-0.007714 mg/L	Y 371.029
P 213.618	0.001122	mg/L	0.000179	15.9	1.90801	0.001122 mg/L	Y 371.029
P 214.914	0.004599uv	mg/L	0.008389	182.4	2.02666	0.004599 mg/L	Y 371.029
Pb 220.353	-0.000290uv	mg/L	0.000851	293.8	2.58615	-0.000290 mg/L	Y 371.029
Pb 261.417	0.005817	mg/L	0.000802	13.8	2.46437	0.005817 mg/L	Y 371.029
Pb 405.781	0.012854	mg/L	0.003465	27.0	53.4083	0.012854 mg/L	Y 371.029
Sb 206.834	0.015166	mg/L	0.001986	13.1	10.8132	0.015166 mg/L	Y 371.029
Sb 231.146	0.020194	mg/L	0.003319	16.4	10.7982	0.020194 mg/L	Y 371.029
Sb 259.804	0.012550	mg/L	0.003100	24.7	6.57108	0.012550 mg/L	Y 371.029
Se 196.026	0.006859	mg/L	0.003827	55.8	3.34485	0.006859 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.011283	65.4	2.32087	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.002107	4.2	142.612	uncal mg/L	Y 371.029
Si 251.611	0.077158	mg/L	0.000291	0.4	156.841	0.077158 mg/L	Y 371.029
Si 288.158	0.073377	mg/L	0.001065	1.5	1410.67	0.073377 mg/L	Y 371.029
Sn 189.927	-0.000863uv	mg/L	0.001857	215.2	2.01557	-0.000863 mg/L	Y 371.029
Sn 283.998	0.001948uv	mg/L	0.001799	92.3	4.71163	0.001948 mg/L	Y 371.029
Sr 216.596	0.000533	mg/L	0.000176	33.0	11.6224	0.000533 mg/L	Y 371.029
Sr 407.771	-0.000040uv	mg/L	0.000021	53.8	5506.13	-0.000040 mg/L	Y 371.029
Sr 421.552	-0.000037uv	mg/L	0.000025	67.8	3540.71	-0.000037 mg/L	Y 371.029
Ti 334.941	0.000596	mg/L	0.000141	23.6	168.695	0.000596 mg/L	Y 371.029
Ti 336.122	0.000604	mg/L	0.000186	30.8	67.8099	0.000604 mg/L	Y 371.029
Ti 337.280	0.000648	mg/L	0.000264	40.8	21.0185	0.000648 mg/L	Y 371.029
Tl 190.794	0.003053uv	mg/L	0.005826	190.8	2.03154	0.003053 mg/L	Y 371.029
Tl 190.807	0.005096uv	mg/L	0.007758	152.3	1.70785	0.005096 mg/L	Y 371.029
Tl 351.923	0.001540uv	mg/L	0.001737	112.7	7.23487	0.001540 mg/L	Y 371.029
V 268.796	0.000870	mg/L	0.000654	75.2	31.7474	0.000870 mg/L	Y 371.029
V 292.401	-0.000047uv	mg/L	0.000179	382.0	13.7439	-0.000047 mg/L	Y 371.029
V 311.837	0.000513	mg/L	0.000034	6.6	2.23832	0.000513 mg/L	Y 371.029
Zn 202.548	0.006268	mg/L	0.000510	8.1	287.323	0.006268 mg/L	Y 371.029
Zn 206.200	0.005548	mg/L	0.000443	8.0	96.2261	0.005548 mg/L	Y 371.029
Zn 213.857	0.002443	mg/L	0.000496	20.3	797.114	0.002443 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.863863	6927.13	42.171	0.6
Y 371.029	1.01861	167975	1300.521	0.8

1113232-BS1 (Samp) **3/29/2011, 4:17:01 PM** **Rack 1, Tube 51**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.314970	mg/L	0.000130	0.0	14009.2	0.314970 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001178	0.4	812.271	uncal mg/L	Y 371.029
Al 237.312	5.13561	mg/L	0.006835	0.1	6063.53	5.13561 mg/L	Y 371.029
Al 257.509	5.15206	mg/L	0.005430	0.1	2700.67	5.15206 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	5.26663	mg/L	0.003564	0.1	27831.2	5.26663 mg/L	Y 371.029
As 188.980	1.04061	mg/L	0.006182	0.6	218.967	1.04061 mg/L	Y 371.029
As 193.696	1.04205	mg/L	0.009182	0.9	273.417	1.04205 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.013769	0.5	2519.93	uncal mg/L	Y 371.029
B 182.577	1.02322	mg/L	0.011027	1.1	357.964	1.02322 mg/L	Y 371.029
B 249.678	1.03730	mg/L	0.012164	1.2	7731.43	1.03730 mg/L	Y 371.029
B 249.772	1.02581	mg/L	0.005858	0.6	14647.5	1.02581 mg/L	Y 371.029
Ba 233.527	1.06050	mg/L	0.000746	0.1	30236.8	1.06050 mg/L	Y 371.029
Ba 455.403	1.00714	mg/L	0.001329	0.1	975077	1.00714 mg/L	Y 371.029
Ba 493.408	1.01448	mg/L	0.000887	0.1	628197	1.01448 mg/L	Y 371.029
Be 234.861	1.08322	mg/L	0.001124	0.1	89445.8	1.08322 mg/L	Y 371.029
Be 313.042	1.06192	mg/L	0.000836	0.1	1334293	1.06192 mg/L	Y 371.029
Be 313.107	1.06734	mg/L	0.000869	0.1	661862	1.06734 mg/L	Y 371.029
Ca 393.366	9.22912n	mg/L	0.003200	0.0	10240599	9.22912 mg/L	Y 371.029
Ca 396.847	8.97530	mg/L	0.007172	0.1	18662442	8.97530 mg/L	Y 371.029
Ca 430.253	10.0303	mg/L	0.134552	1.3	34667.6	10.0303 mg/L	Y 371.029
Cd 214.439	1.07490	mg/L	0.006689	0.6	9887.29	1.07490 mg/L	Y 371.029
Cd 226.502	1.06428	mg/L	0.001311	0.1	22086.7	1.06428 mg/L	Y 371.029
Cd 228.802	1.03633	mg/L	0.006558	0.6	10466.2	1.03633 mg/L	Y 371.029
Co 228.615	1.05026	mg/L	0.003047	0.3	6033.19	1.05026 mg/L	Y 371.029
Co 230.786	1.04844	mg/L	0.004290	0.4	4300.59	1.04844 mg/L	Y 371.029
Co 238.892	1.02919	mg/L	0.001435	0.1	4102.30	1.02919 mg/L	Y 371.029
Cr 205.560	1.05486	mg/L	0.002998	0.3	2930.05	1.05486 mg/L	Y 371.029
Cr 206.158	1.06710	mg/L	0.003920	0.4	1233.16	1.06710 mg/L	Y 371.029
Cr 267.716	1.04679	mg/L	0.001170	0.1	16185.9	1.04679 mg/L	Y 371.029
Cu 213.598	1.06540	mg/L	0.001552	0.1	2113.89	1.06540 mg/L	Y 371.029
Cu 324.754	1.00046	mg/L	0.002102	0.2	31843.8	1.00046 mg/L	Y 371.029
Cu 327.395	1.01832	mg/L	0.002033	0.2	43307.4	1.01832 mg/L	Y 371.029
Fe 234.350	5.11734	mg/L	0.007301	0.1	32266.8	5.11734 mg/L	Y 371.029
Fe 238.204	4.00580	mg/L	0.006758	0.2	67528.2	4.00580 mg/L	Y 371.029
Fe 259.940	4.58206	mg/L	0.014368	0.3	61037.4	4.58206 mg/L	Y 371.029
Ga 287.423	1.06336	mg/L	0.003238	0.3	2017.30	1.06336 mg/L	Y 371.029
Ga 294.363	1.03301	mg/L	0.002564	0.2	5351.62	1.03301 mg/L	Y 371.029
Ga 417.204	1.00524	mg/L	0.001008	0.1	8227.92	1.00524 mg/L	Y 371.029
K 766.491	10.0047	mg/L	0.037218	0.4	532640	10.0047 mg/L	Y 371.029
K 769.897	10.3978	mg/L	0.003445	0.0	465685	10.3978 mg/L	Y 371.029
Li 610.365	1.07442	mg/L	0.001105	0.1	35175.5	1.07442 mg/L	Y 371.029
Li 670.783	1.08232	mg/L	0.001785	0.2	2402274	1.08232 mg/L	Y 371.029
Mg 279.078	10.4558	mg/L	0.003332	0.0	10419.5	10.4558 mg/L	Y 371.029
Mg 280.270	10.3779	mg/L	0.014424	0.1	724265	10.3779 mg/L	Y 371.029
Mg 285.213	11.0807	mg/L	0.020389	0.2	295151	11.0807 mg/L	Y 371.029
Mn 257.610	1.02091	mg/L	0.007454	0.7	111687	1.02091 mg/L	Y 371.029
Mn 259.372	1.02444	mg/L	0.008326	0.8	85251.9	1.02444 mg/L	Y 371.029
Mn 260.568	1.04003	mg/L	0.002228	0.2	14947.1	1.04003 mg/L	Y 371.029
Mo 202.032	1.03074	mg/L	0.017565	1.7	2766.82	1.03074 mg/L	Y 371.029
Mo 203.846	1.02972	mg/L	0.021936	2.1	1168.63	1.02972 mg/L	Y 371.029
Mo 204.598	1.04889	mg/L	0.020259	1.9	1362.33	1.04889 mg/L	Y 371.029
Na 568.821	9.52302	mg/L	0.008875	0.1	2287.22	9.52302 mg/L	Y 371.029
Na 588.995	10.8367	mg/L	0.010908	0.1	4307102	10.8367 mg/L	Y 371.029
Na 589.592	11.1640	mg/L	0.011742	0.1	2353924	11.1640 mg/L	Y 371.029
Ni 216.555	1.05792	mg/L	0.003401	0.3	3118.74	1.05792 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	1.05609	mg/L	0.002366	0.2	1262.58	1.05609 mg/L	Y 371.029
Ni 231.604	1.06208	mg/L	0.004331	0.4	2254.23	1.06208 mg/L	Y 371.029
P 177.434	1.05446	mg/L	0.002371	0.2	106.202	1.05446 mg/L	Y 371.029
P 213.618	1.09212	mg/L	0.010729	1.0	395.534	1.09212 mg/L	Y 371.029
P 214.914	1.03777	mg/L	0.003675	0.4	107.502	1.03777 mg/L	Y 371.029
Pb 220.353	1.04260	mg/L	0.003654	0.4	684.552	1.04260 mg/L	Y 371.029
Pb 261.417	0.789766	mg/L	0.004049	0.5	326.201	0.789766 mg/L	Y 371.029
Pb 405.781	1.01195	mg/L	0.006123	0.6	1207.60	1.01195 mg/L	Y 371.029
Sb 206.834	1.09612	mg/L	0.003698	0.3	513.886	1.09612 mg/L	Y 371.029
Sb 231.146	1.13972	mg/L	0.015468	1.4	444.913	1.13972 mg/L	Y 371.029
Sb 259.804	0.940257	mg/L	0.029330	3.1	274.048	0.940257 mg/L	Y 371.029
Se 196.026	1.04309	mg/L	0.011160	1.1	185.324	1.04309 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.020402	1.9	116.869	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.001916	0.2	1229.16	uncal mg/L	Y 371.029
Si 251.611	1.19177	mg/L	0.001693	0.1	1354.50	1.19177 mg/L	Y 371.029
Si 288.158	1.11519	mg/L	0.005521	0.5	7399.02	1.11519 mg/L	Y 371.029
Sn 189.927	1.04494	mg/L	0.001338	0.1	187.481	1.04494 mg/L	Y 371.029
Sn 283.998	0.980839	mg/L	0.004379	0.4	1803.98	0.980839 mg/L	Y 371.029
Sr 216.596	1.11265	mg/L	0.001477	0.1	5319.89	1.11265 mg/L	Y 371.029
Sr 407.771	1.03585	mg/L	0.005629	0.5	2795447	1.03585 mg/L	Y 371.029
Sr 421.552	1.04891	mg/L	0.001758	0.2	1837328	1.04891 mg/L	Y 371.029
Ti 334.941	1.02212	mg/L	0.005144	0.5	205271	1.02212 mg/L	Y 371.029
Ti 336.122	1.02038	mg/L	0.004718	0.5	86131.1	1.02038 mg/L	Y 371.029
Ti 337.280	1.03436	mg/L	0.000696	0.1	29654.5	1.03436 mg/L	Y 371.029
Tl 190.794	1.05643	mg/L	0.003170	0.3	251.602	1.05643 mg/L	Y 371.029
Tl 190.807	1.05957	mg/L	0.010389	1.0	128.404	1.05957 mg/L	Y 371.029
Tl 351.923	1.04798	mg/L	0.001920	0.2	1491.65	1.04798 mg/L	Y 371.029
V 268.796	1.00264	mg/L	0.002553	0.3	7704.55	1.00264 mg/L	Y 371.029
V 292.401	1.04044	mg/L	0.001044	0.1	25388.3	1.04044 mg/L	Y 371.029
V 311.837	1.03377	mg/L	0.001861	0.2	36573.1	1.03377 mg/L	Y 371.029
Zn 202.548	1.10381	mg/L	0.001361	0.1	4395.59	1.10381 mg/L	Y 371.029
Zn 206.200	1.10180	mg/L	0.004627	0.4	1465.24	1.10180 mg/L	Y 371.029
Zn 213.857	1.06244	mg/L	0.006328	0.6	12382.7	1.06244 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.860923	6903.56	3.769	0.1
Y 371.029	1.00986	166533	436.198	0.3

11C1255-07 (Samp) **3/29/2011, 4:21:15 PM** **Rack 1, Tube 52**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000951	mg/L	0.000088	9.2	130.557	-0.004757 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000421	32.4	1.80702	uncal mg/L	Y 371.029
Al 237.312	0.307847	mg/L	0.002754	0.9	408.389	1.53924 mg/L	Y 371.029
Al 257.509	0.309318	mg/L	0.005297	1.7	177.759	1.54659 mg/L	Y 371.029
Al 308.215	0.333370	mg/L	0.002172	0.7	2535.26	1.66685 mg/L	Y 371.029
As 188.980	0.014891	mg/L	0.002218	14.9	5.40316	0.074455 mg/L	Y 371.029
As 193.696	0.013065	mg/L	0.003576	27.4	5.08990	0.065327 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003311	38.1	11.3525	uncal mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.106286	mg/L	0.000269	0.3	40.6661	0.531428 mg/L	Y 371.029
B 249.678	0.077846	mg/L	0.003511	4.5	613.245	0.389230 mg/L	Y 371.029
B 249.772	0.077133	mg/L	0.003085	4.0	1158.92	0.385664 mg/L	Y 371.029
Ba 233.527	0.008791	mg/L	0.000166	1.9	400.944	0.043954 mg/L	Y 371.029
Ba 455.403	0.008300	mg/L	0.000005	0.1	13075.3	0.041499 mg/L	Y 371.029
Ba 493.408	0.008432	mg/L	0.000024	0.3	8498.54	0.042161 mg/L	Y 371.029
Be 234.861	0.000066	mg/L	0.000002	2.4	0.557786	0.000331 mg/L	Y 371.029
Be 313.042	-0.000067uv	mg/L	0.000007	10.6	680.415	-0.000335 mg/L	Y 371.029
Be 313.107	0.000049	mg/L	0.000009	18.9	13.1657	0.000246 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.165742	0.6	31505890	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.336132	1.8	38800956	- mg/L	Y 371.029
Ca 430.253	55.2116	mg/L	0.069393	0.1	188784	276.058 mg/L	Y 371.029
Cd 214.439	-0.000025uv	mg/L	0.000164	662.2	3.51327	-0.000124 mg/L	Y 371.029
Cd 226.502	0.000016	mg/L	0.000037	234.2	13.6358	0.000079 mg/L	Y 371.029
Cd 228.802	0.000110uv	mg/L	0.000149	135.5	10.4513	0.000549 mg/L	Y 371.029
Co 228.615	-0.000027uv	mg/L	0.000233	858.2	2.12786	-0.000136 mg/L	Y 371.029
Co 230.786	0.000637	mg/L	0.000088	13.8	7.12214	0.003187 mg/L	Y 371.029
Co 238.892	0.000191uv	mg/L	0.000103	54.0	0.757260	0.000954 mg/L	Y 371.029
Cr 205.560	0.001721	mg/L	0.000235	13.6	9.31096	0.008605 mg/L	Y 371.029
Cr 206.158	0.001071	mg/L	0.000378	35.3	3.12683	0.005353 mg/L	Y 371.029
Cr 267.716	0.001717	mg/L	0.000259	15.1	47.8930	0.008583 mg/L	Y 371.029
Cu 213.598	0.002935	mg/L	0.000401	13.7	8.46064	0.014674 mg/L	Y 371.029
Cu 324.754	0.004746	mg/L	0.000187	3.9	576.076	0.023729 mg/L	Y 371.029
Cu 327.395	0.003578	mg/L	0.000213	6.0	189.826	0.017892 mg/L	Y 371.029
Fe 234.350	1.22072	mg/L	0.018542	1.5	7704.38	6.10361 mg/L	Y 371.029
Fe 238.204	0.953973	mg/L	0.013327	1.4	16131.6	4.76987 mg/L	Y 371.029
Fe 259.940	1.09294	mg/L	0.024004	2.2	14615.1	5.46468 mg/L	Y 371.029
Ga 287.423	0.001260	mg/L	0.002234	177.2	22.1946	0.006302 mg/L	Y 371.029
Ga 294.363	0.000785uv	mg/L	0.000585	74.5	9.07376	0.003927 mg/L	Y 371.029
Ga 417.204	-0.000096uv	mg/L	0.000619	644.2	49.3282	-0.000480 mg/L	Y 371.029
K 766.491	14.5026	mg/L	0.042747	0.3	771529	72.5128 mg/L	Y 371.029
K 769.897	14.7629	mg/L	0.056836	0.4	659287	73.8145 mg/L	Y 371.029
Li 610.365	0.008399	mg/L	0.000205	2.4	92.5975	0.041996 mg/L	Y 371.029
Li 670.783	0.002696	mg/L	0.000036	1.3	43616.6	0.013481 mg/L	Y 371.029
Mg 279.078	0.120624	mg/L	0.000634	0.5	126.037	0.603121 mg/L	Y 371.029
Mg 280.270	0.124563	mg/L	0.001427	1.1	9070.57	0.622813 mg/L	Y 371.029
Mg 285.213	0.123949	mg/L	0.000486	0.4	3421.33	0.619744 mg/L	Y 371.029
Mn 257.610	0.030647	mg/L	0.000242	0.8	3404.38	0.153237 mg/L	Y 371.029
Mn 259.372	0.030729	mg/L	0.000111	0.4	2717.53	0.153645 mg/L	Y 371.029
Mn 260.568	0.031145	mg/L	0.000439	1.4	453.259	0.155726 mg/L	Y 371.029
Mo 202.032	0.024147	mg/L	0.004325	17.9	126.866	0.120733 mg/L	Y 371.029
Mo 203.846	0.023951	mg/L	0.005107	21.3	55.3616	0.119753 mg/L	Y 371.029
Mo 204.598	0.023584	mg/L	0.004669	19.8	62.4315	0.117922 mg/L	Y 371.029
Na 568.821	35.9379	mg/L	0.120946	0.3	9102.97	179.689 mg/L	Y 371.029
Na 588.995	35.6207	mg/L	0.047781	0.1	13685287	178.103 mg/L	Y 371.029
Na 589.592	38.9122	mg/L	0.016928	0.0	7851206	194.561 mg/L	Y 371.029
Ni 216.555	0.000961	mg/L	0.000654	68.0	7.31731	0.004804 mg/L	Y 371.029
Ni 221.648	0.001565	mg/L	0.001465	93.7	4.59609	0.007823 mg/L	Y 371.029
Ni 231.604	0.001366	mg/L	0.000082	6.0	7.69137	0.006831 mg/L	Y 371.029
P 177.434	0.030578	mg/L	0.007634	25.0	4.98151	0.152888 mg/L	Y 371.029
P 213.618	0.023367	mg/L	0.002315	9.9	11.1597	0.116835 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.040828	mg/L	0.004439	10.9	5.73373	0.204142 mg/L	Y 371.029
Pb 220.353	0.001117uv	mg/L	0.001916	171.5	3.88867	0.005586 mg/L	Y 371.029
Pb 261.417	-0.000148	mg/L	0.003076	2079.6	2.72531	-0.000740 mg/L	Y 371.029
Pb 405.781	0.001001	mg/L	0.002237	223.5	54.8175	0.005003 mg/L	Y 371.029
Sb 206.834	0.009291	mg/L	0.001851	19.9	11.0215	0.046455 mg/L	Y 371.029
Sb 231.146	0.004126	mg/L	0.006054	146.7	8.40864	0.020632 mg/L	Y 371.029
Sb 259.804	-0.017565uv	mg/L	0.002607	14.8	3.02897	-0.087826 mg/L	Y 371.029
Se 196.026	0.016276	mg/L	0.002471	15.2	5.48634	0.081379 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.008835	35.0	2.50650	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.021889	0.7	3363.67	uncal mg/L	Y 371.029
Si 251.611	3.42458	mg/L	0.017127	0.5	3730.94	17.1229 mg/L	Y 371.029
Si 288.158	3.22209	mg/L	0.024000	0.7	19663.6	16.1104 mg/L	Y 371.029
Sn 189.927	0.005632	mg/L	0.002867	50.9	3.12395	0.028160 mg/L	Y 371.029
Sn 283.998	0.007100	mg/L	0.001295	18.2	15.7702	0.035499 mg/L	Y 371.029
Sr 216.596	0.183422	mg/L	0.002108	1.1	889.309	0.917109 mg/L	Y 371.029
Sr 407.771	0.176570	mg/L	0.000531	0.3	483647	0.882850 mg/L	Y 371.029
Sr 421.552	0.178913	mg/L	0.001579	0.9	318000	0.894565 mg/L	Y 371.029
Ti 334.941	0.014539	mg/L	0.000473	3.3	2994.17	0.072695 mg/L	Y 371.029
Ti 336.122	0.013579	mg/L	0.000459	3.4	1164.73	0.067893 mg/L	Y 371.029
Ti 337.280	0.014489	mg/L	0.000504	3.5	428.093	0.072444 mg/L	Y 371.029
Tl 190.794	0.001167uv	mg/L	0.001460	125.1	1.16916	0.005835 mg/L	Y 371.029
Tl 190.807	0.000956uv	mg/L	0.001805	188.9	1.12843	0.004779 mg/L	Y 371.029
Tl 351.923	0.008497	mg/L	0.002586	30.4	17.8236	0.042483 mg/L	Y 371.029
V 268.796	0.001555	mg/L	0.000513	33.0	81.3563	0.007776 mg/L	Y 371.029
V 292.401	0.003326	mg/L	0.000119	3.6	102.849	0.016628 mg/L	Y 371.029
V 311.837	0.003255	mg/L	0.000097	3.0	108.440	0.016275 mg/L	Y 371.029
Zn 202.548	0.012833	mg/L	0.000781	6.1	333.527	0.064166 mg/L	Y 371.029
Zn 206.200	0.011320	mg/L	0.000801	7.1	110.750	0.056602 mg/L	Y 371.029
Zn 213.857	0.008848	mg/L	0.000160	1.8	930.242	0.044238 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.854750	6854.06	12.929	0.2
Y 371.029	1.00260	165335	580.083	0.4

11C1255-08 (Samp) **3/29/2011, 4:25:30 PM** **Rack 1, Tube 53**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000500	mg/L	0.000227	45.4	136.394	-0.002498 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000880	50.5	3.23685	uncal mg/L	Y 371.029
Al 237.312	-0.007802uv	mg/L	0.002650	34.0	34.6063	-0.039011 mg/L	Y 371.029
Al 257.509	-0.008512uv	mg/L	0.004103	48.2	15.4337	-0.042558 mg/L	Y 371.029
Al 308.215	0.013999uv	mg/L	0.001666	11.9	898.400	0.069994 mg/L	Y 371.029
As 188.980	0.009843uv	mg/L	0.006295	64.0	4.01608	0.049214 mg/L	Y 371.029
As 193.696	0.004631uv	mg/L	0.002579	55.7	2.78891	0.023157 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.000596	35.0	5.89613	uncal mg/L	Y 371.029
B 182.577	0.037962	mg/L	0.002825	7.4	16.5996	0.189809 mg/L	Y 371.029
B 249.678	0.035030	mg/L	0.000352	1.0	290.799	0.175149 mg/L	Y 371.029
B 249.772	0.033552	mg/L	0.000539	1.6	643.016	0.167762 mg/L	Y 371.029
Ba 233.527	0.042693	mg/L	0.000169	0.4	1355.74	0.213467 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.041245	mg/L	0.000065	0.2	44465.9	0.206225 mg/L	Y 371.029
Ba 493.408	0.041226	mg/L	0.000006	0.0	28555.4	0.206129 mg/L	Y 371.029
Be 234.861	0.000544	mg/L	0.000011	2.0	4.33485	0.002718 mg/L	Y 371.029
Be 313.042	-0.000070uv	mg/L	0.000003	3.9	684.393	-0.000352 mg/L	Y 371.029
Be 313.107	0.000048	mg/L	0.000010	20.0	14.9148	0.000239 mg/L	Y 371.029
Ca 393.366	7.37600n	mg/L	0.016848	0.2	8190107	36.8800 mg/L	Y 371.029
Ca 396.847	7.01953	mg/L	0.015804	0.2	14604456	35.0976 mg/L	Y 371.029
Ca 430.253	7.65915	mg/L	0.046463	0.6	26688.0	38.2958 mg/L	Y 371.029
Cd 214.439	-0.000064uv	mg/L	0.000160	249.9	3.70850	-0.000320 mg/L	Y 371.029
Cd 226.502	0.000532	mg/L	0.000032	6.0	36.0275	0.002661 mg/L	Y 371.029
Cd 228.802	-0.000151uv	mg/L	0.000081	54.0	7.00716	-0.000754 mg/L	Y 371.029
Co 228.615	-0.003216	mg/L	0.000323	10.0	6.89409	-0.016082 mg/L	Y 371.029
Co 230.786	-0.002406	mg/L	0.000498	20.7	13.4614	-0.012030 mg/L	Y 371.029
Co 238.892	-0.006193uv	mg/L	0.001687	27.2	-66.2795	-0.030964 mg/L	Y 371.029
Cr 205.560	-0.001756uv	mg/L	0.000259	14.8	2.91593	-0.008778 mg/L	Y 371.029
Cr 206.158	-0.002062uv	mg/L	0.000046	2.2	1.41519	-0.010308 mg/L	Y 371.029
Cr 267.716	-0.001450	mg/L	0.000113	7.8	19.4268	-0.007248 mg/L	Y 371.029
Cu 213.598	0.001237	mg/L	0.000408	32.9	15.6567	0.006187 mg/L	Y 371.029
Cu 324.754	-0.001432uv	mg/L	0.000278	19.4	432.056	-0.007162 mg/L	Y 371.029
Cu 327.395	-0.003028uv	mg/L	0.000068	2.2	9.58281	-0.015138 mg/L	Y 371.029
Fe 234.350	14.4067	mg/L	0.099364	0.7	90250.3	72.0335 mg/L	Y 371.029
Fe 238.204	11.0399	mg/L	0.226013	2.0	184920	55.1997 mg/L	Y 371.029
Fe 259.940	12.6296	mg/L	0.085631	0.7	167316	63.1482 mg/L	Y 371.029
Ga 287.423	0.013272	mg/L	0.002120	16.0	180.775	0.066360 mg/L	Y 371.029
Ga 294.363	0.000255	mg/L	0.000593	232.9	17.4319	0.001273 mg/L	Y 371.029
Ga 417.204	0.000210	mg/L	0.001494	710.1	76.8153	0.001052 mg/L	Y 371.029
K 766.491	2.32037	mg/L	0.005605	0.2	124822	11.6019 mg/L	Y 371.029
K 769.897	2.24791	mg/L	0.005521	0.2	104781	11.2395 mg/L	Y 371.029
Li 610.365	0.009888	mg/L	0.000119	1.2	141.598	0.049440 mg/L	Y 371.029
Li 670.783	0.004698	mg/L	0.000014	0.3	49188.5	0.023490 mg/L	Y 371.029
Mg 279.078	16.8799	mg/L	0.024246	0.1	16817.1	84.3995 mg/L	Y 371.029
Mg 280.270	16.3526	mg/L	0.127459	0.8	1140895	81.7631 mg/L	Y 371.029
Mg 285.213	17.7571	mg/L	0.103825	0.6	472928	88.7857 mg/L	Y 371.029
Mn 257.610	0.712982	mg/L	0.006336	0.9	77135.9	3.56491 mg/L	Y 371.029
Mn 259.372	0.719970	mg/L	0.008367	1.2	60615.5	3.59985 mg/L	Y 371.029
Mn 260.568	0.721271	mg/L	0.007326	1.0	10376.3	3.60635 mg/L	Y 371.029
Mo 202.032	-0.020493	mg/L	0.002265	11.1	29.0443	-0.102465 mg/L	Y 371.029
Mo 203.846	-0.023070	mg/L	0.001510	6.5	12.3701	-0.115349 mg/L	Y 371.029
Mo 204.598	-0.024079	mg/L	0.002633	10.9	13.3482	-0.120393 mg/L	Y 371.029
Na 568.821	58.9080	mg/L	0.058695	0.1	14971.5	294.540 mg/L	Y 371.029
Na 588.995	53.4098	mg/L	0.144100	0.3	20413018	267.049 mg/L	Y 371.029
Na 589.592	60.6315	mg/L	0.135090	0.2	12153076	303.157 mg/L	Y 371.029
Ni 216.555	-0.007231	mg/L	0.000588	8.1	7.95663	-0.036157 mg/L	Y 371.029
Ni 221.648	-0.008762uv	mg/L	0.000997	11.4	1.87626	-0.043809 mg/L	Y 371.029
Ni 231.604	-0.007798	mg/L	0.000478	6.1	5.20155	-0.038989 mg/L	Y 371.029
P 177.434	0.019241	mg/L	0.001771	9.2	3.99671	0.096207 mg/L	Y 371.029
P 213.618	0.014206	mg/L	0.001689	11.9	8.78504	0.071032 mg/L	Y 371.029
P 214.914	0.029633	mg/L	0.009904	33.4	5.24253	0.148166 mg/L	Y 371.029
Pb 220.353	0.000543uv	mg/L	0.001759	323.9	3.47504	0.002716 mg/L	Y 371.029
Pb 261.417	-0.005529	mg/L	0.003064	55.4	2.19274	-0.027645 mg/L	Y 371.029
Pb 405.781	0.008140	mg/L	0.005531	67.9	61.1672	0.040700 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.005485	mg/L	0.003613	65.9	9.24652	0.027425 mg/L	Y 371.029
Sb 231.146	0.012673uv	mg/L	0.010462	82.6	6.88638	0.063364 mg/L	Y 371.029
Sb 259.804	-0.027668	mg/L	0.003682	13.3	4.61316	-0.138339 mg/L	Y 371.029
Se 196.026	0.012363	mg/L	0.003173	25.7	4.06130	0.061814 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.009004	110.0	0.879378	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.012945	0.4	3621.43	uncal mg/L	Y 371.029
Si 251.611	3.73495	mg/L	0.017356	0.5	4026.91	18.6747 mg/L	Y 371.029
Si 288.158	3.50350	mg/L	0.045011	1.3	21091.9	17.5175 mg/L	Y 371.029
Sn 189.927	-0.003873uv	mg/L	0.002013	52.0	1.68486	-0.019363 mg/L	Y 371.029
Sn 283.998	-0.001043	mg/L	0.001092	104.7	7.20345	-0.005216 mg/L	Y 371.029
Sr 216.596	0.109032	mg/L	0.000184	0.2	539.909	0.545160 mg/L	Y 371.029
Sr 407.771	0.102152	mg/L	0.000401	0.4	281129	0.510758 mg/L	Y 371.029
Sr 421.552	0.103253	mg/L	0.000571	0.6	184408	0.516267 mg/L	Y 371.029
Ti 334.941	0.000013	mg/L	0.000215	1714.6	162.159	0.000063 mg/L	Y 371.029
Ti 336.122	-0.000139	mg/L	0.000128	92.0	51.3130	-0.000697 mg/L	Y 371.029
Ti 337.280	-0.000074	mg/L	0.000107	144.2	21.4702	-0.000370 mg/L	Y 371.029
Tl 190.794	0.003937	mg/L	0.004127	104.8	2.31320	0.019684 mg/L	Y 371.029
Tl 190.807	-0.005581uv	mg/L	0.001906	34.2	0.446065	-0.027907 mg/L	Y 371.029
Tl 351.923	0.002127uv	mg/L	0.001233	58.0	4.70651	0.010637 mg/L	Y 371.029
V 268.796	-0.005162	mg/L	0.000625	12.1	26.4558	-0.025809 mg/L	Y 371.029
V 292.401	-0.001446	mg/L	0.000297	20.5	24.9681	-0.007232 mg/L	Y 371.029
V 311.837	-0.000899	mg/L	0.000021	2.4	4.31990	-0.004496 mg/L	Y 371.029
Zn 202.548	-0.003160	mg/L	0.000850	26.9	281.270	-0.015801 mg/L	Y 371.029
Zn 206.200	-0.000941	mg/L	0.000152	16.2	98.0832	-0.004703 mg/L	Y 371.029
Zn 213.857	-0.003811	mg/L	0.000225	5.9	825.248	-0.019055 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.850583	6820.64	46.691	0.7
Y 371.029	0.991619	163525	1047.827	0.6

11C1255-09 (Samp) **3/29/2011, 4:32:10 PM** **Rack 1, Tube 54**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001016	mg/L	0.000097	9.5	129.092	-0.001016 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001167	100.3	1.40001	uncal mg/L	Y 371.029
Al 237.312	0.015268	mg/L	0.002106	13.8	64.3553	0.015268 mg/L	Y 371.029
Al 257.509	0.033573	mg/L	0.002145	6.4	32.0968	0.033573 mg/L	Y 371.029
Al 308.215	0.038601	mg/L	0.001265	3.3	1024.09	0.038601 mg/L	Y 371.029
As 188.980	0.006728	mg/L	0.002581	38.4	3.87269	0.006728 mg/L	Y 371.029
As 193.696	0.002377uv	mg/L	0.002137	89.9	2.45556	0.002377 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002309	171.3	5.27132	uncal mg/L	Y 371.029
B 182.577	0.023650	mg/L	0.001359	5.7	12.2803	0.023650 mg/L	Y 371.029
B 249.678	0.023693	mg/L	0.000355	1.5	214.422	0.023693 mg/L	Y 371.029
B 249.772	0.023608	mg/L	0.000183	0.8	434.950	0.023608 mg/L	Y 371.029
Ba 233.527	0.077648	mg/L	0.000369	0.5	2360.72	0.077648 mg/L	Y 371.029
Ba 455.403	0.074871	mg/L	0.000215	0.3	77411.5	0.074871 mg/L	Y 371.029
Ba 493.408	0.076824	mg/L	0.000325	0.4	50764.9	0.076824 mg/L	Y 371.029
Be 234.861	0.000235	mg/L	0.000005	2.2	4.07729	0.000235 mg/L	Y 371.029
Be 313.042	-0.000079uv	mg/L	0.000004	5.3	667.073	-0.000079 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000042	mg/L	0.000004	10.5	9.71498	0.000042 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.848688	2.7	35012272	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.096634	0.5	38315932	- mg/L	Y 371.029
Ca 430.253	73.6364	mg/L	0.077677	0.1	251611	73.6364 mg/L	Y 371.029
Cd 214.439	-0.000256uv	mg/L	0.000052	20.1	1.53779	-0.000256 mg/L	Y 371.029
Cd 226.502	0.000062	mg/L	0.000052	84.1	18.3588	0.000062 mg/L	Y 371.029
Cd 228.802	-0.000112uv	mg/L	0.000031	28.0	7.98257	-0.000112 mg/L	Y 371.029
Co 228.615	-0.001174uv	mg/L	0.000211	18.0	2.33394	-0.001174 mg/L	Y 371.029
Co 230.786	-0.001131	mg/L	0.000303	26.8	5.84854	-0.001131 mg/L	Y 371.029
Co 238.892	0.003616uv	mg/L	0.000262	7.2	2.25848	0.003616 mg/L	Y 371.029
Cr 205.560	-0.000450	mg/L	0.000244	54.2	4.40665	-0.000450 mg/L	Y 371.029
Cr 206.158	-0.000080uv	mg/L	0.000580	727.9	2.06627	-0.000080 mg/L	Y 371.029
Cr 267.716	-0.000553	mg/L	0.000070	12.6	18.8109	-0.000553 mg/L	Y 371.029
Cu 213.598	-0.000073	mg/L	0.000303	414.9	4.75473	-0.000073 mg/L	Y 371.029
Cu 324.754	0.000310uv	mg/L	0.000225	72.5	449.776	0.000310 mg/L	Y 371.029
Cu 327.395	-0.000838	mg/L	0.000273	32.6	29.3051	-0.000838 mg/L	Y 371.029
Fe 234.350	4.89495	mg/L	0.046184	0.9	30697.5	4.89495 mg/L	Y 371.029
Fe 238.204	3.79050	mg/L	0.032751	0.9	63576.8	3.79050 mg/L	Y 371.029
Fe 259.940	4.35602	mg/L	0.054365	1.2	57793.9	4.35602 mg/L	Y 371.029
Ga 287.423	0.005282	mg/L	0.001067	20.2	66.9995	0.005282 mg/L	Y 371.029
Ga 294.363	0.000926uv	mg/L	0.001296	140.0	9.04500	0.000926 mg/L	Y 371.029
Ga 417.204	0.001084	mg/L	0.000559	51.6	54.0446	0.001084 mg/L	Y 371.029
K 766.491	1.70189	mg/L	0.012191	0.7	92078.0	1.70189 mg/L	Y 371.029
K 769.897	1.64893	mg/L	0.010781	0.7	78091.3	1.64893 mg/L	Y 371.029
Li 610.365	0.012207	mg/L	0.000370	3.0	217.924	0.012207 mg/L	Y 371.029
Li 670.783	0.012195	mg/L	0.000041	0.3	64376.8	0.012195 mg/L	Y 371.029
Mg 279.078	1.85136	mg/L	0.007881	0.4	1850.20	1.85136 mg/L	Y 371.029
Mg 280.270	1.90469	mg/L	0.027072	1.4	133261	1.90469 mg/L	Y 371.029
Mg 285.213	1.94979	mg/L	0.012133	0.6	52037.1	1.94979 mg/L	Y 371.029
Mn 257.610	0.180104	mg/L	0.000666	0.4	19508.8	0.180104 mg/L	Y 371.029
Mn 259.372	0.178816	mg/L	0.001117	0.6	15208.0	0.178816 mg/L	Y 371.029
Mn 260.568	0.180894	mg/L	0.000455	0.3	2600.62	0.180894 mg/L	Y 371.029
Mo 202.032	-0.010220	mg/L	0.000536	5.2	14.9552	-0.010220 mg/L	Y 371.029
Mo 203.846	-0.010855	mg/L	0.000348	3.2	7.40293	-0.010855 mg/L	Y 371.029
Mo 204.598	-0.011315	mg/L	0.001081	9.6	7.13632	-0.011315 mg/L	Y 371.029
Na 568.821	21.0723	mg/L	0.098545	0.5	5296.35	21.0723 mg/L	Y 371.029
Na 588.995	22.3166	mg/L	0.012917	0.1	8652369	22.3166 mg/L	Y 371.029
Na 589.592	23.2598	mg/L	0.045536	0.2	4750444	23.2598 mg/L	Y 371.029
Ni 216.555	0.001011	mg/L	0.000401	39.7	14.6012	0.001011 mg/L	Y 371.029
Ni 221.648	0.001007	mg/L	0.001797	178.4	6.53280	0.001007 mg/L	Y 371.029
Ni 231.604	0.001295	mg/L	0.000600	46.4	12.5976	0.001295 mg/L	Y 371.029
P 177.434	0.278422	mg/L	0.006157	2.2	29.4901	0.278422 mg/L	Y 371.029
P 213.618	0.285993	mg/L	0.000859	0.3	104.063	0.285993 mg/L	Y 371.029
P 214.914	0.296342	mg/L	0.003092	1.0	31.2040	0.296342 mg/L	Y 371.029
Pb 220.353	0.000795uv	mg/L	0.001747	219.8	3.73552	0.000795 mg/L	Y 371.029
Pb 261.417	0.002966	mg/L	0.000369	12.4	2.48033	0.002966 mg/L	Y 371.029
Pb 405.781	0.009032	mg/L	0.006301	69.8	66.8759	0.009032 mg/L	Y 371.029
Sb 206.834	-0.004112	mg/L	0.001761	42.8	4.83733	-0.004112 mg/L	Y 371.029
Sb 231.146	-0.015464uv	mg/L	0.003930	25.4	2.71625	-0.015464 mg/L	Y 371.029
Sb 259.804	-0.021639	mg/L	0.010909	50.4	6.23356	-0.021639 mg/L	Y 371.029
Se 196.026	0.006738	mg/L	0.005119	76.0	4.04883	0.006738 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	uncal	mg/L	0.007539	51.9	1.33785	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.053738	0.6	8744.55	uncal mg/L	Y 371.029
Si 251.611	9.06818	mg/L	0.077593	0.9	9693.78	9.06818 mg/L	Y 371.029
Si 288.158	8.61531	mg/L	0.057022	0.7	50643.3	8.61531 mg/L	Y 371.029
Sn 189.927	0.000325uv	mg/L	0.003203	984.8	2.11904	0.000325 mg/L	Y 371.029
Sn 283.998	-0.002264	mg/L	0.000369	16.3	4.65186	-0.002264 mg/L	Y 371.029
Sr 216.596	0.063099	mg/L	0.000512	0.8	319.873	0.063099 mg/L	Y 371.029
Sr 407.771	0.059166	mg/L	0.000570	1.0	168288	0.059166 mg/L	Y 371.029
Sr 421.552	0.060414	mg/L	0.000240	0.4	111391	0.060414 mg/L	Y 371.029
Ti 334.941	-0.000101	mg/L	0.000053	52.1	85.8926	-0.000101 mg/L	Y 371.029
Ti 336.122	-0.000099uv	mg/L	0.000066	66.3	18.0400	-0.000099 mg/L	Y 371.029
Ti 337.280	-0.000094	mg/L	0.000215	229.1	14.7501	-0.000094 mg/L	Y 371.029
Tl 190.794	0.006398	mg/L	0.001828	28.6	2.43366	0.006398 mg/L	Y 371.029
Tl 190.807	0.006409uv	mg/L	0.004963	77.4	1.59541	0.006409 mg/L	Y 371.029
Tl 351.923	0.005259	mg/L	0.001695	32.2	14.6549	0.005259 mg/L	Y 371.029
V 268.796	-0.001941	mg/L	0.000175	9.0	23.1269	-0.001941 mg/L	Y 371.029
V 292.401	-0.000510	mg/L	0.000112	22.0	18.8896	-0.000510 mg/L	Y 371.029
V 311.837	-0.000033	mg/L	0.000007	22.2	4.47800	-0.000033 mg/L	Y 371.029
Zn 202.548	0.000899	mg/L	0.000717	79.8	287.352	0.000899 mg/L	Y 371.029
Zn 206.200	0.001454	mg/L	0.000433	29.8	97.9114	0.001454 mg/L	Y 371.029
Zn 213.857	-0.000731	mg/L	0.000220	30.1	823.519	-0.000731 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.851814	6830.51	7.332	0.1
Y 371.029	0.999354	164800	889.720	0.5

11C1255-33 (Samp) **3/29/2011, 4:36:25 PM** **Rack 1, Tube 55**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000068	mg/L	0.000086	125.4	130.733	0.000068 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000760	143.4	0.024058	uncal mg/L	Y 371.029
Al 237.312	0.033917	mg/L	0.003472	10.2	66.5976	0.033917 mg/L	Y 371.029
Al 257.509	0.025849	mg/L	0.001686	6.5	28.5246	0.025849 mg/L	Y 371.029
Al 308.215	0.047090	mg/L	0.002036	4.3	1059.07	0.047090 mg/L	Y 371.029
As 188.980	0.007382	mg/L	0.000858	11.6	4.05353	0.007382 mg/L	Y 371.029
As 193.696	0.000540uv	mg/L	0.004450	823.9	2.33167	0.000540 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001841	148.6	5.89077	uncal mg/L	Y 371.029
B 182.577	0.030032	mg/L	0.001815	6.0	14.0768	0.030032 mg/L	Y 371.029
B 249.678	0.009657	mg/L	0.000314	3.2	106.304	0.009657 mg/L	Y 371.029
B 249.772	0.010928	mg/L	0.000463	4.2	605.762	0.010928 mg/L	Y 371.029
Ba 233.527	0.054173	mg/L	0.000227	0.4	1685.16	0.054173 mg/L	Y 371.029
Ba 455.403	0.053344	mg/L	0.000457	0.9	56092.7	0.053344 mg/L	Y 371.029
Ba 493.408	0.053356	mg/L	0.000504	0.9	36077.9	0.053356 mg/L	Y 371.029
Be 234.861	0.000364uv	mg/L	0.001258	345.3	-102.917	0.000364 mg/L	Y 371.029
Be 313.042	-0.000084uv	mg/L	0.000006	7.1	666.359	-0.000084 mg/L	Y 371.029
Be 313.107	0.000042	mg/L	0.000006	15.1	8.44117	0.000042 mg/L	Y 371.029
Ca 393.366	10.2658n	mg/L	0.068004	0.7	11388496	10.2658 mg/L	Y 371.029
Ca 396.847	10.1217	mg/L	0.072434	0.7	21039910	10.1217 mg/L	Y 371.029
Ca 430.253	11.5292	mg/L	0.078473	0.7	39862.8	11.5292 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	-0.000144	mg/L	0.000129	89.2	4.55480	-0.000144 mg/L	Y 371.029
Cd 226.502	0.002180	mg/L	0.000200	9.2	100.629	0.002180 mg/L	Y 371.029
Cd 228.802	0.000079uv	mg/L	0.000275	350.2	7.65034	0.000079 mg/L	Y 371.029
Co 228.615	-0.014666uv	mg/L	0.000132	0.9	1.28285	-0.014666 mg/L	Y 371.029
Co 230.786	-0.014609	mg/L	0.000374	2.6	13.2503	-0.014609 mg/L	Y 371.029
Co 238.892	-0.011820uv	mg/L	0.006360	53.8	-196.800	-0.011820 mg/L	Y 371.029
Cr 205.560	-0.005493uv	mg/L	0.000159	2.9	2.67384	-0.005493 mg/L	Y 371.029
Cr 206.158	-0.005847uv	mg/L	0.000297	5.1	1.35274	-0.005847 mg/L	Y 371.029
Cr 267.716	-0.005093	mg/L	0.000110	2.2	18.7903	-0.005093 mg/L	Y 371.029
Cu 213.598	0.010274	mg/L	0.000840	8.2	56.6580	0.010274 mg/L	Y 371.029
Cu 324.754	-0.006770uv	mg/L	0.000136	2.0	406.265	-0.006770 mg/L	Y 371.029
Cu 327.395	-0.008126uv	mg/L	0.000154	1.9	16.7252	-0.008126 mg/L	Y 371.029
Fe 234.350	47.3890	mg/L	0.625543	1.3	296635	47.3890 mg/L	Y 371.029
Fe 238.204	35.8770	mg/L	0.359916	1.0	600309	35.8770 mg/L	Y 371.029
Fe 259.940	41.3689	mg/L	0.021225	0.1	547609	41.3689 mg/L	Y 371.029
Ga 287.423	0.052439	mg/L	0.002949	5.6	591.626	0.052439 mg/L	Y 371.029
Ga 294.363	0.000251	mg/L	0.000569	226.6	30.2240	0.000251 mg/L	Y 371.029
Ga 417.204	0.000382	mg/L	0.000246	64.4	132.668	0.000382 mg/L	Y 371.029
K 766.491	0.824935	mg/L	0.007127	0.9	45372.2	0.824935 mg/L	Y 371.029
K 769.897	0.793377	mg/L	0.006115	0.8	40075.9	0.793377 mg/L	Y 371.029
Li 610.365	0.009733	mg/L	0.000228	2.3	136.497	0.009733 mg/L	Y 371.029
Li 670.783	0.004553	mg/L	0.000042	0.9	48210.4	0.004553 mg/L	Y 371.029
Mg 279.078	7.42357	mg/L	0.021128	0.3	7406.23	7.42357 mg/L	Y 371.029
Mg 280.270	7.60608	mg/L	0.127056	1.7	530869	7.60608 mg/L	Y 371.029
Mg 285.213	7.82456	mg/L	0.156686	2.0	208447	7.82456 mg/L	Y 371.029
Mn 257.610	1.16001	mg/L	0.013430	1.2	125614	1.16001 mg/L	Y 371.029
Mn 259.372	1.16221	mg/L	0.013793	1.2	99951.3	1.16221 mg/L	Y 371.029
Mn 260.568	1.17299	mg/L	0.002641	0.2	16827.6	1.17299 mg/L	Y 371.029
Mo 202.032	-0.006581	mg/L	0.001008	15.3	6.68442	-0.006581 mg/L	Y 371.029
Mo 203.846	-0.008176	mg/L	0.001540	18.8	4.65230	-0.008176 mg/L	Y 371.029
Mo 204.598	-0.007530	mg/L	0.000704	9.3	5.95641	-0.007530 mg/L	Y 371.029
Na 568.821	21.7441	mg/L	0.184158	0.8	5421.18	21.7441 mg/L	Y 371.029
Na 588.995	22.7662	mg/L	0.154515	0.7	8820026	22.7662 mg/L	Y 371.029
Na 589.592	23.7808	mg/L	0.178688	0.8	4853131	23.7808 mg/L	Y 371.029
Ni 216.555	-0.024075	mg/L	0.000908	3.8	20.2239	-0.024075 mg/L	Y 371.029
Ni 221.648	-0.023829	mg/L	0.001476	6.2	7.31545	-0.023829 mg/L	Y 371.029
Ni 231.604	-0.027693	mg/L	0.000343	1.2	3.74146	-0.027693 mg/L	Y 371.029
P 177.434	0.112430	mg/L	0.010433	9.3	13.7322	0.112430 mg/L	Y 371.029
P 213.618	0.102766	mg/L	0.005043	4.9	40.4831	0.102766 mg/L	Y 371.029
P 214.914	0.138185	mg/L	0.011820	8.6	17.5975	0.138185 mg/L	Y 371.029
Pb 220.353	0.000048uv	mg/L	0.002697	5637.0	3.03202	0.000048 mg/L	Y 371.029
Pb 261.417	0.005455	mg/L	0.004318	79.2	2.47639	0.005455 mg/L	Y 371.029
Pb 405.781	-0.013788uv	mg/L	0.007005	50.8	34.0871	-0.013788 mg/L	Y 371.029
Sb 206.834	-0.003198	mg/L	0.001969	61.6	4.79728	-0.003198 mg/L	Y 371.029
Sb 231.146	0.011091	mg/L	0.003676	33.1	7.48214	0.011091 mg/L	Y 371.029
Sb 259.804	-0.089018uv	mg/L	0.047493	53.4	12.9607	-0.089018 mg/L	Y 371.029
Se 196.026	0.002371uv	mg/L	0.002148	90.6	2.19300	0.002371 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.014368	89.9	1.54567	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.275251	1.5	18040.7	uncal mg/L	Y 371.029
Si 251.611	18.9178	mg/L	0.298927	1.6	20039.2	18.9178 mg/L	Y 371.029
Si 288.158	17.4707	mg/L	0.247722	1.4	101168	17.4707 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.001377uv	mg/L	0.004724	343.0	2.13720	-0.001377 mg/L	Y 371.029
Sn 283.998	-0.002979	mg/L	0.001487	49.9	4.82946	-0.002979 mg/L	Y 371.029
Sr 216.596	0.074429	mg/L	0.000426	0.6	399.294	0.074429 mg/L	Y 371.029
Sr 407.771	0.071369	mg/L	0.001056	1.5	198344	0.071369 mg/L	Y 371.029
Sr 421.552	0.072962	mg/L	0.000528	0.7	131559	0.072962 mg/L	Y 371.029
Ti 334.941	-0.000993	mg/L	0.000103	10.4	198.983	-0.000993 mg/L	Y 371.029
Ti 336.122	-0.001304	mg/L	0.000086	6.6	44.7633	-0.001304 mg/L	Y 371.029
Ti 337.280	-0.000744	mg/L	0.000093	12.5	31.0279	-0.000744 mg/L	Y 371.029
Tl 190.794	-0.000738uv	mg/L	0.003891	527.3	1.62322	-0.000738 mg/L	Y 371.029
Tl 190.807	-0.003604uv	mg/L	0.003508	97.3	0.541080	-0.003604 mg/L	Y 371.029
Tl 351.923	0.001321uv	mg/L	0.001638	124.0	4.95089	0.001321 mg/L	Y 371.029
V 268.796	-0.005014	mg/L	0.000276	5.5	22.5250	-0.005014 mg/L	Y 371.029
V 292.401	-0.004064	mg/L	0.000106	2.6	56.4451	-0.004064 mg/L	Y 371.029
V 311.837	-0.004190	mg/L	0.000051	1.2	5.48843	-0.004190 mg/L	Y 371.029
Zn 202.548	0.004802	mg/L	0.000397	8.3	299.316	0.004802 mg/L	Y 371.029
Zn 206.200	0.004448	mg/L	0.000969	21.8	100.230	0.004448 mg/L	Y 371.029
Zn 213.857	0.004389	mg/L	0.000557	12.7	894.997	0.004389 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.863998	6928.21	46.970	0.7
Y 371.029	1.01722	167747	898.375	0.5

SEQ-CCV5 (Samp) **3/29/2011, 4:43:37 PM** **Rack 1, Tube 56**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.097878	mg/L	0.000614	0.6	4419.79	0.097878 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000571	0.6	256.749	uncal mg/L	Y 371.029
Al 237.312	2.45716	mg/L	0.008432	0.3	2924.27	2.45716 mg/L	Y 371.029
Al 257.509	2.44055	mg/L	0.006394	0.3	1286.71	2.44055 mg/L	Y 371.029
Al 308.215	2.48140	mg/L	0.002548	0.1	13603.0	2.48140 mg/L	Y 371.029
As 188.980	0.502524	mg/L	0.005356	1.1	107.127	0.502524 mg/L	Y 371.029
As 193.696	0.494576	mg/L	0.003836	0.8	130.823	0.494576 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003177	0.4	689.957	uncal mg/L	Y 371.029
B 182.577	0.478944	mg/L	0.005493	1.1	169.272	0.478944 mg/L	Y 371.029
B 249.678	0.486998	mg/L	0.004863	1.0	3638.91	0.486998 mg/L	Y 371.029
B 249.772	0.482361	mg/L	0.004764	1.0	6889.11	0.482361 mg/L	Y 371.029
Ba 233.527	0.506670	mg/L	0.004458	0.9	14514.7	0.506670 mg/L	Y 371.029
Ba 455.403	0.485125	mg/L	0.000961	0.2	472040	0.485125 mg/L	Y 371.029
Ba 493.408	0.502239	mg/L	0.000790	0.2	312484	0.502239 mg/L	Y 371.029
Be 234.861	0.518118	mg/L	0.001174	0.2	42788.3	0.518118 mg/L	Y 371.029
Be 313.042	0.505819	mg/L	0.003135	0.6	635964	0.505819 mg/L	Y 371.029
Be 313.107	0.507434	mg/L	0.002407	0.5	314652	0.507434 mg/L	Y 371.029
Ca 393.366	4.85629n	mg/L	0.003819	0.1	5395770	4.85629 mg/L	Y 371.029
Ca 396.847	4.50347	mg/L	0.002522	0.1	9377445	4.50347 mg/L	Y 371.029
Ca 430.253	4.79431	mg/L	0.043176	0.9	16762.2	4.79431 mg/L	Y 371.029
Cd 214.439	0.262543	mg/L	0.000497	0.2	2417.74	0.262543 mg/L	Y 371.029
Cd 226.502	0.259766	mg/L	0.000450	0.2	5398.54	0.259766 mg/L	Y 371.029
Cd 228.802	0.253507	mg/L	0.000651	0.3	2567.89	0.253507 mg/L	Y 371.029
Co 228.615	0.510741	mg/L	0.001415	0.3	2932.52	0.510741 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.511058	mg/L	0.000631	0.1	2097.26	0.511058 mg/L	Y 371.029
Co 238.892	0.511345	mg/L	0.002064	0.4	2047.27	0.511345 mg/L	Y 371.029
Cr 205.560	0.510595	mg/L	0.000437	0.1	1419.04	0.510595 mg/L	Y 371.029
Cr 206.158	0.507764	mg/L	0.003763	0.7	587.228	0.507764 mg/L	Y 371.029
Cr 267.716	0.507965	mg/L	0.001708	0.3	7857.67	0.507965 mg/L	Y 371.029
Cu 213.598	0.519646	mg/L	0.000822	0.2	1031.75	0.519646 mg/L	Y 371.029
Cu 324.754	0.489058	mg/L	0.001859	0.4	15802.7	0.489058 mg/L	Y 371.029
Cu 327.395	0.486295	mg/L	0.001976	0.4	20674.9	0.486295 mg/L	Y 371.029
Fe 234.350	0.496658	mg/L	0.002348	0.5	3258.79	0.496658 mg/L	Y 371.029
Fe 238.204	0.382954	mg/L	0.001622	0.4	6671.58	0.382954 mg/L	Y 371.029
Fe 259.940	0.438065	mg/L	0.003310	0.8	6008.77	0.438065 mg/L	Y 371.029
Ga 287.423	0.505502	mg/L	0.000872	0.2	942.173	0.505502 mg/L	Y 371.029
Ga 294.363	0.494292	mg/L	0.000395	0.1	2563.56	0.494292 mg/L	Y 371.029
Ga 417.204	0.491279	mg/L	0.001730	0.4	4038.76	0.491279 mg/L	Y 371.029
K 766.491	4.94423	mg/L	0.004563	0.1	263935	4.94423 mg/L	Y 371.029
K 769.897	4.84553	mg/L	0.005218	0.1	219515	4.84553 mg/L	Y 371.029
Li 610.365	1.02173	mg/L	0.001077	0.1	33441.3	1.02173 mg/L	Y 371.029
Li 670.783	1.02557	mg/L	0.002020	0.2	2277460	1.02557 mg/L	Y 371.029
Mg 279.078	5.07475	mg/L	0.006635	0.1	5059.72	5.07475 mg/L	Y 371.029
Mg 280.270	5.26672	mg/L	0.030983	0.6	367679	5.26672 mg/L	Y 371.029
Mg 285.213	5.27902	mg/L	0.047114	0.9	140665	5.27902 mg/L	Y 371.029
Mn 257.610	0.499443	mg/L	0.004163	0.8	54620.1	0.499443 mg/L	Y 371.029
Mn 259.372	0.501861	mg/L	0.004499	0.9	41759.2	0.501861 mg/L	Y 371.029
Mn 260.568	0.508850	mg/L	0.001516	0.3	7312.39	0.508850 mg/L	Y 371.029
Mo 202.032	1.06398	mg/L	0.012793	1.2	2847.21	1.06398 mg/L	Y 371.029
Mo 203.846	1.06248	mg/L	0.016198	1.5	1201.66	1.06248 mg/L	Y 371.029
Mo 204.598	1.08040	mg/L	0.010641	1.0	1398.51	1.08040 mg/L	Y 371.029
Na 568.821	4.69862	mg/L	0.041045	0.9	1039.18	4.69862 mg/L	Y 371.029
Na 588.995	5.49158	mg/L	0.008685	0.2	2282962	5.49158 mg/L	Y 371.029
Na 589.592	5.03386	mg/L	0.008670	0.2	1138126	5.03386 mg/L	Y 371.029
Ni 216.555	1.02570	mg/L	0.001643	0.2	3014.53	1.02570 mg/L	Y 371.029
Ni 221.648	1.02577	mg/L	0.001124	0.1	1222.87	1.02577 mg/L	Y 371.029
Ni 231.604	1.02858	mg/L	0.004335	0.4	2176.79	1.02858 mg/L	Y 371.029
P 177.434	0.501860	mg/L	0.008154	1.6	51.6231	0.501860 mg/L	Y 371.029
P 213.618	0.512259	mg/L	0.006163	1.2	186.540	0.512259 mg/L	Y 371.029
P 214.914	0.518009	mg/L	0.039959	7.7	54.6782	0.518009 mg/L	Y 371.029
Pb 220.353	1.01085	mg/L	0.002321	0.2	663.721	1.01085 mg/L	Y 371.029
Pb 261.417	0.989087	mg/L	0.005234	0.5	409.412	0.989087 mg/L	Y 371.029
Pb 405.781	1.00232	mg/L	0.006976	0.7	1192.65	1.00232 mg/L	Y 371.029
Sb 206.834	0.933794	mg/L	0.005794	0.6	436.992	0.933794 mg/L	Y 371.029
Sb 231.146	0.943112	mg/L	0.008391	0.9	367.315	0.943112 mg/L	Y 371.029
Sb 259.804	1.00529	mg/L	0.010547	1.0	288.604	1.00529 mg/L	Y 371.029
Se 196.026	1.01770	mg/L	0.015611	1.5	180.756	1.01770 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.008151	0.8	104.567	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.008630	0.8	1100.50	uncal mg/L	Y 371.029
Si 251.611	1.07344	mg/L	0.004158	0.4	1222.51	1.07344 mg/L	Y 371.029
Si 288.158	1.00806	mg/L	0.006007	0.6	6772.96	1.00806 mg/L	Y 371.029
Sn 189.927	1.03429	mg/L	0.005309	0.5	185.523	1.03429 mg/L	Y 371.029
Sn 283.998	0.961480	mg/L	0.003988	0.4	1441.46	0.961480 mg/L	Y 371.029
Sr 216.596	0.511798	mg/L	0.000486	0.1	2450.38	0.511798 mg/L	Y 371.029
Sr 407.771	0.476970	mg/L	0.001598	0.3	1290244	0.476970 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.487277	mg/L	0.001363	0.3	855477	0.487277 mg/L	Y 371.029
Ti 334.941	0.489829	mg/L	0.000864	0.2	98381.0	0.489829 mg/L	Y 371.029
Ti 336.122	0.500190	mg/L	0.002328	0.5	42225.6	0.500190 mg/L	Y 371.029
Ti 337.280	0.499097	mg/L	0.003207	0.6	14309.1	0.499097 mg/L	Y 371.029
Tl 190.794	0.513589	mg/L	0.001936	0.4	122.957	0.513589 mg/L	Y 371.029
Tl 190.807	0.507102	mg/L	0.000632	0.1	62.5392	0.507102 mg/L	Y 371.029
Tl 351.923	0.501212	mg/L	0.004664	0.9	716.209	0.501212 mg/L	Y 371.029
V 268.796	0.505712	mg/L	0.001125	0.2	4260.34	0.505712 mg/L	Y 371.029
V 292.401	0.499543	mg/L	0.000986	0.2	12190.6	0.499543 mg/L	Y 371.029
V 311.837	0.503235	mg/L	0.000427	0.1	17788.4	0.503235 mg/L	Y 371.029
Zn 202.548	0.531934	mg/L	0.000337	0.1	2255.45	0.531934 mg/L	Y 371.029
Zn 206.200	0.527786	mg/L	0.001950	0.4	748.601	0.527786 mg/L	Y 371.029
Zn 213.857	0.508148	mg/L	0.001160	0.2	6342.85	0.508148 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.856452	6867.70	19.752	0.3
Y 371.029	1.00445	165641	243.715	0.1

SEQ-CCB5 (Samp) **3/29/2011, 4:47:40 PM** **Rack 1, Tube 57**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000709	mg/L	0.000029	4.0	125.776	0.000709 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000365	60.6	-0.005593	uncal mg/L	Y 371.029
Al 237.312	-0.002761uv	mg/L	0.002006	72.7	39.1237	-0.002761 mg/L	Y 371.029
Al 257.509	0.006781	mg/L	0.002491	36.7	18.0259	0.006781 mg/L	Y 371.029
Al 308.215	-0.003360uv	mg/L	0.000918	27.3	876.995	-0.003360 mg/L	Y 371.029
As 188.980	-0.001795uv	mg/L	0.001491	83.0	2.36206	-0.001795 mg/L	Y 371.029
As 193.696	0.001355uv	mg/L	0.005103	376.7	2.48387	0.001355 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001526	308.9	7.75325	uncal mg/L	Y 371.029
B 182.577	0.004214	mg/L	0.001752	41.6	4.74258	0.004214 mg/L	Y 371.029
B 249.678	0.007414	mg/L	0.001494	20.1	74.6189	0.007414 mg/L	Y 371.029
B 249.772	0.007108	mg/L	0.001432	20.2	136.240	0.007108 mg/L	Y 371.029
Ba 233.527	0.000155	mg/L	0.000050	32.3	136.199	0.000155 mg/L	Y 371.029
Ba 455.403	-0.000140uv	mg/L	0.000008	5.8	4428.44	-0.000140 mg/L	Y 371.029
Ba 493.408	-0.000106uv	mg/L	0.000020	19.1	2890.79	-0.000106 mg/L	Y 371.029
Be 234.861	-0.000000uv	mg/L	0.000007	16790.0	-1.27721	-0.000000 mg/L	Y 371.029
Be 313.042	-0.000090uv	mg/L	0.000006	6.3	666.779	-0.000090 mg/L	Y 371.029
Be 313.107	0.000034	mg/L	0.000003	9.6	1.04524	0.000034 mg/L	Y 371.029
Ca 393.366	0.000688n	mg/L	0.000024	3.4	16676.7	0.000688 mg/L	Y 371.029
Ca 396.847	0.000349	mg/L	0.000082	23.4	27677.7	0.000349 mg/L	Y 371.029
Ca 430.253	0.007757	mg/L	0.001357	17.5	399.475	0.007757 mg/L	Y 371.029
Cd 214.439	-0.000122uv	mg/L	0.000049	40.0	2.54832	-0.000122 mg/L	Y 371.029
Cd 226.502	-0.000043uv	mg/L	0.000112	261.8	9.37683	-0.000043 mg/L	Y 371.029
Cd 228.802	-0.000064uv	mg/L	0.000086	134.0	8.96545	-0.000064 mg/L	Y 371.029
Co 228.615	0.000025uv	mg/L	0.000143	572.0	2.14420	0.000025 mg/L	Y 371.029
Co 230.786	-0.000272uv	mg/L	0.000059	21.7	1.98340	-0.000272 mg/L	Y 371.029
Co 238.892	0.000071uv	mg/L	0.000694	978.4	2.96086	0.000071 mg/L	Y 371.029
Cr 205.560	0.000084uv	mg/L	0.000345	408.7	2.92419	0.000084 mg/L	Y 371.029
Cr 206.158	0.001069	mg/L	0.000580	54.2	2.68795	0.001069 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.000200	mg/L	0.000098	49.2	16.2876	0.000200 mg/L	Y 371.029
Cu 213.598	0.000191uv	mg/L	0.000310	162.3	0.603299	0.000191 mg/L	Y 371.029
Cu 324.754	-0.001139uv	mg/L	0.000168	14.8	439.456	-0.001139 mg/L	Y 371.029
Cu 327.395	0.000074uv	mg/L	0.000245	332.3	18.8459	0.000074 mg/L	Y 371.029
Fe 234.350	0.002788	mg/L	0.000917	32.9	35.1036	0.002788 mg/L	Y 371.029
Fe 238.204	0.001655	mg/L	0.000753	45.5	51.5644	0.001655 mg/L	Y 371.029
Fe 259.940	0.001235	mg/L	0.000792	64.1	55.6159	0.001235 mg/L	Y 371.029
Ga 287.423	-0.000398uv	mg/L	0.000845	212.2	5.32245	-0.000398 mg/L	Y 371.029
Ga 294.363	0.000738	mg/L	0.000528	71.5	10.1077	0.000738 mg/L	Y 371.029
Ga 417.204	-0.000145uv	mg/L	0.000137	94.8	47.7379	-0.000145 mg/L	Y 371.029
K 766.491	-0.000658uv	mg/L	0.000195	29.6	1352.80	-0.000658 mg/L	Y 371.029
K 769.897	0.003159	mg/L	0.000612	19.4	4744.58	0.003159 mg/L	Y 371.029
Li 610.365	0.007591	mg/L	0.000239	3.2	65.9880	0.007591 mg/L	Y 371.029
Li 670.783	0.000167	mg/L	0.000014	8.6	37174.1	0.000167 mg/L	Y 371.029
Mg 279.078	0.001343	mg/L	0.002136	159.0	8.00584	0.001343 mg/L	Y 371.029
Mg 280.270	-0.000280uv	mg/L	0.000042	15.1	233.622	-0.000280 mg/L	Y 371.029
Mg 285.213	-0.000648uv	mg/L	0.000047	7.3	79.2436	-0.000648 mg/L	Y 371.029
Mn 257.610	0.000010uv	mg/L	0.000032	333.6	6.74402	0.000010 mg/L	Y 371.029
Mn 259.372	0.000019	mg/L	0.000032	165.1	21.7406	0.000019 mg/L	Y 371.029
Mn 260.568	0.000088	mg/L	0.000044	49.7	4.03473	0.000088 mg/L	Y 371.029
Mo 202.032	0.018767	mg/L	0.002141	11.4	52.7515	0.018767 mg/L	Y 371.029
Mo 203.846	0.018729	mg/L	0.002241	12.0	23.3369	0.018729 mg/L	Y 371.029
Mo 204.598	0.018032	mg/L	0.002018	11.2	25.2986	0.018032 mg/L	Y 371.029
Na 568.821	0.894867	mg/L	0.013272	1.5	49.3311	0.894867 mg/L	Y 371.029
Na 588.995	-0.266506uv	mg/L	0.000271	0.1	102268	-0.266506 mg/L	Y 371.029
Na 589.592	-0.455436uv	mg/L	0.000234	0.1	49269.4	-0.455436 mg/L	Y 371.029
Ni 216.555	-0.000294uv	mg/L	0.000318	108.3	1.08050	-0.000294 mg/L	Y 371.029
Ni 221.648	0.000008uv	mg/L	0.000551	7029.5	1.62164	0.000008 mg/L	Y 371.029
Ni 231.604	-0.000057uv	mg/L	0.000409	713.6	2.77772	-0.000057 mg/L	Y 371.029
P 177.434	-0.000197uv	mg/L	0.007171	3647.7	2.06920	-0.000197 mg/L	Y 371.029
P 213.618	0.001007uv	mg/L	0.002079	206.5	1.86723	0.001007 mg/L	Y 371.029
P 214.914	-0.002329uv	mg/L	0.005734	246.2	1.34388	-0.002329 mg/L	Y 371.029
Pb 220.353	0.000518uv	mg/L	0.001168	225.5	3.11422	0.000518 mg/L	Y 371.029
Pb 261.417	0.005400	mg/L	0.004568	84.6	2.29470	0.005400 mg/L	Y 371.029
Pb 405.781	0.025637	mg/L	0.003978	15.5	68.0493	0.025637 mg/L	Y 371.029
Sb 206.834	0.019375	mg/L	0.005384	27.8	12.7589	0.019375 mg/L	Y 371.029
Sb 231.146	0.018446	mg/L	0.003211	17.4	10.1293	0.018446 mg/L	Y 371.029
Sb 259.804	0.024466	mg/L	0.004491	18.4	9.92967	0.024466 mg/L	Y 371.029
Se 196.026	0.015924	mg/L	0.003993	25.1	4.93458	0.015924 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.008001	46.3	2.33216	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.001312	21.7	99.6213	uncal mg/L	Y 371.029
Si 251.611	0.031265	mg/L	0.001713	5.5	108.491	0.031265 mg/L	Y 371.029
Si 288.158	0.030548	mg/L	0.001366	4.5	1165.14	0.030548 mg/L	Y 371.029
Sn 189.927	0.002816uv	mg/L	0.004570	162.3	2.66772	0.002816 mg/L	Y 371.029
Sn 283.998	0.003579	mg/L	0.002196	61.4	7.09854	0.003579 mg/L	Y 371.029
Sr 216.596	0.000287	mg/L	0.000149	52.0	10.4348	0.000287 mg/L	Y 371.029
Sr 407.771	-0.000049uv	mg/L	0.000006	13.3	5481.63	-0.000049 mg/L	Y 371.029
Sr 421.552	-0.000039uv	mg/L	0.000005	13.1	3536.76	-0.000039 mg/L	Y 371.029
Ti 334.941	0.000868	mg/L	0.000256	29.5	223.077	0.000868 mg/L	Y 371.029
Ti 336.122	0.000776	mg/L	0.000234	30.1	82.1869	0.000776 mg/L	Y 371.029
Ti 337.280	0.001247	mg/L	0.000307	24.6	38.1394	0.001247 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.003294	mg/L	0.003903	118.5	2.08804	0.003294 mg/L	Y 371.029
Tl 190.807	-0.005368uv	mg/L	0.004756	88.6	0.460093	-0.005368 mg/L	Y 371.029
Tl 351.923	0.001208	mg/L	0.000999	82.7	6.76230	0.001208 mg/L	Y 371.029
V 268.796	0.000660	mg/L	0.000267	40.4	34.2405	0.000660 mg/L	Y 371.029
V 292.401	-0.000135uv	mg/L	0.000026	19.5	11.5195	-0.000135 mg/L	Y 371.029
V 311.837	0.000559	mg/L	0.000051	9.2	3.80877	0.000559 mg/L	Y 371.029
Zn 202.548	0.002875	mg/L	0.000493	17.1	274.734	0.002875 mg/L	Y 371.029
Zn 206.200	0.002845	mg/L	0.000586	20.6	92.8645	0.002845 mg/L	Y 371.029
Zn 213.857	0.000071uv	mg/L	0.000220	308.5	771.384	0.000071 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.854826	6854.66	17.622	0.3
Y 371.029	1.01357	167145	629.674	0.4

1113232-DUP1 (Samp) **3/29/2011, 4:50:40 PM** **Rack 1, Tube 58**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000100	mg/L	0.000312	313.6	130.109	0.000100 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000835	44.6	3.61755	uncal mg/L	Y 371.029
Al 237.312	0.029827	mg/L	0.001257	4.2	62.5074	0.029827 mg/L	Y 371.029
Al 257.509	0.025459	mg/L	0.003088	12.1	28.2634	0.025459 mg/L	Y 371.029
Al 308.215	0.041383	mg/L	0.001551	3.7	1033.98	0.041383 mg/L	Y 371.029
As 188.980	0.008012uv	mg/L	0.007034	87.8	4.19899	0.008012 mg/L	Y 371.029
As 193.696	0.000100uv	mg/L	0.002829	2833.5	2.21711	0.000100 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001175	69.1	6.34716	uncal mg/L	Y 371.029
B 182.577	0.030172	mg/L	0.001041	3.4	14.1047	0.030172 mg/L	Y 371.029
B 249.678	0.009583	mg/L	0.000230	2.4	104.999	0.009583 mg/L	Y 371.029
B 249.772	0.009515	mg/L	0.000478	5.0	566.231	0.009515 mg/L	Y 371.029
Ba 233.527	0.051208	mg/L	0.000176	0.3	1600.20	0.051208 mg/L	Y 371.029
Ba 455.403	0.050416	mg/L	0.000025	0.1	53264.3	0.050416 mg/L	Y 371.029
Ba 493.408	0.050421	mg/L	0.000080	0.2	34257.1	0.050421 mg/L	Y 371.029
Be 234.861	0.000557uv	mg/L	0.001096	197.0	-80.8651	0.000557 mg/L	Y 371.029
Be 313.042	-0.000069uv	mg/L	0.000009	13.0	685.221	-0.000069 mg/L	Y 371.029
Be 313.107	0.000044	mg/L	0.000005	10.9	9.13692	0.000044 mg/L	Y 371.029
Ca 393.366	9.80455n	mg/L	0.019957	0.2	10877428	9.80455 mg/L	Y 371.029
Ca 396.847	9.61409	mg/L	0.015349	0.2	19986088	9.61409 mg/L	Y 371.029
Ca 430.253	10.8914	mg/L	0.021509	0.2	37678.9	10.8914 mg/L	Y 371.029
Cd 214.439	-0.000075	mg/L	0.000119	159.0	5.09013	-0.000075 mg/L	Y 371.029
Cd 226.502	0.002017	mg/L	0.000071	3.5	95.1245	0.002017 mg/L	Y 371.029
Cd 228.802	0.000148uv	mg/L	0.000015	9.9	8.48377	0.000148 mg/L	Y 371.029
Co 228.615	-0.014006uv	mg/L	0.000100	0.7	1.17135	-0.014006 mg/L	Y 371.029
Co 230.786	-0.013585	mg/L	0.000372	2.7	14.1742	-0.013585 mg/L	Y 371.029
Co 238.892	-0.009916uv	mg/L	0.006959	70.2	-182.091	-0.009916 mg/L	Y 371.029
Cr 205.560	-0.004589	mg/L	0.000084	1.8	4.45979	-0.004589 mg/L	Y 371.029
Cr 206.158	-0.004757	mg/L	0.000684	14.4	2.29431	-0.004757 mg/L	Y 371.029
Cr 267.716	-0.004460	mg/L	0.000131	2.9	24.5568	-0.004460 mg/L	Y 371.029
Cu 213.598	0.009708	mg/L	0.000730	7.5	53.8515	0.009708 mg/L	Y 371.029
Cu 324.754	-0.006708uv	mg/L	0.000194	2.9	401.837	-0.006708 mg/L	Y 371.029
Cu 327.395	-0.007744uv	mg/L	0.000194	2.5	16.6063	-0.007744 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	45.1724	mg/L	0.096377	0.2	282760	45.1724 mg/L	Y 371.029
Fe 238.204	33.4668	mg/L	0.709290	2.1	559983	33.4668 mg/L	Y 371.029
Fe 259.940	39.8709	mg/L	0.121530	0.3	527781	39.8709 mg/L	Y 371.029
Ga 287.423	0.047616	mg/L	0.001065	2.2	559.912	0.047616 mg/L	Y 371.029
Ga 294.363	0.000344	mg/L	0.000278	80.9	29.6393	0.000344 mg/L	Y 371.029
Ga 417.204	-0.001179	mg/L	0.000240	20.3	116.884	-0.001179 mg/L	Y 371.029
K 766.491	0.779842	mg/L	0.002312	0.3	42968.0	0.779842 mg/L	Y 371.029
K 769.897	0.745800	mg/L	0.001290	0.2	37949.7	0.745800 mg/L	Y 371.029
Li 610.365	0.009343	mg/L	0.000312	3.3	123.668	0.009343 mg/L	Y 371.029
Li 670.783	0.004314	mg/L	0.000020	0.5	47610.1	0.004314 mg/L	Y 371.029
Mg 279.078	7.00452	mg/L	0.016379	0.2	6988.61	7.00452 mg/L	Y 371.029
Mg 280.270	7.28106	mg/L	0.005869	0.1	508194	7.28106 mg/L	Y 371.029
Mg 285.213	7.40439	mg/L	0.036439	0.5	197258	7.40439 mg/L	Y 371.029
Mn 257.610	1.09394	mg/L	0.004550	0.4	118461	1.09394 mg/L	Y 371.029
Mn 259.372	1.09382	mg/L	0.003231	0.3	94125.2	1.09382 mg/L	Y 371.029
Mn 260.568	1.10494	mg/L	0.005491	0.5	15851.9	1.10494 mg/L	Y 371.029
Mo 202.032	-0.001898	mg/L	0.001368	72.1	17.7487	-0.001898 mg/L	Y 371.029
Mo 203.846	-0.003353	mg/L	0.000840	25.1	9.35596	-0.003353 mg/L	Y 371.029
Mo 204.598	-0.004044	mg/L	0.001326	32.8	9.59993	-0.004044 mg/L	Y 371.029
Na 568.821	20.4841	mg/L	0.071893	0.4	5096.65	20.4841 mg/L	Y 371.029
Na 588.995	21.6445	mg/L	0.009955	0.0	8395483	21.6445 mg/L	Y 371.029
Na 589.592	22.5367	mg/L	0.021469	0.1	4606550	22.5367 mg/L	Y 371.029
Ni 216.555	-0.022792	mg/L	0.000328	1.4	19.8171	-0.022792 mg/L	Y 371.029
Ni 221.648	-0.023971	mg/L	0.001718	7.2	5.55178	-0.023971 mg/L	Y 371.029
Ni 231.604	-0.026439	mg/L	0.000152	0.6	3.61024	-0.026439 mg/L	Y 371.029
P 177.434	0.099054	mg/L	0.004159	4.2	12.3889	0.099054 mg/L	Y 371.029
P 213.618	0.100809	mg/L	0.003049	3.0	39.6604	0.100809 mg/L	Y 371.029
P 214.914	0.128256	mg/L	0.002138	1.7	16.5068	0.128256 mg/L	Y 371.029
Pb 220.353	0.001787	mg/L	0.001096	61.3	4.15697	0.001787 mg/L	Y 371.029
Pb 261.417	0.003603	mg/L	0.003085	85.6	1.66823	0.003603 mg/L	Y 371.029
Pb 405.781	-0.000812	mg/L	0.003575	440.4	48.3148	-0.000812 mg/L	Y 371.029
Sb 206.834	-0.000432	mg/L	0.001321	306.0	5.94693	-0.000432 mg/L	Y 371.029
Sb 231.146	0.007964	mg/L	0.001547	19.4	6.27606	0.007964 mg/L	Y 371.029
Sb 259.804	-0.085788	mg/L	0.017130	20.0	12.2357	-0.085788 mg/L	Y 371.029
Se 196.026	0.000049uv	mg/L	0.002422	4956.6	1.80170	0.000049 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.006592	52.7	1.23175	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.116117	0.7	16817.8	uncal mg/L	Y 371.029
Si 251.611	17.6311	mg/L	0.094400	0.5	18681.6	17.6311 mg/L	Y 371.029
Si 288.158	16.4431	mg/L	0.089739	0.5	95276.0	16.4431 mg/L	Y 371.029
Sn 189.927	-0.000347uv	mg/L	0.002713	782.8	2.30963	-0.000347 mg/L	Y 371.029
Sn 283.998	-0.003433	mg/L	0.001052	30.6	4.47084	-0.003433 mg/L	Y 371.029
Sr 216.596	0.070491	mg/L	0.000127	0.2	378.855	0.070491 mg/L	Y 371.029
Sr 407.771	0.067933	mg/L	0.000321	0.5	189060	0.067933 mg/L	Y 371.029
Sr 421.552	0.068606	mg/L	0.000398	0.6	123921	0.068606 mg/L	Y 371.029
Ti 334.941	-0.000923	mg/L	0.000078	8.4	196.618	-0.000923 mg/L	Y 371.029
Ti 336.122	-0.001082	mg/L	0.000133	12.3	56.9808	-0.001082 mg/L	Y 371.029
Ti 337.280	-0.000696	mg/L	0.000132	19.0	30.0113	-0.000696 mg/L	Y 371.029
Tl 190.794	-0.000022	mg/L	0.001641	7329.6	1.76635	-0.000022 mg/L	Y 371.029
Tl 190.807	-0.004271uv	mg/L	0.001481	34.7	0.471721	-0.004271 mg/L	Y 371.029
Tl 351.923	0.002906uv	mg/L	0.003785	130.2	7.30291	0.002906 mg/L	Y 371.029
V 268.796	-0.004555	mg/L	0.000082	1.8	26.5650	-0.004555 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	-0.003966	mg/L	0.000223	5.6	52.2166	-0.003966 mg/L	Y 371.029
V 311.837	-0.003946	mg/L	0.000049	1.2	6.19436	-0.003946 mg/L	Y 371.029
Zn 202.548	0.004322	mg/L	0.001124	26.0	296.577	0.004322 mg/L	Y 371.029
Zn 206.200	0.003794	mg/L	0.000506	13.3	99.1166	0.003794 mg/L	Y 371.029
Zn 213.857	0.003287	mg/L	0.000203	6.2	878.984	0.003287 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.864547	6932.62	26.232	0.4
Y 371.029	1.01788	167856	797.719	0.5

1113232-MS1 (Samp) **3/29/2011, 4:54:53 PM** **Rack 1, Tube 59**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.292803	mg/L	0.000633	0.2	13061.3	0.292803 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002296	0.8	760.623	uncal mg/L	Y 371.029
Al 237.312	5.09196	mg/L	0.007225	0.1	5997.76	5.09196 mg/L	Y 371.029
Al 257.509	5.13143	mg/L	0.018782	0.4	2690.50	5.13143 mg/L	Y 371.029
Al 308.215	5.32898	mg/L	0.007191	0.1	28078.0	5.32898 mg/L	Y 371.029
As 188.980	1.03167	mg/L	0.010687	1.0	216.893	1.03167 mg/L	Y 371.029
As 193.696	1.02164	mg/L	0.006326	0.6	268.152	1.02164 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.041502	1.6	2323.87	uncal mg/L	Y 371.029
B 182.577	1.03064	mg/L	0.007930	0.8	360.900	1.03064 mg/L	Y 371.029
B 249.678	1.02136	mg/L	0.010720	1.0	7627.20	1.02136 mg/L	Y 371.029
B 249.772	1.00276	mg/L	0.009693	1.0	14711.6	1.00276 mg/L	Y 371.029
Ba 233.527	1.10237	mg/L	0.003297	0.3	31439.8	1.10237 mg/L	Y 371.029
Ba 455.403	1.05815	mg/L	0.001695	0.2	1024351	1.05815 mg/L	Y 371.029
Ba 493.408	1.06487	mg/L	0.001911	0.2	659476	1.06487 mg/L	Y 371.029
Be 234.861	1.06350	mg/L	0.002762	0.3	87692.9	1.06350 mg/L	Y 371.029
Be 313.042	1.05019	mg/L	0.005452	0.5	1319565	1.05019 mg/L	Y 371.029
Be 313.107	1.05522	mg/L	0.005019	0.5	654347	1.05522 mg/L	Y 371.029
Ca 393.366	16.1764n	mg/L	0.055708	0.3	17938176	16.1764 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.104697	0.7	33460458	- mg/L	Y 371.029
Ca 430.253	20.5790	mg/L	0.012763	0.1	70804.2	20.5790 mg/L	Y 371.029
Cd 214.439	1.05423	mg/L	0.002576	0.2	9699.48	1.05423 mg/L	Y 371.029
Cd 226.502	1.05056	mg/L	0.002558	0.2	21844.7	1.05056 mg/L	Y 371.029
Cd 228.802	1.02425	mg/L	0.002811	0.3	10341.8	1.02425 mg/L	Y 371.029
Co 228.615	1.02276	mg/L	0.003814	0.4	5953.91	1.02276 mg/L	Y 371.029
Co 230.786	1.02219	mg/L	0.001390	0.1	4258.88	1.02219 mg/L	Y 371.029
Co 238.892	0.899696	mg/L	0.008902	1.0	3441.67	0.899696 mg/L	Y 371.029
Cr 205.560	1.03532	mg/L	0.006336	0.6	2890.20	1.03532 mg/L	Y 371.029
Cr 206.158	1.04504	mg/L	0.007197	0.7	1213.97	1.04504 mg/L	Y 371.029
Cr 267.716	1.02625	mg/L	0.002668	0.3	15948.2	1.02625 mg/L	Y 371.029
Cu 213.598	1.06521	mg/L	0.002951	0.3	2147.60	1.06521 mg/L	Y 371.029
Cu 324.754	1.00105	mg/L	0.005115	0.5	31997.7	1.00105 mg/L	Y 371.029
Cu 327.395	1.01893	mg/L	0.005562	0.5	43659.3	1.01893 mg/L	Y 371.029
Fe 234.350	49.7585	mg/L	0.217392	0.4	311681	49.7585 mg/L	Y 371.029
Fe 238.204	36.8119	mg/L	0.371077	1.0	616429	36.8119 mg/L	Y 371.029
Fe 259.940	42.7860	mg/L	0.209019	0.5	566762	42.7860 mg/L	Y 371.029
Ga 287.423	1.11985	mg/L	0.003826	0.3	2581.68	1.11985 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	1.03551	mg/L	0.001814	0.2	5385.72	1.03551 mg/L	Y 371.029
Ga 417.204	1.01406	mg/L	0.001617	0.2	8372.07	1.01406 mg/L	Y 371.029
K 766.491	10.9709	mg/L	0.022580	0.2	584116	10.9709 mg/L	Y 371.029
K 769.897	10.9677	mg/L	0.024174	0.2	491237	10.9677 mg/L	Y 371.029
Li 610.365	1.07955	mg/L	0.002299	0.2	35344.4	1.07955 mg/L	Y 371.029
Li 670.783	1.09260	mg/L	0.001503	0.1	2426083	1.09260 mg/L	Y 371.029
Mg 279.078	17.3823	mg/L	0.063438	0.4	17323.2	17.3823 mg/L	Y 371.029
Mg 280.270	16.6813	mg/L	0.059547	0.4	1164007	16.6813 mg/L	Y 371.029
Mg 285.213	18.4036	mg/L	0.113872	0.6	490142	18.4036 mg/L	Y 371.029
Mn 257.610	2.10809	mg/L	0.022395	1.1	229391	2.10809 mg/L	Y 371.029
Mn 259.372	2.11449	mg/L	0.024187	1.1	178994	2.11449 mg/L	Y 371.029
Mn 260.568	2.13103	mg/L	0.006682	0.3	30595.9	2.13103 mg/L	Y 371.029
Mo 202.032	1.01240	mg/L	0.018875	1.9	2738.97	1.01240 mg/L	Y 371.029
Mo 203.846	1.00705	mg/L	0.018660	1.9	1154.38	1.00705 mg/L	Y 371.029
Mo 204.598	1.03161	mg/L	0.018093	1.8	1353.27	1.03161 mg/L	Y 371.029
Na 568.821	29.7903	mg/L	0.012527	0.0	7508.61	29.7903 mg/L	Y 371.029
Na 588.995	30.5561	mg/L	0.097114	0.3	11771005	30.5561 mg/L	Y 371.029
Na 589.592	32.9349	mg/L	0.105460	0.3	6669202	32.9349 mg/L	Y 371.029
Ni 216.555	1.01804	mg/L	0.003257	0.3	3085.44	1.01804 mg/L	Y 371.029
Ni 221.648	1.00367	mg/L	0.002388	0.2	1232.29	1.00367 mg/L	Y 371.029
Ni 231.604	1.01888	mg/L	0.010853	1.1	2218.85	1.01888 mg/L	Y 371.029
P 177.434	1.14901	mg/L	0.005898	0.5	116.046	1.14901 mg/L	Y 371.029
P 213.618	1.18698	mg/L	0.003509	0.3	431.516	1.18698 mg/L	Y 371.029
P 214.914	1.15695	mg/L	0.004020	0.3	121.488	1.15695 mg/L	Y 371.029
Pb 220.353	1.03227	mg/L	0.007569	0.7	678.016	1.03227 mg/L	Y 371.029
Pb 261.417	0.437794	mg/L	0.017778	4.1	180.624	0.437794 mg/L	Y 371.029
Pb 405.781	1.00726	mg/L	0.003660	0.4	1212.76	1.00726 mg/L	Y 371.029
Sb 206.834	1.07922	mg/L	0.000400	0.0	508.381	1.07922 mg/L	Y 371.029
Sb 231.146	1.12129	mg/L	0.001510	0.1	437.938	1.12129 mg/L	Y 371.029
Sb 259.804	0.370575	mg/L	0.067800	18.3	145.705	0.370575 mg/L	Y 371.029
Se 196.026	1.02214	mg/L	0.027486	2.7	181.300	1.02214 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.023556	2.2	114.663	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.038123	0.2	17808.3	uncal mg/L	Y 371.029
Si 251.611	18.6420	mg/L	0.040806	0.2	19769.8	18.6420 mg/L	Y 371.029
Si 288.158	17.4610	mg/L	0.284142	1.6	101127	17.4610 mg/L	Y 371.029
Sn 189.927	1.04107	mg/L	0.007267	0.7	186.997	1.04107 mg/L	Y 371.029
Sn 283.998	0.959176	mg/L	0.003745	0.4	1774.28	0.959176 mg/L	Y 371.029
Sr 216.596	1.17183	mg/L	0.003648	0.3	5635.34	1.17183 mg/L	Y 371.029
Sr 407.771	1.10330	mg/L	0.007690	0.7	2977578	1.10330 mg/L	Y 371.029
Sr 421.552	1.11693	mg/L	0.003596	0.3	1956616	1.11693 mg/L	Y 371.029
Ti 334.941	1.01657	mg/L	0.002469	0.2	204483	1.01657 mg/L	Y 371.029
Ti 336.122	1.01468	mg/L	0.002632	0.3	85779.6	1.01468 mg/L	Y 371.029
Ti 337.280	1.03311	mg/L	0.001832	0.2	29665.4	1.03311 mg/L	Y 371.029
Tl 190.794	1.03390	mg/L	0.009824	1.0	246.733	1.03390 mg/L	Y 371.029
Tl 190.807	1.02351	mg/L	0.014662	1.4	123.972	1.02351 mg/L	Y 371.029
Tl 351.923	1.03610	mg/L	0.001287	0.1	1472.98	1.03610 mg/L	Y 371.029
V 268.796	0.990427	mg/L	0.003859	0.4	7648.03	0.990427 mg/L	Y 371.029
V 292.401	1.02784	mg/L	0.003918	0.4	25213.9	1.02784 mg/L	Y 371.029
V 311.837	1.02303	mg/L	0.002509	0.2	36352.8	1.02303 mg/L	Y 371.029
Zn 202.548	1.08333	mg/L	0.003775	0.3	4335.97	1.08333 mg/L	Y 371.029
Zn 206.200	1.08628	mg/L	0.007108	0.7	1451.04	1.08628 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	1.05287	mg/L	0.011958	1.1	12350.4	1.05287 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.859188	6889.64	31.163	0.5
Y 371.029	1.01639	167610	924.732	0.6

1113232-MSD1 (Samp) **3/29/2011, 4:59:06 PM** **Rack 1, Tube 60**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.304082	mg/L	0.000469	0.2	13560.6	0.304082 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001264	0.4	790.987	uncal mg/L	Y 371.029
Al 237.312	5.07015	mg/L	0.003809	0.1	5972.04	5.07015 mg/L	Y 371.029
Al 257.509	5.10776	mg/L	0.011774	0.2	2678.14	5.10776 mg/L	Y 371.029
Al 308.215	5.31792	mg/L	0.001073	0.0	28021.5	5.31792 mg/L	Y 371.029
As 188.980	1.03543	mg/L	0.016207	1.6	217.674	1.03543 mg/L	Y 371.029
As 193.696	1.02891	mg/L	0.006753	0.7	270.042	1.02891 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.021689	0.9	2312.17	uncal mg/L	Y 371.029
B 182.577	1.03014	mg/L	0.012055	1.2	360.731	1.03014 mg/L	Y 371.029
B 249.678	1.02707	mg/L	0.007589	0.7	7669.69	1.02707 mg/L	Y 371.029
B 249.772	1.00700	mg/L	0.008277	0.8	14777.0	1.00700 mg/L	Y 371.029
Ba 233.527	1.09988	mg/L	0.001184	0.1	31369.6	1.09988 mg/L	Y 371.029
Ba 455.403	1.05436	mg/L	0.001042	0.1	1020702	1.05436 mg/L	Y 371.029
Ba 493.408	1.06150	mg/L	0.001760	0.2	657404	1.06150 mg/L	Y 371.029
Be 234.861	1.05765	mg/L	0.002398	0.2	87208.4	1.05765 mg/L	Y 371.029
Be 313.042	1.05064	mg/L	0.002348	0.2	1320128	1.05064 mg/L	Y 371.029
Be 313.107	1.05556	mg/L	0.002670	0.3	654558	1.05556 mg/L	Y 371.029
Ca 393.366	16.3823n	mg/L	0.032437	0.2	18166202	16.3823 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.080716	0.5	33807188	- mg/L	Y 371.029
Ca 430.253	20.8973	mg/L	0.020972	0.1	71891.7	20.8973 mg/L	Y 371.029
Cd 214.439	1.04780	mg/L	0.015722	1.5	9640.44	1.04780 mg/L	Y 371.029
Cd 226.502	1.04717	mg/L	0.001751	0.2	21775.0	1.04717 mg/L	Y 371.029
Cd 228.802	1.02068	mg/L	0.009000	0.9	10305.8	1.02068 mg/L	Y 371.029
Co 228.615	1.01863	mg/L	0.003123	0.3	5931.33	1.01863 mg/L	Y 371.029
Co 230.786	1.01988	mg/L	0.002320	0.2	4250.39	1.01988 mg/L	Y 371.029
Co 238.892	0.903594	mg/L	0.005350	0.6	3455.28	0.903594 mg/L	Y 371.029
Cr 205.560	1.02294	mg/L	0.005041	0.5	2856.10	1.02294 mg/L	Y 371.029
Cr 206.158	1.03819	mg/L	0.006368	0.6	1206.16	1.03819 mg/L	Y 371.029
Cr 267.716	1.02115	mg/L	0.001098	0.1	15870.5	1.02115 mg/L	Y 371.029
Cu 213.598	1.05570	mg/L	0.001168	0.1	2129.39	1.05570 mg/L	Y 371.029
Cu 324.754	1.00209	mg/L	0.005372	0.5	32032.3	1.00209 mg/L	Y 371.029
Cu 327.395	1.01264	mg/L	0.002094	0.2	43396.6	1.01264 mg/L	Y 371.029
Fe 234.350	50.3645	mg/L	0.151853	0.3	315473	50.3645 mg/L	Y 371.029
Fe 238.204	37.3842	mg/L	0.484595	1.3	626004	37.3842 mg/L	Y 371.029
Fe 259.940	42.9662	mg/L	0.348195	0.8	569147	42.9662 mg/L	Y 371.029
Ga 287.423	1.11652	mg/L	0.004361	0.4	2581.76	1.11652 mg/L	Y 371.029
Ga 294.363	1.03248	mg/L	0.002123	0.2	5370.35	1.03248 mg/L	Y 371.029
Ga 417.204	1.00822	mg/L	0.001939	0.2	8328.54	1.00822 mg/L	Y 371.029
K 766.491	10.9845	mg/L	0.026682	0.2	584838	10.9845 mg/L	Y 371.029
K 769.897	10.9745	mg/L	0.033465	0.3	491545	10.9745 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.07481	mg/L	0.003757	0.3	35188.2	1.07481 mg/L	Y 371.029
Li 670.783	1.08858	mg/L	0.001011	0.1	2417321	1.08858 mg/L	Y 371.029
Mg 279.078	17.4714	mg/L	0.011863	0.1	17412.0	17.4714 mg/L	Y 371.029
Mg 280.270	16.8405	mg/L	0.135093	0.8	1175115	16.8405 mg/L	Y 371.029
Mg 285.213	18.5445	mg/L	0.173319	0.9	493893	18.5445 mg/L	Y 371.029
Mn 257.610	2.10207	mg/L	0.005923	0.3	228738	2.10207 mg/L	Y 371.029
Mn 259.372	2.10391	mg/L	0.003505	0.2	178193	2.10391 mg/L	Y 371.029
Mn 260.568	2.15249	mg/L	0.007869	0.4	30903.2	2.15249 mg/L	Y 371.029
Mo 202.032	1.04905	mg/L	0.021848	2.1	2836.97	1.04905 mg/L	Y 371.029
Mo 203.846	1.04304	mg/L	0.020926	2.0	1195.04	1.04304 mg/L	Y 371.029
Mo 204.598	1.06604	mg/L	0.021273	2.0	1397.83	1.06604 mg/L	Y 371.029
Na 568.821	30.0905	mg/L	0.093089	0.3	7586.16	30.0905 mg/L	Y 371.029
Na 588.995	30.8858	mg/L	0.066003	0.2	11895779	30.8858 mg/L	Y 371.029
Na 589.592	33.2175	mg/L	0.073602	0.2	6725214	33.2175 mg/L	Y 371.029
Ni 216.555	1.01538	mg/L	0.002145	0.2	3078.75	1.01538 mg/L	Y 371.029
Ni 221.648	0.998152	mg/L	0.007854	0.8	1226.16	0.998152 mg/L	Y 371.029
Ni 231.604	1.01588	mg/L	0.006108	0.6	2213.27	1.01588 mg/L	Y 371.029
P 177.434	1.15824	mg/L	0.018912	1.6	116.961	1.15824 mg/L	Y 371.029
P 213.618	1.18540	mg/L	0.009013	0.8	430.947	1.18540 mg/L	Y 371.029
P 214.914	1.16680	mg/L	0.012565	1.1	122.494	1.16680 mg/L	Y 371.029
Pb 220.353	1.02580	mg/L	0.005398	0.5	673.788	1.02580 mg/L	Y 371.029
Pb 261.417	0.439640	mg/L	0.013413	3.1	181.384	0.439640 mg/L	Y 371.029
Pb 405.781	0.998583	mg/L	0.006818	0.7	1202.95	0.998583 mg/L	Y 371.029
Sb 206.834	1.07723	mg/L	0.004341	0.4	507.487	1.07723 mg/L	Y 371.029
Sb 231.146	1.11668	mg/L	0.011713	1.0	436.193	1.11668 mg/L	Y 371.029
Sb 259.804	0.333907	mg/L	0.074588	22.3	135.774	0.333907 mg/L	Y 371.029
Se 196.026	1.02790	mg/L	0.014328	1.4	182.305	1.02790 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.022277	2.1	116.526	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.014939	0.1	18091.4	uncal mg/L	Y 371.029
Si 251.611	18.9531	mg/L	0.019153	0.1	20098.4	18.9531 mg/L	Y 371.029
Si 288.158	17.7997	mg/L	0.288610	1.6	103069	17.7997 mg/L	Y 371.029
Sn 189.927	1.04354	mg/L	0.001601	0.2	187.437	1.04354 mg/L	Y 371.029
Sn 283.998	0.959567	mg/L	0.003868	0.4	1770.76	0.959567 mg/L	Y 371.029
Sr 216.596	1.16683	mg/L	0.003932	0.3	5611.95	1.16683 mg/L	Y 371.029
Sr 407.771	1.09797	mg/L	0.013296	1.2	2963258	1.09797 mg/L	Y 371.029
Sr 421.552	1.11677	mg/L	0.009252	0.8	1956352	1.11677 mg/L	Y 371.029
Ti 334.941	1.01897	mg/L	0.003189	0.3	204968	1.01897 mg/L	Y 371.029
Ti 336.122	1.01715	mg/L	0.002873	0.3	85989.5	1.01715 mg/L	Y 371.029
Ti 337.280	1.03378	mg/L	0.000819	0.1	29685.0	1.03378 mg/L	Y 371.029
Tl 190.794	1.03644	mg/L	0.006981	0.7	247.327	1.03644 mg/L	Y 371.029
Tl 190.807	1.02100	mg/L	0.011306	1.1	123.707	1.02100 mg/L	Y 371.029
Tl 351.923	1.03596	mg/L	0.002785	0.3	1472.78	1.03596 mg/L	Y 371.029
V 268.796	0.987027	mg/L	0.002151	0.2	7649.33	0.987027 mg/L	Y 371.029
V 292.401	1.02690	mg/L	0.003500	0.3	25192.7	1.02690 mg/L	Y 371.029
V 311.837	1.01811	mg/L	0.002228	0.2	36180.6	1.01811 mg/L	Y 371.029
Zn 202.548	1.08757	mg/L	0.000962	0.1	4351.73	1.08757 mg/L	Y 371.029
Zn 206.200	1.08719	mg/L	0.003673	0.3	1452.27	1.08719 mg/L	Y 371.029
Zn 213.857	1.05444	mg/L	0.015278	1.4	12368.2	1.05444 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.853852	6846.85	7.341	0.1
Y 371.029	1.00981	166525	342.438	0.2

1113232-SRD1 (Samp) **3/29/2011, 5:05:59 PM** **Rack 3, Tube 1**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000716	mg/L	0.000126	17.6	132.080	0.003579 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000319	19.1	2.92660	uncal mg/L	Y 371.029
Al 237.312	0.002265uv	mg/L	0.000759	33.5	41.8945	0.011324 mg/L	Y 371.029
Al 257.509	0.011119	mg/L	0.004663	41.9	20.3470	0.055596 mg/L	Y 371.029
Al 308.215	0.004939	mg/L	0.000460	9.3	904.829	0.024696 mg/L	Y 371.029
As 188.980	0.008082	mg/L	0.002486	30.8	4.38304	0.040412 mg/L	Y 371.029
As 193.696	0.003592	mg/L	0.003247	90.4	3.08391	0.017961 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002618	199.9	7.70228	uncal mg/L	Y 371.029
B 182.577	0.006803	mg/L	0.002046	30.1	5.71674	0.034014 mg/L	Y 371.029
B 249.678	0.006700	mg/L	0.000478	7.1	72.2307	0.033500 mg/L	Y 371.029
B 249.772	0.006590	mg/L	0.000716	10.9	211.177	0.032948 mg/L	Y 371.029
Ba 233.527	0.010614	mg/L	0.000130	1.2	436.133	0.053069 mg/L	Y 371.029
Ba 455.403	0.010254	mg/L	0.000031	0.3	14469.1	0.051268 mg/L	Y 371.029
Ba 493.408	0.010375	mg/L	0.000009	0.1	9396.81	0.051873 mg/L	Y 371.029
Be 234.861	0.000363	mg/L	0.000005	1.4	2.59758	0.001816 mg/L	Y 371.029
Be 313.042	-0.000087uv	mg/L	0.000006	7.0	669.236	-0.000433 mg/L	Y 371.029
Be 313.107	0.000039	mg/L	0.000010	26.8	4.49063	0.000193 mg/L	Y 371.029
Ca 393.366	2.47887n	mg/L	0.001423	0.1	2761784	12.3944 mg/L	Y 371.029
Ca 396.847	2.18617	mg/L	0.038617	1.8	4565354	10.9309 mg/L	Y 371.029
Ca 430.253	2.23217	mg/L	0.010078	0.5	8018.10	11.1608 mg/L	Y 371.029
Cd 214.439	-0.000024uv	mg/L	0.000032	133.6	3.88988	-0.000121 mg/L	Y 371.029
Cd 226.502	0.000297	mg/L	0.000092	31.1	25.3714	0.001486 mg/L	Y 371.029
Cd 228.802	-0.000158uv	mg/L	0.000120	75.9	7.47469	-0.000789 mg/L	Y 371.029
Co 228.615	-0.002816uv	mg/L	0.000127	4.5	2.40762	-0.014078 mg/L	Y 371.029
Co 230.786	-0.002404	mg/L	0.000122	5.1	7.14616	-0.012018 mg/L	Y 371.029
Co 238.892	0.000721uv	mg/L	0.007385	1024.1	-24.6570	0.003606 mg/L	Y 371.029
Cr 205.560	-0.001085uv	mg/L	0.000571	52.6	2.69270	-0.005423 mg/L	Y 371.029
Cr 206.158	-0.001134uv	mg/L	0.000291	25.7	1.46152	-0.005670 mg/L	Y 371.029
Cr 267.716	-0.000795	mg/L	0.000098	12.4	17.5852	-0.003975 mg/L	Y 371.029
Cu 213.598	0.001253	mg/L	0.000561	44.8	9.83964	0.006266 mg/L	Y 371.029
Cu 324.754	-0.002307uv	mg/L	0.000203	8.8	431.679	-0.011535 mg/L	Y 371.029
Cu 327.395	-0.001641uv	mg/L	0.000147	9.0	14.5440	-0.008203 mg/L	Y 371.029
Fe 234.350	9.39957	mg/L	0.100163	1.1	58845.2	46.9979 mg/L	Y 371.029
Fe 238.204	7.16756	mg/L	0.180443	2.5	119948	35.8378 mg/L	Y 371.029
Fe 259.940	8.26403	mg/L	0.226167	2.7	109425	41.3201 mg/L	Y 371.029
Ga 287.423	0.009464	mg/L	0.000729	7.7	120.444	0.047320 mg/L	Y 371.029
Ga 294.363	0.000074	mg/L	0.000803	1083.3	11.1321	0.000371 mg/L	Y 371.029
Ga 417.204	-0.001870uv	mg/L	0.000667	35.7	50.4371	-0.009352 mg/L	Y 371.029
K 766.491	0.156350	mg/L	0.000360	0.2	9723.69	0.781748 mg/L	Y 371.029
K 769.897	0.153177	mg/L	0.000931	0.6	11449.5	0.765884 mg/L	Y 371.029
Li 610.365	0.008056	mg/L	0.000066	0.8	81.2984	0.040279 mg/L	Y 371.029
Li 670.783	0.001151	mg/L	0.000035	3.1	39599.9	0.005754 mg/L	Y 371.029
Mg 279.078	1.44046	mg/L	0.005328	0.4	1442.51	7.20232 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	1.52095	mg/L	0.021547	1.4	106357	7.60474 mg/L	Y 371.029
Mg 285.213	1.49975	mg/L	0.008510	0.6	40031.7	7.49876 mg/L	Y 371.029
Mn 257.610	0.227177	mg/L	0.001050	0.5	24605.0	1.13589 mg/L	Y 371.029
Mn 259.372	0.226637	mg/L	0.000950	0.4	19520.7	1.13319 mg/L	Y 371.029
Mn 260.568	0.229044	mg/L	0.000396	0.2	3288.11	1.14522 mg/L	Y 371.029
Mo 202.032	0.012057	mg/L	0.003386	28.1	38.2951	0.060283 mg/L	Y 371.029
Mo 203.846	0.011748	mg/L	0.003382	28.8	17.4137	0.058739 mg/L	Y 371.029
Mo 204.598	0.010853	mg/L	0.002612	24.1	18.3169	0.054263 mg/L	Y 371.029
Na 568.821	4.45868	mg/L	0.004127	0.1	967.833	22.2934 mg/L	Y 371.029
Na 588.995	4.95731	mg/L	0.003326	0.1	2079383	24.7866 mg/L	Y 371.029
Na 589.592	4.51673	mg/L	0.005384	0.1	1034786	22.5837 mg/L	Y 371.029
Ni 216.555	-0.005186	mg/L	0.000347	6.7	4.35844	-0.025928 mg/L	Y 371.029
Ni 221.648	-0.005209uv	mg/L	0.001307	25.1	2.16417	-0.026046 mg/L	Y 371.029
Ni 231.604	-0.005583uv	mg/L	0.000373	6.7	2.87338	-0.027916 mg/L	Y 371.029
P 177.434	0.023621	mg/L	0.003585	15.2	4.52975	0.118103 mg/L	Y 371.029
P 213.618	0.015046	mg/L	0.003901	25.9	7.32969	0.075229 mg/L	Y 371.029
P 214.914	0.028685	mg/L	0.005157	18.0	4.87542	0.143424 mg/L	Y 371.029
Pb 220.353	0.001890	mg/L	0.001089	57.6	4.05331	0.009448 mg/L	Y 371.029
Pb 261.417	0.004021	mg/L	0.002138	53.2	1.70259	0.020105 mg/L	Y 371.029
Pb 405.781	0.014435	mg/L	0.006801	47.1	57.3513	0.072175 mg/L	Y 371.029
Sb 206.834	-0.000280uv	mg/L	0.003983	1420.4	4.14269	-0.001402 mg/L	Y 371.029
Sb 231.146	0.000324uv	mg/L	0.003686	1137.3	3.22442	0.001621 mg/L	Y 371.029
Sb 259.804	-0.007031	mg/L	0.008243	117.2	7.99149	-0.035154 mg/L	Y 371.029
Se 196.026	0.001898	mg/L	0.001166	61.4	2.40415	0.009492 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.003135	18.0	2.21061	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.007039	0.2	3511.73	uncal mg/L	Y 371.029
Si 251.611	3.62273	mg/L	0.006276	0.2	3898.54	18.1137 mg/L	Y 371.029
Si 288.158	3.41168	mg/L	0.008539	0.3	20552.9	17.0584 mg/L	Y 371.029
Sn 189.927	-0.001564uv	mg/L	0.002067	132.2	1.93225	-0.007818 mg/L	Y 371.029
Sn 283.998	0.001993uv	mg/L	0.002735	137.3	5.77231	0.009963 mg/L	Y 371.029
Sr 216.596	0.014468	mg/L	0.000182	1.3	85.0566	0.072342 mg/L	Y 371.029
Sr 407.771	0.014057	mg/L	0.000041	0.3	43572.3	0.070287 mg/L	Y 371.029
Sr 421.552	0.014226	mg/L	0.000055	0.4	28551.7	0.071129 mg/L	Y 371.029
Ti 334.941	0.000452	mg/L	0.000223	49.3	208.830	0.002262 mg/L	Y 371.029
Ti 336.122	0.000313	mg/L	0.000210	67.0	70.5000	0.001566 mg/L	Y 371.029
Ti 337.280	0.000686	mg/L	0.000157	22.8	31.9263	0.003431 mg/L	Y 371.029
Tl 190.794	0.004704	mg/L	0.002155	45.8	2.51848	0.023520 mg/L	Y 371.029
Tl 190.807	0.004129uv	mg/L	0.005888	142.6	1.56869	0.020643 mg/L	Y 371.029
Tl 351.923	0.000568uv	mg/L	0.001907	335.8	5.49508	0.002840 mg/L	Y 371.029
V 268.796	-0.000379	mg/L	0.000672	177.5	30.8834	-0.001894 mg/L	Y 371.029
V 292.401	-0.000506	mg/L	0.000072	14.2	30.3342	-0.002530 mg/L	Y 371.029
V 311.837	-0.000357	mg/L	0.000021	5.8	4.99409	-0.001787 mg/L	Y 371.029
Zn 202.548	0.004578	mg/L	0.000659	14.4	284.262	0.022888 mg/L	Y 371.029
Zn 206.200	0.004628	mg/L	0.001091	23.6	96.0728	0.023141 mg/L	Y 371.029
Zn 213.857	0.001390	mg/L	0.000394	28.3	800.215	0.006948 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.864370	6931.19	10.064	0.1
Y 371.029	1.01946	168117	528.560	0.3

11C1255-34 (Samp) **3/29/2011, 5:09:49 PM** **Rack 3, Tube 2**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000406	mg/L	0.000216	53.1	131.022	0.000406 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000675	67.8	1.22866	uncal mg/L	Y 371.029
Al 237.312	0.007014uv	mg/L	0.000826	11.8	34.6497	0.007014 mg/L	Y 371.029
Al 257.509	0.005001uv	mg/L	0.004523	90.4	16.6872	0.005001 mg/L	Y 371.029
Al 308.215	0.012906	mg/L	0.000236	1.8	899.815	0.012906 mg/L	Y 371.029
As 188.980	0.006605	mg/L	0.001100	16.6	4.03836	0.006605 mg/L	Y 371.029
As 193.696	0.000139uv	mg/L	0.001217	875.0	2.32682	0.000139 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004118	449.1	6.24446	uncal mg/L	Y 371.029
B 182.577	0.024111	mg/L	0.002975	12.3	11.9559	0.024111 mg/L	Y 371.029
B 249.678	0.022414	mg/L	0.000555	2.5	198.282	0.022414 mg/L	Y 371.029
B 249.772	0.021470	mg/L	0.000093	0.4	729.028	0.021470 mg/L	Y 371.029
Ba 233.527	0.064591	mg/L	0.000183	0.3	1977.21	0.064591 mg/L	Y 371.029
Ba 455.403	0.061879	mg/L	0.000243	0.4	64249.3	0.061879 mg/L	Y 371.029
Ba 493.408	0.063523	mg/L	0.000114	0.2	42282.5	0.063523 mg/L	Y 371.029
Be 234.861	-0.000302uv	mg/L	0.000222	73.4	-150.282	-0.000302 mg/L	Y 371.029
Be 313.042	-0.000075uv	mg/L	0.000002	2.3	678.521	-0.000075 mg/L	Y 371.029
Be 313.107	0.000060	mg/L	0.000011	19.2	17.9307	0.000060 mg/L	Y 371.029
Ca 393.366	7.08325n	mg/L	0.003673	0.1	7862898	7.08325 mg/L	Y 371.029
Ca 396.847	6.73601	mg/L	0.004602	0.1	14011371	6.73601 mg/L	Y 371.029
Ca 430.253	7.40945	mg/L	0.028780	0.4	25773.3	7.40945 mg/L	Y 371.029
Cd 214.439	0.000024	mg/L	0.000173	714.3	5.99458	0.000024 mg/L	Y 371.029
Cd 226.502	0.001840	mg/L	0.000146	7.9	90.5949	0.001840 mg/L	Y 371.029
Cd 228.802	0.000102uv	mg/L	0.000154	151.3	8.10231	0.000102 mg/L	Y 371.029
Co 228.615	-0.013926uv	mg/L	0.000096	0.7	0.999518	-0.013926 mg/L	Y 371.029
Co 230.786	-0.013475	mg/L	0.000606	4.5	13.9232	-0.013475 mg/L	Y 371.029
Co 238.892	-0.012736uv	mg/L	0.004478	35.2	-191.882	-0.012736 mg/L	Y 371.029
Cr 205.560	-0.004852	mg/L	0.000203	4.2	3.38884	-0.004852 mg/L	Y 371.029
Cr 206.158	-0.004672	mg/L	0.000322	6.9	2.24793	-0.004672 mg/L	Y 371.029
Cr 267.716	-0.004447	mg/L	0.000114	2.6	22.6639	-0.004447 mg/L	Y 371.029
Cu 213.598	0.009556	mg/L	0.000397	4.2	52.6960	0.009556 mg/L	Y 371.029
Cu 324.754	-0.006897uv	mg/L	0.000100	1.5	403.523	-0.006897 mg/L	Y 371.029
Cu 327.395	-0.007619uv	mg/L	0.000171	2.2	13.5137	-0.007619 mg/L	Y 371.029
Fe 234.350	44.5829	mg/L	0.458280	1.0	279039	44.5829 mg/L	Y 371.029
Fe 238.204	33.4245	mg/L	0.459797	1.4	559178	33.4245 mg/L	Y 371.029
Fe 259.940	39.1760	mg/L	0.447457	1.1	518583	39.1760 mg/L	Y 371.029
Ga 287.423	0.043627	mg/L	0.002738	6.3	546.216	0.043627 mg/L	Y 371.029
Ga 294.363	0.000025	mg/L	0.000548	2233.9	27.4093	0.000025 mg/L	Y 371.029
Ga 417.204	-0.000721	mg/L	0.000687	95.4	119.461	-0.000721 mg/L	Y 371.029
K 766.491	6.61294	mg/L	0.013532	0.2	352547	6.61294 mg/L	Y 371.029
K 769.897	6.49136	mg/L	0.011596	0.2	292463	6.49136 mg/L	Y 371.029
Li 610.365	0.014878	mg/L	0.000093	0.6	305.831	0.014878 mg/L	Y 371.029
Li 670.783	0.015206	mg/L	0.000030	0.2	71006.9	0.015206 mg/L	Y 371.029
Mg 279.078	3.35029	mg/L	0.004566	0.1	3349.56	3.35029 mg/L	Y 371.029
Mg 280.270	3.52139	mg/L	0.020753	0.6	245931	3.52139 mg/L	Y 371.029
Mg 285.213	3.50494	mg/L	0.039291	1.1	93425.3	3.50494 mg/L	Y 371.029
Mn 257.610	0.916504	mg/L	0.009519	1.0	99271.7	0.916504 mg/L	Y 371.029
Mn 259.372	0.914372	mg/L	0.010010	1.1	79303.9	0.914372 mg/L	Y 371.029
Mn 260.568	0.923510	mg/L	0.004687	0.5	13245.5	0.923510 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.002380	mg/L	0.001723	72.4	15.8139	0.002380 mg/L	Y 371.029
Mo 203.846	0.000487	mg/L	0.000965	198.3	7.81872	0.000487 mg/L	Y 371.029
Mo 204.598	0.000677	mg/L	0.001707	252.1	8.80762	0.000677 mg/L	Y 371.029
Na 568.821	11.2776	mg/L	0.040776	0.4	2726.60	11.2776 mg/L	Y 371.029
Na 588.995	12.4724	mg/L	0.027970	0.2	4924442	12.4724 mg/L	Y 371.029
Na 589.592	13.0666	mg/L	0.017618	0.1	2729925	13.0666 mg/L	Y 371.029
Ni 216.555	-0.022619	mg/L	0.000192	0.8	19.0705	-0.022619 mg/L	Y 371.029
Ni 221.648	-0.020531	mg/L	0.001078	5.2	9.14135	-0.020531 mg/L	Y 371.029
Ni 231.604	-0.026684uv	mg/L	0.000593	2.2	2.09982	-0.026684 mg/L	Y 371.029
P 177.434	1.03592	mg/L	0.007767	0.7	104.748	1.03592 mg/L	Y 371.029
P 213.618	1.07392	mg/L	0.004139	0.4	383.969	1.07392 mg/L	Y 371.029
P 214.914	1.04500	mg/L	0.010145	1.0	107.104	1.04500 mg/L	Y 371.029
Pb 220.353	-0.000699uv	mg/L	0.004477	640.3	2.46149	-0.000699 mg/L	Y 371.029
Pb 261.417	0.004273	mg/L	0.000977	22.9	1.15000	0.004273 mg/L	Y 371.029
Pb 405.781	-0.012108uv	mg/L	0.003971	32.8	32.4989	-0.012108 mg/L	Y 371.029
Sb 206.834	-0.002190	mg/L	0.001315	60.0	4.64894	-0.002190 mg/L	Y 371.029
Sb 231.146	0.004368uv	mg/L	0.004106	94.0	4.82985	0.004368 mg/L	Y 371.029
Sb 259.804	-0.058194uv	mg/L	0.082520	141.8	19.6801	-0.058194 mg/L	Y 371.029
Se 196.026	-0.000810uv	mg/L	0.003986	492.2	1.64077	-0.000810 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.006841	75.6	0.953920	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.202451	0.7	26448.1	uncal mg/L	Y 371.029
Si 251.611	27.6969	mg/L	0.161857	0.6	29292.0	27.6969 mg/L	Y 371.029
Si 288.158	25.9396	mg/L	0.372557	1.4	149694	25.9396 mg/L	Y 371.029
Sn 189.927	-0.000560uv	mg/L	0.002837	506.6	2.25094	-0.000560 mg/L	Y 371.029
Sn 283.998	-0.000709	mg/L	0.002607	368.0	6.56025	-0.000709 mg/L	Y 371.029
Sr 216.596	0.076789	mg/L	0.000314	0.4	408.165	0.076789 mg/L	Y 371.029
Sr 407.771	0.073797	mg/L	0.000236	0.3	204679	0.073797 mg/L	Y 371.029
Sr 421.552	0.074594	mg/L	0.000340	0.5	134271	0.074594 mg/L	Y 371.029
Ti 334.941	-0.001037	mg/L	0.000174	16.8	166.851	-0.001037 mg/L	Y 371.029
Ti 336.122	-0.001240	mg/L	0.000176	14.2	40.8979	-0.001240 mg/L	Y 371.029
Ti 337.280	-0.000783	mg/L	0.000084	10.8	25.2873	-0.000783 mg/L	Y 371.029
Tl 190.794	-0.000559uv	mg/L	0.003908	698.5	1.62610	-0.000559 mg/L	Y 371.029
Tl 190.807	-0.002587uv	mg/L	0.000288	11.2	0.690590	-0.002587 mg/L	Y 371.029
Tl 351.923	0.001588uv	mg/L	0.002516	158.4	5.86746	0.001588 mg/L	Y 371.029
V 268.796	-0.003726	mg/L	0.000382	10.3	26.0270	-0.003726 mg/L	Y 371.029
V 292.401	-0.003443	mg/L	0.000134	3.9	62.5445	-0.003443 mg/L	Y 371.029
V 311.837	-0.003819	mg/L	0.000066	1.7	8.28584	-0.003819 mg/L	Y 371.029
Zn 202.548	0.004991	mg/L	0.000526	10.5	294.013	0.004991 mg/L	Y 371.029
Zn 206.200	0.004604	mg/L	0.001523	33.1	98.3411	0.004604 mg/L	Y 371.029
Zn 213.857	0.003313	mg/L	0.000712	21.5	863.450	0.003313 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.860584	6900.84	10.537	0.2
Y 371.029	1.01008	166569	105.171	0.1

11C1255-35 (Samp) **3/29/2011, 5:14:03 PM** **Rack 3, Tube 3**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000198	mg/L	0.000132	66.6	134.253	0.000198 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000609	47.5	2.25214	uncal mg/L	Y 371.029
Al 237.312	0.018662uv	mg/L	0.004154	22.3	43.7380	0.018662 mg/L	Y 371.029
Al 257.509	0.011902	mg/L	0.006302	52.9	20.0679	0.011902 mg/L	Y 371.029
Al 308.215	0.026245	mg/L	0.000247	0.9	944.733	0.026245 mg/L	Y 371.029
As 188.980	0.000544uv	mg/L	0.004456	819.3	2.78881	0.000544 mg/L	Y 371.029
As 193.696	-0.002768uv	mg/L	0.002845	102.8	1.69756	-0.002768 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.000702	25.1	6.74695	uncal mg/L	Y 371.029
B 182.577	0.023788	mg/L	0.002674	11.2	12.0300	0.023788 mg/L	Y 371.029
B 249.678	0.019433	mg/L	0.000812	4.2	178.930	0.019433 mg/L	Y 371.029
B 249.772	0.018639	mg/L	0.000559	3.0	764.708	0.018639 mg/L	Y 371.029
Ba 233.527	0.076006	mg/L	0.000189	0.2	2304.07	0.076006 mg/L	Y 371.029
Ba 455.403	0.073201	mg/L	0.000177	0.2	75196.7	0.073201 mg/L	Y 371.029
Ba 493.408	0.075133	mg/L	0.000148	0.2	49486.2	0.075133 mg/L	Y 371.029
Be 234.861	0.000782uv	mg/L	0.001006	128.6	-84.2959	0.000782 mg/L	Y 371.029
Be 313.042	-0.000042uv	mg/L	0.000004	9.7	716.259	-0.000042 mg/L	Y 371.029
Be 313.107	0.000073	mg/L	0.000004	5.1	28.0787	0.000073 mg/L	Y 371.029
Ca 393.366	10.1152n	mg/L	0.012078	0.1	11221237	10.1152 mg/L	Y 371.029
Ca 396.847	9.93916	mg/L	0.015191	0.2	20660334	9.93916 mg/L	Y 371.029
Ca 430.253	11.2159	mg/L	0.109817	1.0	38777.6	11.2159 mg/L	Y 371.029
Cd 214.439	-0.000019	mg/L	0.000225	1174.3	5.91488	-0.000019 mg/L	Y 371.029
Cd 226.502	0.002380	mg/L	0.000070	2.9	110.403	0.002380 mg/L	Y 371.029
Cd 228.802	0.000068uv	mg/L	0.000151	222.7	7.29974	0.000068 mg/L	Y 371.029
Co 228.615	-0.016604uv	mg/L	0.000123	0.7	0.669368	-0.016604 mg/L	Y 371.029
Co 230.786	-0.016164	mg/L	0.000341	2.1	15.6567	-0.016164 mg/L	Y 371.029
Co 238.892	-0.006579uv	mg/L	0.004662	70.9	-194.496	-0.006579 mg/L	Y 371.029
Cr 205.560	-0.005436	mg/L	0.000788	14.5	4.54953	-0.005436 mg/L	Y 371.029
Cr 206.158	-0.005284	mg/L	0.001212	22.9	2.77535	-0.005284 mg/L	Y 371.029
Cr 267.716	-0.005606	mg/L	0.000238	4.2	22.7543	-0.005606 mg/L	Y 371.029
Cu 213.598	0.010529	mg/L	0.000279	2.7	61.0562	0.010529 mg/L	Y 371.029
Cu 324.754	-0.007968uv	mg/L	0.000159	2.0	390.056	-0.007968 mg/L	Y 371.029
Cu 327.395	-0.009050uv	mg/L	0.000169	1.9	16.5194	-0.009050 mg/L	Y 371.029
Fe 234.350	53.1606	mg/L	0.145911	0.3	332722	53.1606 mg/L	Y 371.029
Fe 238.204	39.6469	mg/L	0.251750	0.6	663346	39.6469 mg/L	Y 371.029
Fe 259.940	45.2049	mg/L	0.224042	0.5	598383	45.2049 mg/L	Y 371.029
Ga 287.423	0.055179	mg/L	0.002615	4.7	655.997	0.055179 mg/L	Y 371.029
Ga 294.363	-0.000088	mg/L	0.000357	404.3	30.1565	-0.000088 mg/L	Y 371.029
Ga 417.204	0.000082	mg/L	0.000740	905.0	139.449	0.000082 mg/L	Y 371.029
K 766.491	1.21444	mg/L	0.004693	0.4	66021.5	1.21444 mg/L	Y 371.029
K 769.897	1.16669	mg/L	0.004483	0.4	56572.3	1.16669 mg/L	Y 371.029
Li 610.365	0.011359	mg/L	0.000387	3.4	190.018	0.011359 mg/L	Y 371.029
Li 670.783	0.008524	mg/L	0.000023	0.3	56721.6	0.008524 mg/L	Y 371.029
Mg 279.078	4.37020	mg/L	0.013241	0.3	4365.84	4.37020 mg/L	Y 371.029
Mg 280.270	4.56633	mg/L	0.019268	0.4	318843	4.56633 mg/L	Y 371.029
Mg 285.213	4.63092	mg/L	0.057493	1.2	123408	4.63092 mg/L	Y 371.029
Mn 257.610	2.47089	mg/L	0.009114	0.4	267354	2.47089 mg/L	Y 371.029
Mn 259.372	2.45836	mg/L	0.007975	0.3	206947	2.45836 mg/L	Y 371.029
Mn 260.568	2.46417	mg/L	0.019455	0.8	35291.8	2.46417 mg/L	Y 371.029
Mo 202.032	0.003087	mg/L	0.001155	37.4	10.8660	0.003087 mg/L	Y 371.029
Mo 203.846	0.002134	mg/L	0.000920	43.1	7.18578	0.002134 mg/L	Y 371.029
Mo 204.598	0.001926	mg/L	0.001378	71.5	7.56520	0.001926 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	8.71229	mg/L	0.012436	0.1	2071.42	8.71229 mg/L	Y 371.029
Na 588.995	9.88527	mg/L	0.069975	0.7	3946359	9.88527 mg/L	Y 371.029
Na 589.592	9.97912	mg/L	0.004930	0.0	2118645	9.97912 mg/L	Y 371.029
Ni 216.555	-0.027715	mg/L	0.000343	1.2	21.2128	-0.027715 mg/L	Y 371.029
Ni 221.648	-0.027157	mg/L	0.001465	5.4	7.44685	-0.027157 mg/L	Y 371.029
Ni 231.604	-0.032021uv	mg/L	0.000239	0.7	1.65241	-0.032021 mg/L	Y 371.029
P 177.434	0.977976	mg/L	0.014077	1.4	99.1053	0.977976 mg/L	Y 371.029
P 213.618	1.01414	mg/L	0.000837	0.1	363.224	1.01414 mg/L	Y 371.029
P 214.914	1.00426	mg/L	0.011145	1.1	103.550	1.00426 mg/L	Y 371.029
Pb 220.353	0.001699uv	mg/L	0.002567	151.1	4.05905	0.001699 mg/L	Y 371.029
Pb 261.417	0.005170	mg/L	0.002502	48.4	2.10525	0.005170 mg/L	Y 371.029
Pb 405.781	-0.019448uv	mg/L	0.004170	21.4	30.6107	-0.019448 mg/L	Y 371.029
Sb 206.834	-0.005561uv	mg/L	0.003814	68.6	3.37508	-0.005561 mg/L	Y 371.029
Sb 231.146	0.003516uv	mg/L	0.005497	156.3	4.91787	0.003516 mg/L	Y 371.029
Sb 259.804	-0.113237	mg/L	0.019707	17.4	10.0558	-0.113237 mg/L	Y 371.029
Se 196.026	-0.000778uv	mg/L	0.005125	658.9	1.77173	-0.000778 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.008319	118.4	0.887858	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.097571	0.4	25110.7	uncal mg/L	Y 371.029
Si 251.611	26.3428	mg/L	0.110866	0.4	27868.0	26.3428 mg/L	Y 371.029
Si 288.158	24.9188	mg/L	0.216793	0.9	143855	24.9188 mg/L	Y 371.029
Sn 189.927	-0.003551uv	mg/L	0.002313	65.2	1.71481	-0.003551 mg/L	Y 371.029
Sn 283.998	-0.004261	mg/L	0.000502	11.8	4.30154	-0.004261 mg/L	Y 371.029
Sr 216.596	0.207134	mg/L	0.000753	0.4	1036.43	0.207134 mg/L	Y 371.029
Sr 407.771	0.194688	mg/L	0.001045	0.5	530386	0.194688 mg/L	Y 371.029
Sr 421.552	0.202162	mg/L	0.001369	0.7	357367	0.202162 mg/L	Y 371.029
Ti 334.941	-0.001562	mg/L	0.000104	6.6	127.090	-0.001562 mg/L	Y 371.029
Ti 336.122	-0.001586	mg/L	0.000042	2.7	38.7402	-0.001586 mg/L	Y 371.029
Ti 337.280	-0.001313	mg/L	0.000148	11.2	20.0546	-0.001313 mg/L	Y 371.029
Tl 190.794	0.000467	mg/L	0.001538	329.4	2.39688	0.000467 mg/L	Y 371.029
Tl 190.807	0.000350uv	mg/L	0.001151	328.7	0.844366	0.000350 mg/L	Y 371.029
Tl 351.923	0.003742	mg/L	0.000629	16.8	8.56611	0.003742 mg/L	Y 371.029
V 268.796	-0.004504	mg/L	0.000353	7.8	23.6478	-0.004504 mg/L	Y 371.029
V 292.401	-0.004354	mg/L	0.000082	1.9	65.8688	-0.004354 mg/L	Y 371.029
V 311.837	-0.004702	mg/L	0.000104	2.2	8.16666	-0.004702 mg/L	Y 371.029
Zn 202.548	0.006737	mg/L	0.000340	5.1	301.859	0.006737 mg/L	Y 371.029
Zn 206.200	0.005721	mg/L	0.000739	12.9	100.090	0.005721 mg/L	Y 371.029
Zn 213.857	0.005643	mg/L	0.000603	10.7	897.311	0.005643 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.862715	6917.92	5.844	0.1
Y 371.029	1.01487	167359	409.417	0.2

11C1255-36 (Samp) **3/29/2011, 5:18:00 PM** **Rack 3, Tube 4**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000509	mg/L	0.000115	22.5	131.986	0.000509 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000384	21.3	3.23892	uncal mg/L	Y 371.029
Al 237.312	0.008069	mg/L	0.000496	6.2	51.8746	0.008069 mg/L	Y 371.029
Al 257.509	0.016894	mg/L	0.006976	41.3	23.3179	0.016894 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.013844	mg/L	0.001332	9.6	948.725	0.013844 mg/L	Y 371.029
As 188.980	0.005214	mg/L	0.002074	39.8	3.76698	0.005214 mg/L	Y 371.029
As 193.696	-0.000716uv	mg/L	0.000432	60.3	1.90500	-0.000716 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003639	705.3	6.78567	uncal mg/L	Y 371.029
B 182.577	0.025619	mg/L	0.001846	7.2	12.3249	0.025619 mg/L	Y 371.029
B 249.678	0.021596	mg/L	0.000248	1.1	184.009	0.021596 mg/L	Y 371.029
B 249.772	0.021120	mg/L	0.000260	1.2	369.984	0.021120 mg/L	Y 371.029
Ba 233.527	0.019639	mg/L	0.000179	0.9	694.917	0.019639 mg/L	Y 371.029
Ba 455.403	0.019161	mg/L	0.000047	0.2	23173.4	0.019161 mg/L	Y 371.029
Ba 493.408	0.019388	mg/L	0.000087	0.4	15009.9	0.019388 mg/L	Y 371.029
Be 234.861	0.000147	mg/L	0.000008	5.2	0.943857	0.000147 mg/L	Y 371.029
Be 313.042	-0.000069uv	mg/L	0.000002	3.0	691.474	-0.000069 mg/L	Y 371.029
Be 313.107	0.000078	mg/L	0.000007	8.3	29.7060	0.000078 mg/L	Y 371.029
Ca 393.366	11.4832n	mg/L	0.009601	0.1	12731595	11.4832 mg/L	Y 371.029
Ca 396.847	11.4397	mg/L	0.010869	0.1	23768206	11.4397 mg/L	Y 371.029
Ca 430.253	12.9914	mg/L	0.210240	1.6	44707.8	12.9914 mg/L	Y 371.029
Cd 214.439	-0.000030uv	mg/L	0.000158	529.0	3.55522	-0.000030 mg/L	Y 371.029
Cd 226.502	0.000091	mg/L	0.000037	40.5	15.9308	0.000091 mg/L	Y 371.029
Cd 228.802	-0.000040uv	mg/L	0.000081	202.4	8.95491	-0.000040 mg/L	Y 371.029
Co 228.615	0.000159	mg/L	0.000103	65.1	8.92999	0.000159 mg/L	Y 371.029
Co 230.786	0.001193	mg/L	0.000089	7.5	13.3045	0.001193 mg/L	Y 371.029
Co 238.892	0.002371uv	mg/L	0.000050	2.1	0.929922	0.002371 mg/L	Y 371.029
Cr 205.560	-0.000592uv	mg/L	0.000125	21.1	2.43590	-0.000592 mg/L	Y 371.029
Cr 206.158	-0.000711uv	mg/L	0.000191	26.8	1.13181	-0.000711 mg/L	Y 371.029
Cr 267.716	-0.000274	mg/L	0.000183	66.9	16.3734	-0.000274 mg/L	Y 371.029
Cu 213.598	0.000168	mg/L	0.000726	432.8	3.39177	0.000168 mg/L	Y 371.029
Cu 324.754	-0.001135uv	mg/L	0.000190	16.7	441.688	-0.001135 mg/L	Y 371.029
Cu 327.395	-0.000430	mg/L	0.000073	17.0	26.5679	-0.000430 mg/L	Y 371.029
Fe 234.350	3.54962	mg/L	0.019195	0.5	22246.1	3.54962 mg/L	Y 371.029
Fe 238.204	2.76766	mg/L	0.007785	0.3	46363.4	2.76766 mg/L	Y 371.029
Fe 259.940	3.15599	mg/L	0.026789	0.8	41834.6	3.15599 mg/L	Y 371.029
Ga 287.423	0.001774	mg/L	0.001064	60.0	46.1021	0.001774 mg/L	Y 371.029
Ga 294.363	0.000939	mg/L	0.000240	25.5	11.9873	0.000939 mg/L	Y 371.029
Ga 417.204	-0.001047uv	mg/L	0.000679	64.9	44.4519	-0.001047 mg/L	Y 371.029
K 766.491	0.826549	mg/L	0.001882	0.2	45333.9	0.826549 mg/L	Y 371.029
K 769.897	0.799548	mg/L	0.001375	0.2	40120.1	0.799548 mg/L	Y 371.029
Li 610.365	0.008377	mg/L	0.000101	1.2	91.8761	0.008377 mg/L	Y 371.029
Li 670.783	0.001112	mg/L	0.000029	2.6	39562.3	0.001112 mg/L	Y 371.029
Mg 279.078	2.43251	mg/L	0.005997	0.2	2429.51	2.43251 mg/L	Y 371.029
Mg 280.270	2.52145	mg/L	0.030158	1.2	176161	2.52145 mg/L	Y 371.029
Mg 285.213	2.51364	mg/L	0.018643	0.7	67029.2	2.51364 mg/L	Y 371.029
Mn 257.610	0.135336	mg/L	0.000133	0.1	14655.4	0.135336 mg/L	Y 371.029
Mn 259.372	0.134822	mg/L	0.000484	0.4	11439.9	0.134822 mg/L	Y 371.029
Mn 260.568	0.136903	mg/L	0.000311	0.2	1970.29	0.136903 mg/L	Y 371.029
Mo 202.032	0.001470	mg/L	0.000969	65.9	13.0320	0.001470 mg/L	Y 371.029
Mo 203.846	0.000608	mg/L	0.000417	68.6	5.86688	0.000608 mg/L	Y 371.029
Mo 204.598	0.000463	mg/L	0.000977	210.9	6.00778	0.000463 mg/L	Y 371.029
Na 568.821	4.54002	mg/L	0.037461	0.8	997.808	4.54002 mg/L	Y 371.029
Na 588.995	5.15765	mg/L	0.012395	0.2	2155751	5.15765 mg/L	Y 371.029
Na 589.592	4.71143	mg/L	0.014154	0.3	1073556	4.71143 mg/L	Y 371.029
Ni 216.555	-0.000148	mg/L	0.000234	157.8	8.31319	-0.000148 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000621	mg/L	0.000433	69.8	4.94968	0.000621 mg/L	Y 371.029
Ni 231.604	0.000442	mg/L	0.000468	105.9	8.57104	0.000442 mg/L	Y 371.029
P 177.434	0.000151uv	mg/L	0.002783	1838.6	2.13144	0.000151 mg/L	Y 371.029
P 213.618	0.002010	mg/L	0.001894	94.2	2.57666	0.002010 mg/L	Y 371.029
P 214.914	0.013833	mg/L	0.005645	40.8	3.13679	0.013833 mg/L	Y 371.029
Pb 220.353	-0.000385uv	mg/L	0.000598	155.3	2.62104	-0.000385 mg/L	Y 371.029
Pb 261.417	0.006449	mg/L	0.003331	51.6	2.82756	0.006449 mg/L	Y 371.029
Pb 405.781	0.004006uv	mg/L	0.008270	206.5	47.3228	0.004006 mg/L	Y 371.029
Sb 206.834	-0.000773	mg/L	0.000289	37.4	4.07243	-0.000773 mg/L	Y 371.029
Sb 231.146	-0.001970uv	mg/L	0.002645	134.3	3.34223	-0.001970 mg/L	Y 371.029
Sb 259.804	-0.011850uv	mg/L	0.001292	10.9	3.24143	-0.011850 mg/L	Y 371.029
Se 196.026	0.006507	mg/L	0.005653	86.9	3.39456	0.006507 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.005541	59.1	1.36326	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.016807	0.6	2930.63	uncal mg/L	Y 371.029
Si 251.611	2.98412	mg/L	0.011894	0.4	3232.83	2.98412 mg/L	Y 371.029
Si 288.158	2.78555	mg/L	0.021260	0.8	17006.0	2.78555 mg/L	Y 371.029
Sn 189.927	-0.002162uv	mg/L	0.003019	139.7	1.77885	-0.002162 mg/L	Y 371.029
Sn 283.998	-0.000403uv	mg/L	0.001856	460.4	2.88685	-0.000403 mg/L	Y 371.029
Sr 216.596	0.055722	mg/L	0.000426	0.8	278.515	0.055722 mg/L	Y 371.029
Sr 407.771	0.052530	mg/L	0.000490	0.9	147685	0.052530 mg/L	Y 371.029
Sr 421.552	0.053564	mg/L	0.000387	0.7	97635.5	0.053564 mg/L	Y 371.029
Ti 334.941	0.000127	mg/L	0.000046	36.0	105.274	0.000127 mg/L	Y 371.029
Ti 336.122	0.000065	mg/L	0.000081	125.7	32.0363	0.000065 mg/L	Y 371.029
Ti 337.280	0.000296	mg/L	0.000126	42.4	16.5668	0.000296 mg/L	Y 371.029
Tl 190.794	0.001820uv	mg/L	0.002688	147.7	1.71945	0.001820 mg/L	Y 371.029
Tl 190.807	0.003406uv	mg/L	0.004097	120.3	1.42893	0.003406 mg/L	Y 371.029
Tl 351.923	0.003821	mg/L	0.001434	37.5	10.7522	0.003821 mg/L	Y 371.029
V 268.796	-0.000470	mg/L	0.000104	22.1	20.4968	-0.000470 mg/L	Y 371.029
V 292.401	-0.000066	mg/L	0.000257	388.5	24.1459	-0.000066 mg/L	Y 371.029
V 311.837	0.000213	mg/L	0.000128	60.1	4.84218	0.000213 mg/L	Y 371.029
Zn 202.548	0.010309	mg/L	0.000444	4.3	306.879	0.010309 mg/L	Y 371.029
Zn 206.200	0.010098	mg/L	0.001388	13.7	103.463	0.010098 mg/L	Y 371.029
Zn 213.857	0.007855	mg/L	0.000289	3.7	871.577	0.007855 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.866429	6947.71	5.454	0.1
Y 371.029	1.01396	167209	427.531	0.3

11C1255-37 (Samp) **3/29/2011, 5:21:56 PM** **Rack 3, Tube 5**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002306	mg/L	0.000104	4.5	127.468	-0.002306 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001499	77.8	3.50289	uncal mg/L	Y 371.029
Al 237.312	0.098151	mg/L	0.002603	2.7	169.528	0.098151 mg/L	Y 371.029
Al 257.509	0.099054	mg/L	0.005605	5.7	72.4942	0.099054 mg/L	Y 371.029
Al 308.215	0.129218	mg/L	0.000825	0.6	1448.03	0.129218 mg/L	Y 371.029
As 188.980	0.008797uv	mg/L	0.003736	42.5	3.49757	0.008797 mg/L	Y 371.029
As 193.696	0.005222uv	mg/L	0.002500	47.9	2.49308	0.005222 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002242	81.3	6.17114	uncal mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.064475	mg/L	0.001635	2.5	26.3390	0.064475 mg/L	Y 371.029
B 249.678	0.035462	mg/L	0.000218	0.6	307.090	0.035462 mg/L	Y 371.029
B 249.772	0.035951	mg/L	0.000519	1.4	572.921	0.035951 mg/L	Y 371.029
Ba 233.527	0.025022	mg/L	0.000175	0.7	871.986	0.025022 mg/L	Y 371.029
Ba 455.403	0.024666	mg/L	0.000046	0.2	29072.1	0.024666 mg/L	Y 371.029
Ba 493.408	0.024970	mg/L	0.000029	0.1	18867.9	0.024970 mg/L	Y 371.029
Be 234.861	0.000019	mg/L	0.000002	10.4	0.202085	0.000019 mg/L	Y 371.029
Be 313.042	-0.000060uv	mg/L	0.000004	6.1	684.576	-0.000060 mg/L	Y 371.029
Be 313.107	0.000036	mg/L	0.000007	19.1	9.35097	0.000036 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.669786	2.1	34596844	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.207549	1.1	38488080	- mg/L	Y 371.029
Ca 430.253	73.6514	mg/L	0.063462	0.1	251806	73.6514 mg/L	Y 371.029
Cd 214.439	-0.000021uv	mg/L	0.000059	280.6	3.47576	-0.000021 mg/L	Y 371.029
Cd 226.502	-0.000111uv	mg/L	0.000122	109.7	11.0851	-0.000111 mg/L	Y 371.029
Cd 228.802	0.000044uv	mg/L	0.000060	134.6	9.57743	0.000044 mg/L	Y 371.029
Co 228.615	0.001033	mg/L	0.000318	30.8	4.29539	0.001033 mg/L	Y 371.029
Co 230.786	0.001729	mg/L	0.000240	13.9	9.11914	0.001729 mg/L	Y 371.029
Co 238.892	-0.000865uv	mg/L	0.000179	20.8	1.85380	-0.000865 mg/L	Y 371.029
Cr 205.560	0.000270	mg/L	0.000247	91.3	5.41185	0.000270 mg/L	Y 371.029
Cr 206.158	0.000685	mg/L	0.000745	108.9	2.71537	0.000685 mg/L	Y 371.029
Cr 267.716	0.000675	mg/L	0.000043	6.4	31.8706	0.000675 mg/L	Y 371.029
Cu 213.598	0.000433	mg/L	0.001302	300.6	4.40285	0.000433 mg/L	Y 371.029
Cu 324.754	0.003918	mg/L	0.000161	4.1	503.990	0.003918 mg/L	Y 371.029
Cu 327.395	0.000928	mg/L	0.000196	21.1	85.8242	0.000928 mg/L	Y 371.029
Fe 234.350	0.122483	mg/L	0.001679	1.4	882.686	0.122483 mg/L	Y 371.029
Fe 238.204	0.089069	mg/L	0.001109	1.2	1822.96	0.089069 mg/L	Y 371.029
Fe 259.940	0.103458	mg/L	0.000663	0.6	1601.17	0.103458 mg/L	Y 371.029
Ga 287.423	-0.000225	mg/L	0.001289	572.9	9.45026	-0.000225 mg/L	Y 371.029
Ga 294.363	0.000147uv	mg/L	0.000877	596.6	6.95289	0.000147 mg/L	Y 371.029
Ga 417.204	-0.000062uv	mg/L	0.001298	2088.8	41.5986	-0.000062 mg/L	Y 371.029
K 766.491	7.70280	mg/L	0.004122	0.1	410817	7.70280 mg/L	Y 371.029
K 769.897	7.60657	mg/L	0.007653	0.1	342605	7.60657 mg/L	Y 371.029
Li 610.365	0.009714	mg/L	0.000248	2.5	135.867	0.009714 mg/L	Y 371.029
Li 670.783	0.004941	mg/L	0.000015	0.3	50020.0	0.004941 mg/L	Y 371.029
Mg 279.078	12.5795	mg/L	0.007688	0.1	12532.7	12.5795 mg/L	Y 371.029
Mg 280.270	12.2238	mg/L	0.019488	0.2	853090	12.2238 mg/L	Y 371.029
Mg 285.213	13.6111	mg/L	0.088300	0.6	362573	13.6111 mg/L	Y 371.029
Mn 257.610	0.018338	mg/L	0.000060	0.3	2012.58	0.018338 mg/L	Y 371.029
Mn 259.372	0.016976	mg/L	0.000105	0.6	1553.85	0.016976 mg/L	Y 371.029
Mn 260.568	0.019242	mg/L	0.000094	0.5	317.478	0.019242 mg/L	Y 371.029
Mo 202.032	-0.042851	mg/L	0.000258	0.6	18.7969	-0.042851 mg/L	Y 371.029
Mo 203.846	-0.045091	mg/L	0.000470	1.0	8.40243	-0.045091 mg/L	Y 371.029
Mo 204.598	-0.046460	mg/L	0.001237	2.7	8.09768	-0.046460 mg/L	Y 371.029
Na 568.821	83.1855	mg/L	0.039431	0.0	21263.3	83.1855 mg/L	Y 371.029
Na 588.995	-o	mg/L	1.30838	1.9	26543618	- mg/L	Y 371.029
Na 589.592	81.6710	mg/L	0.198149	0.2	16324155	81.6710 mg/L	Y 371.029
Ni 216.555	0.002869	mg/L	0.000275	9.6	10.8761	0.002869 mg/L	Y 371.029
Ni 221.648	0.004013	mg/L	0.001471	36.7	7.01912	0.004013 mg/L	Y 371.029
Ni 231.604	0.004876	mg/L	0.000770	15.8	14.4753	0.004876 mg/L	Y 371.029
P 177.434	0.011567	mg/L	0.006219	53.8	2.95393	0.011567 mg/L	Y 371.029
P 213.618	-0.000812	mg/L	0.001441	177.4	3.92740	-0.000812 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.024397	mg/L	0.013559	55.6	4.05425	0.024397 mg/L	Y 371.029
Pb 220.353	-0.000627uv	mg/L	0.001912	305.1	3.05492	-0.000627 mg/L	Y 371.029
Pb 261.417	-0.012055	mg/L	0.003244	26.9	1.51353	-0.012055 mg/L	Y 371.029
Pb 405.781	0.001254	mg/L	0.003610	288.0	65.0129	0.001254 mg/L	Y 371.029
Sb 206.834	-0.012353uv	mg/L	0.001815	14.7	3.27199	-0.012353 mg/L	Y 371.029
Sb 231.146	-0.014019uv	mg/L	0.001884	13.4	1.38893	-0.014019 mg/L	Y 371.029
Sb 259.804	-0.016002uv	mg/L	0.000948	5.9	2.73512	-0.016002 mg/L	Y 371.029
Se 196.026	0.013798	mg/L	0.008449	61.2	5.04600	0.013798 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.005581	26.7	1.63616	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.005293	0.1	5305.62	uncal mg/L	Y 371.029
Si 251.611	5.44693	mg/L	0.014544	0.3	5879.59	5.44693 mg/L	Y 371.029
Si 288.158	5.13261	mg/L	0.037545	0.7	30669.0	5.13261 mg/L	Y 371.029
Sn 189.927	-0.000647uv	mg/L	0.005190	801.7	2.10600	-0.000647 mg/L	Y 371.029
Sn 283.998	-0.004935	mg/L	0.001676	34.0	5.50983	-0.004935 mg/L	Y 371.029
Sr 216.596	0.232199	mg/L	0.000387	0.2	1122.35	0.232199 mg/L	Y 371.029
Sr 407.771	0.217411	mg/L	0.001566	0.7	594442	0.217411 mg/L	Y 371.029
Sr 421.552	0.227834	mg/L	0.001628	0.7	404056	0.227834 mg/L	Y 371.029
Ti 334.941	0.001891	mg/L	0.000400	21.2	453.281	0.001891 mg/L	Y 371.029
Ti 336.122	0.001498	mg/L	0.000405	27.0	143.883	0.001498 mg/L	Y 371.029
Ti 337.280	0.001303	mg/L	0.000165	12.7	55.5181	0.001303 mg/L	Y 371.029
Tl 190.794	0.003270uv	mg/L	0.000518	15.8	1.41081	0.003270 mg/L	Y 371.029
Tl 190.807	-0.000437uv	mg/L	0.004564	1045.4	0.965108	-0.000437 mg/L	Y 371.029
Tl 351.923	0.007033	mg/L	0.001498	21.3	13.9278	0.007033 mg/L	Y 371.029
V 268.796	-0.005166	mg/L	0.000395	7.7	31.2493	-0.005166 mg/L	Y 371.029
V 292.401	0.000927	mg/L	0.000306	33.0	42.9154	0.000927 mg/L	Y 371.029
V 311.837	0.000777	mg/L	0.000092	11.8	17.2260	0.000777 mg/L	Y 371.029
Zn 202.548	-0.005405	mg/L	0.000827	15.3	288.833	-0.005405 mg/L	Y 371.029
Zn 206.200	-0.002082	mg/L	0.000883	42.4	102.129	-0.002082 mg/L	Y 371.029
Zn 213.857	-0.003767	mg/L	0.000584	15.5	863.174	-0.003767 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.848977	6807.76	41.512	0.6
Y 371.029	1.00044	164979	891.912	0.5

11C1255-38 (Samp) **3/29/2011, 5:26:09 PM** **Rack 3, Tube 6**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000207	mg/L	0.000225	109.0	159.625	0.002067 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002115	113.1	4.62736	uncal mg/L	Y 371.029
Al 237.312	0.003578uv	mg/L	0.002675	74.8	15.2678	0.035783 mg/L	Y 371.029
Al 257.509	0.011582	mg/L	0.001135	9.8	20.2072	0.115824 mg/L	Y 371.029
Al 308.215	0.022373uv	mg/L	0.001060	4.7	874.908	0.223732 mg/L	Y 371.029
As 188.980	0.004269uv	mg/L	0.005810	136.1	3.56349	0.042691 mg/L	Y 371.029
As 193.696	-0.002135uv	mg/L	0.000879	41.2	2.18741	-0.021350 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002745	741.6	3.47962	uncal mg/L	Y 371.029
B 182.577	0.029218	mg/L	0.001109	3.8	14.2216	0.292176 mg/L	Y 371.029
B 249.678	-0.000591	mg/L	0.001068	180.7	32.7611	-0.005908 mg/L	Y 371.029
B 249.772	0.000237	mg/L	0.000367	155.0	637.273	0.002369 mg/L	Y 371.029
Ba 233.527	0.006125	mg/L	0.000081	1.3	322.490	0.061253 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.005614	mg/L	0.000015	0.3	10019.7	0.056144 mg/L	Y 371.029
Ba 493.408	0.005648	mg/L	0.000013	0.2	6682.60	0.056484 mg/L	Y 371.029
Be 234.861	-0.000332uv	mg/L	0.000113	33.9	-218.231	-0.003321 mg/L	Y 371.029
Be 313.042	-0.000068uv	mg/L	0.000003	5.0	676.061	-0.000679 mg/L	Y 371.029
Be 313.107	0.000047	mg/L	0.000007	15.2	17.1302	0.000474 mg/L	Y 371.029
Ca 393.366	4.88425n	mg/L	0.004532	0.1	5431140	48.8425 mg/L	Y 371.029
Ca 396.847	4.53478	mg/L	0.003568	0.1	9447747	45.3478 mg/L	Y 371.029
Ca 430.253	4.82208	mg/L	0.002697	0.1	17010.3	48.2208 mg/L	Y 371.029
Cd 214.439	-0.000062	mg/L	0.000104	168.5	5.99498	-0.000619 mg/L	Y 371.029
Cd 226.502	0.003241	mg/L	0.000168	5.2	144.030	0.032409 mg/L	Y 371.029
Cd 228.802	0.000045uv	mg/L	0.000219	483.6	6.29911	0.000454 mg/L	Y 371.029
Co 228.615	-0.021363uv	mg/L	0.000056	0.3	0.320342	-0.213628 mg/L	Y 371.029
Co 230.786	-0.020647	mg/L	0.000157	0.8	20.1096	-0.206470 mg/L	Y 371.029
Co 238.892	-0.018044uv	mg/L	0.007317	40.6	-288.675	-0.180437 mg/L	Y 371.029
Cr 205.560	-0.007688uv	mg/L	0.000200	2.6	3.10417	-0.076880 mg/L	Y 371.029
Cr 206.158	-0.008106uv	mg/L	0.000558	6.9	1.84642	-0.081055 mg/L	Y 371.029
Cr 267.716	-0.008239	mg/L	0.000052	0.6	17.1934	-0.082391 mg/L	Y 371.029
Cu 213.598	0.014517	mg/L	0.000911	6.3	80.5751	0.145174 mg/L	Y 371.029
Cu 324.754	-0.009388uv	mg/L	0.000100	1.1	376.976	-0.093882 mg/L	Y 371.029
Cu 327.395	-0.012037uv	mg/L	0.000007	0.1	5.76082	-0.120370 mg/L	Y 371.029
Fe 234.350	68.6300	mg/L	0.507961	0.7	429537	686.300 mg/L	Y 371.029
Fe 238.204	50.8374	mg/L	0.258778	0.5	850587	508.374 mg/L	Y 371.029
Fe 259.940	59.0710	mg/L	0.479429	0.8	781918	590.710 mg/L	Y 371.029
Ga 287.423	0.079857	mg/L	0.000710	0.9	861.181	0.798571 mg/L	Y 371.029
Ga 294.363	-0.000960	mg/L	0.000114	11.8	32.3353	-0.009598 mg/L	Y 371.029
Ga 417.204	0.001611	mg/L	0.000631	39.2	178.396	0.016108 mg/L	Y 371.029
K 766.491	0.186123	mg/L	0.000596	0.3	11465.5	1.86123 mg/L	Y 371.029
K 769.897	0.182698	mg/L	0.000638	0.3	13121.4	1.82698 mg/L	Y 371.029
Li 610.365	0.008401	mg/L	0.000232	2.8	92.6503	0.084007 mg/L	Y 371.029
Li 670.783	0.000870	mg/L	0.000020	2.3	40709.6	0.008703 mg/L	Y 371.029
Mg 279.078	6.93428	mg/L	0.021133	0.3	6919.61	69.3428 mg/L	Y 371.029
Mg 280.270	7.24308	mg/L	0.044709	0.6	505591	72.4308 mg/L	Y 371.029
Mg 285.213	7.27810	mg/L	0.010402	0.1	193917	72.7810 mg/L	Y 371.029
Mn 257.610	6.99865	mg/L	0.056015	0.8	756902	69.9865 mg/L	Y 371.029
Mn 259.372	7.00327	mg/L	0.070185	1.0	581761	70.0327 mg/L	Y 371.029
Mn 260.568	7.14908	mg/L	0.066787	0.9	102323	71.4908 mg/L	Y 371.029
Mo 202.032	0.008153	mg/L	0.000959	11.8	6.56688	0.081530 mg/L	Y 371.029
Mo 203.846	0.006168	mg/L	0.001254	20.3	5.01777	0.061682 mg/L	Y 371.029
Mo 204.598	0.006521	mg/L	0.000394	6.0	5.94410	0.065208 mg/L	Y 371.029
Na 568.821	3.40709	mg/L	0.006869	0.2	705.219	34.0709 mg/L	Y 371.029
Na 588.995	3.73597	mg/L	0.008596	0.2	1620620	37.3597 mg/L	Y 371.029
Na 589.592	3.30642	mg/L	0.008194	0.2	797163	33.0642 mg/L	Y 371.029
Ni 216.555	-0.035348	mg/L	0.000691	2.0	30.8201	-0.353477 mg/L	Y 371.029
Ni 221.648	-0.041159uv	mg/L	0.000787	1.9	1.98884	-0.411589 mg/L	Y 371.029
Ni 231.604	-0.040520uv	mg/L	0.000967	2.4	3.13915	-0.405202 mg/L	Y 371.029
P 177.434	0.066321	mg/L	0.002653	4.0	9.32157	0.663206 mg/L	Y 371.029
P 213.618	0.052785	mg/L	0.003339	6.3	23.5647	0.527849 mg/L	Y 371.029
P 214.914	0.084543	mg/L	0.000913	1.1	13.5041	0.845434 mg/L	Y 371.029
Pb 220.353	-0.000184uv	mg/L	0.000885	482.1	2.82070	-0.001835 mg/L	Y 371.029
Pb 261.417	-0.004775	mg/L	0.000511	10.7	0.510580	-0.047752 mg/L	Y 371.029
Pb 405.781	-0.028801uv	mg/L	0.004716	16.4	35.3455	-0.288010 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.003333uv	mg/L	0.001603	48.1	4.55072	-0.033328 mg/L	Y 371.029
Sb 231.146	0.005377uv	mg/L	0.007145	132.9	5.27903	0.053769 mg/L	Y 371.029
Sb 259.804	-0.144060	mg/L	0.029084	20.2	10.0244	-1.44060 mg/L	Y 371.029
Se 196.026	-0.002448uv	mg/L	0.003182	130.0	1.74315	-0.024481 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.009472	87.2	1.91802	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.018026	0.7	2475.57	uncal mg/L	Y 371.029
Si 251.611	2.52316	mg/L	0.008193	0.3	2748.39	25.2316 mg/L	Y 371.029
Si 288.158	2.37260	mg/L	0.025439	1.1	14594.2	23.7260 mg/L	Y 371.029
Sn 189.927	-0.000607uv	mg/L	0.002643	435.3	2.22571	-0.006071 mg/L	Y 371.029
Sn 283.998	-0.003723	mg/L	0.002042	54.8	7.93083	-0.037230 mg/L	Y 371.029
Sr 216.596	0.019656	mg/L	0.000299	1.5	153.705	0.196563 mg/L	Y 371.029
Sr 407.771	0.018406	mg/L	0.000238	1.3	55379.5	0.184059 mg/L	Y 371.029
Sr 421.552	0.018587	mg/L	0.000196	1.1	36324.3	0.185872 mg/L	Y 371.029
Ti 334.941	-0.002419	mg/L	0.000066	2.7	70.4915	-0.024195 mg/L	Y 371.029
Ti 336.122	-0.002418uv	mg/L	0.000057	2.4	21.5377	-0.024177 mg/L	Y 371.029
Ti 337.280	-0.002034	mg/L	0.000123	6.1	17.1344	-0.020344 mg/L	Y 371.029
Tl 190.794	-0.005108	mg/L	0.002333	45.7	2.67368	-0.051083 mg/L	Y 371.029
Tl 190.807	0.000537uv	mg/L	0.000825	153.4	0.363487	0.005375 mg/L	Y 371.029
Tl 351.923	0.003831uv	mg/L	0.001479	38.6	6.93386	0.038315 mg/L	Y 371.029
V 268.796	-0.005315uv	mg/L	0.000610	11.5	21.3651	-0.053154 mg/L	Y 371.029
V 292.401	-0.006230	mg/L	0.000196	3.1	66.2566	-0.062300 mg/L	Y 371.029
V 311.837	-0.006421	mg/L	0.000065	1.0	3.06252	-0.064213 mg/L	Y 371.029
Zn 202.548	0.001794	mg/L	0.000732	40.8	284.311	0.017941 mg/L	Y 371.029
Zn 206.200	0.002326	mg/L	0.000147	6.3	95.9055	0.023255 mg/L	Y 371.029
Zn 213.857	0.001030	mg/L	0.000416	40.4	858.048	0.010296 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.854630	6853.09	31.496	0.5
Y 371.029	1.00730	166110	465.704	0.3

11C1255-39 (Samp) **3/29/2011, 5:30:24 PM** **Rack 3, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000584	mg/L	0.000150	25.7	135.120	-0.000584 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000393	30.7	1.91284	uncal mg/L	Y 371.029
Al 237.312	0.971546	mg/L	0.004893	0.5	1190.13	0.971546 mg/L	Y 371.029
Al 257.509	0.979079	mg/L	0.010149	1.0	531.425	0.979079 mg/L	Y 371.029
Al 308.215	1.01136	mg/L	0.001209	0.1	5995.61	1.01136 mg/L	Y 371.029
As 188.980	0.005634uv	mg/L	0.005732	101.7	3.03220	0.005634 mg/L	Y 371.029
As 193.696	0.002674uv	mg/L	0.001314	49.1	2.13500	0.002674 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.000227	6.8	7.70278	uncal mg/L	Y 371.029
B 182.577	0.072851	mg/L	0.002765	3.8	28.6917	0.072851 mg/L	Y 371.029
B 249.678	0.044419	mg/L	0.000324	0.7	359.841	0.044419 mg/L	Y 371.029
B 249.772	0.043787	mg/L	0.000384	0.9	694.789	0.043787 mg/L	Y 371.029
Ba 233.527	0.021664	mg/L	0.000047	0.2	762.591	0.021664 mg/L	Y 371.029
Ba 455.403	0.021029	mg/L	0.000079	0.4	25169.9	0.021029 mg/L	Y 371.029
Ba 493.408	0.021188	mg/L	0.000053	0.2	16299.0	0.021188 mg/L	Y 371.029
Be 234.861	0.003059	mg/L	0.000049	1.6	243.063	0.003059 mg/L	Y 371.029
Be 313.042	0.003319	mg/L	0.000005	0.1	4946.37	0.003319 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.003443	mg/L	0.000007	0.2	2122.80	0.003443 mg/L	Y 371.029
Ca 393.366	10.7827n	mg/L	0.019549	0.2	11964597	10.7827 mg/L	Y 371.029
Ca 396.847	10.6470	mg/L	0.012730	0.1	22136266	10.6470 mg/L	Y 371.029
Ca 430.253	12.1340	mg/L	0.111010	0.9	41958.2	12.1340 mg/L	Y 371.029
Cd 214.439	0.001237	mg/L	0.000108	8.7	15.1473	0.001237 mg/L	Y 371.029
Cd 226.502	0.001510	mg/L	0.000132	8.7	46.4360	0.001510 mg/L	Y 371.029
Cd 228.802	0.000906	mg/L	0.000146	16.1	18.1650	0.000906 mg/L	Y 371.029
Co 228.615	0.111669	mg/L	0.000715	0.6	647.791	0.111669 mg/L	Y 371.029
Co 230.786	0.113007	mg/L	0.000405	0.4	471.598	0.113007 mg/L	Y 371.029
Co 238.892	0.104552	mg/L	0.001670	1.6	412.339	0.104552 mg/L	Y 371.029
Cr 205.560	-0.000325	mg/L	0.000112	34.4	4.41660	-0.000325 mg/L	Y 371.029
Cr 206.158	-0.000348	mg/L	0.000664	191.0	2.32507	-0.000348 mg/L	Y 371.029
Cr 267.716	-0.000175	mg/L	0.000175	100.0	25.1177	-0.000175 mg/L	Y 371.029
Cu 213.598	0.001721	mg/L	0.000445	25.9	8.85496	0.001721 mg/L	Y 371.029
Cu 324.754	0.001308uv	mg/L	0.000388	29.7	472.840	0.001308 mg/L	Y 371.029
Cu 327.395	0.000106	mg/L	0.000229	216.1	73.4846	0.000106 mg/L	Y 371.029
Fe 234.350	3.40011	mg/L	0.008114	0.2	21427.3	3.40011 mg/L	Y 371.029
Fe 238.204	2.64153	mg/L	0.013221	0.5	44570.5	2.64153 mg/L	Y 371.029
Fe 259.940	3.01813	mg/L	0.008846	0.3	40170.5	3.01813 mg/L	Y 371.029
Ga 287.423	0.000756	mg/L	0.001937	256.1	44.9613	0.000756 mg/L	Y 371.029
Ga 294.363	0.000330	mg/L	0.000397	120.4	12.8232	0.000330 mg/L	Y 371.029
Ga 417.204	0.000029	mg/L	0.000015	50.7	56.2693	0.000029 mg/L	Y 371.029
K 766.491	0.474898	mg/L	0.001859	0.4	26889.4	0.474898 mg/L	Y 371.029
K 769.897	0.458203	mg/L	0.000482	0.1	25481.6	0.458203 mg/L	Y 371.029
Li 610.365	0.025641	mg/L	0.000799	3.1	660.021	0.025641 mg/L	Y 371.029
Li 670.783	0.026811	mg/L	0.000018	0.1	98122.4	0.026811 mg/L	Y 371.029
Mg 279.078	29.9578	mg/L	0.060860	0.2	29841.2	29.9578 mg/L	Y 371.029
Mg 280.270	27.0724	mg/L	0.115491	0.4	1888630	27.0724 mg/L	Y 371.029
Mg 285.213	29.8188	mg/L	0.157263	0.5	794101	29.8188 mg/L	Y 371.029
Mn 257.610	0.303002	mg/L	0.000842	0.3	33014.1	0.303002 mg/L	Y 371.029
Mn 259.372	0.300906	mg/L	0.000981	0.3	25264.3	0.300906 mg/L	Y 371.029
Mn 260.568	0.308515	mg/L	0.001359	0.4	4509.48	0.308515 mg/L	Y 371.029
Mo 202.032	-0.030103	mg/L	0.000847	2.8	9.18025	-0.030103 mg/L	Y 371.029
Mo 203.846	-0.030945	mg/L	0.002485	8.0	5.39367	-0.030945 mg/L	Y 371.029
Mo 204.598	-0.033385	mg/L	0.000503	1.5	3.75680	-0.033385 mg/L	Y 371.029
Na 568.821	60.4850	mg/L	0.129535	0.2	15382.6	60.4850 mg/L	Y 371.029
Na 588.995	54.4408	mg/L	0.037477	0.1	20803128	54.4408 mg/L	Y 371.029
Na 589.592	62.0423	mg/L	0.076069	0.1	12432624	62.0423 mg/L	Y 371.029
Ni 216.555	0.197116	mg/L	0.000371	0.2	587.397	0.197116 mg/L	Y 371.029
Ni 221.648	0.193426	mg/L	0.001675	0.9	234.794	0.193426 mg/L	Y 371.029
Ni 231.604	0.198533	mg/L	0.000604	0.3	428.547	0.198533 mg/L	Y 371.029
P 177.434	0.011023	mg/L	0.004187	38.0	3.04665	0.011023 mg/L	Y 371.029
P 213.618	0.000533	mg/L	0.001962	368.4	3.75819	0.000533 mg/L	Y 371.029
P 214.914	0.022376	mg/L	0.019217	85.9	4.05505	0.022376 mg/L	Y 371.029
Pb 220.353	-0.001093uv	mg/L	0.001610	147.3	2.50048	-0.001093 mg/L	Y 371.029
Pb 261.417	-0.007822	mg/L	0.001145	14.6	1.09816	-0.007822 mg/L	Y 371.029
Pb 405.781	0.014846	mg/L	0.002304	15.5	70.4199	0.014846 mg/L	Y 371.029
Sb 206.834	-0.007831uv	mg/L	0.002858	36.5	3.19826	-0.007831 mg/L	Y 371.029
Sb 231.146	0.002078uv	mg/L	0.005313	255.7	3.83227	0.002078 mg/L	Y 371.029
Sb 259.804	0.021652	mg/L	0.026542	122.6	10.9434	0.021652 mg/L	Y 371.029
Se 196.026	0.005104	mg/L	0.002333	45.7	2.88382	0.005104 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	uncal	mg/L	0.007976	48.5	1.65626	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.086995	0.6	13366.4	uncal mg/L	Y 371.029
Si 251.611	13.9591	mg/L	0.100657	0.7	14811.5	13.9591 mg/L	Y 371.029
Si 288.158	13.1719	mg/L	0.139300	1.1	76521.9	13.1719 mg/L	Y 371.029
Sn 189.927	-0.001316uv	mg/L	0.001272	96.7	2.12135	-0.001316 mg/L	Y 371.029
Sn 283.998	-0.001166	mg/L	0.002578	221.1	7.95660	-0.001166 mg/L	Y 371.029
Sr 216.596	0.076364	mg/L	0.000484	0.6	376.487	0.076364 mg/L	Y 371.029
Sr 407.771	0.072779	mg/L	0.000192	0.3	202250	0.072779 mg/L	Y 371.029
Sr 421.552	0.073653	mg/L	0.000239	0.3	132802	0.073653 mg/L	Y 371.029
Ti 334.941	0.000584	mg/L	0.000158	27.0	226.361	0.000584 mg/L	Y 371.029
Ti 336.122	0.000299	mg/L	0.000014	4.8	67.4674	0.000299 mg/L	Y 371.029
Ti 337.280	0.001087	mg/L	0.000232	21.3	48.9929	0.001087 mg/L	Y 371.029
Tl 190.794	0.004774	mg/L	0.001979	41.4	2.32750	0.004774 mg/L	Y 371.029
Tl 190.807	-0.000901uv	mg/L	0.003432	380.7	0.971544	-0.000901 mg/L	Y 371.029
Tl 351.923	0.003526	mg/L	0.000113	3.2	6.93794	0.003526 mg/L	Y 371.029
V 268.796	-0.004443	mg/L	0.000310	7.0	23.6224	-0.004443 mg/L	Y 371.029
V 292.401	0.000062	mg/L	0.000053	86.0	33.5244	0.000062 mg/L	Y 371.029
V 311.837	0.000305	mg/L	0.000031	10.2	11.0039	0.000305 mg/L	Y 371.029
Zn 202.548	0.330675	mg/L	0.001870	0.6	1524.15	0.330675 mg/L	Y 371.029
Zn 206.200	0.342287	mg/L	0.003457	1.0	527.117	0.342287 mg/L	Y 371.029
Zn 213.857	0.326369	mg/L	0.001010	0.3	4421.37	0.326369 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.862449	6915.79	1.942	0.0
Y 371.029	1.00731	166112	581.809	0.4

SEQ-CCV6 (Samp) **3/29/2011, 5:34:23 PM** **Rack 3, Tube 8**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.097695	mg/L	0.000133	0.1	4411.86	0.097695 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001175	1.2	257.348	uncal mg/L	Y 371.029
Al 237.312	2.47529	mg/L	0.018409	0.7	2945.53	2.47529 mg/L	Y 371.029
Al 257.509	2.46100	mg/L	0.010962	0.4	1297.38	2.46100 mg/L	Y 371.029
Al 308.215	2.48597	mg/L	0.002105	0.1	13626.2	2.48597 mg/L	Y 371.029
As 188.980	0.501295	mg/L	0.007172	1.4	106.869	0.501295 mg/L	Y 371.029
As 193.696	0.497655	mg/L	0.002606	0.5	131.624	0.497655 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005746	0.8	641.473	uncal mg/L	Y 371.029
B 182.577	0.476905	mg/L	0.001974	0.4	168.567	0.476905 mg/L	Y 371.029
B 249.678	0.486869	mg/L	0.001851	0.4	3638.00	0.486869 mg/L	Y 371.029
B 249.772	0.482146	mg/L	0.001836	0.4	6886.14	0.482146 mg/L	Y 371.029
Ba 233.527	0.508747	mg/L	0.000822	0.2	14573.6	0.508747 mg/L	Y 371.029
Ba 455.403	0.485869	mg/L	0.001690	0.3	472758	0.485869 mg/L	Y 371.029
Ba 493.408	0.501448	mg/L	0.001622	0.3	311997	0.501448 mg/L	Y 371.029
Be 234.861	0.518953	mg/L	0.002996	0.6	42857.3	0.518953 mg/L	Y 371.029
Be 313.042	0.512061	mg/L	0.003323	0.6	643804	0.512061 mg/L	Y 371.029
Be 313.107	0.513403	mg/L	0.004307	0.8	318353	0.513403 mg/L	Y 371.029
Ca 393.366	4.87995n	mg/L	0.007388	0.2	5421993	4.87995 mg/L	Y 371.029
Ca 396.847	4.51987	mg/L	0.010389	0.2	9411507	4.51987 mg/L	Y 371.029
Ca 430.253	4.76846	mg/L	0.022634	0.5	16674.5	4.76846 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.264688	mg/L	0.001118	0.4	2437.46	0.264688 mg/L	Y 371.029
Cd 226.502	0.261070	mg/L	0.001079	0.4	5425.60	0.261070 mg/L	Y 371.029
Cd 228.802	0.254267	mg/L	0.000701	0.3	2575.57	0.254267 mg/L	Y 371.029
Co 228.615	0.514121	mg/L	0.001867	0.4	2951.95	0.514121 mg/L	Y 371.029
Co 230.786	0.514877	mg/L	0.001780	0.3	2112.94	0.514877 mg/L	Y 371.029
Co 238.892	0.514201	mg/L	0.001271	0.2	2058.68	0.514201 mg/L	Y 371.029
Cr 205.560	0.514266	mg/L	0.002863	0.6	1429.22	0.514266 mg/L	Y 371.029
Cr 206.158	0.510662	mg/L	0.004358	0.9	590.577	0.510662 mg/L	Y 371.029
Cr 267.716	0.510207	mg/L	0.003859	0.8	7892.35	0.510207 mg/L	Y 371.029
Cu 213.598	0.523857	mg/L	0.002529	0.5	1040.10	0.523857 mg/L	Y 371.029
Cu 324.754	0.489009	mg/L	0.002329	0.5	15800.9	0.489009 mg/L	Y 371.029
Cu 327.395	0.486768	mg/L	0.002592	0.5	20695.1	0.486768 mg/L	Y 371.029
Fe 234.350	0.503268	mg/L	0.002575	0.5	3301.03	0.503268 mg/L	Y 371.029
Fe 238.204	0.388327	mg/L	0.000696	0.2	6763.27	0.388327 mg/L	Y 371.029
Fe 259.940	0.443120	mg/L	0.001271	0.3	6077.00	0.443120 mg/L	Y 371.029
Ga 287.423	0.504102	mg/L	0.004317	0.9	939.738	0.504102 mg/L	Y 371.029
Ga 294.363	0.496453	mg/L	0.001404	0.3	2574.74	0.496453 mg/L	Y 371.029
Ga 417.204	0.491827	mg/L	0.001838	0.4	4044.05	0.491827 mg/L	Y 371.029
K 766.491	4.94991	mg/L	0.027303	0.6	264238	4.94991 mg/L	Y 371.029
K 769.897	4.86716	mg/L	0.027692	0.6	220475	4.86716 mg/L	Y 371.029
Li 610.365	1.02219	mg/L	0.001549	0.2	33456.7	1.02219 mg/L	Y 371.029
Li 670.783	1.02762	mg/L	0.002582	0.3	2281944	1.02762 mg/L	Y 371.029
Mg 279.078	5.09843	mg/L	0.013013	0.3	5083.29	5.09843 mg/L	Y 371.029
Mg 280.270	5.31415	mg/L	0.044552	0.8	370988	5.31415 mg/L	Y 371.029
Mg 285.213	5.32041	mg/L	0.097302	1.8	141767	5.32041 mg/L	Y 371.029
Mn 257.610	0.508607	mg/L	0.000860	0.2	55615.4	0.508607 mg/L	Y 371.029
Mn 259.372	0.513318	mg/L	0.002674	0.5	42702.8	0.513318 mg/L	Y 371.029
Mn 260.568	0.511102	mg/L	0.000848	0.2	7344.79	0.511102 mg/L	Y 371.029
Mo 202.032	1.07147	mg/L	0.012963	1.2	2867.29	1.07147 mg/L	Y 371.029
Mo 203.846	1.06521	mg/L	0.011777	1.1	1204.78	1.06521 mg/L	Y 371.029
Mo 204.598	1.08374	mg/L	0.014673	1.4	1402.87	1.08374 mg/L	Y 371.029
Na 568.821	4.76718	mg/L	0.035526	0.7	1056.87	4.76718 mg/L	Y 371.029
Na 588.995	5.49262	mg/L	0.017076	0.3	2283367	5.49262 mg/L	Y 371.029
Na 589.592	5.04910	mg/L	0.021629	0.4	1141153	5.04910 mg/L	Y 371.029
Ni 216.555	1.03538	mg/L	0.006924	0.7	3042.94	1.03538 mg/L	Y 371.029
Ni 221.648	1.03096	mg/L	0.001567	0.2	1229.05	1.03096 mg/L	Y 371.029
Ni 231.604	1.03232	mg/L	0.002205	0.2	2184.71	1.03232 mg/L	Y 371.029
P 177.434	0.493950	mg/L	0.009881	2.0	50.8439	0.493950 mg/L	Y 371.029
P 213.618	0.530423	mg/L	0.009146	1.7	193.001	0.530423 mg/L	Y 371.029
P 214.914	0.506784	mg/L	0.009983	2.0	53.5801	0.506784 mg/L	Y 371.029
Pb 220.353	1.01747	mg/L	0.004489	0.4	668.050	1.01747 mg/L	Y 371.029
Pb 261.417	0.985694	mg/L	0.003906	0.4	408.018	0.985694 mg/L	Y 371.029
Pb 405.781	0.989324	mg/L	0.004296	0.4	1177.84	0.989324 mg/L	Y 371.029
Sb 206.834	0.940680	mg/L	0.004471	0.5	440.186	0.940680 mg/L	Y 371.029
Sb 231.146	0.944346	mg/L	0.002937	0.3	367.799	0.944346 mg/L	Y 371.029
Sb 259.804	0.994923	mg/L	0.005365	0.5	285.670	0.994923 mg/L	Y 371.029
Se 196.026	1.02450	mg/L	0.008696	0.8	181.950	1.02450 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.011991	1.2	106.963	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.006130	0.6	1097.74	uncal mg/L	Y 371.029
Si 251.611	1.07608	mg/L	0.001289	0.1	1225.37	1.07608 mg/L	Y 371.029
Si 288.158	1.01873	mg/L	0.004338	0.4	6834.16	1.01873 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	1.02847	mg/L	0.007121	0.7	184.491	1.02847 mg/L	Y 371.029
Sn 283.998	0.964582	mg/L	0.003351	0.3	1446.88	0.964582 mg/L	Y 371.029
Sr 216.596	0.516323	mg/L	0.003191	0.6	2471.97	0.516323 mg/L	Y 371.029
Sr 407.771	0.483630	mg/L	0.001721	0.4	1308179	0.483630 mg/L	Y 371.029
Sr 421.552	0.490380	mg/L	0.004367	0.9	860901	0.490380 mg/L	Y 371.029
Ti 334.941	0.498599	mg/L	0.001832	0.4	100141	0.498599 mg/L	Y 371.029
Ti 336.122	0.502238	mg/L	0.004563	0.9	42398.6	0.502238 mg/L	Y 371.029
Ti 337.280	0.501509	mg/L	0.002715	0.5	14378.3	0.501509 mg/L	Y 371.029
Tl 190.794	0.508594	mg/L	0.004780	0.9	121.783	0.508594 mg/L	Y 371.029
Tl 190.807	0.508097	mg/L	0.006044	1.2	62.6589	0.508097 mg/L	Y 371.029
Tl 351.923	0.504287	mg/L	0.002945	0.6	720.563	0.504287 mg/L	Y 371.029
V 268.796	0.508423	mg/L	0.001549	0.3	4281.13	0.508423 mg/L	Y 371.029
V 292.401	0.503174	mg/L	0.002609	0.5	12279.1	0.503174 mg/L	Y 371.029
V 311.837	0.504537	mg/L	0.000472	0.1	17834.6	0.504537 mg/L	Y 371.029
Zn 202.548	0.535803	mg/L	0.004132	0.8	2269.95	0.535803 mg/L	Y 371.029
Zn 206.200	0.537497	mg/L	0.000837	0.2	760.703	0.537497 mg/L	Y 371.029
Zn 213.857	0.512011	mg/L	0.000852	0.2	6385.13	0.512011 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.855210	6857.75	19.438	0.3
Y 371.029	1.00040	164974	953.738	0.6

SEQ-CCB6 (Samp) **3/29/2011, 5:38:37 PM** **Rack 3, Tube 9**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000817	mg/L	0.000191	23.4	130.561	0.000817 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000257	17.4	2.35249	uncal mg/L	Y 371.029
Al 237.312	-0.001486uv	mg/L	0.001253	84.3	40.6174	-0.001486 mg/L	Y 371.029
Al 257.509	0.004971	mg/L	0.003574	71.9	17.0843	0.004971 mg/L	Y 371.029
Al 308.215	-0.005389uv	mg/L	0.000655	12.2	866.597	-0.005389 mg/L	Y 371.029
As 188.980	0.009407	mg/L	0.006103	64.9	4.69547	0.009407 mg/L	Y 371.029
As 193.696	-0.000793uv	mg/L	0.004502	567.7	1.92478	-0.000793 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001968	243.8	7.01399	uncal mg/L	Y 371.029
B 182.577	0.004167	mg/L	0.000891	21.4	4.72615	0.004167 mg/L	Y 371.029
B 249.678	0.005636	mg/L	0.001355	24.0	61.4165	0.005636 mg/L	Y 371.029
B 249.772	0.005536	mg/L	0.001288	23.3	113.922	0.005536 mg/L	Y 371.029
Ba 233.527	0.000089	mg/L	0.000050	56.3	134.333	0.000089 mg/L	Y 371.029
Ba 455.403	-0.000157uv	mg/L	0.000008	5.4	4412.17	-0.000157 mg/L	Y 371.029
Ba 493.408	-0.000164uv	mg/L	0.000013	7.7	2855.23	-0.000164 mg/L	Y 371.029
Be 234.861	0.000009uv	mg/L	0.000014	152.4	-0.528513	0.000009 mg/L	Y 371.029
Be 313.042	-0.000092uv	mg/L	0.000002	2.5	663.651	-0.000092 mg/L	Y 371.029
Be 313.107	0.000036	mg/L	0.000008	21.3	2.82685	0.000036 mg/L	Y 371.029
Ca 393.366	-0.000252nuv	mg/L	0.000018	7.0	15635.0	-0.000252 mg/L	Y 371.029
Ca 396.847	-0.000420uv	mg/L	0.000006	1.3	26081.6	-0.000420 mg/L	Y 371.029
Ca 430.253	0.007195	mg/L	0.001680	23.4	397.553	0.007195 mg/L	Y 371.029
Cd 214.439	-0.000112uv	mg/L	0.000118	105.1	2.64459	-0.000112 mg/L	Y 371.029
Cd 226.502	-0.000009uv	mg/L	0.000017	198.2	10.0855	-0.000009 mg/L	Y 371.029
Cd 228.802	-0.000018uv	mg/L	0.000046	247.0	9.42427	-0.000018 mg/L	Y 371.029
Co 228.615	-0.000190uv	mg/L	0.000107	56.4	0.900697	-0.000190 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	-0.000042uv	mg/L	0.000415	981.0	2.92456	-0.000042 mg/L	Y 371.029
Co 238.892	-0.000260uv	mg/L	0.000319	122.5	1.63859	-0.000260 mg/L	Y 371.029
Cr 205.560	0.000465	mg/L	0.000164	35.3	3.97830	0.000465 mg/L	Y 371.029
Cr 206.158	-0.000304uv	mg/L	0.000118	38.9	1.10677	-0.000304 mg/L	Y 371.029
Cr 267.716	0.000168uv	mg/L	0.000236	140.2	15.8070	0.000168 mg/L	Y 371.029
Cu 213.598	0.000349	mg/L	0.000351	100.5	0.906253	0.000349 mg/L	Y 371.029
Cu 324.754	-0.001242uv	mg/L	0.000190	15.3	436.212	-0.001242 mg/L	Y 371.029
Cu 327.395	0.000004uv	mg/L	0.000126	3317.8	15.8754	0.000004 mg/L	Y 371.029
Fe 234.350	0.002541	mg/L	0.001022	40.2	33.5679	0.002541 mg/L	Y 371.029
Fe 238.204	0.001562	mg/L	0.000705	45.1	50.0023	0.001562 mg/L	Y 371.029
Fe 259.940	0.001034	mg/L	0.000781	75.5	52.9512	0.001034 mg/L	Y 371.029
Ga 287.423	-0.001090uv	mg/L	0.001357	124.6	4.06755	-0.001090 mg/L	Y 371.029
Ga 294.363	0.001326	mg/L	0.000720	54.3	13.1338	0.001326 mg/L	Y 371.029
Ga 417.204	0.001047	mg/L	0.000668	63.8	56.6924	0.001047 mg/L	Y 371.029
K 766.491	-0.001111uv	mg/L	0.000101	9.1	1328.73	-0.001111 mg/L	Y 371.029
K 769.897	0.005215	mg/L	0.000406	7.8	4835.55	0.005215 mg/L	Y 371.029
Li 610.365	0.007642	mg/L	0.000251	3.3	67.6749	0.007642 mg/L	Y 371.029
Li 670.783	0.000227	mg/L	0.000007	3.1	37304.3	0.000227 mg/L	Y 371.029
Mg 279.078	0.001623uv	mg/L	0.003117	192.0	8.28613	0.001623 mg/L	Y 371.029
Mg 280.270	-0.000484uv	mg/L	0.000009	1.8	219.387	-0.000484 mg/L	Y 371.029
Mg 285.213	-0.000869uv	mg/L	0.000032	3.7	73.3639	-0.000869 mg/L	Y 371.029
Mn 257.610	-0.000001uv	mg/L	0.000006	475.0	5.88122	-0.000001 mg/L	Y 371.029
Mn 259.372	0.000012	mg/L	0.000008	64.6	20.5217	0.000012 mg/L	Y 371.029
Mn 260.568	-0.000076uv	mg/L	0.000054	71.4	1.69233	-0.000076 mg/L	Y 371.029
Mo 202.032	0.016816	mg/L	0.002592	15.4	47.5492	0.016816 mg/L	Y 371.029
Mo 203.846	0.016591	mg/L	0.003402	20.5	20.9302	0.016591 mg/L	Y 371.029
Mo 204.598	0.015064	mg/L	0.002582	17.1	21.4736	0.015064 mg/L	Y 371.029
Na 568.821	0.891440	mg/L	0.036986	4.1	48.4222	0.891440 mg/L	Y 371.029
Na 588.995	-0.266876uv	mg/L	0.000254	0.1	102128	-0.266876 mg/L	Y 371.029
Na 589.592	-0.455039uv	mg/L	0.000163	0.0	49348.1	-0.455039 mg/L	Y 371.029
Ni 216.555	0.000525	mg/L	0.000402	76.7	3.48453	0.000525 mg/L	Y 371.029
Ni 221.648	0.000161uv	mg/L	0.000690	429.5	1.80331	0.000161 mg/L	Y 371.029
Ni 231.604	0.000035uv	mg/L	0.000150	426.3	2.97276	0.000035 mg/L	Y 371.029
P 177.434	0.000212uv	mg/L	0.005400	2550.8	2.10949	0.000212 mg/L	Y 371.029
P 213.618	0.000872uv	mg/L	0.002099	240.7	1.81972	0.000872 mg/L	Y 371.029
P 214.914	-0.004346uv	mg/L	0.004267	98.2	1.14338	-0.004346 mg/L	Y 371.029
Pb 220.353	0.000897uv	mg/L	0.001897	211.5	3.36162	0.000897 mg/L	Y 371.029
Pb 261.417	0.007930	mg/L	0.003043	38.4	3.34214	0.007930 mg/L	Y 371.029
Pb 405.781	0.015148	mg/L	0.001087	7.2	56.0391	0.015148 mg/L	Y 371.029
Sb 206.834	0.017483	mg/L	0.005120	29.3	11.8827	0.017483 mg/L	Y 371.029
Sb 231.146	0.015303	mg/L	0.000685	4.5	8.92303	0.015303 mg/L	Y 371.029
Sb 259.804	0.019316	mg/L	0.008731	45.2	8.47043	0.019316 mg/L	Y 371.029
Se 196.026	0.011752	mg/L	0.002739	23.3	4.20305	0.011752 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.006126	32.6	2.47536	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.000829	20.2	97.7178	uncal mg/L	Y 371.029
Si 251.611	0.029177	mg/L	0.000702	2.4	106.270	0.029177 mg/L	Y 371.029
Si 288.158	0.026291	mg/L	0.000282	1.1	1140.76	0.026291 mg/L	Y 371.029
Sn 189.927	-0.000913uv	mg/L	0.001034	113.3	2.00670	-0.000913 mg/L	Y 371.029
Sn 283.998	0.003871	mg/L	0.002039	52.7	6.61483	0.003871 mg/L	Y 371.029
Sr 216.596	0.000109uv	mg/L	0.000247	227.3	9.58253	0.000109 mg/L	Y 371.029
Sr 407.771	-0.000053uv	mg/L	0.000023	43.6	5469.64	-0.000053 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	-0.000045uv	mg/L	0.000030	67.0	3525.05	-0.000045 mg/L	Y 371.029
Ti 334.941	0.000686	mg/L	0.000208	30.3	186.558	0.000686 mg/L	Y 371.029
Ti 336.122	0.000681	mg/L	0.000187	27.5	74.2100	0.000681 mg/L	Y 371.029
Ti 337.280	0.000823	mg/L	0.000139	16.9	26.0141	0.000823 mg/L	Y 371.029
Tl 190.794	0.000360uv	mg/L	0.001506	418.8	1.39512	0.000360 mg/L	Y 371.029
Tl 190.807	-0.001606uv	mg/L	0.003901	242.9	0.908722	-0.001606 mg/L	Y 371.029
Tl 351.923	0.001929	mg/L	0.000950	49.2	7.78541	0.001929 mg/L	Y 371.029
V 268.796	0.000508	mg/L	0.000397	78.1	31.7364	0.000508 mg/L	Y 371.029
V 292.401	-0.000197uv	mg/L	0.000115	58.1	10.0184	-0.000197 mg/L	Y 371.029
V 311.837	0.000672	mg/L	0.000129	19.2	7.76266	0.000672 mg/L	Y 371.029
Zn 202.548	0.003420	mg/L	0.000309	9.0	276.756	0.003420 mg/L	Y 371.029
Zn 206.200	0.002758	mg/L	0.000513	18.6	92.7565	0.002758 mg/L	Y 371.029
Zn 213.857	0.000115uv	mg/L	0.000550	480.5	771.857	0.000115 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.855043	6856.40	16.357	0.2
Y 371.029	1.01136	166781	419.762	0.3

11C1255-40 (Samp) **3/29/2011, 5:41:39 PM** **Rack 3, Tube 10**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001704b	mg/L	0.000063	3.7	139.423	-0.008521 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001093	75.7	2.70354	uncal mg/L	Y 371.029
Al 237.312	-0.006604uvb	mg/L	0.002340	35.4	29.6605	-0.033022 mg/L	Y 371.029
Al 257.509	-0.021833uvb	mg/L	0.007579	34.7	12.6115	-0.109165 mg/L	Y 371.029
Al 308.215	0.025391uvb	mg/L	0.000630	2.5	886.253	0.126955 mg/L	Y 371.029
As 188.980	0.010355uvb	mg/L	0.004309	41.6	3.52846	0.051773 mg/L	Y 371.029
As 193.696	0.005936uvb	mg/L	0.003150	53.1	2.76635	0.029682 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003628	66.0	5.86579	uncal mg/L	Y 371.029
B 182.577	0.022580b	mg/L	0.002894	12.8	11.4447	0.112902 mg/L	Y 371.029
B 249.678	0.016229b	mg/L	0.000602	3.7	162.672	0.081145 mg/L	Y 371.029
B 249.772	0.016726b	mg/L	0.000320	1.9	620.733	0.083629 mg/L	Y 371.029
Ba 233.527	0.105024b	mg/L	0.000297	0.3	3132.78	0.525121 mg/L	Y 371.029
Ba 455.403	0.101493b	mg/L	0.000146	0.1	102494	0.507465 mg/L	Y 371.029
Ba 493.408	0.103719b	mg/L	0.000135	0.1	67161.7	0.518594 mg/L	Y 371.029
Be 234.861	-0.000218uvb	mg/L	0.000080	36.7	-126.196	-0.001090 mg/L	Y 371.029
Be 313.042	-0.000061uvb	mg/L	0.000002	2.5	683.935	-0.000305 mg/L	Y 371.029
Be 313.107	0.000045b	mg/L	0.000002	5.3	15.1807	0.000226 mg/L	Y 371.029
Ca 393.366	10.1276nb	mg/L	0.017468	0.2	11241059	50.6381 mg/L	Y 371.029
Ca 396.847	9.92308b	mg/L	0.012527	0.1	20635828	49.6154 mg/L	Y 371.029
Ca 430.253	11.2653b	mg/L	0.165327	1.5	39159.2	56.3264 mg/L	Y 371.029
Cd 214.439	-0.000122b	mg/L	0.000059	48.2	4.31616	-0.000612 mg/L	Y 371.029
Cd 226.502	0.001727b	mg/L	0.000192	11.1	84.6408	0.008637 mg/L	Y 371.029
Cd 228.802	-0.000050uvb	mg/L	0.000180	360.2	6.51497	-0.000250 mg/L	Y 371.029
Co 228.615	-0.010330b	mg/L	0.000334	3.2	7.63271	-0.051651 mg/L	Y 371.029
Co 230.786	-0.009188b	mg/L	0.000281	3.1	20.8030	-0.045942 mg/L	Y 371.029
Co 238.892	-0.009190uvb	mg/L	0.008351	90.9	-155.544	-0.045948 mg/L	Y 371.029
Cr 205.560	-0.005030uvb	mg/L	0.000302	6.0	1.90986	-0.025148 mg/L	Y 371.029
Cr 206.158	-0.004982uvb	mg/L	0.000746	15.0	1.77995	-0.024909 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	-0.004627b	mg/L	0.000106	2.3	15.6390	-0.023136 mg/L	Y 371.029
Cu 213.598	0.005428b	mg/L	0.000253	4.7	43.8366	0.027140 mg/L	Y 371.029
Cu 324.754	-0.003589uvb	mg/L	0.000464	12.9	409.949	-0.017945 mg/L	Y 371.029
Cu 327.395	-0.007263uvb	mg/L	0.000148	2.0	13.9370	-0.036313 mg/L	Y 371.029
Fe 234.350	38.8574b	mg/L	0.321101	0.8	243307	194.287 mg/L	Y 371.029
Fe 238.204	29.4588b	mg/L	0.338707	1.1	493156	147.294 mg/L	Y 371.029
Fe 259.940	34.2518b	mg/L	0.337285	1.0	453587	171.259 mg/L	Y 371.029
Ga 287.423	0.045237b	mg/L	0.002577	5.7	492.925	0.226185 mg/L	Y 371.029
Ga 294.363	-0.000948b	mg/L	0.001023	107.9	25.6318	-0.004742 mg/L	Y 371.029
Ga 417.204	0.000970b	mg/L	0.001000	103.1	127.689	0.004849 mg/L	Y 371.029
K 766.491	1.09023b	mg/L	0.001663	0.2	59748.8	5.45114 mg/L	Y 371.029
K 769.897	1.04107b	mg/L	0.001891	0.2	51805.4	5.20535 mg/L	Y 371.029
Li 610.365	0.010204b	mg/L	0.000175	1.7	151.996	0.051020 mg/L	Y 371.029
Li 670.783	0.006178b	mg/L	0.000049	0.8	53747.6	0.030888 mg/L	Y 371.029
Mg 279.078	18.9361b	mg/L	0.053022	0.3	18868.5	94.6804 mg/L	Y 371.029
Mg 280.270	18.1962b	mg/L	0.091616	0.5	1269633	90.9810 mg/L	Y 371.029
Mg 285.213	19.6642b	mg/L	0.006035	0.0	523709	98.3211 mg/L	Y 371.029
Mn 257.610	1.76890b	mg/L	0.013291	0.8	191383	8.84449 mg/L	Y 371.029
Mn 259.372	1.75950b	mg/L	0.015841	0.9	148325	8.79748 mg/L	Y 371.029
Mn 260.568	1.78314b	mg/L	0.009102	0.5	25585.0	8.91568 mg/L	Y 371.029
Mo 202.032	-0.049548b	mg/L	0.002231	4.5	20.7295	-0.247740 mg/L	Y 371.029
Mo 203.846	-0.052252b	mg/L	0.000645	1.2	11.0231	-0.261259 mg/L	Y 371.029
Mo 204.598	-0.054113b	mg/L	0.001325	2.4	11.3592	-0.270567 mg/L	Y 371.029
Na 568.821	109.925b	mg/L	0.141175	0.1	28090.3	549.625 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.292570	0.4	29017046	- mg/L	Y 371.029
Na 589.592	101.679b	mg/L	0.259900	0.3	20286352	508.397 mg/L	Y 371.029
Ni 216.555	-0.019849b	mg/L	0.000306	1.5	16.8708	-0.099245 mg/L	Y 371.029
Ni 221.648	-0.021799b	mg/L	0.001231	5.6	4.07729	-0.108996 mg/L	Y 371.029
Ni 231.604	-0.021529b	mg/L	0.000244	1.1	6.22230	-0.107646 mg/L	Y 371.029
P 177.434	0.107434b	mg/L	0.002387	2.2	12.8443	0.537171 mg/L	Y 371.029
P 213.618	0.094464b	mg/L	0.002586	2.7	39.5337	0.472320 mg/L	Y 371.029
P 214.914	0.117924b	mg/L	0.008715	7.4	15.1338	0.589620 mg/L	Y 371.029
Pb 220.353	-0.001558uvb	mg/L	0.000941	60.4	2.31949	-0.007789 mg/L	Y 371.029
Pb 261.417	-0.016254uvb	mg/L	0.006579	40.5	1.83733	-0.081269 mg/L	Y 371.029
Pb 405.781	-0.009910b	mg/L	0.005477	55.3	51.1788	-0.049552 mg/L	Y 371.029
Sb 206.834	0.000008b	mg/L	0.002442	29671.6	9.43693	0.000041 mg/L	Y 371.029
Sb 231.146	0.012960b	mg/L	0.002053	15.8	5.56450	0.064802 mg/L	Y 371.029
Sb 259.804	-0.037367uvb	mg/L	0.052040	139.3	18.8071	-0.186837 mg/L	Y 371.029
Se 196.026	0.009134b	mg/L	0.005327	58.3	3.17324	0.045668 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.005535	30.6	1.44092	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.006211	0.1	5095.94	uncal mg/L	Y 371.029
Si 251.611	5.28742b	mg/L	0.014031	0.3	5673.44	26.4371 mg/L	Y 371.029
Si 288.158	4.99764b	mg/L	0.007315	0.1	29663.2	24.9882 mg/L	Y 371.029
Sn 189.927	-0.003780uvb	mg/L	0.002704	71.5	1.90240	-0.018902 mg/L	Y 371.029
Sn 283.998	-0.003589b	mg/L	0.000621	17.3	9.66841	-0.017944 mg/L	Y 371.029
Sr 216.596	0.109737b	mg/L	0.000376	0.3	561.199	0.548684 mg/L	Y 371.029
Sr 407.771	0.104845b	mg/L	0.000634	0.6	288601	0.524223 mg/L	Y 371.029
Sr 421.552	0.106201b	mg/L	0.000866	0.8	189750	0.531006 mg/L	Y 371.029
Ti 334.941	-0.001153b	mg/L	0.000073	6.3	105.500	-0.005767 mg/L	Y 371.029
Ti 336.122	-0.001420uvb	mg/L	0.000031	2.2	17.2817	-0.007099 mg/L	Y 371.029
Ti 337.280	-0.001122b	mg/L	0.000146	13.0	19.7002	-0.005610 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.000267uvb	mg/L	0.002654	995.6	1.69619	0.001333 mg/L	Y 371.029
Tl 190.807	-0.002214uvb	mg/L	0.006065	273.9	0.897494	-0.011071 mg/L	Y 371.029
Tl 351.923	0.005108uvb	mg/L	0.002420	47.4	5.63671	0.025541 mg/L	Y 371.029
V 268.796	-0.010594b	mg/L	0.000509	4.8	28.5393	-0.052970 mg/L	Y 371.029
V 292.401	-0.003707b	mg/L	0.000125	3.4	43.8740	-0.018536 mg/L	Y 371.029
V 311.837	-0.003305b	mg/L	0.000064	1.9	7.96034	-0.016525 mg/L	Y 371.029
Zn 202.548	-0.010737b	mg/L	0.000174	1.6	276.031	-0.053686 mg/L	Y 371.029
Zn 206.200	-0.008987b	mg/L	0.000495	5.5	95.3628	-0.044935 mg/L	Y 371.029
Zn 213.857	-0.009813b	mg/L	0.000416	4.2	839.536	-0.049065 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.850238	6817.87	21.336	0.3
Y 371.029	0.995507	164166	924.149	0.6

11C1255-41 (Samp) **3/29/2011, 5:45:52 PM** **Rack 3, Tube 11**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000512	mg/L	0.000046	9.0	131.251	-0.002560 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000437	24.5	3.17767	uncal mg/L	Y 371.029
Al 237.312	0.055684	mg/L	0.002054	3.7	111.907	0.278419 mg/L	Y 371.029
Al 257.509	0.057868	mg/L	0.003334	5.8	47.1427	0.289341 mg/L	Y 371.029
Al 308.215	0.062848	mg/L	0.001128	1.8	1170.01	0.314241 mg/L	Y 371.029
As 188.980	0.004604	mg/L	0.000796	17.3	3.26570	0.023020 mg/L	Y 371.029
As 193.696	0.006023	mg/L	0.001552	25.8	3.28341	0.030117 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001268	3133.7	6.41572	uncal mg/L	Y 371.029
B 182.577	0.099917	mg/L	0.001646	1.6	38.2089	0.499584 mg/L	Y 371.029
B 249.678	0.088134	mg/L	0.000994	1.1	684.410	0.440671 mg/L	Y 371.029
B 249.772	0.088285	mg/L	0.001458	1.7	1300.38	0.441427 mg/L	Y 371.029
Ba 233.527	0.006779	mg/L	0.000064	0.9	336.206	0.033894 mg/L	Y 371.029
Ba 455.403	0.006537	mg/L	0.000012	0.2	11151.4	0.032686 mg/L	Y 371.029
Ba 493.408	0.006575	mg/L	0.000016	0.2	7210.69	0.032874 mg/L	Y 371.029
Be 234.861	0.000030	mg/L	0.000007	22.9	1.08949	0.000151 mg/L	Y 371.029
Be 313.042	-0.000080uv	mg/L	0.000004	5.4	667.964	-0.000401 mg/L	Y 371.029
Be 313.107	0.000035	mg/L	0.000009	26.5	3.64655	0.000174 mg/L	Y 371.029
Ca 393.366	21.3602n	mg/L	0.040594	0.2	23668654	106.801 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.069759	0.4	37324056	- mg/L	Y 371.029
Ca 430.253	31.6112	mg/L	0.022258	0.1	108278	158.056 mg/L	Y 371.029
Cd 214.439	-0.000175uv	mg/L	0.000168	95.9	2.07966	-0.000875 mg/L	Y 371.029
Cd 226.502	-0.000073uv	mg/L	0.000022	29.8	10.0556	-0.000363 mg/L	Y 371.029
Cd 228.802	0.000165uv	mg/L	0.000149	90.4	11.1085	0.000823 mg/L	Y 371.029
Co 228.615	0.000203uv	mg/L	0.000095	46.8	1.43257	0.001017 mg/L	Y 371.029
Co 230.786	0.000316uv	mg/L	0.000175	55.4	3.82588	0.001582 mg/L	Y 371.029
Co 238.892	-0.000348uv	mg/L	0.000138	39.6	2.37099	-0.001741 mg/L	Y 371.029
Cr 205.560	-0.000134uv	mg/L	0.000345	256.3	3.18947	-0.000672 mg/L	Y 371.029
Cr 206.158	0.000035uv	mg/L	0.000923	2604.9	1.71162	0.000177 mg/L	Y 371.029
Cr 267.716	-0.000059	mg/L	0.000076	129.2	15.7718	-0.000295 mg/L	Y 371.029
Cu 213.598	-0.000514uv	mg/L	0.000247	48.2	0.586112	-0.002568 mg/L	Y 371.029
Cu 324.754	-0.000152uv	mg/L	0.000250	164.6	430.023	-0.000759 mg/L	Y 371.029
Cu 327.395	-0.000215uv	mg/L	0.000142	66.3	16.7823	-0.001074 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.023077	mg/L	0.002011	8.7	193.900	0.115384 mg/L	Y 371.029
Fe 238.204	0.015464	mg/L	0.001446	9.3	386.262	0.077319 mg/L	Y 371.029
Fe 259.940	0.018286	mg/L	0.001637	9.0	357.824	0.091428 mg/L	Y 371.029
Ga 287.423	-0.000826uv	mg/L	0.000799	96.7	5.86537	-0.004130 mg/L	Y 371.029
Ga 294.363	0.001236	mg/L	0.000172	13.9	12.4893	0.006178 mg/L	Y 371.029
Ga 417.204	0.000505uv	mg/L	0.000631	125.0	49.1978	0.002527 mg/L	Y 371.029
K 766.491	12.9522	mg/L	0.028566	0.2	689146	64.7610 mg/L	Y 371.029
K 769.897	13.1302	mg/L	0.041784	0.3	586859	65.6511 mg/L	Y 371.029
Li 610.365	0.009650	mg/L	0.000142	1.5	133.776	0.048252 mg/L	Y 371.029
Li 670.783	0.005405	mg/L	0.000015	0.3	49367.5	0.027025 mg/L	Y 371.029
Mg 279.078	0.017087	mg/L	0.003602	21.1	22.9337	0.085433 mg/L	Y 371.029
Mg 280.270	0.014556	mg/L	0.000096	0.7	1355.65	0.072781 mg/L	Y 371.029
Mg 285.213	0.014256	mg/L	0.000007	0.0	495.625	0.071282 mg/L	Y 371.029
Mn 257.610	0.000081	mg/L	0.000016	19.7	28.7179	0.000405 mg/L	Y 371.029
Mn 259.372	-0.000194	mg/L	0.000021	11.0	45.3792	-0.000972 mg/L	Y 371.029
Mn 260.568	0.000061	mg/L	0.000023	37.6	5.52442	0.000305 mg/L	Y 371.029
Mo 202.032	0.019253	mg/L	0.001081	5.6	110.280	0.096264 mg/L	Y 371.029
Mo 203.846	0.018654	mg/L	0.000364	1.9	47.8395	0.093269 mg/L	Y 371.029
Mo 204.598	0.017378	mg/L	0.000558	3.2	52.8084	0.086890 mg/L	Y 371.029
Na 568.821	35.8813	mg/L	0.091781	0.3	9069.88	179.407 mg/L	Y 371.029
Na 588.995	35.2473	mg/L	0.039652	0.1	13542548	176.237 mg/L	Y 371.029
Na 589.592	38.6097	mg/L	0.046568	0.1	7790599	193.049 mg/L	Y 371.029
Ni 216.555	0.001261	mg/L	0.000288	22.9	5.74873	0.006307 mg/L	Y 371.029
Ni 221.648	0.001410	mg/L	0.000498	35.3	3.49563	0.007052 mg/L	Y 371.029
Ni 231.604	0.000897	mg/L	0.000397	44.3	4.88817	0.004485 mg/L	Y 371.029
P 177.434	0.014737	mg/L	0.004936	33.5	3.41853	0.073687 mg/L	Y 371.029
P 213.618	0.014741	mg/L	0.001692	11.5	7.85549	0.073705 mg/L	Y 371.029
P 214.914	0.025365	mg/L	0.008354	32.9	4.09766	0.126826 mg/L	Y 371.029
Pb 220.353	-0.001895uv	mg/L	0.002976	157.1	1.80734	-0.009473 mg/L	Y 371.029
Pb 261.417	-0.001812	mg/L	0.003686	203.4	2.20039	-0.009061 mg/L	Y 371.029
Pb 405.781	0.005968	mg/L	0.002636	44.2	55.7590	0.029838 mg/L	Y 371.029
Sb 206.834	-0.002796uv	mg/L	0.002455	87.8	4.75059	-0.013982 mg/L	Y 371.029
Sb 231.146	0.003065	mg/L	0.004727	154.2	5.95792	0.015326 mg/L	Y 371.029
Sb 259.804	-0.002015	mg/L	0.005420	268.9	4.55563	-0.010077 mg/L	Y 371.029
Se 196.026	0.012148	mg/L	0.002589	21.3	4.51501	0.060742 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.005113	27.0	2.04905	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.014185	0.5	2908.38	uncal mg/L	Y 371.029
Si 251.611	2.94791	mg/L	0.021244	0.7	3211.33	14.7395 mg/L	Y 371.029
Si 288.158	2.76703	mg/L	0.021326	0.8	16969.7	13.8352 mg/L	Y 371.029
Sn 189.927	0.000558uv	mg/L	0.002068	370.6	2.27305	0.002789 mg/L	Y 371.029
Sn 283.998	-0.002267uv	mg/L	0.001400	61.8	2.96202	-0.011337 mg/L	Y 371.029
Sr 216.596	0.117921	mg/L	0.000703	0.6	574.127	0.589604 mg/L	Y 371.029
Sr 407.771	0.113574	mg/L	0.000267	0.2	312985	0.567868 mg/L	Y 371.029
Sr 421.552	0.114812	mg/L	0.000556	0.5	205293	0.574061 mg/L	Y 371.029
Ti 334.941	0.000084	mg/L	0.000025	30.3	75.2717	0.000418 mg/L	Y 371.029
Ti 336.122	0.000011uv	mg/L	0.000048	420.2	17.4430	0.000057 mg/L	Y 371.029
Ti 337.280	0.000253	mg/L	0.000245	96.5	16.0581	0.001267 mg/L	Y 371.029
Tl 190.794	0.003560	mg/L	0.001196	33.6	1.84066	0.017798 mg/L	Y 371.029
Tl 190.807	0.006156uv	mg/L	0.008682	141.0	1.84358	0.030780 mg/L	Y 371.029
Tl 351.923	0.001889	mg/L	0.000893	47.3	7.45502	0.009447 mg/L	Y 371.029
V 268.796	0.003063	mg/L	0.000308	10.1	85.3482	0.015315 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.004345	mg/L	0.000204	4.7	122.590	0.021723 mg/L	Y 371.029
V 311.837	0.004274	mg/L	0.000098	2.3	137.983	0.021371 mg/L	Y 371.029
Zn 202.548	0.000396	mg/L	0.000293	74.0	283.477	0.001980 mg/L	Y 371.029
Zn 206.200	-0.000204	mg/L	0.001162	568.9	95.0934	-0.001021 mg/L	Y 371.029
Zn 213.857	-0.002242	mg/L	0.000253	11.3	798.270	-0.011208 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.866117	6945.21	28.388	0.4
Y 371.029	1.01863	167979	600.168	0.4

1114051-BLK1 (Samp) **3/29/2011, 5:49:58 PM** **Rack 3, Tube 12**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000712	mg/L	0.000117	16.4	125.889	0.000712 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000322	17.9	3.24948	uncal mg/L	Y 371.029
Al 237.312	-0.000023uv	mg/L	0.000983	4187.3	42.3273	-0.000023 mg/L	Y 371.029
Al 257.509	0.008951	mg/L	0.005256	58.7	19.1693	0.008951 mg/L	Y 371.029
Al 308.215	-0.002923uv	mg/L	0.000579	19.8	878.783	-0.002923 mg/L	Y 371.029
As 188.980	0.000807uv	mg/L	0.002618	324.4	2.90450	0.000807 mg/L	Y 371.029
As 193.696	-0.001524uv	mg/L	0.001366	89.6	1.73461	-0.001524 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003231	163.0	6.32582	uncal mg/L	Y 371.029
B 182.577	0.001162uv	mg/L	0.001021	87.9	3.68626	0.001162 mg/L	Y 371.029
B 249.678	0.002399	mg/L	0.000387	16.1	37.4131	0.002399 mg/L	Y 371.029
B 249.772	0.002457	mg/L	0.000532	21.6	70.2395	0.002457 mg/L	Y 371.029
Ba 233.527	0.000144	mg/L	0.000052	36.0	135.878	0.000144 mg/L	Y 371.029
Ba 455.403	-0.000131uv	mg/L	0.000024	18.0	4437.25	-0.000131 mg/L	Y 371.029
Ba 493.408	-0.000097uv	mg/L	0.000019	19.9	2896.43	-0.000097 mg/L	Y 371.029
Be 234.861	-0.000002uv	mg/L	0.000011	498.1	-1.46279	-0.000002 mg/L	Y 371.029
Be 313.042	-0.000091uv	mg/L	0.000005	5.5	665.200	-0.000091 mg/L	Y 371.029
Be 313.107	0.000043	mg/L	0.000002	4.0	6.98472	0.000043 mg/L	Y 371.029
Ca 393.366	0.005803n	mg/L	0.000197	3.4	22342.2	0.005803 mg/L	Y 371.029
Ca 396.847	0.004811	mg/L	0.000164	3.4	36935.4	0.004811 mg/L	Y 371.029
Ca 430.253	0.012093	mg/L	0.002046	16.9	414.327	0.012093 mg/L	Y 371.029
Cd 214.439	-0.000189uv	mg/L	0.000105	55.6	1.93535	-0.000189 mg/L	Y 371.029
Cd 226.502	-0.000127uv	mg/L	0.000044	34.7	7.63424	-0.000127 mg/L	Y 371.029
Cd 228.802	-0.000004uv	mg/L	0.000193	4418.0	9.56295	-0.000004 mg/L	Y 371.029
Co 228.615	-0.000087uv	mg/L	0.000029	33.5	1.50264	-0.000087 mg/L	Y 371.029
Co 230.786	0.000085uv	mg/L	0.000272	321.6	3.43677	0.000085 mg/L	Y 371.029
Co 238.892	-0.000121uv	mg/L	0.000148	123.2	2.19155	-0.000121 mg/L	Y 371.029
Cr 205.560	0.000177uv	mg/L	0.000401	226.4	3.18048	0.000177 mg/L	Y 371.029
Cr 206.158	-0.000031uv	mg/L	0.000497	1622.2	1.42456	-0.000031 mg/L	Y 371.029
Cr 267.716	-0.000052uv	mg/L	0.000121	231.5	12.4123	-0.000052 mg/L	Y 371.029
Cu 213.598	0.000505	mg/L	0.000585	115.8	1.16662	0.000505 mg/L	Y 371.029
Cu 324.754	-0.000970uv	mg/L	0.000215	22.2	444.688	-0.000970 mg/L	Y 371.029
Cu 327.395	-0.000010uv	mg/L	0.000072	699.2	15.3091	-0.000010 mg/L	Y 371.029
Fe 234.350	0.002570	mg/L	0.000101	3.9	33.7688	0.002570 mg/L	Y 371.029
Fe 238.204	0.002094	mg/L	0.000388	18.5	58.9733	0.002094 mg/L	Y 371.029
Fe 259.940	0.001698	mg/L	0.000265	15.6	61.7939	0.001698 mg/L	Y 371.029
Ga 287.423	-0.000048uv	mg/L	0.001457	3058.4	5.96629	-0.000048 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.001201uv	mg/L	0.001916	159.6	3.35439	-0.001201 mg/L	Y 371.029
Sb 231.146	-0.000470uv	mg/L	0.003621	770.4	2.89666	-0.000470 mg/L	Y 371.029
Sb 259.804	0.002040uv	mg/L	0.008880	435.4	3.67669	0.002040 mg/L	Y 371.029
Se 196.026	0.005884	mg/L	0.004369	74.3	3.17733	0.005884 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.008604	83.4	1.59864	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.000405	0.2	260.850	uncal mg/L	Y 371.029
Si 251.611	0.201633	mg/L	0.003996	2.0	288.957	0.201633 mg/L	Y 371.029
Si 288.158	0.190561	mg/L	0.001414	0.7	2086.01	0.190561 mg/L	Y 371.029
Sn 189.927	-0.002176uv	mg/L	0.002165	99.5	1.78572	-0.002176 mg/L	Y 371.029
Sn 283.998	0.002746	mg/L	0.001976	71.9	5.50816	0.002746 mg/L	Y 371.029
Sr 216.596	0.004422	mg/L	0.000153	3.5	30.2916	0.004422 mg/L	Y 371.029
Sr 407.771	0.003941	mg/L	0.000032	0.8	16275.6	0.003941 mg/L	Y 371.029
Sr 421.552	0.003998	mg/L	0.000029	0.7	10624.6	0.003998 mg/L	Y 371.029
Ti 334.941	0.000505	mg/L	0.000228	45.2	151.291	0.000505 mg/L	Y 371.029
Ti 336.122	0.000316	mg/L	0.000064	20.1	43.7920	0.000316 mg/L	Y 371.029
Ti 337.280	0.000650	mg/L	0.000332	51.1	21.4128	0.000650 mg/L	Y 371.029
Tl 190.794	0.003576uv	mg/L	0.004563	127.6	2.14415	0.003576 mg/L	Y 371.029
Tl 190.807	0.002021uv	mg/L	0.003257	161.2	1.33096	0.002021 mg/L	Y 371.029
Tl 351.923	0.002253	mg/L	0.002046	90.8	8.18935	0.002253 mg/L	Y 371.029
V 268.796	0.000334	mg/L	0.000136	40.9	22.2654	0.000334 mg/L	Y 371.029
V 292.401	-0.000072uv	mg/L	0.000147	205.7	13.4363	-0.000072 mg/L	Y 371.029
V 311.837	0.000543	mg/L	0.000032	5.9	3.60218	0.000543 mg/L	Y 371.029
Zn 202.548	0.007126	mg/L	0.000254	3.6	291.455	0.007126 mg/L	Y 371.029
Zn 206.200	0.006727	mg/L	0.000426	6.3	98.0152	0.006727 mg/L	Y 371.029
Zn 213.857	0.004016	mg/L	0.000159	4.0	817.024	0.004016 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.869482	6972.19	4.646	0.1
Y 371.029	1.02073	168325	244.828	0.1

SEQ-CCV7 (Samp) **3/29/2011, 6:21:28 PM** **Rack 3, Tube 20**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.097615	mg/L	0.000164	0.2	4408.25	0.097615 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000688	0.7	254.455	uncal mg/L	Y 371.029
Al 237.312	2.46944	mg/L	0.009536	0.4	2938.69	2.46944 mg/L	Y 371.029
Al 257.509	2.45879	mg/L	0.017362	0.7	1296.23	2.45879 mg/L	Y 371.029
Al 308.215	2.48177	mg/L	0.004359	0.2	13605.2	2.48177 mg/L	Y 371.029
As 188.980	0.501278	mg/L	0.006670	1.3	106.865	0.501278 mg/L	Y 371.029
As 193.696	0.497789	mg/L	0.007051	1.4	131.658	0.497789 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003084	0.4	629.261	uncal mg/L	Y 371.029
B 182.577	0.477914	mg/L	0.007637	1.6	168.914	0.477914 mg/L	Y 371.029
B 249.678	0.485439	mg/L	0.006534	1.3	3627.36	0.485439 mg/L	Y 371.029
B 249.772	0.482668	mg/L	0.006722	1.4	6893.50	0.482668 mg/L	Y 371.029
Ba 233.527	0.507530	mg/L	0.002073	0.4	14539.1	0.507530 mg/L	Y 371.029
Ba 455.403	0.487907	mg/L	0.001411	0.3	474721	0.487907 mg/L	Y 371.029
Ba 493.408	0.502253	mg/L	0.000882	0.2	312492	0.502253 mg/L	Y 371.029
Be 234.861	0.517970	mg/L	0.000591	0.1	42776.1	0.517970 mg/L	Y 371.029
Be 313.042	0.506616	mg/L	0.003028	0.6	636966	0.506616 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.507541	mg/L	0.002808	0.6	314719	0.507541 mg/L	Y 371.029
Ca 393.366	4.87125n	mg/L	0.010617	0.2	5412347	4.87125 mg/L	Y 371.029
Ca 396.847	4.51252	mg/L	0.007531	0.2	9396228	4.51252 mg/L	Y 371.029
Ca 430.253	4.82900	mg/L	0.003000	0.1	16880.8	4.82900 mg/L	Y 371.029
Cd 214.439	0.263414	mg/L	0.000534	0.2	2425.74	0.263414 mg/L	Y 371.029
Cd 226.502	0.259893	mg/L	0.000562	0.2	5401.18	0.259893 mg/L	Y 371.029
Cd 228.802	0.253455	mg/L	0.000705	0.3	2567.38	0.253455 mg/L	Y 371.029
Co 228.615	0.512093	mg/L	0.001261	0.2	2940.25	0.512093 mg/L	Y 371.029
Co 230.786	0.512320	mg/L	0.001069	0.2	2102.40	0.512320 mg/L	Y 371.029
Co 238.892	0.510037	mg/L	0.001163	0.2	2042.05	0.510037 mg/L	Y 371.029
Cr 205.560	0.512965	mg/L	0.002599	0.5	1425.61	0.512965 mg/L	Y 371.029
Cr 206.158	0.508924	mg/L	0.002317	0.5	588.568	0.508924 mg/L	Y 371.029
Cr 267.716	0.508499	mg/L	0.001328	0.3	7865.96	0.508499 mg/L	Y 371.029
Cu 213.598	0.521395	mg/L	0.001792	0.3	1035.25	0.521395 mg/L	Y 371.029
Cu 324.754	0.491234	mg/L	0.001246	0.3	15871.0	0.491234 mg/L	Y 371.029
Cu 327.395	0.488783	mg/L	0.001183	0.2	20780.6	0.488783 mg/L	Y 371.029
Fe 234.350	0.500253	mg/L	0.003088	0.6	3281.60	0.500253 mg/L	Y 371.029
Fe 238.204	0.387982	mg/L	0.003346	0.9	6756.67	0.387982 mg/L	Y 371.029
Fe 259.940	0.443073	mg/L	0.004149	0.9	6075.84	0.443073 mg/L	Y 371.029
Ga 287.423	0.508132	mg/L	0.000718	0.1	947.043	0.508132 mg/L	Y 371.029
Ga 294.363	0.496569	mg/L	0.001386	0.3	2575.34	0.496569 mg/L	Y 371.029
Ga 417.204	0.495686	mg/L	0.001433	0.3	4073.82	0.495686 mg/L	Y 371.029
K 766.491	5.00144	mg/L	0.006617	0.1	266973	5.00144 mg/L	Y 371.029
K 769.897	4.89903	mg/L	0.006365	0.1	221887	4.89903 mg/L	Y 371.029
Li 610.365	1.01637	mg/L	0.001208	0.1	33265.0	1.01637 mg/L	Y 371.029
Li 670.783	1.02750	mg/L	0.002257	0.2	2281669	1.02750 mg/L	Y 371.029
Mg 279.078	5.07031	mg/L	0.011140	0.2	5055.29	5.07031 mg/L	Y 371.029
Mg 280.270	5.24491	mg/L	0.045000	0.9	366158	5.24491 mg/L	Y 371.029
Mg 285.213	5.19560	mg/L	0.057727	1.1	138444	5.19560 mg/L	Y 371.029
Mn 257.610	0.498524	mg/L	0.004152	0.8	54523.9	0.498524 mg/L	Y 371.029
Mn 259.372	0.500201	mg/L	0.003518	0.7	41626.7	0.500201 mg/L	Y 371.029
Mn 260.568	0.510007	mg/L	0.001664	0.3	7329.00	0.510007 mg/L	Y 371.029
Mo 202.032	1.07725	mg/L	0.011514	1.1	2882.80	1.07725 mg/L	Y 371.029
Mo 203.846	1.07178	mg/L	0.008629	0.8	1212.22	1.07178 mg/L	Y 371.029
Mo 204.598	1.09363	mg/L	0.008385	0.8	1415.66	1.09363 mg/L	Y 371.029
Na 568.821	4.83459	mg/L	0.009593	0.2	1074.15	4.83459 mg/L	Y 371.029
Na 588.995	5.51249	mg/L	0.016872	0.3	2290879	5.51249 mg/L	Y 371.029
Na 589.592	5.10806	mg/L	0.018629	0.4	1152830	5.10806 mg/L	Y 371.029
Ni 216.555	1.02745	mg/L	0.003787	0.4	3019.66	1.02745 mg/L	Y 371.029
Ni 221.648	1.02520	mg/L	0.003008	0.3	1222.20	1.02520 mg/L	Y 371.029
Ni 231.604	1.02872	mg/L	0.002046	0.2	2177.10	1.02872 mg/L	Y 371.029
P 177.434	0.503551	mg/L	0.007020	1.4	51.7897	0.503551 mg/L	Y 371.029
P 213.618	0.513756	mg/L	0.003984	0.8	187.086	0.513756 mg/L	Y 371.029
P 214.914	0.519095	mg/L	0.009817	1.9	54.7955	0.519095 mg/L	Y 371.029
Pb 220.353	1.01161	mg/L	0.000391	0.0	664.224	1.01161 mg/L	Y 371.029
Pb 261.417	0.986360	mg/L	0.003599	0.4	408.290	0.986360 mg/L	Y 371.029
Pb 405.781	0.999983	mg/L	0.000563	0.1	1190.00	0.999983 mg/L	Y 371.029
Sb 206.834	0.945769	mg/L	0.003464	0.4	442.534	0.945769 mg/L	Y 371.029
Sb 231.146	0.951195	mg/L	0.003244	0.3	370.424	0.951195 mg/L	Y 371.029
Sb 259.804	1.00304	mg/L	0.012098	1.2	287.967	1.00304 mg/L	Y 371.029
Se 196.026	1.02039	mg/L	0.014080	1.4	181.227	1.02039 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	uncal	mg/L	0.010424	1.0	108.625	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.006951	0.7	1101.29	uncal mg/L	Y 371.029
Si 251.611	1.07522	mg/L	0.004919	0.5	1224.49	1.07522 mg/L	Y 371.029
Si 288.158	1.01061	mg/L	0.007984	0.8	6787.59	1.01061 mg/L	Y 371.029
Sn 189.927	1.03436	mg/L	0.001279	0.1	185.536	1.03436 mg/L	Y 371.029
Sn 283.998	0.963089	mg/L	0.001205	0.1	1444.07	0.963089 mg/L	Y 371.029
Sr 216.596	0.512712	mg/L	0.002128	0.4	2454.74	0.512712 mg/L	Y 371.029
Sr 407.771	0.484435	mg/L	0.009197	1.9	1310343	0.484435 mg/L	Y 371.029
Sr 421.552	0.489606	mg/L	0.005320	1.1	859549	0.489606 mg/L	Y 371.029
Ti 334.941	0.495793	mg/L	0.002494	0.5	99577.4	0.495793 mg/L	Y 371.029
Ti 336.122	0.501298	mg/L	0.003572	0.7	42319.2	0.501298 mg/L	Y 371.029
Ti 337.280	0.501921	mg/L	0.004589	0.9	14390.1	0.501921 mg/L	Y 371.029
Tl 190.794	0.509856	mg/L	0.003181	0.6	122.076	0.509856 mg/L	Y 371.029
Tl 190.807	0.511114	mg/L	0.010673	2.1	63.0284	0.511114 mg/L	Y 371.029
Tl 351.923	0.499020	mg/L	0.003008	0.6	713.106	0.499020 mg/L	Y 371.029
V 268.796	0.506250	mg/L	0.001434	0.3	4270.51	0.506250 mg/L	Y 371.029
V 292.401	0.502772	mg/L	0.001892	0.4	12269.3	0.502772 mg/L	Y 371.029
V 311.837	0.505400	mg/L	0.001165	0.2	17865.0	0.505400 mg/L	Y 371.029
Zn 202.548	0.532900	mg/L	0.001637	0.3	2259.13	0.532900 mg/L	Y 371.029
Zn 206.200	0.524766	mg/L	0.002308	0.4	744.865	0.524766 mg/L	Y 371.029
Zn 213.857	0.510143	mg/L	0.001671	0.3	6364.65	0.510143 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.866295	6946.63	26.996	0.4
Y 371.029	1.01323	167089	564.335	0.3

SEQ-CCB7 (Samp) **3/29/2011, 6:25:42 PM** **Rack 3, Tube 21**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000929	mg/L	0.000087	9.3	135.501	0.000929 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000658	63.6	1.16953	uncal mg/L	Y 371.029
Al 237.312	-0.001998uv	mg/L	0.000644	32.2	40.0160	-0.001998 mg/L	Y 371.029
Al 257.509	0.006485	mg/L	0.005862	90.4	17.8729	0.006485 mg/L	Y 371.029
Al 308.215	-0.004890uv	mg/L	0.000308	6.3	869.122	-0.004890 mg/L	Y 371.029
As 188.980	0.003975	mg/L	0.001992	50.1	3.56414	0.003975 mg/L	Y 371.029
As 193.696	0.002336uv	mg/L	0.003276	140.2	2.73924	0.002336 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004334	233.4	8.62777	uncal mg/L	Y 371.029
B 182.577	0.004688	mg/L	0.001815	38.7	4.90660	0.004688 mg/L	Y 371.029
B 249.678	0.006188	mg/L	0.001582	25.6	65.5172	0.006188 mg/L	Y 371.029
B 249.772	0.006237	mg/L	0.001658	26.6	123.895	0.006237 mg/L	Y 371.029
Ba 233.527	0.000099	mg/L	0.000049	49.8	134.613	0.000099 mg/L	Y 371.029
Ba 455.403	-0.000151uv	mg/L	0.000017	11.1	4418.32	-0.000151 mg/L	Y 371.029
Ba 493.408	-0.000141uv	mg/L	0.000004	2.7	2869.09	-0.000141 mg/L	Y 371.029
Be 234.861	0.000001uv	mg/L	0.000011	952.5	-1.17935	0.000001 mg/L	Y 371.029
Be 313.042	-0.000079uv	mg/L	0.000007	9.0	680.048	-0.000079 mg/L	Y 371.029
Be 313.107	0.000035	mg/L	0.000003	9.8	1.83587	0.000035 mg/L	Y 371.029
Ca 393.366	0.000130n	mg/L	0.000012	9.0	16058.5	0.000130 mg/L	Y 371.029
Ca 396.847	-0.000086uv	mg/L	0.000006	6.9	26773.7	-0.000086 mg/L	Y 371.029
Ca 430.253	0.003382	mg/L	0.002872	84.9	384.543	0.003382 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	-0.000026uv	mg/L	0.000218	844.1	3.43610	-0.000026 mg/L	Y 371.029
Cd 226.502	0.000014uv	mg/L	0.000045	326.1	10.5558	0.000014 mg/L	Y 371.029
Cd 228.802	0.000013uv	mg/L	0.000131	1029.6	9.73888	0.000013 mg/L	Y 371.029
Co 228.615	0.000096uv	mg/L	0.000100	104.1	2.55396	0.000096 mg/L	Y 371.029
Co 230.786	0.000189uv	mg/L	0.000259	136.7	3.88053	0.000189 mg/L	Y 371.029
Co 238.892	0.000195uv	mg/L	0.000327	167.5	3.45391	0.000195 mg/L	Y 371.029
Cr 205.560	0.000231	mg/L	0.000230	99.2	3.33177	0.000231 mg/L	Y 371.029
Cr 206.158	0.000202uv	mg/L	0.000843	416.3	1.69055	0.000202 mg/L	Y 371.029
Cr 267.716	0.000262	mg/L	0.000119	45.2	17.2557	0.000262 mg/L	Y 371.029
Cu 213.598	0.000583	mg/L	0.000748	128.3	1.36948	0.000583 mg/L	Y 371.029
Cu 324.754	-0.001162uv	mg/L	0.000276	23.8	438.726	-0.001162 mg/L	Y 371.029
Cu 327.395	0.000025uv	mg/L	0.000146	583.8	16.7844	0.000025 mg/L	Y 371.029
Fe 234.350	0.003703	mg/L	0.000832	22.5	40.8616	0.003703 mg/L	Y 371.029
Fe 238.204	0.002419	mg/L	0.000948	39.2	64.3502	0.002419 mg/L	Y 371.029
Fe 259.940	0.002108	mg/L	0.001109	52.6	67.1671	0.002108 mg/L	Y 371.029
Ga 287.423	-0.000895uv	mg/L	0.001441	161.1	4.43074	-0.000895 mg/L	Y 371.029
Ga 294.363	0.000687uv	mg/L	0.000761	110.8	9.83692	0.000687 mg/L	Y 371.029
Ga 417.204	0.000078uv	mg/L	0.000828	1058.9	49.2514	0.000078 mg/L	Y 371.029
K 766.491	-0.000194uv	mg/L	0.000026	13.3	1377.42	-0.000194 mg/L	Y 371.029
K 769.897	0.004891	mg/L	0.000357	7.3	4821.15	0.004891 mg/L	Y 371.029
Li 610.365	0.007202	mg/L	0.000295	4.1	53.2113	0.007202 mg/L	Y 371.029
Li 670.783	0.000346	mg/L	0.000013	3.6	37563.8	0.000346 mg/L	Y 371.029
Mg 279.078	0.003028uv	mg/L	0.002659	87.8	9.68544	0.003028 mg/L	Y 371.029
Mg 280.270	-0.000308uv	mg/L	0.000008	2.7	231.639	-0.000308 mg/L	Y 371.029
Mg 285.213	-0.000744uv	mg/L	0.000053	7.1	76.6957	-0.000744 mg/L	Y 371.029
Mn 257.610	-0.000006uv	mg/L	0.000025	424.7	5.24907	-0.000006 mg/L	Y 371.029
Mn 259.372	-0.000010	mg/L	0.000022	217.0	18.7251	-0.000010 mg/L	Y 371.029
Mn 260.568	0.000048uv	mg/L	0.000046	97.2	3.46435	0.000048 mg/L	Y 371.029
Mo 202.032	0.015543	mg/L	0.002260	14.5	44.1480	0.015543 mg/L	Y 371.029
Mo 203.846	0.016493	mg/L	0.001494	9.1	20.8156	0.016493 mg/L	Y 371.029
Mo 204.598	0.014764	mg/L	0.002003	13.6	21.0812	0.014764 mg/L	Y 371.029
Na 568.821	0.884014	mg/L	0.074486	8.4	46.5159	0.884014 mg/L	Y 371.029
Na 588.995	-0.264082uv	mg/L	0.000732	0.3	103185	-0.264082 mg/L	Y 371.029
Na 589.592	-0.453110uv	mg/L	0.000622	0.1	49730.2	-0.453110 mg/L	Y 371.029
Ni 216.555	0.000169uv	mg/L	0.000497	293.7	2.44308	0.000169 mg/L	Y 371.029
Ni 221.648	0.000580uv	mg/L	0.001027	177.2	2.30249	0.000580 mg/L	Y 371.029
Ni 231.604	0.000690	mg/L	0.000162	23.4	4.35695	0.000690 mg/L	Y 371.029
P 177.434	0.004115	mg/L	0.000552	13.4	2.49430	0.004115 mg/L	Y 371.029
P 213.618	-0.000182uv	mg/L	0.000088	48.4	1.44756	-0.000182 mg/L	Y 371.029
P 214.914	0.015524	mg/L	0.010285	66.2	3.10865	0.015524 mg/L	Y 371.029
Pb 220.353	0.000293uv	mg/L	0.000771	263.1	2.96694	0.000293 mg/L	Y 371.029
Pb 261.417	0.005975	mg/L	0.003751	62.8	2.53173	0.005975 mg/L	Y 371.029
Pb 405.781	0.015696	mg/L	0.002859	18.2	56.6661	0.015696 mg/L	Y 371.029
Sb 206.834	0.017583	mg/L	0.001198	6.8	11.9294	0.017583 mg/L	Y 371.029
Sb 231.146	0.019752	mg/L	0.002908	14.7	10.6293	0.019752 mg/L	Y 371.029
Sb 259.804	0.019786	mg/L	0.003481	17.6	8.60491	0.019786 mg/L	Y 371.029
Se 196.026	0.005690uv	mg/L	0.008095	142.3	3.14004	0.005690 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.007697	35.6	2.76378	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.001961	36.1	99.0046	uncal mg/L	Y 371.029
Si 251.611	0.030653	mg/L	0.001469	4.8	107.826	0.030653 mg/L	Y 371.029
Si 288.158	0.028393	mg/L	0.000551	1.9	1152.80	0.028393 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.002263uv	mg/L	0.002156	95.3	1.76732	-0.002263 mg/L	Y 371.029
Sn 283.998	0.003197	mg/L	0.001796	56.2	6.12753	0.003197 mg/L	Y 371.029
Sr 216.596	0.000166uv	mg/L	0.000186	112.0	9.85606	0.000166 mg/L	Y 371.029
Sr 407.771	-0.000066uv	mg/L	0.000009	12.9	5434.91	-0.000066 mg/L	Y 371.029
Sr 421.552	-0.000063uv	mg/L	0.000024	38.1	3493.39	-0.000063 mg/L	Y 371.029
Ti 334.941	0.000743	mg/L	0.000209	28.1	197.839	0.000743 mg/L	Y 371.029
Ti 336.122	0.000610	mg/L	0.000160	26.3	68.2110	0.000610 mg/L	Y 371.029
Ti 337.280	0.000793	mg/L	0.000217	27.4	25.1398	0.000793 mg/L	Y 371.029
Tl 190.794	0.007305	mg/L	0.001531	21.0	3.03481	0.007305 mg/L	Y 371.029
Tl 190.807	0.001107uv	mg/L	0.003785	341.8	1.23357	0.001107 mg/L	Y 371.029
Tl 351.923	0.002453	mg/L	0.000278	11.3	8.52674	0.002453 mg/L	Y 371.029
V 268.796	0.000378	mg/L	0.000441	116.8	30.7554	0.000378 mg/L	Y 371.029
V 292.401	-0.000197uv	mg/L	0.000084	42.6	10.0186	-0.000197 mg/L	Y 371.029
V 311.837	0.000539	mg/L	0.000036	6.6	3.08108	0.000539 mg/L	Y 371.029
Zn 202.548	0.004377	mg/L	0.000155	3.5	280.311	0.004377 mg/L	Y 371.029
Zn 206.200	0.003408	mg/L	0.000999	29.3	93.5648	0.003408 mg/L	Y 371.029
Zn 213.857	0.001120	mg/L	0.000112	10.0	782.769	0.001120 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.862807	6918.66	11.055	0.2
Y 371.029	1.01324	167090	386.611	0.2

11C1492-04 (Samp) **3/29/2011, 6:28:43 PM** **Rack 3, Tube 22**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000739	mg/L	0.000078	10.5	129.729	0.000739 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000605	34.3	3.14522	uncal mg/L	Y 371.029
Al 237.312	0.001945	mg/L	0.002193	112.8	44.8548	0.001945 mg/L	Y 371.029
Al 257.509	0.011433	mg/L	0.003709	32.4	20.6303	0.011433 mg/L	Y 371.029
Al 308.215	-0.001362uv	mg/L	0.001269	93.2	884.622	-0.001362 mg/L	Y 371.029
As 188.980	0.005669	mg/L	0.000666	11.7	3.89177	0.005669 mg/L	Y 371.029
As 193.696	0.000743uv	mg/L	0.001694	228.1	2.30218	0.000743 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002400	59.0	4.94103	uncal mg/L	Y 371.029
B 182.577	0.002482	mg/L	0.002010	81.0	4.15351	0.002482 mg/L	Y 371.029
B 249.678	0.004254	mg/L	0.000512	12.0	51.6173	0.004254 mg/L	Y 371.029
B 249.772	0.004292	mg/L	0.000328	7.7	97.2322	0.004292 mg/L	Y 371.029
Ba 233.527	0.001025	mg/L	0.000090	8.8	161.372	0.001025 mg/L	Y 371.029
Ba 455.403	0.000700	mg/L	0.000018	2.5	5248.46	0.000700 mg/L	Y 371.029
Ba 493.408	0.000725	mg/L	0.000026	3.5	3411.29	0.000725 mg/L	Y 371.029
Be 234.861	0.000028	mg/L	0.000001	4.1	0.845493	0.000028 mg/L	Y 371.029
Be 313.042	-0.000080uv	mg/L	0.000004	4.5	678.585	-0.000080 mg/L	Y 371.029
Be 313.107	0.000038	mg/L	0.000004	9.3	4.08997	0.000038 mg/L	Y 371.029
Ca 393.366	1.11948n	mg/L	0.002962	0.3	1255581	1.11948 mg/L	Y 371.029
Ca 396.847	1.00091	mg/L	0.002434	0.2	2104224	1.00091 mg/L	Y 371.029
Ca 430.253	1.03122	mg/L	0.012499	1.2	3895.61	1.03122 mg/L	Y 371.029
Cd 214.439	-0.000121uv	mg/L	0.000145	119.8	2.56153	-0.000121 mg/L	Y 371.029
Cd 226.502	0.000014uv	mg/L	0.000048	330.9	10.6782	0.000014 mg/L	Y 371.029
Cd 228.802	-0.000095uv	mg/L	0.000050	52.1	8.63596	-0.000095 mg/L	Y 371.029
Co 228.615	-0.000001uv	mg/L	0.000199	21407.3	2.02255	-0.000001 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.001781	mg/L	0.000082	4.6	790.033	0.001781 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.866586	6948.96	10.396	0.1
Y 371.029	1.00834	166282	459.143	0.3

SEQ-CCVD (Samp) **3/30/2011, 10:30:31 AM** **Rack 4, Tube 18**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.102036	mg/L	0.000153	0.2	4603.00	0.102036 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001251	1.2	265.340	uncal mg/L	Y 371.029
Al 237.312	2.55847	mg/L	0.015960	0.6	3042.95	2.55847 mg/L	Y 371.029
Al 257.509	2.54071	mg/L	0.033258	1.3	1339.09	2.54071 mg/L	Y 371.029
Al 308.215	2.74352	mg/L	0.004665	0.2	14938.5	2.74352 mg/L	Y 371.029
As 188.980	0.459409	mg/L	0.004794	1.0	98.1597	0.459409 mg/L	Y 371.029
As 193.696	0.452951	mg/L	0.004583	1.0	119.990	0.452951 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004311	0.7	579.454	uncal mg/L	Y 371.029
B 182.577	0.499562	mg/L	0.004426	0.9	176.404	0.499562 mg/L	Y 371.029
B 249.678	0.504057	mg/L	0.007016	1.4	3765.42	0.504057 mg/L	Y 371.029
B 249.772	0.504540	mg/L	0.005229	1.0	7203.63	0.504540 mg/L	Y 371.029
Ba 233.527	0.473039	mg/L	0.003139	0.7	13560.3	0.473039 mg/L	Y 371.029
Ba 455.403	0.515790	mg/L	0.000708	0.1	501579	0.515790 mg/L	Y 371.029
Ba 493.408	0.535019	mg/L	0.000429	0.1	332678	0.535019 mg/L	Y 371.029
Be 234.861	0.504353	mg/L	0.001587	0.3	41651.5	0.504353 mg/L	Y 371.029
Be 313.042	0.475734	mg/L	0.003631	0.8	598185	0.475734 mg/L	Y 371.029
Be 313.107	0.475634	mg/L	0.003786	0.8	294932	0.475634 mg/L	Y 371.029
Ca 393.366	4.98704n	mg/L	0.011159	0.2	5540443	4.98704 mg/L	Y 371.029
Ca 396.847	4.66435	mg/L	0.008462	0.2	9711101	4.66435 mg/L	Y 371.029
Ca 430.253	5.02880	mg/L	0.041447	0.8	17561.3	5.02880 mg/L	Y 371.029
Cd 214.439	0.227447	mg/L	0.001167	0.5	2095.03	0.227447 mg/L	Y 371.029
Cd 226.502	0.231127	mg/L	0.000802	0.3	4804.56	0.231127 mg/L	Y 371.029
Cd 228.802	0.247317	mg/L	0.000377	0.2	2505.41	0.247317 mg/L	Y 371.029
Co 228.615	0.473932	mg/L	0.001652	0.3	2720.95	0.473932 mg/L	Y 371.029
Co 230.786	0.475890	mg/L	0.000566	0.1	1952.52	0.475890 mg/L	Y 371.029
Co 238.892	0.484633	mg/L	0.001669	0.3	1940.43	0.484633 mg/L	Y 371.029
Cr 205.560	0.474381	mg/L	0.001814	0.4	1318.80	0.474381 mg/L	Y 371.029
Cr 206.158	0.476323	mg/L	0.003903	0.8	551.023	0.476323 mg/L	Y 371.029
Cr 267.716	0.480508	mg/L	0.001624	0.3	7434.74	0.480508 mg/L	Y 371.029
Cu 213.598	0.455087	mg/L	0.003611	0.8	903.655	0.455087 mg/L	Y 371.029
Cu 324.754	0.536932	mg/L	0.003562	0.7	17306.7	0.536932 mg/L	Y 371.029
Cu 327.395	0.525123	mg/L	0.004154	0.8	22323.9	0.525123 mg/L	Y 371.029
Fe 234.350	0.459060	mg/L	0.001053	0.2	3019.03	0.459060 mg/L	Y 371.029
Fe 238.204	0.349523	mg/L	0.002872	0.8	6111.74	0.349523 mg/L	Y 371.029
Fe 259.940	0.408880	mg/L	0.002056	0.5	5622.97	0.408880 mg/L	Y 371.029
Ga 287.423	0.532572	mg/L	0.001404	0.3	990.932	0.532572 mg/L	Y 371.029
Ga 294.363	0.519952	mg/L	0.001250	0.2	2695.64	0.519952 mg/L	Y 371.029
Ga 417.204	0.543557	mg/L	0.006560	1.2	4439.79	0.543557 mg/L	Y 371.029
K 766.491	5.57242	mg/L	0.013203	0.2	297275	5.57242 mg/L	Y 371.029
K 769.897	5.28144	mg/L	0.020153	0.4	238823	5.28144 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.04948	mg/L	0.001788	0.2	34354.7	1.04948 mg/L	Y 371.029
Li 670.783	1.02104	mg/L	0.002386	0.2	2267538	1.02104 mg/L	Y 371.029
Mg 279.078	4.88226	mg/L	0.005894	0.1	4868.10	4.88226 mg/L	Y 371.029
Mg 280.270	4.93640	mg/L	0.031259	0.6	344636	4.93640 mg/L	Y 371.029
Mg 285.213	5.31136	mg/L	0.016937	0.3	141526	5.31136 mg/L	Y 371.029
Mn 257.610	0.469855	mg/L	0.003524	0.7	51446.3	0.469855 mg/L	Y 371.029
Mn 259.372	0.473173	mg/L	0.003864	0.8	39356.8	0.473173 mg/L	Y 371.029
Mn 260.568	0.483248	mg/L	0.002200	0.5	6946.21	0.483248 mg/L	Y 371.029
Mo 202.032	0.942858	mg/L	0.029928	3.2	2525.16	0.942858 mg/L	Y 371.029
Mo 203.846	0.924097	mg/L	0.031906	3.5	1046.28	0.924097 mg/L	Y 371.029
Mo 204.598	0.949887	mg/L	0.029765	3.1	1230.74	0.949887 mg/L	Y 371.029
Na 568.821	5.15953	mg/L	0.055235	1.1	1156.50	5.15953 mg/L	Y 371.029
Na 588.995	5.89751	mg/L	0.011804	0.2	2436442	5.89751 mg/L	Y 371.029
Na 589.592	5.43460	mg/L	0.012334	0.2	1217450	5.43460 mg/L	Y 371.029
Ni 216.555	0.934434	mg/L	0.003819	0.4	2746.54	0.934434 mg/L	Y 371.029
Ni 221.648	0.930275	mg/L	0.004147	0.4	1109.21	0.930275 mg/L	Y 371.029
Ni 231.604	0.947413	mg/L	0.002308	0.2	2005.30	0.947413 mg/L	Y 371.029
P 177.434	0.454012	mg/L	0.002102	0.5	46.8912	0.454012 mg/L	Y 371.029
P 213.618	0.476753	mg/L	0.009399	2.0	173.566	0.476753 mg/L	Y 371.029
P 214.914	0.469722	mg/L	0.034554	7.4	49.6692	0.469722 mg/L	Y 371.029
Pb 220.353	0.936980	mg/L	0.001799	0.2	615.422	0.936980 mg/L	Y 371.029
Pb 261.417	1.01822	mg/L	0.003872	0.4	421.512	1.01822 mg/L	Y 371.029
Pb 405.781	1.04981	mg/L	0.005080	0.5	1246.60	1.04981 mg/L	Y 371.029
Sb 206.834	0.934218	mg/L	0.005889	0.6	437.104	0.934218 mg/L	Y 371.029
Sb 231.146	0.953270	mg/L	0.003084	0.3	371.125	0.953270 mg/L	Y 371.029
Sb 259.804	0.991687	mg/L	0.002967	0.3	284.732	0.991687 mg/L	Y 371.029
Se 196.026	0.879375	mg/L	0.058153	6.6	156.486	0.879375 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.054614	6.2	92.7991	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.003729	0.4	1100.20	uncal mg/L	Y 371.029
Si 251.611	1.07833	mg/L	0.002831	0.3	1226.26	1.07833 mg/L	Y 371.029
Si 288.158	1.05948	mg/L	0.005385	0.5	7067.99	1.05948 mg/L	Y 371.029
Sn 189.927	0.939266	mg/L	0.003407	0.4	168.683	0.939266 mg/L	Y 371.029
Sn 283.998	0.984899	mg/L	0.003479	0.4	1449.85	0.984899 mg/L	Y 371.029
Sr 216.596	0.463805	mg/L	0.001032	0.2	2221.47	0.463805 mg/L	Y 371.029
Sr 407.771	0.501001	mg/L	0.002546	0.5	1354934	0.501001 mg/L	Y 371.029
Sr 421.552	0.508758	mg/L	0.006976	1.4	893011	0.508758 mg/L	Y 371.029
Ti 334.941	0.495585	mg/L	0.004184	0.8	99534.3	0.495585 mg/L	Y 371.029
Ti 336.122	0.496783	mg/L	0.002128	0.4	41937.9	0.496783 mg/L	Y 371.029
Ti 337.280	0.498466	mg/L	0.002569	0.5	14290.7	0.498466 mg/L	Y 371.029
Tl 190.794	0.481004	mg/L	0.001304	0.3	115.246	0.481004 mg/L	Y 371.029
Tl 190.807	0.482431	mg/L	0.018872	3.9	59.4703	0.482431 mg/L	Y 371.029
Tl 351.923	0.526419	mg/L	0.005528	1.1	751.939	0.526419 mg/L	Y 371.029
V 268.796	0.489908	mg/L	0.005586	1.1	4057.36	0.489908 mg/L	Y 371.029
V 292.401	0.488196	mg/L	0.003306	0.7	11914.9	0.488196 mg/L	Y 371.029
V 311.837	0.496536	mg/L	0.001466	0.3	17551.2	0.496536 mg/L	Y 371.029
Zn 202.548	0.425465	mg/L	0.002077	0.5	1859.03	0.425465 mg/L	Y 371.029
Zn 206.200	0.427437	mg/L	0.001305	0.3	623.675	0.427437 mg/L	Y 371.029
Zn 213.857	0.480990	mg/L	0.001766	0.4	6044.17	0.480990 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.750437	6017.59	27.431	0.5
Y 371.029	0.958781	158110	434.878	0.3

SEQ-CCBD (Samp) **3/30/2011, 10:34:48 AM** **Rack 4, Tube 19**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000331	mg/L	0.000103	31.1	109.018	0.000331 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000180	27.0	0.174398	uncal mg/L	Y 371.029
Al 237.312	0.000957uv	mg/L	0.001398	146.1	43.4755	0.000957 mg/L	Y 371.029
Al 257.509	0.006567	mg/L	0.002333	35.5	17.9004	0.006567 mg/L	Y 371.029
Al 308.215	0.177462	mg/L	0.001961	1.1	1800.29	0.177462 mg/L	Y 371.029
As 188.980	0.003212	mg/L	0.002373	73.9	3.40604	0.003212 mg/L	Y 371.029
As 193.696	0.005114	mg/L	0.002320	45.4	3.46347	0.005114 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004372	540.7	8.19314	uncal mg/L	Y 371.029
B 182.577	0.005927	mg/L	0.000473	8.0	5.33520	0.005927 mg/L	Y 371.029
B 249.678	0.006632	mg/L	0.001112	16.8	68.7917	0.006632 mg/L	Y 371.029
B 249.772	0.006273	mg/L	0.001341	21.4	124.443	0.006273 mg/L	Y 371.029
Ba 233.527	0.000069	mg/L	0.000049	70.6	133.753	0.000069 mg/L	Y 371.029
Ba 455.403	0.000397	mg/L	0.000006	1.6	4946.37	0.000397 mg/L	Y 371.029
Ba 493.408	0.000432	mg/L	0.000004	0.9	3222.39	0.000432 mg/L	Y 371.029
Be 234.861	-0.000004uv	mg/L	0.000009	206.2	-1.64042	-0.000004 mg/L	Y 371.029
Be 313.042	0.000130	mg/L	0.000007	5.2	942.328	0.000130 mg/L	Y 371.029
Be 313.107	0.000027	mg/L	0.000003	9.3	-3.05071	0.000027 mg/L	Y 371.029
Ca 393.366	0.000513n	mg/L	0.000068	13.2	16475.5	0.000513 mg/L	Y 371.029
Ca 396.847	0.000351	mg/L	0.000066	18.9	27672.8	0.000351 mg/L	Y 371.029
Ca 430.253	0.005001	mg/L	0.001497	29.9	389.815	0.005001 mg/L	Y 371.029
Cd 214.439	0.000141	mg/L	0.000075	53.1	4.96503	0.000141 mg/L	Y 371.029
Cd 226.502	0.000259	mg/L	0.000004	1.5	15.6264	0.000259 mg/L	Y 371.029
Cd 228.802	0.000249	mg/L	0.000083	33.3	12.1218	0.000249 mg/L	Y 371.029
Co 228.615	-0.000146uv	mg/L	0.000038	26.4	1.17719	-0.000146 mg/L	Y 371.029
Co 230.786	-0.000089uv	mg/L	0.000396	444.9	2.75562	-0.000089 mg/L	Y 371.029
Co 238.892	-0.000262uv	mg/L	0.000183	69.9	1.61165	-0.000262 mg/L	Y 371.029
Cr 205.560	0.000050uv	mg/L	0.000210	415.6	2.83513	0.000050 mg/L	Y 371.029
Cr 206.158	0.000400uv	mg/L	0.001187	296.4	1.91429	0.000400 mg/L	Y 371.029
Cr 267.716	-0.000023uv	mg/L	0.000087	375.9	12.8695	-0.000023 mg/L	Y 371.029
Cu 213.598	0.000294	mg/L	0.000450	152.9	0.830566	0.000294 mg/L	Y 371.029
Cu 324.754	0.009878	mg/L	0.000271	2.7	785.494	0.009878 mg/L	Y 371.029
Cu 327.395	-0.000039uv	mg/L	0.000041	104.1	14.0654	-0.000039 mg/L	Y 371.029
Fe 234.350	0.009108	mg/L	0.000119	1.3	74.6740	0.009108 mg/L	Y 371.029
Fe 238.204	0.005754	mg/L	0.000188	3.3	120.030	0.005754 mg/L	Y 371.029
Fe 259.940	0.006120	mg/L	0.000167	2.7	120.186	0.006120 mg/L	Y 371.029
Ga 287.423	-0.001166uv	mg/L	0.000981	84.1	3.98780	-0.001166 mg/L	Y 371.029
Ga 294.363	0.000371uv	mg/L	0.000941	253.9	8.20760	0.000371 mg/L	Y 371.029
Ga 417.204	-0.000340uv	mg/L	0.000798	234.9	46.2450	-0.000340 mg/L	Y 371.029
K 766.491	0.003842	mg/L	0.000255	6.6	1591.35	0.003842 mg/L	Y 371.029
K 769.897	0.000020uv	mg/L	0.000859	4304.1	4605.03	0.000020 mg/L	Y 371.029
Li 610.365	0.007525	mg/L	0.000314	4.2	63.8157	0.007525 mg/L	Y 371.029
Li 670.783	0.000299	mg/L	0.000002	0.5	37460.6	0.000299 mg/L	Y 371.029
Mg 279.078	0.003500	mg/L	0.002471	70.6	10.1539	0.003500 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	-0.000524uv	mg/L	0.000033	6.2	216.417	-0.000524 mg/L	Y 371.029
Mg 285.213	-0.000586uv	mg/L	0.000082	14.1	80.8175	-0.000586 mg/L	Y 371.029
Mn 257.610	0.000100	mg/L	0.000006	5.6	17.4835	0.000100 mg/L	Y 371.029
Mn 259.372	0.000104	mg/L	0.000012	11.4	31.2392	0.000104 mg/L	Y 371.029
Mn 260.568	0.000065	mg/L	0.000076	116.7	3.72813	0.000065 mg/L	Y 371.029
Mo 202.032	0.024336	mg/L	0.002454	10.1	67.4584	0.024336 mg/L	Y 371.029
Mo 203.846	0.024572	mg/L	0.003654	14.9	29.8527	0.024572 mg/L	Y 371.029
Mo 204.598	0.023746	mg/L	0.002470	10.4	32.5909	0.023746 mg/L	Y 371.029
Na 568.821	0.799075	mg/L	0.037897	4.7	24.7066	0.799075 mg/L	Y 371.029
Na 588.995	-0.227598uv	mg/L	0.000840	0.4	116990	-0.227598 mg/L	Y 371.029
Na 589.592	-0.427321uv	mg/L	0.000567	0.1	54840.1	-0.427321 mg/L	Y 371.029
Ni 216.555	-0.000182uv	mg/L	0.000158	86.6	1.42046	-0.000182 mg/L	Y 371.029
Ni 221.648	0.000998	mg/L	0.000109	11.0	2.80437	0.000998 mg/L	Y 371.029
Ni 231.604	0.000503uv	mg/L	0.000751	149.3	3.97066	0.000503 mg/L	Y 371.029
P 177.434	-0.000111uv	mg/L	0.008447	7612.8	2.07800	-0.000111 mg/L	Y 371.029
P 213.618	0.001545	mg/L	0.000939	60.8	2.05689	0.001545 mg/L	Y 371.029
P 214.914	0.003585uv	mg/L	0.011121	310.2	1.93314	0.003585 mg/L	Y 371.029
Pb 220.353	-0.000178uv	mg/L	0.001354	759.9	2.65852	-0.000178 mg/L	Y 371.029
Pb 261.417	0.004586	mg/L	0.003864	84.3	1.94970	0.004586 mg/L	Y 371.029
Pb 405.781	0.002201uv	mg/L	0.006798	308.8	41.2230	0.002201 mg/L	Y 371.029
Sb 206.834	0.011694	mg/L	0.001308	11.2	9.20609	0.011694 mg/L	Y 371.029
Sb 231.146	0.009691	mg/L	0.001185	12.2	6.78102	0.009691 mg/L	Y 371.029
Sb 259.804	0.018610	mg/L	0.002839	15.3	8.27518	0.018610 mg/L	Y 371.029
Se 196.026	0.050630	mg/L	0.001309	2.6	11.0206	0.050630 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.009362	20.8	5.11832	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.002151	11.6	111.796	uncal mg/L	Y 371.029
Si 251.611	0.043963	mg/L	0.001906	4.3	121.917	0.043963 mg/L	Y 371.029
Si 288.158	0.096983	mg/L	0.003461	3.6	1545.92	0.096983 mg/L	Y 371.029
Sn 189.927	-0.001157uv	mg/L	0.003291	284.5	1.96332	-0.001157 mg/L	Y 371.029
Sn 283.998	-0.000070uv	mg/L	0.001672	2403.7	2.40762	-0.000070 mg/L	Y 371.029
Sr 216.596	0.000133uv	mg/L	0.000143	108.0	9.70153	0.000133 mg/L	Y 371.029
Sr 407.771	0.000011	mg/L	0.000011	98.1	5642.44	0.000011 mg/L	Y 371.029
Sr 421.552	0.000032	mg/L	0.000011	34.7	3660.04	0.000032 mg/L	Y 371.029
Ti 334.941	0.000957	mg/L	0.000235	24.6	240.750	0.000957 mg/L	Y 371.029
Ti 336.122	0.000859	mg/L	0.000196	22.8	89.1851	0.000859 mg/L	Y 371.029
Ti 337.280	0.001271	mg/L	0.000041	3.2	38.8192	0.001271 mg/L	Y 371.029
Tl 190.794	0.002806	mg/L	0.001259	44.9	1.97240	0.002806 mg/L	Y 371.029
Tl 190.807	0.001456uv	mg/L	0.006867	471.6	1.28222	0.001456 mg/L	Y 371.029
Tl 351.923	-0.000654uv	mg/L	0.000168	25.7	4.12638	-0.000654 mg/L	Y 371.029
V 268.796	0.001069	mg/L	0.000590	55.2	40.9608	0.001069 mg/L	Y 371.029
V 292.401	-0.000116uv	mg/L	0.000052	44.4	11.9921	-0.000116 mg/L	Y 371.029
V 311.837	0.000542	mg/L	0.000075	13.9	3.23204	0.000542 mg/L	Y 371.029
Zn 202.548	-0.007701uv	mg/L	0.000458	6.0	235.463	-0.007701 mg/L	Y 371.029
Zn 206.200	-0.007644uv	mg/L	0.000617	8.1	79.8039	-0.007644 mg/L	Y 371.029
Zn 213.857	-0.000422uv	mg/L	0.000661	156.6	765.992	-0.000422 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.737048	5910.22	17.226	0.3
Y 371.029	0.945171	155865	670.935	0.4

110329A. All Data Report 3/30/2011, 14:14:33

1113232-DUP1 (Samp) **3/30/2011, 10:42:00 AM** **Rack 4, Tube 20**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000359	mg/L	0.000170	47.2	116.170	0.001797 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000632	67.4	0.945780	uncal mg/L	Y 371.029
Al 237.312	0.003733uv	mg/L	0.001736	46.5	44.0097	0.018665 mg/L	Y 371.029
Al 257.509	0.009049	mg/L	0.002614	28.9	19.3183	0.045243 mg/L	Y 371.029
Al 308.215	0.200617	mg/L	0.002030	1.0	1904.71	1.00309 mg/L	Y 371.029
As 188.980	0.003687	mg/L	0.002036	55.2	3.46495	0.018434 mg/L	Y 371.029
As 193.696	0.003307	mg/L	0.002809	84.9	3.00239	0.016536 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002490	121.6	5.91438	uncal mg/L	Y 371.029
B 182.577	0.005503	mg/L	0.002009	36.5	5.25750	0.027513 mg/L	Y 371.029
B 249.678	0.002520	mg/L	0.000351	13.9	40.9384	0.012599 mg/L	Y 371.029
B 249.772	0.002772	mg/L	0.000030	1.1	147.735	0.013860 mg/L	Y 371.029
Ba 233.527	0.009053	mg/L	0.000060	0.7	391.525	0.045265 mg/L	Y 371.029
Ba 455.403	0.010479	mg/L	0.000038	0.4	14683.3	0.052396 mg/L	Y 371.029
Ba 493.408	0.010499	mg/L	0.000043	0.4	9468.65	0.052497 mg/L	Y 371.029
Be 234.861	0.000386	mg/L	0.000009	2.4	7.42155	0.001929 mg/L	Y 371.029
Be 313.042	0.000141	mg/L	0.000009	6.1	955.723	0.000706 mg/L	Y 371.029
Be 313.107	0.000018	mg/L	0.000001	3.2	-8.18790	0.000091 mg/L	Y 371.029
Ca 393.366	2.42467n	mg/L	0.003596	0.1	2701693	12.1234 mg/L	Y 371.029
Ca 396.847	2.14432	mg/L	0.034048	1.6	4478383	10.7216 mg/L	Y 371.029
Ca 430.253	2.26071	mg/L	0.009083	0.4	8113.27	11.3036 mg/L	Y 371.029
Cd 214.439	-0.000210uv	mg/L	0.000108	51.2	2.13062	-0.001050 mg/L	Y 371.029
Cd 226.502	0.000526	mg/L	0.000137	26.0	29.1168	0.002632 mg/L	Y 371.029
Cd 228.802	0.000064uv	mg/L	0.000308	482.7	9.76650	0.000319 mg/L	Y 371.029
Co 228.615	-0.002651uv	mg/L	0.000038	1.4	1.45893	-0.013256 mg/L	Y 371.029
Co 230.786	-0.002587	mg/L	0.000094	3.6	4.80142	-0.012935 mg/L	Y 371.029
Co 238.892	-0.004883uv	mg/L	0.002385	48.8	-43.6046	-0.024414 mg/L	Y 371.029
Cr 205.560	-0.000775uv	mg/L	0.000488	63.0	3.21270	-0.003876 mg/L	Y 371.029
Cr 206.158	-0.000819uv	mg/L	0.000728	88.8	1.67581	-0.004097 mg/L	Y 371.029
Cr 267.716	-0.001015uv	mg/L	0.000130	12.8	12.3503	-0.005076 mg/L	Y 371.029
Cu 213.598	0.001117	mg/L	0.000104	9.3	8.75218	0.005586 mg/L	Y 371.029
Cu 324.754	0.004685	mg/L	0.000150	3.2	647.539	0.023423 mg/L	Y 371.029
Cu 327.395	-0.001512uv	mg/L	0.000064	4.2	12.4176	-0.007560 mg/L	Y 371.029
Fe 234.350	8.33643	mg/L	0.056377	0.7	52196.9	41.6821 mg/L	Y 371.029
Fe 238.204	6.40081	mg/L	0.032319	0.5	107120	32.0040 mg/L	Y 371.029
Fe 259.940	7.52176	mg/L	0.094029	1.3	99600.4	37.6088 mg/L	Y 371.029
Ga 287.423	0.013554	mg/L	0.001795	13.2	116.909	0.067769 mg/L	Y 371.029
Ga 294.363	-0.000050	mg/L	0.000349	698.0	10.0175	-0.000250 mg/L	Y 371.029
Ga 417.204	0.000665	mg/L	0.000909	136.7	67.9012	0.003325 mg/L	Y 371.029
K 766.491	0.195147	mg/L	0.000332	0.2	11780.7	0.975735 mg/L	Y 371.029
K 769.897	0.180302	mg/L	0.000329	0.2	12649.6	0.901511 mg/L	Y 371.029
Li 610.365	0.007637	mg/L	0.000183	2.4	67.5185	0.038185 mg/L	Y 371.029
Li 670.783	0.001503	mg/L	0.000030	2.0	40350.0	0.007514 mg/L	Y 371.029
Mg 279.078	1.35264	mg/L	0.002508	0.2	1354.90	6.76322 mg/L	Y 371.029
Mg 280.270	1.35421	mg/L	0.008197	0.6	94725.7	6.77107 mg/L	Y 371.029
Mg 285.213	1.48343	mg/L	0.009222	0.6	39597.0	7.41714 mg/L	Y 371.029
Mn 257.610	0.206390	mg/L	0.000354	0.2	22353.7	1.03195 mg/L	Y 371.029
Mn 259.372	0.205763	mg/L	0.000238	0.1	17704.3	1.02882 mg/L	Y 371.029
Mn 260.568	0.208349	mg/L	0.000236	0.1	2991.29	1.04175 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.004014	mg/L	0.001279	31.9	17.2900	0.020070 mg/L	Y 371.029
Mo 203.846	0.004085	mg/L	0.000685	16.8	8.93144	0.020426 mg/L	Y 371.029
Mo 204.598	0.003483	mg/L	0.000971	27.9	8.98465	0.017416 mg/L	Y 371.029
Na 568.821	4.61863	mg/L	0.034664	0.8	1008.63	23.0931 mg/L	Y 371.029
Na 588.995	5.35092	mg/L	0.009574	0.2	2228269	26.7546 mg/L	Y 371.029
Na 589.592	4.88927	mg/L	0.009312	0.2	1108561	24.4463 mg/L	Y 371.029
Ni 216.555	-0.004428	mg/L	0.000491	11.1	4.59050	-0.022142 mg/L	Y 371.029
Ni 221.648	-0.004998uv	mg/L	0.000374	7.5	1.65446	-0.024991 mg/L	Y 371.029
Ni 231.604	-0.004959uv	mg/L	0.000514	10.4	2.86134	-0.024795 mg/L	Y 371.029
P 177.434	0.020026	mg/L	0.002217	11.1	4.16113	0.100129 mg/L	Y 371.029
P 213.618	0.015492	mg/L	0.000919	5.9	7.44308	0.077459 mg/L	Y 371.029
P 214.914	0.021847	mg/L	0.006820	31.2	4.14157	0.109234 mg/L	Y 371.029
Pb 220.353	-0.002613uv	mg/L	0.001834	70.2	1.10642	-0.013067 mg/L	Y 371.029
Pb 261.417	0.002487	mg/L	0.001382	55.6	1.12060	0.012433 mg/L	Y 371.029
Pb 405.781	-0.004771uv	mg/L	0.001505	31.5	35.1961	-0.023853 mg/L	Y 371.029
Sb 206.834	0.002817	mg/L	0.001077	38.2	5.54058	0.014086 mg/L	Y 371.029
Sb 231.146	0.003453uv	mg/L	0.003720	107.7	4.39801	0.017266 mg/L	Y 371.029
Sb 259.804	-0.017657uv	mg/L	0.011894	67.4	4.17370	-0.088285 mg/L	Y 371.029
Se 196.026	0.031454	mg/L	0.001467	4.7	7.59257	0.157268 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.001221	6.1	2.49897	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.011059	0.3	3383.43	uncal mg/L	Y 371.029
Si 251.611	3.50329	mg/L	0.008532	0.2	3772.23	17.5164 mg/L	Y 371.029
Si 288.158	3.34108	mg/L	0.027436	0.8	20147.2	16.7054 mg/L	Y 371.029
Sn 189.927	-0.003542uv	mg/L	0.002572	72.6	1.57854	-0.017710 mg/L	Y 371.029
Sn 283.998	-0.000345uv	mg/L	0.001389	402.8	3.03150	-0.001724 mg/L	Y 371.029
Sr 216.596	0.011802	mg/L	0.000292	2.5	71.5481	0.059010 mg/L	Y 371.029
Sr 407.771	0.013979	mg/L	0.000080	0.6	43349.3	0.069895 mg/L	Y 371.029
Sr 421.552	0.014229	mg/L	0.000068	0.5	28547.6	0.071143 mg/L	Y 371.029
Ti 334.941	-0.000014	mg/L	0.000069	474.9	107.315	-0.000072 mg/L	Y 371.029
Ti 336.122	0.000016	mg/L	0.000037	226.6	42.3680	0.000081 mg/L	Y 371.029
Ti 337.280	0.000221	mg/L	0.000175	79.0	17.5347	0.001107 mg/L	Y 371.029
Tl 190.794	0.004547	mg/L	0.001603	35.2	2.46978	0.022737 mg/L	Y 371.029
Tl 190.807	-0.005592uv	mg/L	0.002638	47.2	0.401306	-0.027959 mg/L	Y 371.029
Tl 351.923	0.000647uv	mg/L	0.001686	260.5	5.61400	0.003235 mg/L	Y 371.029
V 268.796	-0.000172	mg/L	0.000204	118.5	26.6772	-0.000862 mg/L	Y 371.029
V 292.401	-0.000946uv	mg/L	0.000076	8.1	16.5052	-0.004729 mg/L	Y 371.029
V 311.837	-0.000300	mg/L	0.000050	16.8	3.25702	-0.001499 mg/L	Y 371.029
Zn 202.548	-0.008335uv	mg/L	0.000285	3.4	236.206	-0.041675 mg/L	Y 371.029
Zn 206.200	-0.006570uv	mg/L	0.000130	2.0	82.0995	-0.032848 mg/L	Y 371.029
Zn 213.857	-0.000196	mg/L	0.000143	72.9	782.035	-0.000980 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.734992	5893.74	4.233	0.1
Y 371.029	0.932562	153786	135.811	0.1

1113232-PS1 (Samp) **3/30/2011, 10:46:17 AM** **Rack 4, Tube 21**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.537645	mg/L	0.000539	0.1	23859.6	2.68822 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002036	0.4	1404.10	uncal mg/L	Y 371.029
Al 237.312	5.26255	mg/L	0.010353	0.2	6209.54	26.3127 mg/L	Y 371.029
Al 257.509	5.31049	mg/L	0.011558	0.2	2783.71	26.5524 mg/L	Y 371.029
Al 308.215	5.65814	mg/L	0.003121	0.1	29814.4	28.2907 mg/L	Y 371.029
As 188.980	0.956446	mg/L	0.006976	0.7	201.411	4.78223 mg/L	Y 371.029
As 193.696	0.948716	mg/L	0.001549	0.2	249.117	4.74358 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007545	0.3	2119.51	uncal mg/L	Y 371.029
B 182.577	1.03573	mg/L	0.009423	0.9	362.343	5.17863 mg/L	Y 371.029
B 249.678	1.05972	mg/L	0.008872	0.8	7899.87	5.29858 mg/L	Y 371.029
B 249.772	1.03841	mg/L	0.007607	0.7	14898.8	5.19207 mg/L	Y 371.029
Ba 233.527	0.977216	mg/L	0.001655	0.2	27876.2	4.88608 mg/L	Y 371.029
Ba 455.403	1.05873	mg/L	0.002243	0.2	1024793	5.29366 mg/L	Y 371.029
Ba 493.408	1.05289	mg/L	0.000937	0.1	651901	5.26447 mg/L	Y 371.029
Be 234.861	1.05198	mg/L	0.001806	0.2	86842.7	5.25991 mg/L	Y 371.029
Be 313.042	0.990398	mg/L	0.002878	0.3	1244478	4.95199 mg/L	Y 371.029
Be 313.107	0.991580	mg/L	0.002613	0.3	614883	4.95790 mg/L	Y 371.029
Ca 393.366	10.9889n	mg/L	0.008471	0.1	12189856	54.9443 mg/L	Y 371.029
Ca 396.847	10.9554	mg/L	0.013131	0.1	22772618	54.7768 mg/L	Y 371.029
Ca 430.253	12.9847	mg/L	0.003330	0.0	44774.2	64.9237 mg/L	Y 371.029
Cd 214.439	0.913335	mg/L	0.001756	0.2	8401.72	4.56667 mg/L	Y 371.029
Cd 226.502	0.931149	mg/L	0.001358	0.1	19333.8	4.65575 mg/L	Y 371.029
Cd 228.802	0.992916	mg/L	0.002549	0.3	10026.9	4.96458 mg/L	Y 371.029
Co 228.615	0.955994	mg/L	0.001953	0.2	5506.19	4.77997 mg/L	Y 371.029
Co 230.786	0.957051	mg/L	0.002254	0.2	3937.67	4.78526 mg/L	Y 371.029
Co 238.892	0.925312	mg/L	0.003377	0.4	3660.53	4.62656 mg/L	Y 371.029
Cr 205.560	0.963094	mg/L	0.003128	0.3	2678.67	4.81547 mg/L	Y 371.029
Cr 206.158	0.976802	mg/L	0.007875	0.8	1130.31	4.88401 mg/L	Y 371.029
Cr 267.716	0.957845	mg/L	0.001695	0.2	14830.0	4.78923 mg/L	Y 371.029
Cu 213.598	0.932424	mg/L	0.003137	0.3	1857.08	4.66212 mg/L	Y 371.029
Cu 324.754	1.07965	mg/L	0.002129	0.2	34357.5	5.39827 mg/L	Y 371.029
Cu 327.395	1.09391	mg/L	0.001478	0.1	46578.5	5.46955 mg/L	Y 371.029
Fe 234.350	13.3895	mg/L	0.017047	0.1	84037.1	66.9473 mg/L	Y 371.029
Fe 238.204	10.4316	mg/L	0.063122	0.6	175038	52.1579 mg/L	Y 371.029
Fe 259.940	12.1628	mg/L	0.023149	0.2	161386	60.8139 mg/L	Y 371.029
Ga 287.423	1.12275	mg/L	0.002988	0.3	2210.33	5.61374 mg/L	Y 371.029
Ga 294.363	1.07199	mg/L	0.000415	0.0	5556.05	5.35994 mg/L	Y 371.029
Ga 417.204	1.08829	mg/L	0.002975	0.3	8864.80	5.44145 mg/L	Y 371.029
K 766.491	12.3137	mg/L	0.021285	0.2	655233	61.5684 mg/L	Y 371.029
K 769.897	11.9972	mg/L	0.028886	0.2	536614	59.9862 mg/L	Y 371.029
Li 610.365	1.07828	mg/L	0.001337	0.1	35302.6	5.39141 mg/L	Y 371.029
Li 670.783	1.09231	mg/L	0.002059	0.2	2424280	5.46155 mg/L	Y 371.029
Mg 279.078	11.4248	mg/L	0.014862	0.1	11384.4	57.1238 mg/L	Y 371.029
Mg 280.270	10.8146	mg/L	0.049665	0.5	754732	54.0732 mg/L	Y 371.029
Mg 285.213	12.7545	mg/L	0.140728	1.1	339720	63.7727 mg/L	Y 371.029
Mn 257.610	1.17336	mg/L	0.002625	0.2	128234	5.86682 mg/L	Y 371.029
Mn 259.372	1.17943	mg/L	0.002874	0.2	98726.7	5.89713 mg/L	Y 371.029
Mn 260.568	1.18822	mg/L	0.005337	0.4	17074.5	5.94109 mg/L	Y 371.029
Mo 202.032	0.912783	mg/L	0.016344	1.8	2458.74	4.56391 mg/L	Y 371.029
Mo 203.846	0.911370	mg/L	0.021764	2.4	1038.60	4.55685 mg/L	Y 371.029
Mo 204.598	0.930356	mg/L	0.021357	2.3	1213.29	4.65178 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	14.8431	mg/L	0.026990	0.2	3655.14	74.2154 mg/L	Y 371.029
Na 588.995	16.4294	mg/L	0.014168	0.1	6423554	82.1471 mg/L	Y 371.029
Na 589.592	17.6734	mg/L	0.010262	0.1	3643834	88.3668 mg/L	Y 371.029
Ni 216.555	0.944222	mg/L	0.000652	0.1	2800.45	4.72111 mg/L	Y 371.029
Ni 221.648	0.938881	mg/L	0.002593	0.3	1129.07	4.69440 mg/L	Y 371.029
Ni 231.604	0.953592	mg/L	0.002732	0.3	2035.37	4.76796 mg/L	Y 371.029
P 177.434	0.984076	mg/L	0.007118	0.7	99.3283	4.92038 mg/L	Y 371.029
P 213.618	1.01178	mg/L	0.003534	0.3	366.772	5.05889 mg/L	Y 371.029
P 214.914	0.989899	mg/L	0.017270	1.7	102.805	4.94950 mg/L	Y 371.029
Pb 220.353	0.954366	mg/L	0.003836	0.4	626.892	4.77183 mg/L	Y 371.029
Pb 261.417	0.624932	mg/L	0.012998	2.1	258.126	3.12466 mg/L	Y 371.029
Pb 405.781	1.05150	mg/L	0.002715	0.3	1254.45	5.25750 mg/L	Y 371.029
Sb 206.834	0.661961	mg/L	0.006784	1.0	313.572	3.30980 mg/L	Y 371.029
Sb 231.146	0.714190	mg/L	0.004870	0.7	281.571	3.57095 mg/L	Y 371.029
Sb 259.804	0.384149	mg/L	0.038990	10.1	122.537	1.92074 mg/L	Y 371.029
Se 196.026	0.933045	mg/L	0.066220	7.1	165.930	4.66522 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.055179	6.0	101.086	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.005299	0.1	4683.40	uncal mg/L	Y 371.029
Si 251.611	4.84056	mg/L	0.006348	0.1	5203.16	24.2028 mg/L	Y 371.029
Si 288.158	4.61362	mg/L	0.012961	0.3	27457.4	23.0681 mg/L	Y 371.029
Sn 189.927	0.940603	mg/L	0.006541	0.7	169.030	4.70301 mg/L	Y 371.029
Sn 283.998	0.976809	mg/L	0.007367	0.8	1746.38	4.88405 mg/L	Y 371.029
Sr 216.596	0.994559	mg/L	0.003000	0.3	4762.84	4.97279 mg/L	Y 371.029
Sr 407.771	1.07072	mg/L	0.003711	0.3	2889407	5.35362 mg/L	Y 371.029
Sr 421.552	1.09474	mg/L	0.005196	0.5	1917475	5.47368 mg/L	Y 371.029
Ti 334.941	0.990810	mg/L	0.002517	0.3	199048	4.95405 mg/L	Y 371.029
Ti 336.122	0.983368	mg/L	0.002187	0.2	83033.9	4.91684 mg/L	Y 371.029
Ti 337.280	1.00062	mg/L	0.000871	0.1	28696.2	5.00310 mg/L	Y 371.029
Tl 190.794	0.974666	mg/L	0.004897	0.5	232.334	4.87333 mg/L	Y 371.029
Tl 190.807	0.975086	mg/L	0.008069	0.8	118.193	4.87543 mg/L	Y 371.029
Tl 351.923	1.07007	mg/L	0.002548	0.2	1522.50	5.35034 mg/L	Y 371.029
V 268.796	0.963451	mg/L	0.002860	0.3	7361.71	4.81725 mg/L	Y 371.029
V 292.401	0.998713	mg/L	0.001252	0.1	24397.3	4.99356 mg/L	Y 371.029
V 311.837	1.00609	mg/L	0.001956	0.2	35623.3	5.03046 mg/L	Y 371.029
Zn 202.548	0.894467	mg/L	0.002241	0.3	3619.39	4.47233 mg/L	Y 371.029
Zn 206.200	0.904245	mg/L	0.006036	0.7	1220.41	4.52122 mg/L	Y 371.029
Zn 213.857	1.00557	mg/L	0.003839	0.4	11774.7	5.02784 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.735450	5897.41	16.866	0.3
Y 371.029	0.932656	153801	416.237	0.3

11C1255-40 (Samp) **3/30/2011, 10:50:35 AM** **Rack 4, Tube 22**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000923	mg/L	0.000045	4.9	116.692	-0.009235 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000337	61.4	0.067090	uncal mg/L	Y 371.029
Al 237.312	-0.004459uv	mg/L	0.001312	29.4	35.2774	-0.044594 mg/L	Y 371.029
Al 257.509	-0.011749uv	mg/L	0.002193	18.7	13.4644	-0.117489 mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.199348	mg/L	0.000546	0.3	1842.45	1.99348 mg/L	Y 371.029
As 188.980	0.017105	mg/L	0.004131	24.2	5.57372	0.171050 mg/L	Y 371.029
As 193.696	0.010059	mg/L	0.000341	3.4	4.25202	0.100593 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002571	52.0	8.03817	uncal mg/L	Y 371.029
B 182.577	0.017765	mg/L	0.000659	3.7	9.59180	0.177651 mg/L	Y 371.029
B 249.678	0.015787	mg/L	0.001674	10.6	148.084	0.157875 mg/L	Y 371.029
B 249.772	0.015642	mg/L	0.001328	8.5	421.667	0.156420 mg/L	Y 371.029
Ba 233.527	0.049014	mg/L	0.000098	0.2	1532.78	0.490141 mg/L	Y 371.029
Ba 455.403	0.054854	mg/L	0.000050	0.1	57477.7	0.548542 mg/L	Y 371.029
Ba 493.408	0.054097	mg/L	0.000026	0.0	36430.9	0.540968 mg/L	Y 371.029
Be 234.861	0.000490uv	mg/L	0.000362	73.9	-11.1064	0.004898 mg/L	Y 371.029
Be 313.042	0.000119	mg/L	0.000007	6.1	918.543	0.001191 mg/L	Y 371.029
Be 313.107	0.000018	mg/L	0.000004	23.8	-5.12845	0.000180 mg/L	Y 371.029
Ca 393.366	5.64435n	mg/L	0.004044	0.1	6271378	56.4435 mg/L	Y 371.029
Ca 396.847	5.31072	mg/L	0.003828	0.1	11056117	53.1072 mg/L	Y 371.029
Ca 430.253	5.90908	mg/L	0.080636	1.4	20713.8	59.0908 mg/L	Y 371.029
Cd 214.439	-0.000063uv	mg/L	0.000055	87.5	3.92419	-0.000632 mg/L	Y 371.029
Cd 226.502	0.001092	mg/L	0.000051	4.7	51.1544	0.010924 mg/L	Y 371.029
Cd 228.802	0.000086uv	mg/L	0.000110	128.6	9.23597	0.000855 mg/L	Y 371.029
Co 228.615	-0.005320uv	mg/L	0.000042	0.8	1.78417	-0.053197 mg/L	Y 371.029
Co 230.786	-0.004077	mg/L	0.000369	9.0	12.3165	-0.040766 mg/L	Y 371.029
Co 238.892	-0.009911uv	mg/L	0.001686	17.0	-93.9018	-0.099108 mg/L	Y 371.029
Cr 205.560	-0.002276uv	mg/L	0.000220	9.6	2.62572	-0.022764 mg/L	Y 371.029
Cr 206.158	-0.002016	mg/L	0.000229	11.4	2.03008	-0.020159 mg/L	Y 371.029
Cr 267.716	-0.002378uv	mg/L	0.000091	3.8	11.5391	-0.023779 mg/L	Y 371.029
Cu 213.598	0.002871	mg/L	0.000547	19.1	21.6590	0.028705 mg/L	Y 371.029
Cu 324.754	0.003941	mg/L	0.000066	1.7	616.662	0.039411 mg/L	Y 371.029
Cu 327.395	-0.003608uv	mg/L	0.000114	3.2	8.11387	-0.036082 mg/L	Y 371.029
Fe 234.350	18.2970	mg/L	0.273101	1.5	114581	182.970 mg/L	Y 371.029
Fe 238.204	14.0812	mg/L	0.184855	1.3	235751	140.812 mg/L	Y 371.029
Fe 259.940	16.4816	mg/L	0.107287	0.7	218288	164.816 mg/L	Y 371.029
Ga 287.423	0.033028	mg/L	0.000219	0.7	256.784	0.330285 mg/L	Y 371.029
Ga 294.363	-0.000748	mg/L	0.001314	175.7	14.2866	-0.007479 mg/L	Y 371.029
Ga 417.204	0.000902	mg/L	0.000095	10.5	90.1270	0.009023 mg/L	Y 371.029
K 766.491	0.667525	mg/L	0.002053	0.3	37073.9	6.67525 mg/L	Y 371.029
K 769.897	0.610856	mg/L	0.000591	0.1	32233.4	6.10856 mg/L	Y 371.029
Li 610.365	0.008779	mg/L	0.000289	3.3	105.101	0.087791 mg/L	Y 371.029
Li 670.783	0.003855	mg/L	0.000021	0.5	46979.0	0.038548 mg/L	Y 371.029
Mg 279.078	9.29436	mg/L	0.014640	0.2	9264.42	92.9436 mg/L	Y 371.029
Mg 280.270	8.99179	mg/L	0.037530	0.4	627529	89.9179 mg/L	Y 371.029
Mg 285.213	10.3744	mg/L	0.031877	0.3	276344	103.744 mg/L	Y 371.029
Mn 257.610	0.843844	mg/L	0.002730	0.3	91299.3	8.43844 mg/L	Y 371.029
Mn 259.372	0.856040	mg/L	0.002679	0.3	72125.3	8.56040 mg/L	Y 371.029
Mn 260.568	0.848159	mg/L	0.001802	0.2	12171.9	8.48159 mg/L	Y 371.029
Mo 202.032	-0.002351	mg/L	0.003138	133.5	76.7547	-0.023508 mg/L	Y 371.029
Mo 203.846	-0.002698	mg/L	0.002488	92.2	35.2613	-0.026982 mg/L	Y 371.029
Mo 204.598	-0.004643	mg/L	0.002987	64.3	38.2166	-0.046428 mg/L	Y 371.029
Na 568.821	58.8821	mg/L	0.206055	0.3	14962.0	588.821 mg/L	Y 371.029
Na 588.995	51.7955	mg/L	0.077967	0.2	19802170	517.955 mg/L	Y 371.029
Na 589.592	59.2860	mg/L	0.103224	0.2	11886492	592.860 mg/L	Y 371.029
Ni 216.555	-0.009179	mg/L	0.001000	10.9	9.44854	-0.091785 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.010827	mg/L	0.000189	1.7	2.13094	-0.108274 mg/L	Y 371.029
Ni 231.604	-0.011021uv	mg/L	0.000332	3.0	2.55824	-0.110211 mg/L	Y 371.029
P 177.434	0.047443	mg/L	0.003749	7.9	6.82270	0.474428 mg/L	Y 371.029
P 213.618	0.040071	mg/L	0.005089	12.7	18.0278	0.400714 mg/L	Y 371.029
P 214.914	0.072408	mg/L	0.011692	16.1	9.63212	0.724083 mg/L	Y 371.029
Pb 220.353	-0.001910uv	mg/L	0.000636	33.3	1.81431	-0.019103 mg/L	Y 371.029
Pb 261.417	-0.008376	mg/L	0.001930	23.0	1.19798	-0.083761 mg/L	Y 371.029
Pb 405.781	-0.006837uv	mg/L	0.005886	86.1	42.9399	-0.068365 mg/L	Y 371.029
Sb 206.834	0.062646	mg/L	0.001872	3.0	35.6507	0.626458 mg/L	Y 371.029
Sb 231.146	0.073636	mg/L	0.003822	5.2	29.9381	0.736360 mg/L	Y 371.029
Sb 259.804	-0.032047uv	mg/L	0.015876	49.5	6.17656	-0.320474 mg/L	Y 371.029
Se 196.026	0.046459	mg/L	0.003784	8.1	9.99624	0.464590 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.002398	6.1	4.08178	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.001809	0.1	2623.08	uncal mg/L	Y 371.029
Si 251.611	2.69247	mg/L	0.000381	0.0	2925.89	26.9247 mg/L	Y 371.029
Si 288.158	2.57049	mg/L	0.007491	0.3	15735.4	25.7049 mg/L	Y 371.029
Sn 189.927	-0.003521uv	mg/L	0.003323	94.4	1.75113	-0.035210 mg/L	Y 371.029
Sn 283.998	-0.004017uv	mg/L	0.001182	29.4	3.63405	-0.040169 mg/L	Y 371.029
Sr 216.596	0.049516	mg/L	0.000460	0.9	258.741	0.495160 mg/L	Y 371.029
Sr 407.771	0.053872	mg/L	0.000505	0.9	150998	0.538723 mg/L	Y 371.029
Sr 421.552	0.054887	mg/L	0.000472	0.9	99791.1	0.548872 mg/L	Y 371.029
Ti 334.941	0.000780	mg/L	0.000380	48.7	340.643	0.007805 mg/L	Y 371.029
Ti 336.122	0.000496	mg/L	0.000405	81.7	115.588	0.004962 mg/L	Y 371.029
Ti 337.280	0.000843	mg/L	0.000076	9.0	50.3350	0.008431 mg/L	Y 371.029
Tl 190.794	0.003948	mg/L	0.001258	31.9	2.37815	0.039476 mg/L	Y 371.029
Tl 190.807	0.003368uv	mg/L	0.004225	125.4	1.56741	0.033683 mg/L	Y 371.029
Tl 351.923	0.002535uv	mg/L	0.001931	76.2	5.15267	0.025354 mg/L	Y 371.029
V 268.796	-0.004419	mg/L	0.000563	12.7	47.1944	-0.044185 mg/L	Y 371.029
V 292.401	-0.001609	mg/L	0.000118	7.3	32.0772	-0.016086 mg/L	Y 371.029
V 311.837	-0.001327	mg/L	0.000060	4.5	3.56442	-0.013270 mg/L	Y 371.029
Zn 202.548	-0.015301uv	mg/L	0.000366	2.4	234.223	-0.153007 mg/L	Y 371.029
Zn 206.200	-0.012761uv	mg/L	0.000859	6.7	82.4054	-0.127614 mg/L	Y 371.029
Zn 213.857	-0.005595	mg/L	0.000583	10.4	799.921	-0.055946 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.738530	5922.11	12.028	0.2
Y 371.029	0.927741	152991	535.393	0.3

11C1255-33 (Samp) **3/30/2011, 11:16:17 AM** **Rack 4, Tube 23**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000470	mg/L	0.000091	19.4	121.444	0.002352 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000508	113.7	-0.366756	uncal mg/L	Y 371.029
Al 237.312	0.005372	mg/L	0.001674	31.2	45.7130	0.026859 mg/L	Y 371.029
Al 257.509	0.013496	mg/L	0.007173	53.2	21.6390	0.067480 mg/L	Y 371.029
Al 308.215	0.196923	mg/L	0.001054	0.5	1884.80	0.984617 mg/L	Y 371.029
As 188.980	0.005770	mg/L	0.001122	19.4	3.89706	0.028848 mg/L	Y 371.029
As 193.696	0.004145	mg/L	0.002161	52.1	3.22222	0.020723 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003456	154.4	5.78025	uncal mg/L	Y 371.029

110329A. All Data Report 3/30/2011, 14:14:33

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.005589	mg/L	0.001371	24.5	5.29333	0.027947 mg/L	Y 371.029
B 249.678	0.002225	mg/L	0.000547	24.6	38.9497	0.011127 mg/L	Y 371.029
B 249.772	0.001704	mg/L	0.000338	19.8	138.151	0.008518 mg/L	Y 371.029
Ba 233.527	0.009964	mg/L	0.000101	1.0	417.588	0.049819 mg/L	Y 371.029
Ba 455.403	0.010963	mg/L	0.000034	0.3	15151.8	0.054816 mg/L	Y 371.029
Ba 493.408	0.010906	mg/L	0.000003	0.0	9722.23	0.054528 mg/L	Y 371.029
Be 234.861	0.000434	mg/L	0.000035	8.0	9.59930	0.002168 mg/L	Y 371.029
Be 313.042	0.000094	mg/L	0.000001	1.2	896.418	0.000470 mg/L	Y 371.029
Be 313.107	0.000020	mg/L	0.000003	14.7	-6.74019	0.000102 mg/L	Y 371.029
Ca 393.366	2.55487n	mg/L	0.005001	0.2	2845932	12.7744 mg/L	Y 371.029
Ca 396.847	2.24466	mg/L	0.039022	1.7	4686722	11.2233 mg/L	Y 371.029
Ca 430.253	2.41612	mg/L	0.005739	0.2	8645.37	12.0806 mg/L	Y 371.029
Cd 214.439	-0.000123uv	mg/L	0.000088	71.2	2.95985	-0.000615 mg/L	Y 371.029
Cd 226.502	0.000536	mg/L	0.000125	23.4	29.9285	0.002681 mg/L	Y 371.029
Cd 228.802	0.000076uv	mg/L	0.000037	48.4	9.85263	0.000380 mg/L	Y 371.029
Co 228.615	-0.002848uv	mg/L	0.000112	3.9	1.45780	-0.014238 mg/L	Y 371.029
Co 230.786	-0.002329	mg/L	0.000175	7.5	6.80295	-0.011645 mg/L	Y 371.029
Co 238.892	0.002462uv	mg/L	0.007913	321.3	-16.3204	0.012312 mg/L	Y 371.029
Cr 205.560	-0.001416uv	mg/L	0.000325	23.0	1.64253	-0.007080 mg/L	Y 371.029
Cr 206.158	-0.001334uv	mg/L	0.000469	35.2	1.17294	-0.006672 mg/L	Y 371.029
Cr 267.716	-0.001199uv	mg/L	0.000068	5.7	10.6574	-0.005994 mg/L	Y 371.029
Cu 213.598	0.000905	mg/L	0.000144	15.9	8.80433	0.004525 mg/L	Y 371.029
Cu 324.754	0.003655	mg/L	0.000205	5.6	617.191	0.018277 mg/L	Y 371.029
Cu 327.395	-0.001659uv	mg/L	0.000081	4.9	10.8252	-0.008294 mg/L	Y 371.029
Fe 234.350	8.97323	mg/L	0.144516	1.6	56182.8	44.8662 mg/L	Y 371.029
Fe 238.204	6.92573	mg/L	0.129358	1.9	115903	34.6287 mg/L	Y 371.029
Fe 259.940	8.10448	mg/L	0.078449	1.0	107313	40.5224 mg/L	Y 371.029
Ga 287.423	0.013786	mg/L	0.001627	11.8	123.920	0.068930 mg/L	Y 371.029
Ga 294.363	0.001051	mg/L	0.000803	76.4	15.9906	0.005257 mg/L	Y 371.029
Ga 417.204	0.000583	mg/L	0.000444	76.1	68.3299	0.002915 mg/L	Y 371.029
K 766.491	0.205783	mg/L	0.000581	0.3	12347.6	1.02892 mg/L	Y 371.029
K 769.897	0.195657	mg/L	0.000408	0.2	13333.4	0.978283 mg/L	Y 371.029
Li 610.365	0.007886	mg/L	0.000594	7.5	75.6997	0.039428 mg/L	Y 371.029
Li 670.783	0.001668	mg/L	0.000006	0.4	40729.9	0.008342 mg/L	Y 371.029
Mg 279.078	1.44986	mg/L	0.002481	0.2	1451.81	7.24932 mg/L	Y 371.029
Mg 280.270	1.46477	mg/L	0.007598	0.5	102438	7.32384 mg/L	Y 371.029
Mg 285.213	1.57865	mg/L	0.013772	0.9	42132.6	7.89324 mg/L	Y 371.029
Mn 257.610	0.223571	mg/L	0.001264	0.6	24214.1	1.11785 mg/L	Y 371.029
Mn 259.372	0.223002	mg/L	0.001348	0.6	19179.4	1.11501 mg/L	Y 371.029
Mn 260.568	0.223580	mg/L	0.000081	0.0	3209.79	1.11790 mg/L	Y 371.029
Mo 202.032	0.001975	mg/L	0.000319	16.1	12.0003	0.009874 mg/L	Y 371.029
Mo 203.846	0.000834	mg/L	0.001538	184.5	5.36601	0.004170 mg/L	Y 371.029
Mo 204.598	0.000169	mg/L	0.000737	436.9	4.82385	0.000844 mg/L	Y 371.029
Na 568.821	4.79878	mg/L	0.008318	0.2	1055.11	23.9939 mg/L	Y 371.029
Na 588.995	5.64240	mg/L	0.001893	0.0	2338596	28.2120 mg/L	Y 371.029
Na 589.592	5.16997	mg/L	0.004292	0.1	1164203	25.8499 mg/L	Y 371.029
Ni 216.555	-0.004742	mg/L	0.000106	2.2	4.86658	-0.023712 mg/L	Y 371.029
Ni 221.648	-0.005084uv	mg/L	0.000971	19.1	2.00974	-0.025421 mg/L	Y 371.029
Ni 231.604	-0.005378uv	mg/L	0.000373	6.9	2.77491	-0.026890 mg/L	Y 371.029
P 177.434	0.025109	mg/L	0.002806	11.2	4.66980	0.125544 mg/L	Y 371.029
P 213.618	0.014577	mg/L	0.001091	7.5	7.14905	0.072885 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.035778	mg/L	0.015840	44.3	5.54830	0.178892 mg/L	Y 371.029
Pb 220.353	0.000982uv	mg/L	0.002323	236.5	3.45956	0.004911 mg/L	Y 371.029
Pb 261.417	0.003924	mg/L	0.001401	35.7	1.71005	0.019618 mg/L	Y 371.029
Pb 405.781	-0.004531uv	mg/L	0.003661	80.8	35.6137	-0.022656 mg/L	Y 371.029
Sb 206.834	0.003864	mg/L	0.001026	26.6	6.05320	0.019319 mg/L	Y 371.029
Sb 231.146	0.005488	mg/L	0.001034	18.8	5.18341	0.027441 mg/L	Y 371.029
Sb 259.804	-0.027663uv	mg/L	0.001848	6.7	1.81405	-0.138314 mg/L	Y 371.029
Se 196.026	0.025177	mg/L	0.002497	9.9	6.48774	0.125886 mg/L	Y 371.029
Se 203.985	uncal	mg/L	0.001754	6.3	3.27606	uncal mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.003174	0.1	3600.63	uncal mg/L	Y 371.029
Si 251.611	3.72194	mg/L	0.013140	0.4	4002.98	18.6097 mg/L	Y 371.029
Si 288.158	3.56420	mg/L	0.007905	0.2	21426.7	17.8210 mg/L	Y 371.029
Sn 189.927	0.000841uv	mg/L	0.004361	518.3	2.35802	0.004207 mg/L	Y 371.029
Sn 283.998	-0.000442uv	mg/L	0.001421	321.8	2.73096	-0.002208 mg/L	Y 371.029
Sr 216.596	0.012914	mg/L	0.000130	1.0	77.3261	0.064569 mg/L	Y 371.029
Sr 407.771	0.014622	mg/L	0.000034	0.2	45088.3	0.073110 mg/L	Y 371.029
Sr 421.552	0.014767	mg/L	0.000031	0.2	29494.3	0.073834 mg/L	Y 371.029
Ti 334.941	-0.000154	mg/L	0.000075	48.6	84.1826	-0.000768 mg/L	Y 371.029
Ti 336.122	-0.000120	mg/L	0.000061	50.8	32.7940	-0.000598 mg/L	Y 371.029
Ti 337.280	0.000134	mg/L	0.000168	124.9	15.7149	0.000672 mg/L	Y 371.029
Tl 190.794	0.007167	mg/L	0.003318	46.3	3.09567	0.035834 mg/L	Y 371.029
Tl 190.807	-0.000117uv	mg/L	0.007884	6742.4	1.05205	-0.000585 mg/L	Y 371.029
Tl 351.923	0.002292	mg/L	0.000674	29.4	7.92438	0.011459 mg/L	Y 371.029
V 268.796	-0.000703	mg/L	0.000027	3.9	21.3152	-0.003517 mg/L	Y 371.029
V 292.401	-0.000827	mg/L	0.000129	15.6	21.2848	-0.004137 mg/L	Y 371.029
V 311.837	-0.000317	mg/L	0.000125	39.5	4.92535	-0.001584 mg/L	Y 371.029
Zn 202.548	-0.004766uv	mg/L	0.000099	2.1	249.642	-0.023828 mg/L	Y 371.029
Zn 206.200	-0.004117uv	mg/L	0.000322	7.8	85.2109	-0.020587 mg/L	Y 371.029
Zn 213.857	0.001602	mg/L	0.000369	23.0	802.458	0.008008 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.746979	5989.86	8.135	0.1
Y 371.029	0.929157	153225	354.092	0.2

11C1443-01 (Samp) **3/30/2011, 11:20:34 AM** **Rack 4, Tube 24**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002127	mg/L	0.000156	7.3	116.747	-0.010634 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000805	54.2	2.62269	uncal mg/L	Y 371.029
Al 237.312	18.8103	mg/L	0.012039	0.1	22082.3	94.0515 mg/L	Y 371.029
Al 257.509	19.0400	mg/L	0.017991	0.1	9956.14	95.2000 mg/L	Y 371.029
Al 308.215	19.4570	mg/L	0.013940	0.1	100081	97.2851 mg/L	Y 371.029
As 188.980	0.017876	mg/L	0.005584	31.2	5.31116	0.089380 mg/L	Y 371.029
As 193.696	0.003945uv	mg/L	0.003517	89.1	2.44618	0.019726 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004906	44.9	9.78289	uncal mg/L	Y 371.029
B 182.577	0.015832	mg/L	0.002158	13.6	9.26424	0.079158 mg/L	Y 371.029
B 249.678	0.007864	mg/L	0.000554	7.0	107.622	0.039320 mg/L	Y 371.029
B 249.772	0.009066	mg/L	0.000428	4.7	564.316	0.045331 mg/L	Y 371.029
Ba 233.527	0.236779	mg/L	0.000717	0.3	6877.22	1.18390 mg/L	Y 371.029

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C3102 **Matrix:** Water **Department:** Metals **Instrument:** PE ELAN 9000

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Wednesday, March 30, 2011 11:11:04
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.180
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	20433.1	20433.076	351.932	1.7
	Rh	102.9	123761.5	123761.546	1827.938	1.5
	In	114.9	156016.4	156016.420	2059.629	1.3
	Pb	208.0	170006.9	170006.871	1985.075	1.2
	U	238.1	305220.9	305220.874	1868.499	0.6
⎡>	Ba	137.9	200120.4	200120.425	1785.393	0.9
⎣	Ba++	69.0	8406.3	0.042	0.006	15.4
⎡>	Ce	139.9	234436.7	234436.736	2087.711	0.9
⎣	CeO	155.9	6410.2	0.027	0.000	1.2
	Bkgd	220.0	31.5	31.467	2.012	6.4

Current Optimization File Data

Current Value	Description
0.78	Nebulizer Gas Flow
6.25	Lens Voltage
1350.00	ICP RF Power
-1937.50	Analog Stage Voltage
950.00	Pulse Stage Voltage
27.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	15	4.8	4318.4
Co	59	15	5.3	111820.5
In	115	15	6.5	285587.4

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	12.025	2760	2018	0.846	
Mg	23.985	23.929	5663	2013	0.861	
Rh	102.905	102.879	24848	2009	0.781	
Ce	139.905	139.929	33853	2005	0.776	
Pb	207.977	207.978	50407	1997	0.776	
U	238.050	238.026	57719	2008	0.724	

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Wednesday, March 30, 2011 11:36:18
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.181
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	35188.2	35188.178	424.557	1.2
	Rh	102.9	306729.1	306729.126	3641.465	1.2
	In	114.9	374746.9	374746.885	4389.649	1.2
	Pb	208.0	227796.6	227796.627	2100.219	0.9
	U	238.1	426494.9	426494.950	2514.325	0.6
⎡>	Ba	137.9	359963.5	359963.523	4166.015	1.2
⎣	Ba++	69.0	12523.0	0.035	0.000	0.5
⎡>	Ce	139.9	434030.9	434030.859	4156.423	1.0
⎣	CeO	155.9	9445.6	0.022	0.000	1.9
	Bkgd	220.0	34.5	34.500	2.432	7.1

Current Optimization File Data

Current Value	Description
0.78	Nebulizer Gas Flow
7.25	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
950.00	Pulse Stage Voltage
20.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.8	3858.8
Co	59	17	7.0	127391.0
In	115	17	7.8	392985.4

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Wednesday, March 30, 2011 12:04:15
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.182
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	36985.0	36985.034	658.633	1.8
	Rh	102.9	332206.1	332206.126	2785.845	0.8
	In	114.9	370606.5	370606.504	3369.458	0.9
	Pb	208.0	262412.1	262412.132	3238.183	1.2
	U	238.1	460530.1	460530.119	3752.187	0.8
⎡>	Ba	137.9	381389.1	381389.077	3264.794	0.9
⎣	Ba++	69.0	11748.6	0.031	0.002	7.0
⎡>	Ce	139.9	464278.8	464278.810	4848.175	1.0
⎣	CeO	155.9	10285.7	0.022	0.000	1.3
	Bkgd	220.0	40.4	40.367	2.060	5.1

Current Optimization File Data

Current Value	Description
0.78	Nebulizer Gas Flow
7.25	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
950.00	Pulse Stage Voltage
15.00	Discriminator Threshold
-16.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.8	3858.8
Co	59	17	7.0	127391.0
In	115	17	7.8	392985.4

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 12:15:26
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\Blank.001
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	88821.88		
	Be	9		mg/L	47.33		
	B	11		mg/L	648.03		
	Na	23		mg/L	24168.45		
	Mg	24		mg/L	546.69		
	Al	27		mg/L	2976.86		
	Si	28		mg/L	210604.84		
	K	39		mg/L	3042457.71		
	Ca	44		mg/L	120448.24		
>	Sc	45		mg/L	385526.06		
	Ti	47		mg/L	1744.85		
	V	51		mg/L	-27975.63		
	Cr	52		mg/L	17448.28		
	Mn	55		mg/L	1526.48		
	Fe	57		mg/L	16934.60		
	Ni	58		mg/L	4986.75		
	Co	59		mg/L	175.34		
	Ni	60		mg/L	139.67		
	Ni	62		mg/L	159.67		
	Cu	63		mg/L	410.01		
	Cu	65		mg/L	315.01		
	Zn	66		mg/L	569.69		
	Zn	68		mg/L	916.06		
	Ga	69		mg/L	3450.02		
>	Ge	72		mg/L	290273.05		
	As	75		mg/L	953.93		
	Se	77		mg/L	9495.72		
	Se	82		mg/L	-40.57		
	Sr	88		mg/L	582.36		
>	Y	89		mg/L	1207672.70		
	Mo	95		mg/L	370.34		
	Mo	98		mg/L	528.32		
>	Rh	103		mg/L	1108598.98		
	Ag	107		mg/L	165.34		
	Ag	109		mg/L	141.00		
	Cd	111		mg/L	46.67		
	Cd	114		mg/L	267.89		
>	In	115		mg/L	1183204.64		
	Sn	118		mg/L	371.34		
	Sn	120		mg/L	464.22		
	Sb	121		mg/L	4909.71		
	Sb	123		mg/L	3656.25		
	Ba	135		mg/L	108.67		

	Ba	137	mg/L	155.72
>	Tb	159	mg/L	1799369.98
>	Ho	165	mg/L	1691794.43
	Hg	202	mg/L	217.67
	Tl	203	mg/L	1363.12
	Tl	205	mg/L	3207.60
	Pb	208	mg/L	595.68
	Bi	209	mg/L	499.35
	Th	232	mg/L	5695.51
	U	238	mg/L	73.33

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 12:20:31
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\Standard 1.002
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	84734.89	84734.891	4.987
	Be	9		mg/L	98.00	0.001	10.186
	B	11		mg/L	638.03	0.000	387.939
	Na	23		mg/L	114676.57	0.218	0.994
	Mg	24		mg/L	1553.82	0.002	6.177
	Al	27		mg/L	3883.20	0.002	32.924
	Si	28		mg/L	218270.17	-0.011	466.549
	K	39		mg/L	3059729.77	-0.397	97.961
	Ca	44		mg/L	124327.30	-0.008	186.977
>	Sc	45		mg/L	408768.43	408768.432	5.249
	Ti	47		mg/L	1945.23	0.000	33.040
	V	51		mg/L	-24816.93	0.012	95.048
	Cr	52		mg/L	19059.24	0.002	407.703
	Mn	55		mg/L	4269.38	0.006	4.521
	Fe	57		mg/L	17410.52	-0.001	40.559
	Ni	58		mg/L	6568.77	0.006	13.579
	Co	59		mg/L	2500.70	0.008	0.627
	Ni	60		mg/L	716.37	0.002	3.299
	Ni	62		mg/L	248.34	0.000	9.689
	Cu	63		mg/L	3023.87	0.009	8.878
	Cu	65		mg/L	1595.82	0.004	16.660
	Zn	66		mg/L	1868.88	0.005	11.463
	Zn	68		mg/L	1799.86	0.003	1.382
	Ga	69		mg/L	5642.14	0.008	1.555
>	Ge	72		mg/L	287081.40	287081.401	3.316
	As	75		mg/L	1138.16	0.001	292.739
	Se	77		mg/L	10199.15	0.003	62.631
	Se	82		mg/L	-8.42	0.000	78.956
	Sr	88		mg/L	5627.47	0.004	4.383
>	Y	89		mg/L	1199167.38	1199167.376	4.223
	Mo	95		mg/L	1089.41	0.001	9.248
	Mo	98		mg/L	1746.37	0.001	16.676
>	Rh	103		mg/L	1058703.97	1058703.974	5.524
	Ag	107		mg/L	2205.96	0.002	5.037
	Ag	109		mg/L	2070.92	0.002	5.685
	Cd	111		mg/L	630.03	0.001	4.338
	Cd	114		mg/L	1519.07	0.001	16.358
>	In	115		mg/L	1204367.69	1204367.688	4.528
	Sn	118		mg/L	1788.86	0.001	6.524
	Sn	120		mg/L	2445.60	0.002	12.745
	Sb	121		mg/L	5803.58	0.001	46.435
	Sb	123		mg/L	4568.71	0.001	31.518
	Ba	135		mg/L	685.37	0.000	3.536

	Ba	137	mg/L	1141.42	0.001	7.792
>	Tb	159	mg/L	1818813.69	1818813.686	1.477
>	Ho	165	mg/L	1758715.63	1758715.630	6.984
	Hg	202	mg/L	63.67	-0.000	1.836
	Tl	203	mg/L	3289.96	0.001	21.529
	Tl	205	mg/L	7742.39	0.003	30.399
	Pb	208	mg/L	9571.42	0.005	4.467
	Bi	209	mg/L	7209.27	0.004	2.214
	Th	232	mg/L	8691.58	0.002	29.654
	U	238	mg/L	7581.91	0.004	13.752

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 12:25:38
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\Standard 2.003
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	89354.43	89354.432	8.097
	Be	9	0.001000	mg/L	186.00	0.002	24.657
	B	11	0.001000	mg/L	659.36	0.000	691.076
	Na	23	0.100000	mg/L	214981.83	0.487	4.008
	Mg	24	0.001000	mg/L	4140.65	0.009	7.126
	Al	27	0.001000	mg/L	6967.07	0.010	17.598
	Si	28	0.001000	mg/L	215371.64	0.008	1010.430
	K	39	0.100000	mg/L	3176141.18	0.261	347.445
	Ca	44	0.100000	mg/L	132040.98	0.026	110.431
>	Sc	45		mg/L	392021.16	392021.162	8.733
	Ti	47	0.001000	mg/L	2007.24	0.001	70.346
	V	51	0.001000	mg/L	-21225.03	0.019	37.223
	Cr	52	0.001000	mg/L	21967.51	0.011	79.385
	Mn	55	0.001000	mg/L	7355.38	0.015	8.466
	Fe	57	0.001000	mg/L	17244.85	0.000	1290.609
	Ni	58	0.001000	mg/L	8413.65	0.012	23.032
	Co	59	0.001000	mg/L	5008.76	0.017	2.291
	Ni	60	0.001000	mg/L	1605.16	0.005	2.044
	Ni	62	0.001000	mg/L	388.68	0.001	7.525
	Cu	63	0.001000	mg/L	4095.97	0.013	11.822
	Cu	65	0.001000	mg/L	2141.27	0.006	15.694
	Zn	66	0.001000	mg/L	5429.68	0.017	11.348
	Zn	68	0.001000	mg/L	4360.42	0.012	4.599
	Ga	69	0.001000	mg/L	8146.07	0.016	1.634
>	Ge	72		mg/L	288738.28	288738.276	5.051
	As	75	0.001000	mg/L	1722.62	0.003	29.681
	Se	77	0.001000	mg/L	10110.06	0.002	109.448
	Se	82	0.001000	mg/L	45.35	0.000	34.059
	Sr	88	0.001000	mg/L	11869.90	0.009	4.561
>	Y	89		mg/L	1217979.33	1217979.328	5.127
	Mo	95	0.001000	mg/L	1842.87	0.001	14.111
	Mo	98	0.001000	mg/L	2933.03	0.002	14.791
>	Rh	103		mg/L	1082787.64	1082787.641	5.528
	Ag	107	0.001000	mg/L	4434.80	0.004	2.447
	Ag	109	0.001000	mg/L	4207.02	0.004	3.103
	Cd	111	0.001000	mg/L	1147.42	0.001	6.591
	Cd	114	0.001000	mg/L	2795.85	0.002	17.238
>	In	115		mg/L	1155532.53	1155532.533	5.112
	Sn	118	0.001000	mg/L	3362.99	0.003	8.712
	Sn	120	0.001000	mg/L	4764.20	0.004	12.841
	Sb	121	0.001000	mg/L	7577.57	0.002	22.894
	Sb	123	0.001000	mg/L	5726.88	0.002	6.354
	Ba	135	0.001000	mg/L	1257.10	0.001	8.966

	Ba	137	0.001000	mg/L	2208.27	0.001	2.862
>	Tb	159		mg/L	1766702.69	1766702.691	1.651
>	Ho	165		mg/L	1654680.28	1654680.277	7.515
	Hg	202	0.000020	mg/L	69.33	-0.000	1.984
	Tl	203	0.001000	mg/L	5618.13	0.003	8.222
	Tl	205	0.001000	mg/L	13558.26	0.006	15.997
	Pb	208	0.001000	mg/L	18628.95	0.011	7.278
	Bi	209	0.001000	mg/L	14021.63	0.008	3.321
	Th	232	0.001000	mg/L	14510.40	0.005	18.121
	U	238	0.001000	mg/L	16435.77	0.010	16.366

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 12:30:44
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\Standard 3.004
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	89952.89	89952.889	7.126
	Be	9	0.004990	mg/L	677.37	0.007	3.798
	B	11	0.005039	mg/L	986.40	0.004	11.136
	Na	23	0.498758	mg/L	783309.24	1.953	2.353
	Mg	24	0.004841	mg/L	6097.77	0.014	2.951
	Al	27	0.004895	mg/L	11148.94	0.021	7.655
	Si	28	0.004920	mg/L	226859.72	0.039	136.128
	K	39	0.497554	mg/L	4209122.48	2.960	29.869
	Ca	44	0.494569	mg/L	163283.01	0.108	21.798
>	Sc	45		mg/L	388958.08	388958.078	5.549
	Ti	47	0.004993	mg/L	2957.51	0.003	8.197
	V	51	0.004970	mg/L	-11482.77	0.042	39.107
	Cr	52	0.004968	mg/L	35170.01	0.045	18.666
	Mn	55	0.004991	mg/L	26890.34	0.065	8.909
	Fe	57	0.004878	mg/L	17822.64	0.002	68.064
	Ni	58	0.004980	mg/L	16835.47	0.041	18.935
	Co	59	0.004996	mg/L	22636.71	0.077	7.392
	Ni	60	0.004977	mg/L	5392.32	0.018	3.534
	Ni	62	0.004975	mg/L	969.73	0.003	7.516
	Cu	63	0.005002	mg/L	13595.64	0.045	4.543
	Cu	65	0.005001	mg/L	6771.59	0.022	9.390
	Zn	66	0.004275	mg/L	4570.86	0.014	14.300
	Zn	68	0.004324	mg/L	3807.84	0.010	8.514
	Ga	69	0.004996	mg/L	25761.39	0.077	3.942
>	Ge	72		mg/L	291784.26	291784.259	5.625
	As	75	0.004994	mg/L	5544.62	0.016	14.558
	Se	77	0.005117	mg/L	10683.38	0.004	73.643
	Se	82	0.004981	mg/L	297.67	0.000	19.546
	Sr	88	0.004993	mg/L	51184.81	0.041	4.484
>	Y	89		mg/L	1242420.08	1242420.084	9.439
	Mo	95	0.005002	mg/L	8317.89	0.006	7.096
	Mo	98	0.005002	mg/L	13072.50	0.010	15.725
>	Rh	103		mg/L	1049658.84	1049658.843	2.685
	Ag	107	0.005000	mg/L	20993.10	0.020	3.364
	Ag	109	0.004999	mg/L	19989.86	0.019	7.260
	Cd	111	0.005000	mg/L	4985.09	0.005	6.619
	Cd	114	0.004997	mg/L	11527.81	0.011	1.693
>	In	115		mg/L	1146981.76	1146981.762	6.516
	Sn	118	0.004996	mg/L	14598.20	0.012	4.335
	Sn	120	0.004994	mg/L	20570.35	0.018	8.178
	Sb	121	0.004993	mg/L	20042.67	0.013	15.946
	Sb	123	0.004998	mg/L	15421.21	0.010	11.880
	Ba	135	0.004995	mg/L	5302.27	0.003	12.586

	Ba	137	0.004992	mg/L	9202.14	0.005	9.081
>	Tb	159		mg/L	1794998.64	1794998.637	4.114
>	Ho	165		mg/L	1698130.91	1698130.915	1.684
	Hg	202	0.000474	mg/L	68.00	-0.000	5.747
	Tl	203	0.004996	mg/L	23851.20	0.013	3.138
	Tl	205	0.004996	mg/L	58349.16	0.032	6.115
	Pb	208	0.004992	mg/L	79909.73	0.047	4.253
	Bi	209	0.004996	mg/L	66182.96	0.039	4.568
	Th	232	0.004999	mg/L	65678.01	0.035	4.879
	U	238	0.004992	mg/L	75973.97	0.045	5.510

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 12:35:51
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\Standard 4.005
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	89415.01	89415.013	2.724
	Be	9	0.009956	mg/L	1266.10	0.014	4.271
	B	11	0.009954	mg/L	1320.44	0.007	17.318
	Na	23	1.005418	mg/L	1571356.69	3.984	1.664
	Mg	24	0.010364	mg/L	12814.16	0.032	6.992
	Al	27	0.010259	mg/L	21227.68	0.047	9.149
	Si	28	0.008769	mg/L	229789.41	0.046	47.225
	K	39	0.994559	mg/L	5522189.83	6.331	6.182
	Ca	44	0.997266	mg/L	208473.52	0.224	2.731
>	Sc	45		mg/L	388429.99	388429.986	3.439
	Ti	47	0.010130	mg/L	4391.11	0.007	10.966
	V	51	0.010395	mg/L	9019.35	0.097	38.477
	Cr	52	0.009922	mg/L	51646.14	0.088	4.777
	Mn	55	0.010003	mg/L	52223.52	0.130	5.563
	Fe	57	0.009794	mg/L	18749.18	0.004	18.114
	Ni	58	0.010169	mg/L	30049.59	0.088	8.067
	Co	59	0.010097	mg/L	46920.71	0.164	10.707
	Ni	60	0.010081	mg/L	10742.46	0.037	7.447
	Ni	62	0.010042	mg/L	1751.85	0.006	2.884
	Cu	63	0.010120	mg/L	26806.18	0.092	3.771
	Cu	65	0.010143	mg/L	13445.41	0.046	3.131
	Zn	66	0.011048	mg/L	11728.35	0.039	7.602
	Zn	68	0.011022	mg/L	8947.83	0.028	10.563
	Ga	69	0.010051	mg/L	48461.39	0.158	7.328
>	Ge	72		mg/L	286343.38	286343.380	3.683
	As	75	0.010002	mg/L	10167.27	0.032	11.861
	Se	77	0.010711	mg/L	11695.98	0.008	21.523
	Se	82	0.010147	mg/L	668.65	0.001	10.757
	Sr	88	0.010051	mg/L	99283.31	0.084	8.544
>	Y	89		mg/L	1181965.13	1181965.132	6.939
	Mo	95	0.010088	mg/L	16494.15	0.014	4.043
	Mo	98	0.010127	mg/L	26703.75	0.022	3.896
>	Rh	103		mg/L	1074745.48	1074745.484	7.239
	Ag	107	0.009993	mg/L	42639.95	0.040	3.535
	Ag	109	0.009975	mg/L	40100.00	0.037	9.265
	Cd	111	0.009996	mg/L	9967.59	0.009	16.944
	Cd	114	0.010017	mg/L	23276.83	0.022	11.548
>	In	115		mg/L	1190073.48	1190073.477	1.731
	Sn	118	0.010042	mg/L	30815.31	0.026	6.180
	Sn	120	0.009990	mg/L	42086.05	0.035	2.464
	Sb	121	0.010196	mg/L	42333.49	0.031	5.108
	Sb	123	0.010196	mg/L	32471.84	0.024	9.199
	Ba	135	0.010118	mg/L	10884.29	0.006	10.667

	Ba	137	0.010152	mg/L	19320.75	0.011	13.855
>	Tb	159		mg/L	1741413.66	1741413.664	7.022
>	Ho	165		mg/L	1671430.63	1671430.628	2.072
	Hg	202	0.001393	mg/L	61.00	-0.000	8.253
	Tl	203	0.010066	mg/L	47865.47	0.028	8.116
	Tl	205	0.010056	mg/L	116724.94	0.068	6.931
	Pb	208	0.010025	mg/L	157640.47	0.094	2.515
	Bi	209	0.010077	mg/L	136051.48	0.081	3.933
	Th	232	0.010249	mg/L	150742.53	0.087	7.849
	U	238	0.010072	mg/L	156078.52	0.093	6.621

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 12:40:59
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\Standard 5.006
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	85495.13	85495.133	2.343
	Be	9	0.100040	mg/L	12452.66	0.145	5.363
	B	11	0.100072	mg/L	8201.45	0.089	6.831
	Na	23	10.000583	mg/L	15506135.19	39.604	4.011
	Mg	24	0.100026	mg/L	114397.24	0.291	6.339
	Al	27	0.099992	mg/L	173826.73	0.437	7.948
	Si	28	0.099352	mg/L	319470.24	0.271	22.278
	K	39	9.995877	mg/L	28342367.87	64.605	5.680
	Ca	44	9.998727	mg/L	1014344.51	2.281	3.934
>	Sc	45		mg/L	391231.24	391231.239	3.082
	Ti	47	0.099998	mg/L	28388.60	0.068	6.823
	V	51	0.100064	mg/L	349559.89	0.967	13.459
	Cr	52	0.099984	mg/L	354647.03	0.862	5.309
	Mn	55	0.099994	mg/L	503583.10	1.283	6.803
	Fe	57	0.099609	mg/L	29895.71	0.033	6.700
	Ni	58	0.099985	mg/L	241223.19	0.831	8.793
	Co	59	0.099981	mg/L	449048.93	1.579	9.700
	Ni	60	0.099997	mg/L	102782.14	0.360	5.166
	Ni	62	0.100006	mg/L	15797.57	0.055	1.628
	Cu	63	0.100017	mg/L	257651.04	0.901	4.265
	Cu	65	0.100024	mg/L	129616.40	0.454	3.060
	Zn	66	0.099994	mg/L	85797.58	0.300	8.322
	Zn	68	0.099989	mg/L	62449.17	0.216	9.813
	Ga	69	0.100004	mg/L	453301.63	1.581	7.381
>	Ge	72		mg/L	285181.58	285181.576	4.505
	As	75	0.100027	mg/L	98912.87	0.343	4.523
	Se	77	0.098748	mg/L	15629.25	0.022	8.273
	Se	82	0.100004	mg/L	6931.27	0.006	5.206
	Sr	88	0.100007	mg/L	981248.75	0.842	7.475
>	Y	89		mg/L	1166794.42	1166794.421	3.486
	Mo	95	0.100015	mg/L	164370.37	0.140	4.337
	Mo	98	0.100014	mg/L	265608.48	0.227	2.346
>	Rh	103		mg/L	1090738.89	1090738.888	8.186
	Ag	107	0.099988	mg/L	422929.10	0.389	5.142
	Ag	109	0.099982	mg/L	393683.36	0.363	13.171
	Cd	111	0.099995	mg/L	98908.99	0.092	17.925
	Cd	114	0.099993	mg/L	228969.61	0.211	14.099
>	In	115		mg/L	1170004.49	1170004.488	4.377
	Sn	118	0.099996	mg/L	297820.66	0.254	3.258
	Sn	120	0.100005	mg/L	412380.32	0.352	2.852
	Sb	121	0.100005	mg/L	380748.23	0.322	5.608
	Sb	123	0.100005	mg/L	291545.23	0.247	11.800
	Ba	135	0.100005	mg/L	107711.10	0.062	7.530

	Ba	137	0.100005	mg/L	190877.02	0.111	12.396
>	Tb	159		mg/L	1736152.69	1736152.693	8.037
>	Ho	165		mg/L	1693116.32	1693116.315	7.128
	Hg	202	0.010124	mg/L	110.67	-0.000	4.739
	Tl	203	0.100000	mg/L	472703.40	0.280	12.357
	Tl	205	0.099985	mg/L	1128159.73	0.668	11.682
	Pb	208	0.100006	mg/L	1586799.16	0.938	1.825
	Bi	209	0.099988	mg/L	1342005.83	0.795	6.155
	Th	232	0.100022	mg/L	1555113.74	0.920	10.636
	U	238	0.099975	mg/L	1507481.20	0.895	10.740

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 12:46:05
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-ICV1.007
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	87933.45	87933.448	4.922
	Be	9	0.039754	mg/L	5106.15	0.058	0.043
	B	11	0.040810	mg/L	3781.49	0.036	0.899
	Na	23	0.368297	mg/L	636009.85	1.486	0.222
	Mg	24	0.378394	mg/L	450504.95	1.095	2.810
	Al	27	0.185105	mg/L	334641.13	0.807	1.415
	Si	28	0.006661	mg/L	234897.93	0.027	149.401
	K	39	0.322144	mg/L	3931901.32	1.694	28.816
	Ca	44	0.290586	mg/L	152679.67	0.060	25.656
>	Sc	45		mg/L	410639.69	410639.688	3.593
	Ti	47	0.037903	mg/L	12430.30	0.026	2.053
	V	51	0.038683	mg/L	124653.94	0.376	5.596
	Cr	52	0.036614	mg/L	148226.51	0.316	6.809
	Mn	55	0.038552	mg/L	204879.44	0.496	6.159
	Fe	57	0.156727	mg/L	39062.19	0.051	5.342
	Ni	58	0.042321	mg/L	102771.53	0.353	16.164
	Co	59	0.039523	mg/L	173980.86	0.625	11.855
	Ni	60	0.039787	mg/L	40322.40	0.144	5.327
	Ni	62	0.039764	mg/L	6275.90	0.022	2.723
	Cu	63	0.040269	mg/L	102199.47	0.365	6.538
	Cu	65	0.040836	mg/L	51984.22	0.186	12.682
	Zn	66	0.038838	mg/L	33923.12	0.120	16.738
	Zn	68	0.036987	mg/L	23965.47	0.083	11.217
	Ga	69	0.039216	mg/L	176333.39	0.619	5.647
>	Ge	72		mg/L	280257.12	280257.124	9.348
	As	75	0.040145	mg/L	39224.25	0.137	2.443
	Se	77	0.032821	mg/L	11805.11	0.010	49.168
	Se	82	0.041007	mg/L	2749.82	0.002	16.848
	Sr	88	0.040694	mg/L	392774.38	0.342	4.504
>	Y	89		mg/L	1148388.03	1148388.029	8.333
	Mo	95	0.041944	mg/L	67664.03	0.059	3.712
	Mo	98	0.042697	mg/L	110948.93	0.097	9.486
>	Rh	103		mg/L	1084220.71	1084220.713	6.651
	Ag	107	0.021336	mg/L	89992.61	0.083	8.833
	Ag	109	0.021150	mg/L	83356.63	0.077	14.595
	Cd	111	0.040109	mg/L	39714.48	0.037	12.540
	Cd	114	0.041108	mg/L	94408.85	0.087	5.043
>	In	115		mg/L	1208792.06	1208792.056	7.289
	Sn	118	0.038464	mg/L	118444.05	0.098	2.331
	Sn	120	0.038451	mg/L	163322.57	0.135	9.361
	Sb	121	0.045398	mg/L	179552.77	0.145	13.687
	Sb	123	0.046038	mg/L	139752.63	0.113	11.975
	Ba	135	0.039167	mg/L	42812.02	0.024	12.795

	Ba	137	0.038891	mg/L	75531.22	0.043	11.244
>	Tb	159		mg/L	1763157.64	1763157.635	5.946
>	Ho	165		mg/L	1710862.67	1710862.669	0.267
	Hg	202	0.021678	mg/L	165.67	-0.000	31.685
	Tl	203	0.040002	mg/L	192642.27	0.112	4.760
	Tl	205	0.039605	mg/L	455766.55	0.265	1.641
	Pb	208	0.039361	mg/L	632457.18	0.369	2.348
	Bi	209	0.040611	mg/L	552843.84	0.323	4.705
	Th	232	0.040859	mg/L	642683.22	0.372	5.592
	U	238	0.038598	mg/L	592385.75	0.346	0.294

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 12:51:09
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-ICB1.008
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	87669.23	87669.226	3.420
	Be	9	0.000116	mg/L	37.33	-0.000	62.333
	B	11	0.000121	mg/L	578.69	-0.001	146.879
	Na	23	-0.010331	mg/L	19520.16	-0.012	9.243
	Mg	24	-0.000855	mg/L	548.69	0.000	4887.432
	Al	27	-0.000445	mg/L	3005.54	0.000	2045.233
	Si	28	-0.011280	mg/L	202878.27	-0.021	249.329
	K	39	0.022067	mg/L	2951050.36	-0.257	204.796
	Ca	44	-0.040267	mg/L	114602.65	-0.016	121.279
>	Sc	45		mg/L	387632.53	387632.526	6.425
	Ti	47	-0.000108	mg/L	1671.84	-0.000	86.042
	V	51	0.001695	mg/L	-20951.88	0.019	95.284
	Cr	52	-0.000084	mg/L	17561.15	0.000	1942.288
	Mn	55	-0.000137	mg/L	1382.12	-0.000	32.343
	Fe	57	0.001099	mg/L	17112.94	0.000	501.508
	Ni	58	-0.000160	mg/L	5245.57	0.001	53.690
	Co	59	-0.000083	mg/L	161.67	-0.000	169.807
	Ni	60	-0.000185	mg/L	149.00	0.000	194.739
	Ni	62	-0.000223	mg/L	154.00	-0.000	274.137
	Cu	63	-0.000312	mg/L	413.35	0.000	504.545
	Cu	65	-0.000265	mg/L	282.34	-0.000	137.086
	Zn	66	-0.002247	mg/L	532.69	-0.000	56.763
	Zn	68	-0.002304	mg/L	809.38	-0.000	34.880
	Ga	69	-0.000029	mg/L	3091.22	-0.001	61.814
>	Ge	72		mg/L	287373.06	287373.064	4.088
	As	75	-0.000531	mg/L	8.28	-0.003	35.226
	Se	77	-0.011527	mg/L	9770.35	0.001	152.823
	Se	82	0.000698	mg/L	6.67	0.000	27.520
	Sr	88	0.000022	mg/L	573.69	0.000	7443.122
>	Y	89		mg/L	1188637.80	1188637.796	1.937
	Mo	95	0.000536	mg/L	869.38	0.000	22.054
	Mo	98	0.000553	mg/L	1373.97	0.001	23.200
>	Rh	103		mg/L	1076939.65	1076939.653	5.020
	Ag	107	-0.000052	mg/L	264.34	0.000	45.283
	Ag	109	-0.000107	mg/L	233.34	0.000	44.750
	Cd	111	-0.000128	mg/L	54.33	0.000	74.283
	Cd	114	-0.000112	mg/L	269.89	0.000	466.572
>	In	115		mg/L	1165795.40	1165795.397	1.167
	Sn	118	0.000186	mg/L	872.72	0.000	49.503
	Sn	120	0.000151	mg/L	1046.57	0.001	1.072
	Sb	121	0.002257	mg/L	11785.12	0.006	13.313
	Sb	123	0.002259	mg/L	9055.97	0.005	15.751
	Ba	135	0.000072	mg/L	103.00	-0.000	2407.636

	Ba	137	0.000099	mg/L	157.07	0.000	222.711
>	Tb	159		mg/L	1731055.41	1731055.413	6.612
>	Ho	165		mg/L	1670478.57	1670478.566	9.125
	Hg	202	0.022879	mg/L	166.67	-0.000	20.833
	Tl	203	0.000010	mg/L	765.37	-0.000	11.934
	Tl	205	-0.000083	mg/L	1804.86	-0.001	12.642
	Pb	208	-0.000057	mg/L	603.68	0.000	159.587
	Bi	209	0.000038	mg/L	1249.77	0.000	43.973
	Th	232	0.001432	mg/L	17959.35	0.007	20.271
	U	238	-0.000123	mg/L	189.34	0.000	5.191

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 12:56:14
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-LCV1.009
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	85272.65	85272.651	7.317
	Be	9	0.001234	mg/L	174.67	0.002	9.004
	B	11	0.001242	mg/L	647.36	0.000	261.052
	Na	23	0.112629	mg/L	214663.95	0.474	1.987
	Mg	24	0.002220	mg/L	4113.64	0.009	3.888
	Al	27	0.001816	mg/L	7038.79	0.010	12.369
	Si	28	-0.008702	mg/L	211725.13	-0.014	471.400
	K	39	0.116636	mg/L	3290841.66	0.358	130.482
	Ca	44	0.073698	mg/L	128629.26	0.010	193.981
>	Sc	45		mg/L	399879.08	399879.080	6.711
	Ti	47	0.000784	mg/L	1967.57	0.000	51.132
	V	51	0.001765	mg/L	-20944.41	0.020	40.495
	Cr	52	0.000759	mg/L	20997.46	0.008	80.256
	Mn	55	0.001002	mg/L	7237.62	0.014	10.725
	Fe	57	0.002283	mg/L	17794.58	0.001	317.144
	Ni	58	0.001424	mg/L	8619.52	0.014	27.700
	Co	59	0.001011	mg/L	4913.38	0.017	4.453
	Ni	60	0.001237	mg/L	1558.82	0.005	6.621
	Ni	62	0.001169	mg/L	359.01	0.001	9.474
	Cu	63	0.001214	mg/L	4173.00	0.014	3.578
	Cu	65	0.001222	mg/L	2119.94	0.007	12.400
	Zn	66	0.003912	mg/L	5464.70	0.018	15.136
	Zn	68	0.003594	mg/L	4217.69	0.012	6.579
	Ga	69	0.001070	mg/L	7774.41	0.016	2.261
>	Ge	72		mg/L	275963.85	275963.848	6.073
	As	75	0.000084	mg/L	620.45	-0.001	161.115
	Se	77	0.010726	mg/L	10522.86	0.006	55.539
	Se	82	0.001571	mg/L	64.83	0.000	41.883
	Sr	88	0.001125	mg/L	11281.79	0.009	3.793
>	Y	89		mg/L	1155986.31	1155986.313	7.389
	Mo	95	0.001238	mg/L	1986.90	0.001	4.844
	Mo	98	0.001300	mg/L	3287.33	0.002	12.060
>	Rh	103		mg/L	1064445.81	1064445.811	2.340
	Ag	107	0.000936	mg/L	4338.75	0.004	9.020
	Ag	109	0.000879	mg/L	4035.94	0.004	8.706
	Cd	111	0.001004	mg/L	1154.42	0.001	6.401
	Cd	114	0.001017	mg/L	2805.81	0.002	4.344
>	In	115		mg/L	1191028.88	1191028.876	7.919
	Sn	118	0.001035	mg/L	3450.02	0.003	6.702
	Sn	120	0.001028	mg/L	4706.14	0.004	17.981
	Sb	121	0.001661	mg/L	9664.91	0.004	31.485
	Sb	123	0.001750	mg/L	7700.73	0.003	23.300
	Ba	135	0.001147	mg/L	1285.77	0.001	8.039

	Ba	137	0.001145	mg/L	2200.88	0.001	6.301
>	Tb	159		mg/L	1765236.89	1765236.887	2.638
>	Ho	165		mg/L	1735325.66	1735325.663	4.983
	Hg	202	-0.001979	mg/L	56.00	-0.000	2.248
	Tl	203	0.000931	mg/L	5276.92	0.002	5.202
	Tl	205	0.000846	mg/L	12622.23	0.005	12.485
	Pb	208	0.001061	mg/L	18764.95	0.010	7.322
	Bi	209	0.001015	mg/L	14779.20	0.008	2.991
	Th	232	0.001469	mg/L	19332.75	0.008	6.959
	U	238	0.000863	mg/L	15454.29	0.009	8.758

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 13:01:21
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-LCV2.010
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	87112.24	87112.236	3.428
	Be	9	0.004977	mg/L	653.03	0.007	4.150
	B	11	0.004538	mg/L	919.72	0.003	18.974
	Na	23	0.463648	mg/L	787272.12	1.863	4.965
	Mg	24	0.003993	mg/L	6300.58	0.014	2.695
	Al	27	0.004181	mg/L	11424.98	0.020	5.578
	Si	28	-0.008173	mg/L	217372.49	-0.012	497.896
	K	39	0.471102	mg/L	4304988.52	2.663	25.958
	Ca	44	0.380258	mg/L	160175.03	0.080	29.619
>	Sc	45		mg/L	408820.57	408820.573	5.604
	Ti	47	0.004363	mg/L	3012.20	0.003	4.436
	V	51	0.004674	mg/L	-9836.22	0.048	34.258
	Cr	52	0.004431	mg/L	34365.38	0.039	25.759
	Mn	55	0.004686	mg/L	26655.65	0.061	9.100
	Fe	57	0.002049	mg/L	18174.67	0.001	284.897
	Ni	58	0.005092	mg/L	17108.32	0.045	21.280
	Co	59	0.004879	mg/L	21912.27	0.078	8.603
	Ni	60	0.004757	mg/L	5101.15	0.018	2.990
	Ni	62	0.004782	mg/L	914.72	0.003	4.690
	Cu	63	0.004863	mg/L	13332.24	0.047	6.560
	Cu	65	0.004967	mg/L	6831.64	0.024	14.781
	Zn	66	0.003017	mg/L	4786.65	0.015	17.220
	Zn	68	0.002750	mg/L	3758.48	0.010	11.747
	Ga	69	0.004898	mg/L	24703.14	0.077	5.362
>	Ge	72		mg/L	279159.20	279159.195	7.998
	As	75	0.004178	mg/L	4603.45	0.013	31.646
	Se	77	0.020963	mg/L	11158.29	0.007	53.378
	Se	82	0.005349	mg/L	325.13	0.000	20.682
	Sr	88	0.004974	mg/L	48776.34	0.042	4.039
>	Y	89		mg/L	1157713.76	1157713.757	7.279
	Mo	95	0.005152	mg/L	8361.93	0.007	3.566
	Mo	98	0.005208	mg/L	13541.57	0.011	10.616
>	Rh	103		mg/L	1081927.06	1081927.057	3.829
	Ag	107	0.004797	mg/L	20600.91	0.019	9.050
	Ag	109	0.004757	mg/L	19280.06	0.018	12.952
	Cd	111	0.004949	mg/L	5067.46	0.005	8.076
	Cd	114	0.005002	mg/L	11946.67	0.011	1.763
>	In	115		mg/L	1207055.42	1207055.424	6.567
	Sn	118	0.004846	mg/L	15175.15	0.012	3.207
	Sn	120	0.004767	mg/L	20579.67	0.017	13.203
	Sb	121	0.004554	mg/L	21033.26	0.013	18.272
	Sb	123	0.004584	mg/L	16259.84	0.010	13.186
	Ba	135	0.004865	mg/L	5377.65	0.003	10.851

	Ba	137	0.004784	mg/L	9326.93	0.005	6.634
>	Tb	159		mg/L	1769986.87	1769986.866	3.349
>	Ho	165		mg/L	1741132.92	1741132.921	1.485
	Hg	202	0.000363	mg/L	67.33	-0.000	3.667
	Tl	203	0.004694	mg/L	23676.08	0.013	4.091
	Tl	205	0.004591	mg/L	56264.52	0.030	3.808
	Pb	208	0.004816	mg/L	80095.28	0.046	2.752
	Bi	209	0.004899	mg/L	68591.31	0.039	5.870
	Th	232	0.004623	mg/L	70271.43	0.037	5.905
	U	238	0.004620	mg/L	74016.84	0.042	1.687

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 13:06:26
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-SCV1.011
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	98006.13	98006.128	3.253
	Be	9	0.444184	mg/L	63234.39	0.646	7.287
	B	11	0.445478	mg/L	39606.40	0.398	9.775
	Na	23	4.684118	mg/L	7506337.79	18.565	1.744
	Mg	24	4.393729	mg/L	5105431.07	12.689	6.313
	Al	27	2.089178	mg/L	3656215.20	9.093	10.622
	Si	28	0.440369	mg/L	690856.82	1.172	12.382
	K	39	5.003470	mg/L	16119624.04	32.138	4.079
	Ca	44	5.031386	mg/L	587165.48	1.144	2.158
>	Sc	45		mg/L	403099.53	403099.526	4.671
	Ti	47	0.469832	mg/L	130738.60	0.320	6.707
	V	51	0.379672	mg/L	1438982.17	3.663	17.716
	Cr	52	0.463662	mg/L	1621572.63	3.993	12.740
	Mn	55	0.438854	mg/L	2270754.23	5.628	2.190
	Fe	57	2.053167	mg/L	288668.50	0.672	1.913
	Ni	58	0.514037	mg/L	1192670.31	4.262	2.389
	Co	59	0.444829	mg/L	1955271.84	7.019	8.376
	Ni	60	0.487090	mg/L	488745.96	1.753	8.175
	Ni	62	0.515365	mg/L	78790.14	0.282	0.363
	Cu	63	0.509554	mg/L	1277570.69	4.579	4.744
	Cu	65	0.499855	mg/L	631209.84	2.263	5.709
	Zn	66	0.493782	mg/L	405763.67	1.454	4.014
	Zn	68	0.471483	mg/L	280528.00	1.004	8.520
	Ga	69	0.431383	mg/L	1903390.31	6.820	6.981
>	Ge	72		mg/L	278814.95	278814.950	1.785
	As	75	0.526293	mg/L	505974.64	1.811	3.313
	Se	77	0.475945	mg/L	35135.56	0.093	6.138
	Se	82	0.474933	mg/L	33816.68	0.028	3.433
	Sr	88	0.415322	mg/L	4166622.42	3.496	7.388
>	Y	89		mg/L	1192021.14	1192021.141	1.890
	Mo	95	0.510838	mg/L	856889.77	0.719	7.243
	Mo	98	0.504727	mg/L	1369267.22	1.149	7.443
>	Rh	103		mg/L	1032763.74	1032763.741	5.406
	Ag	107	0.266892	mg/L	1071126.72	1.037	0.542
	Ag	109	0.274308	mg/L	1027137.20	0.996	5.042
	Cd	111	0.541329	mg/L	509146.56	0.495	11.279
	Cd	114	0.535666	mg/L	1163002.45	1.131	12.370
>	In	115		mg/L	1157461.12	1157461.121	2.532
	Sn	118	0.468478	mg/L	1376789.68	1.190	6.266
	Sn	120	0.463691	mg/L	1887239.97	1.632	7.253
	Sb	121	0.491573	mg/L	1842405.85	1.587	2.649
	Sb	123	0.555129	mg/L	1595078.47	1.375	5.512
	Ba	135	0.471649	mg/L	524823.26	0.294	2.652

	Ba	137	0.459292	mg/L	906815.38	0.508	8.725
>	Tb	159		mg/L	1787558.79	1787558.788	3.668
>	Ho	165		mg/L	1754979.59	1754979.588	5.695
	Hg	202	0.044039	mg/L	276.01	0.000	61.106
	Tl	203	0.400901	mg/L	1965521.02	1.124	11.099
	Tl	205	0.407077	mg/L	4753665.90	2.721	14.193
	Pb	208	0.439907	mg/L	7228426.65	4.122	2.515
	Bi	209	0.415603	mg/L	5791517.83	3.302	2.279
	Th	232	0.416422	mg/L	6738614.51	3.848	7.930
	U	238	0.392880	mg/L	6138893.23	3.513	11.514

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 13:11:31
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-HCV1.012
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	113244.44	113244.441	0.510
	Be	9	0.777365	mg/L	128023.00	1.130	6.209
	B	11	0.774295	mg/L	79147.70	0.692	6.737
	Na	23	9.876318	mg/L	15365965.67	39.112	2.518
	Mg	24	9.037075	mg/L	10233180.26	26.096	6.722
	Al	27	4.324485	mg/L	7381665.69	18.819	6.612
	Si	28	0.920407	mg/L	1171279.24	2.440	2.377
	K	39	10.377627	mg/L	29410670.20	67.087	4.228
	Ca	44	10.256239	mg/L	1040268.16	2.340	6.682
>	Sc	45		mg/L	392338.70	392338.703	2.469
	Ti	47	0.943870	mg/L	254414.87	0.644	6.709
	V	51	0.746820	mg/L	2794844.53	7.202	12.752
	Cr	52	0.858685	mg/L	2917043.15	7.394	3.733
	Mn	55	0.891244	mg/L	4483046.53	11.429	7.978
	Fe	57	4.165491	mg/L	552196.57	1.364	3.305
	Ni	58	0.878626	mg/L	2064970.81	7.283	9.933
	Co	59	0.840758	mg/L	3749737.90	13.265	12.996
	Ni	60	0.952541	mg/L	970882.54	3.428	6.174
	Ni	62	1.021416	mg/L	158758.67	0.559	1.885
	Cu	63	0.884797	mg/L	2256963.92	7.950	3.121
	Cu	65	0.957345	mg/L	1228494.76	4.332	2.851
	Zn	66	0.969122	mg/L	806075.76	2.847	9.703
	Zn	68	0.934373	mg/L	562298.73	1.985	10.108
	Ga	69	0.826979	mg/L	3704460.99	13.076	8.150
>	Ge	72		mg/L	283693.04	283693.045	4.389
	As	75	1.021579	mg/L	999687.19	3.517	3.774
	Se	77	0.893798	mg/L	58095.15	0.172	3.040
	Se	82	0.965660	mg/L	67399.51	0.058	7.416
	Sr	88	0.850067	mg/L	8354294.40	7.156	5.570
>	Y	89		mg/L	1168726.19	1168726.188	2.995
	Mo	95	1.011533	mg/L	1665783.00	1.424	4.657
	Mo	98	0.902250	mg/L	2401345.97	2.054	1.487
>	Rh	103		mg/L	1013656.57	1013656.566	9.603
	Ag	107	0.313390	mg/L	1229349.80	1.218	6.398
	Ag	109	0.339934	mg/L	1239703.29	1.234	15.501
	Cd	111	1.092643	mg/L	1002687.95	0.999	15.398
	Cd	114	0.967956	mg/L	2054667.71	2.043	12.678
>	In	115		mg/L	1139794.48	1139794.484	2.902
	Sn	118	0.835785	mg/L	2421190.23	2.123	3.684
	Sn	120	0.840765	mg/L	3373483.56	2.959	4.225
	Sb	121	0.983875	mg/L	3621510.41	3.178	7.659
	Sb	123	1.016477	mg/L	2868716.27	2.518	11.105
	Ba	135	0.902986	mg/L	1014963.20	0.562	10.309

	Ba	137	0.883807	mg/L	1761304.68	0.978	15.094
>	Tb	159		mg/L	1814247.21	1814247.214	7.585
>	Ho	165		mg/L	1718544.78	1718544.778	4.127
	Hg	202	0.084249	mg/L	458.02	0.000	28.282
	Tl	203	0.802955	mg/L	3858496.22	2.251	11.058
	Tl	205	0.825236	mg/L	9462806.57	5.516	8.054
	Pb	208	0.842131	mg/L	13565829.74	7.891	2.198
	Bi	209	0.845530	mg/L	11529092.49	6.719	5.819
	Th	232	0.829210	mg/L	13144885.44	7.667	10.536
	U	238	0.821479	mg/L	12593132.36	7.345	8.388

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 13:16:37
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-IFA1.013
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	84197.23	84197.229	3.328
	Be	9	0.000323	mg/L	61.00	0.000	24.998
	B	11	0.012438	mg/L	1483.47	0.010	41.254
	Na	23	26.045252	mg/L	40349849.31	103.098	0.767
	Mg	24	9.588867	mg/L	10835351.38	27.689	1.110
	Al	27	9.472525	mg/L	16106025.38	41.219	4.210
	Si	28	0.004714	mg/L	221504.23	0.022	241.896
	K	39	11.773606	mg/L	32768949.13	76.166	11.932
	Ca	44	25.027183	mg/L	2354991.35	5.719	6.808
>	Sc	45		mg/L	391232.59	391232.586	5.210
	Ti	47	0.227047	mg/L	62350.10	0.155	3.950
	V	51	0.000338	mg/L	-25821.95	0.006	239.374
	Cr	52	-0.000877	mg/L	15109.70	-0.007	35.848
	Mn	55	0.004524	mg/L	24721.83	0.059	7.054
	Fe	57	20.819662	mg/L	2684418.95	6.816	0.974
	Ni	58	0.167809	mg/L	403826.93	1.393	17.111
	Co	59	0.000391	mg/L	2308.98	0.007	13.700
	Ni	60	0.000704	mg/L	1070.41	0.003	3.798
	Ni	62	0.001575	mg/L	439.35	0.001	10.507
	Cu	63	0.000823	mg/L	3352.32	0.010	4.128
	Cu	65	0.000750	mg/L	1601.16	0.004	13.735
	Zn	66	-0.001324	mg/L	1308.44	0.003	23.779
	Zn	68	-0.001503	mg/L	1295.11	0.001	44.570
	Ga	69	0.000012	mg/L	3288.29	-0.000	147.676
>	Ge	72		mg/L	288273.51	288273.506	5.790
	As	75	0.000535	mg/L	1084.30	0.000	244.015
	Se	77	-0.055152	mg/L	7426.44	-0.007	27.519
	Se	82	0.002334	mg/L	120.84	0.000	31.906
	Sr	88	0.000391	mg/L	4259.37	0.003	5.074
>	Y	89		mg/L	1188339.17	1188339.171	7.182
	Mo	95	0.228302	mg/L	381724.97	0.321	2.701
	Mo	98	0.220525	mg/L	594586.05	0.502	7.394
>	Rh	103		mg/L	999590.60	999590.599	6.293
	Ag	107	0.000604	mg/L	2789.13	0.003	13.287
	Ag	109	0.000551	mg/L	2597.73	0.002	16.162
	Cd	111	0.000528	mg/L	646.36	0.001	16.836
	Cd	114	0.000378	mg/L	1282.25	0.001	11.489
>	In	115		mg/L	1116238.06	1116238.063	6.290
	Sn	118	0.001248	mg/L	3860.55	0.003	17.767
	Sn	120	0.001249	mg/L	5314.46	0.004	15.023
	Sb	121	0.019306	mg/L	72567.00	0.061	19.972
	Sb	123	0.019500	mg/L	56211.40	0.047	19.587
	Ba	135	0.000213	mg/L	261.01	0.000	12.901

	Ba	137	0.000242	mg/L	438.78	0.000	21.003
>	Tb	159		mg/L	1773219.93	1773219.933	6.447
>	Ho	165		mg/L	1706121.21	1706121.209	2.512
	Hg	202	0.001751	mg/L	72.33	-0.000	4.868
	Tl	203	0.000830	mg/L	4718.31	0.002	28.433
	Tl	205	0.000757	mg/L	11458.50	0.005	23.057
	Pb	208	0.000092	mg/L	3003.56	0.001	11.099
	Bi	209	0.000635	mg/L	9410.75	0.005	37.390
	Th	232	0.002565	mg/L	36441.95	0.018	29.295
	U	238	-0.000058	mg/L	1187.09	0.001	22.793

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 13:21:44
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-IFB1.014
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	82745.23	82745.231	4.674
	Be	9	0.000238	mg/L	50.00	0.000	117.342
	B	11	0.004114	mg/L	842.05	0.003	17.098
	Na	23	26.007533	mg/L	40925892.71	102.949	2.805
	Mg	24	9.712860	mg/L	11133454.18	28.047	4.286
	Al	27	9.194996	mg/L	15839493.00	40.012	10.364
	Si	28	-0.009348	mg/L	209813.97	-0.016	428.724
	K	39	10.966904	mg/L	31187518.01	70.920	11.941
	Ca	44	23.998923	mg/L	2299690.91	5.484	5.576
>	Sc	45		mg/L	397735.47	397735.465	7.112
	Ti	47	0.228657	mg/L	63757.22	0.156	1.686
	V	51	0.206032	mg/L	758614.36	1.989	9.463
	Cr	52	0.202662	mg/L	707142.99	1.746	15.909
	Mn	55	0.214074	mg/L	1089682.34	2.746	8.115
	Fe	57	20.704299	mg/L	2711576.42	6.778	2.128
	Ni	58	0.381326	mg/L	897574.16	3.162	11.202
	Co	59	0.210659	mg/L	941500.97	3.325	4.648
	Ni	60	0.207650	mg/L	212238.05	0.748	1.187
	Ni	62	0.213145	mg/L	33225.67	0.117	3.129
	Cu	63	0.214010	mg/L	544075.97	1.925	10.199
	Cu	65	0.214176	mg/L	274009.63	0.970	12.423
	Zn	66	0.105628	mg/L	89816.19	0.316	11.029
	Zn	68	0.100240	mg/L	62319.91	0.217	4.960
	Ga	69	-0.000006	mg/L	3149.24	-0.001	121.073
>	Ge	72		mg/L	283683.10	283683.098	6.561
	As	75	0.110722	mg/L	108309.92	0.380	8.850
	Se	77	0.044041	mg/L	12574.83	0.012	40.521
	Se	82	0.115073	mg/L	7692.70	0.007	12.642
	Sr	88	0.000376	mg/L	3914.89	0.003	3.495
>	Y	89		mg/L	1128215.59	1128215.591	5.603
	Mo	95	0.227672	mg/L	360922.53	0.320	4.939
	Mo	98	0.230058	mg/L	588514.29	0.523	10.501
>	Rh	103		mg/L	1000751.61	1000751.615	3.185
	Ag	107	0.059322	mg/L	231020.00	0.231	7.232
	Ag	109	0.060386	mg/L	219928.44	0.220	6.792
	Cd	111	0.120417	mg/L	110266.50	0.110	2.614
	Cd	114	0.119846	mg/L	253369.62	0.253	6.995
>	In	115		mg/L	1141924.28	1141924.283	5.043
	Sn	118	0.000397	mg/L	1465.80	0.001	17.111
	Sn	120	0.000358	mg/L	1842.69	0.001	30.884
	Sb	121	0.004981	mg/L	21491.38	0.015	18.166
	Sb	123	0.005041	mg/L	16688.68	0.012	13.292
	Ba	135	0.000206	mg/L	245.67	0.000	27.573

	Ba	137	0.000235	mg/L	413.79	0.000	8.774
>	Tb	159		mg/L	1718354.89	1718354.889	3.208
>	Ho	165		mg/L	1709807.73	1709807.734	6.238
	Hg	202	0.002349	mg/L	75.33	-0.000	2.848
	Tl	203	0.000187	mg/L	1626.16	0.000	74.662
	Tl	205	0.000111	mg/L	4045.28	0.000	87.111
	Pb	208	0.000039	mg/L	2154.45	0.001	10.209
	Bi	209	0.000101	mg/L	2129.27	0.001	18.488
	Th	232	0.001038	mg/L	12175.30	0.004	26.223
	U	238	-0.000117	mg/L	293.34	0.000	18.715

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 13:26:50
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-ICV2.015
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	85839.09	85839.094	5.762
	Be	9	0.039568	mg/L	4951.73	0.057	5.542
	B	11	0.042006	mg/L	3769.82	0.037	11.912
	Na	23	0.373206	mg/L	627067.41	1.505	0.563
	Mg	24	0.381624	mg/L	441795.60	1.104	2.064
	Al	27	0.183888	mg/L	322867.10	0.802	9.172
	Si	28	0.008011	mg/L	229727.95	0.030	192.882
	K	39	0.570313	mg/L	4469962.76	3.308	18.485
	Ca	44	0.286349	mg/L	148196.04	0.059	27.071
>	Sc	45		mg/L	399807.74	399807.735	5.068
	Ti	47	0.037196	mg/L	11888.22	0.025	4.742
	V	51	0.039379	mg/L	123415.82	0.382	9.863
	Cr	52	0.034807	mg/L	137709.19	0.301	15.073
	Mn	55	0.038991	mg/L	201918.99	0.501	1.493
	Fe	57	0.157236	mg/L	38127.71	0.051	2.499
	Ni	58	0.041264	mg/L	99759.63	0.344	5.346
	Co	59	0.039279	mg/L	171733.35	0.621	3.301
	Ni	60	0.039587	mg/L	39700.59	0.143	5.388
	Ni	62	0.041144	mg/L	6401.32	0.023	2.169
	Cu	63	0.041382	mg/L	103715.94	0.375	6.428
	Cu	65	0.041614	mg/L	52506.80	0.189	10.978
	Zn	66	0.037991	mg/L	33052.37	0.118	6.844
	Zn	68	0.037124	mg/L	23853.84	0.083	2.076
	Ga	69	0.038883	mg/L	173050.79	0.614	5.275
>	Ge	72		mg/L	276209.09	276209.089	2.822
	As	75	0.041315	mg/L	39803.52	0.141	4.835
	Se	77	-0.040793	mg/L	7870.49	-0.004	58.466
	Se	82	0.040422	mg/L	2742.61	0.002	9.647
	Sr	88	0.039065	mg/L	380311.40	0.329	3.377
>	Y	89		mg/L	1154413.56	1154413.555	4.553
	Mo	95	0.042370	mg/L	68679.30	0.059	7.431
	Mo	98	0.043221	mg/L	113105.36	0.098	11.026
>	Rh	103		mg/L	1038764.40	1038764.404	3.676
	Ag	107	0.021366	mg/L	86749.61	0.083	3.625
	Ag	109	0.021819	mg/L	82919.07	0.080	3.607
	Cd	111	0.041279	mg/L	39324.27	0.038	4.852
	Cd	114	0.042028	mg/L	92429.07	0.089	10.117
>	In	115		mg/L	1151705.56	1151705.560	6.466
	Sn	118	0.038618	mg/L	112953.88	0.098	7.287
	Sn	120	0.038079	mg/L	153865.61	0.134	13.797
	Sb	121	0.042764	mg/L	161593.97	0.137	11.568
	Sb	123	0.043932	mg/L	127552.13	0.108	7.173
	Ba	135	0.038418	mg/L	41899.97	0.024	5.107

	Ba	137	0.037446	mg/L	72494.70	0.041	1.908
>	Tb	159		mg/L	1749929.18	1749929.177	0.710
>	Ho	165		mg/L	1713610.67	1713610.666	6.651
	Hg	202	0.020182	mg/L	158.67	-0.000	18.577
	Tl	203	0.039750	mg/L	191027.38	0.111	8.474
	Tl	205	0.038913	mg/L	445903.72	0.260	13.627
	Pb	208	0.039184	mg/L	629515.90	0.368	4.001
	Bi	209	0.039916	mg/L	543578.26	0.317	5.984
	Th	232	0.037748	mg/L	592132.80	0.343	8.669
	U	238	0.038018	mg/L	581015.80	0.341	13.338

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 13:31:55
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\RINSE.016
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	84765.99	84765.989	2.171
	Be	9	0.000141	mg/L	39.00	-0.000	96.732
	B	11	0.000924	mg/L	622.03	0.000	1384.274
	Na	23	-0.010621	mg/L	19395.20	-0.013	4.987
	Mg	24	-0.000660	mg/L	781.71	0.001	90.933
	Al	27	-0.000638	mg/L	2748.79	-0.001	181.185
	Si	28	-0.006380	mg/L	212080.56	-0.008	66.264
	K	39	0.125210	mg/L	3270784.71	0.414	26.032
	Ca	44	-0.214873	mg/L	101021.43	-0.056	12.462
>	Sc	45		mg/L	393816.39	393816.387	0.181
	Ti	47	-0.000950	mg/L	1475.14	-0.001	41.643
	V	51	0.005135	mg/L	-7959.35	0.052	24.359
	Cr	52	-0.002949	mg/L	8214.47	-0.024	5.221
	Mn	55	-0.000206	mg/L	1057.41	-0.001	9.588
	Fe	57	-0.009912	mg/L	15989.88	-0.003	1.312
	Ni	58	-0.000491	mg/L	4309.07	-0.002	127.620
	Co	59	-0.000068	mg/L	224.01	0.000	62.309
	Ni	60	-0.000190	mg/L	140.00	0.000	334.518
	Ni	62	-0.000124	mg/L	164.67	0.000	124.608
	Cu	63	-0.000320	mg/L	382.35	-0.000	74.249
	Cu	65	-0.000274	mg/L	263.67	-0.000	74.754
	Zn	66	-0.002238	mg/L	523.69	-0.000	313.154
	Zn	68	-0.002551	mg/L	636.36	-0.001	40.801
	Ga	69	-0.000295	mg/L	1828.54	-0.005	19.061
>	Ge	72		mg/L	279290.63	279290.635	6.885
	As	75	0.000297	mg/L	815.04	-0.000	66.862
	Se	77	-0.165807	mg/L	1374.79	-0.028	3.282
	Se	82	0.000755	mg/L	10.17	0.000	57.947
	Sr	88	0.000029	mg/L	617.36	0.000	89.243
>	Y	89		mg/L	1136117.04	1136117.039	8.542
	Mo	95	0.001000	mg/L	1581.16	0.001	20.944
	Mo	98	0.001032	mg/L	2559.90	0.002	8.987
>	Rh	103		mg/L	1076959.89	1076959.892	6.226
	Ag	107	-0.000015	mg/L	419.68	0.000	38.010
	Ag	109	-0.000065	mg/L	395.01	0.000	45.779
	Cd	111	-0.000129	mg/L	54.33	0.000	52.906
	Cd	114	-0.000111	mg/L	271.98	0.000	105.017
>	In	115		mg/L	1188949.43	1188949.431	5.524
	Sn	118	0.000187	mg/L	894.05	0.000	7.965
	Sn	120	0.000187	mg/L	1215.02	0.001	12.787
	Sb	121	0.001120	mg/L	7609.28	0.002	40.532
	Sb	123	0.001095	mg/L	5763.92	0.002	53.831
	Ba	135	0.000078	mg/L	111.34	0.000	121.922

	Ba	137	0.000095	mg/L	150.06	-0.000	5060.431
>	Tb	159		mg/L	1744126.57	1744126.569	7.104
>	Ho	165		mg/L	1684080.78	1684080.782	3.539
	Hg	202	0.001088	mg/L	68.33	-0.000	5.472
	Tl	203	0.000120	mg/L	1286.11	-0.000	484.582
	Tl	205	0.000016	mg/L	2932.18	-0.000	224.957
	Pb	208	-0.000051	mg/L	695.68	0.000	130.014
	Bi	209	0.000042	mg/L	1304.11	0.000	34.938
	Th	232	0.000780	mg/L	8018.68	0.001	63.261
	U	238	-0.000121	mg/L	229.34	0.000	58.351

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 13:36:59
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-CCV1.017
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	87772.73	87772.727	2.445
	Be	9	0.039092	mg/L	5008.76	0.057	4.807
	B	11	0.039865	mg/L	3695.79	0.035	11.015
	Na	23	0.362914	mg/L	605135.31	1.465	2.980
	Mg	24	0.371026	mg/L	425475.57	1.074	7.757
	Al	27	0.182883	mg/L	318721.45	0.798	9.023
	Si	28	0.012054	mg/L	232592.63	0.041	56.858
	K	39	0.641714	mg/L	4620589.80	3.773	10.419
	Ca	44	0.248766	mg/L	143699.10	0.050	9.168
>	Sc	45		mg/L	396419.42	396419.417	3.801
	Ti	47	0.036295	mg/L	11535.11	0.025	10.333
	V	51	0.038950	mg/L	120451.34	0.378	20.263
	Cr	52	0.035950	mg/L	140792.62	0.311	8.244
	Mn	55	0.039559	mg/L	203390.29	0.509	4.924
	Fe	57	0.154981	mg/L	37491.58	0.051	1.105
	Ni	58	0.040500	mg/L	99805.72	0.338	7.315
	Co	59	0.037788	mg/L	167819.35	0.597	13.673
	Ni	60	0.038351	mg/L	39099.43	0.139	8.108
	Ni	62	0.040670	mg/L	6447.35	0.022	1.290
	Cu	63	0.041611	mg/L	106428.29	0.377	3.274
	Cu	65	0.040666	mg/L	52416.19	0.185	2.756
	Zn	66	0.036527	mg/L	32464.91	0.114	6.958
	Zn	68	0.034954	mg/L	22961.63	0.079	11.155
	Ga	69	0.038604	mg/L	174686.32	0.610	7.329
>	Ge	72		mg/L	281402.95	281402.945	3.043
	As	75	0.041012	mg/L	40341.09	0.140	7.251
	Se	77	-0.048187	mg/L	7636.95	-0.006	16.459
	Se	82	0.038280	mg/L	2616.33	0.002	7.289
	Sr	88	0.038404	mg/L	375509.73	0.323	7.920
>	Y	89		mg/L	1163110.87	1163110.871	4.490
	Mo	95	0.041019	mg/L	67231.81	0.057	5.434
	Mo	98	0.039942	mg/L	105628.73	0.090	1.670
>	Rh	103		mg/L	1022524.38	1022524.384	7.362
	Ag	107	0.021810	mg/L	86929.90	0.085	3.497
	Ag	109	0.022820	mg/L	84924.90	0.083	9.629
	Cd	111	0.043554	mg/L	40594.56	0.040	14.554
	Cd	114	0.042776	mg/L	92330.06	0.091	10.831
>	In	115		mg/L	1137495.37	1137495.374	4.172
	Sn	118	0.038307	mg/L	111025.59	0.097	7.065
	Sn	120	0.039115	mg/L	156912.39	0.138	7.117
	Sb	121	0.044157	mg/L	165171.35	0.141	7.263
	Sb	123	0.044764	mg/L	128338.43	0.110	10.565
	Ba	135	0.037327	mg/L	41255.16	0.023	9.376

	Ba	137	0.035870	mg/L	70097.34	0.040	17.334
>	Tb	159		mg/L	1782300.11	1782300.105	7.771
>	Ho	165		mg/L	1717311.56	1717311.562	4.842
	Hg	202	0.020689	mg/L	161.34	-0.000	17.479
	Tl	203	0.037974	mg/L	182973.69	0.106	10.791
	Tl	205	0.038287	mg/L	440841.06	0.256	10.847
	Pb	208	0.039151	mg/L	631488.76	0.367	0.915
	Bi	209	0.039120	mg/L	533475.71	0.311	6.461
	Th	232	0.037973	mg/L	597070.50	0.346	11.438
	U	238	0.037676	mg/L	578356.11	0.338	11.265

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 13:42:03
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-CCB1.018
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	86210.21	86210.210	4.355
	Be	9	0.000259	mg/L	54.67	0.000	78.331
	B	11	0.000268	mg/L	582.02	-0.001	19.972
	Na	23	-0.009986	mg/L	20513.69	-0.011	13.638
	Mg	24	-0.000833	mg/L	588.69	0.000	122.889
	Al	27	-0.000610	mg/L	2808.80	-0.001	109.987
	Si	28	-0.021419	mg/L	197306.99	-0.047	75.242
	K	39	0.222642	mg/L	3538979.97	1.047	43.031
	Ca	44	-0.136810	mg/L	108621.83	-0.038	35.350
>	Sc	45		mg/L	396541.72	396541.724	5.199
	Ti	47	-0.000532	mg/L	1598.16	-0.000	28.555
	V	51	0.003046	mg/L	-15863.71	0.032	39.387
	Cr	52	-0.001501	mg/L	13185.69	-0.012	18.896
	Mn	55	-0.000159	mg/L	1297.44	-0.001	45.779
	Fe	57	-0.006546	mg/L	16523.51	-0.002	49.841
	Ni	58	-0.000435	mg/L	4389.11	-0.001	216.966
	Co	59	-0.000084	mg/L	151.67	-0.000	84.139
	Ni	60	-0.000182	mg/L	147.00	0.000	112.647
	Ni	62	-0.000079	mg/L	170.00	0.000	61.875
	Cu	63	-0.000295	mg/L	440.68	0.000	49.480
	Cu	65	-0.000246	mg/L	295.34	-0.000	1188.285
	Zn	66	-0.002245	mg/L	511.69	-0.000	269.795
	Zn	68	-0.002338	mg/L	757.04	-0.000	57.962
	Ga	69	-0.000118	mg/L	2580.06	-0.003	40.781
>	Ge	72		mg/L	277258.16	277258.157	9.631
	As	75	-0.000236	mg/L	340.50	-0.002	127.643
	Se	77	-0.072150	mg/L	6224.86	-0.010	27.990
	Se	82	0.000710	mg/L	7.10	0.000	4.711
	Sr	88	0.000024	mg/L	566.69	0.000	117.466
>	Y	89		mg/L	1126407.97	1126407.968	7.106
	Mo	95	0.000721	mg/L	1122.41	0.001	11.782
	Mo	98	0.000728	mg/L	1753.29	0.001	9.111
>	Rh	103		mg/L	1055779.97	1055779.973	5.300
	Ag	107	-0.000056	mg/L	242.67	0.000	41.907
	Ag	109	-0.000110	mg/L	219.00	0.000	75.538
	Cd	111	-0.000130	mg/L	51.67	0.000	107.696
	Cd	114	-0.000113	mg/L	264.31	0.000	32.057
>	In	115		mg/L	1158421.02	1158421.017	6.590
	Sn	118	0.000167	mg/L	808.38	0.000	22.752
	Sn	120	0.000156	mg/L	1053.60	0.001	29.777
	Sb	121	0.002081	mg/L	10974.44	0.005	28.383
	Sb	123	0.002063	mg/L	8389.60	0.004	22.839
	Ba	135	0.000086	mg/L	116.34	0.000	21.458

	Ba	137	0.000092	mg/L	139.74	-0.000	73.198
>	Tb	159		mg/L	1685851.87	1685851.866	6.162
>	Ho	165		mg/L	1694099.10	1694099.096	0.748
	Hg	202	0.018563	mg/L	149.67	-0.000	9.322
	Tl	203	0.000040	mg/L	921.72	-0.000	4.589
	Tl	205	-0.000063	mg/L	2056.92	-0.001	7.617
	Pb	208	-0.000057	mg/L	615.35	0.000	63.225
	Bi	209	0.000050	mg/L	1423.13	0.001	38.166
	Th	232	0.001037	mg/L	12116.62	0.004	25.513
	U	238	-0.000125	mg/L	172.00	0.000	24.214

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 14:38:02
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-CCV2.029
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	89231.37	89231.372	3.569
	Be	9	0.036577	mg/L	4761.96	0.053	6.701
	B	11	0.036499	mg/L	3486.70	0.032	11.218
	Na	23	0.357168	mg/L	587748.11	1.442	1.909
	Mg	24	0.380450	mg/L	430284.78	1.101	4.834
	Al	27	0.191776	mg/L	329145.70	0.837	9.208
	Si	28	0.017277	mg/L	234409.43	0.055	83.698
	K	39	0.953492	mg/L	5345044.88	5.800	10.712
	Ca	44	0.171107	mg/L	134689.14	0.032	26.605
>	Sc	45		mg/L	390784.27	390784.275	3.820
	Ti	47	0.037455	mg/L	11688.96	0.025	6.795
	V	51	0.044033	mg/L	138034.64	0.427	14.300
	Cr	52	0.037254	mg/L	143131.91	0.322	8.743
	Mn	55	0.038425	mg/L	194778.84	0.494	3.722
	Fe	57	0.162131	mg/L	37883.58	0.053	1.204
	Ni	58	0.039719	mg/L	98198.00	0.332	3.610
	Co	59	0.038756	mg/L	172643.89	0.613	7.989
	Ni	60	0.039251	mg/L	40097.03	0.142	4.626
	Ni	62	0.040083	mg/L	6362.96	0.022	6.377
	Cu	63	0.039453	mg/L	101055.73	0.357	7.225
	Cu	65	0.038863	mg/L	50156.00	0.177	3.236
	Zn	66	0.035549	mg/L	31721.26	0.111	4.464
	Zn	68	0.035358	mg/L	23259.05	0.079	8.678
	Ga	69	0.038936	mg/L	176501.46	0.615	5.743
>	Ge	72		mg/L	281693.15	281693.154	1.539
	As	75	0.039801	mg/L	39166.94	0.136	5.181
	Se	77	-0.064839	mg/L	6761.92	-0.009	9.787
	Se	82	0.039534	mg/L	2692.08	0.002	4.478
	Sr	88	0.040247	mg/L	391773.02	0.339	8.178
>	Y	89		mg/L	1156286.36	1156286.361	1.629
	Mo	95	0.039257	mg/L	63906.03	0.055	4.587
	Mo	98	0.038795	mg/L	102054.01	0.088	4.982
>	Rh	103		mg/L	1067672.96	1067672.962	8.505
	Ag	107	0.021292	mg/L	88773.99	0.083	1.314
	Ag	109	0.021040	mg/L	81868.60	0.077	7.037
	Cd	111	0.039183	mg/L	38093.88	0.036	15.050
	Cd	114	0.039478	mg/L	88678.93	0.084	15.976
>	In	115		mg/L	1161218.95	1161218.948	1.855
	Sn	118	0.038896	mg/L	115138.25	0.099	6.265
	Sn	120	0.038956	mg/L	159705.53	0.137	3.552
	Sb	121	0.041308	mg/L	158198.44	0.132	4.503
	Sb	123	0.041071	mg/L	120625.72	0.101	7.920
	Ba	135	0.038646	mg/L	40257.68	0.024	6.645

	Ba	137	0.038709	mg/L	71535.89	0.043	8.787
>	Tb	159		mg/L	1676510.89	1676510.888	6.382
>	Ho	165		mg/L	1626028.47	1626028.472	6.641
	Hg	202	0.021818	mg/L	158.34	-0.000	11.699
	Tl	203	0.041289	mg/L	188068.36	0.115	10.831
	Tl	205	0.041563	mg/L	452191.38	0.278	11.365
	Pb	208	0.040505	mg/L	617932.67	0.380	2.899
	Bi	209	0.041302	mg/L	532953.20	0.328	5.960
	Th	232	0.041906	mg/L	623177.95	0.382	12.340
	U	238	0.042000	mg/L	609289.69	0.377	11.899

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 14:43:06
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-CCB2.030
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	89022.50	89022.505	8.766
	Be	9	0.000261	mg/L	56.67	0.000	19.583
	B	11	-0.000922	mg/L	503.35	-0.002	40.198
	Na	23	-0.011588	mg/L	17801.29	-0.017	10.736
	Mg	24	-0.000846	mg/L	565.02	0.000	498.287
	Al	27	-0.000565	mg/L	2855.48	-0.000	115.363
	Si	28	-0.017370	mg/L	198402.48	-0.037	199.326
	K	39	0.493274	mg/L	4181176.43	2.807	33.014
	Ca	44	-0.183880	mg/L	103031.26	-0.049	45.308
>	Sc	45		mg/L	392839.96	392839.960	9.129
	Ti	47	-0.001056	mg/L	1438.80	-0.001	21.216
	V	51	0.004103	mg/L	-11907.04	0.042	8.096
	Cr	52	-0.001681	mg/L	12367.90	-0.013	36.537
	Mn	55	-0.000162	mg/L	1270.77	-0.001	42.873
	Fe	57	-0.002516	mg/L	16840.76	-0.001	281.199
	Ni	58	-0.000608	mg/L	4098.63	-0.003	53.380
	Co	59	-0.000081	mg/L	167.67	-0.000	659.111
	Ni	60	-0.000183	mg/L	149.00	0.000	42.276
	Ni	62	-0.000172	mg/L	159.00	0.000	478.400
	Cu	63	-0.000312	mg/L	405.01	0.000	521.652
	Cu	65	-0.000260	mg/L	284.67	-0.000	111.213
	Zn	66	-0.002307	mg/L	473.02	-0.000	50.654
	Zn	68	-0.002597	mg/L	619.36	-0.001	9.153
	Ga	69	-0.000233	mg/L	2131.94	-0.004	7.787
>	Ge	72		mg/L	282231.39	282231.393	4.472
	As	75	0.000049	mg/L	599.31	-0.001	183.973
	Se	77	-0.093654	mg/L	5225.56	-0.014	11.890
	Se	82	0.001013	mg/L	27.93	0.000	25.582
	Sr	88	0.000026	mg/L	607.36	0.000	73.921
>	Y	89		mg/L	1167037.17	1167037.173	5.453
	Mo	95	0.000449	mg/L	708.37	0.000	28.431
	Mo	98	0.000455	mg/L	1079.78	0.000	51.268
>	Rh	103		mg/L	1059446.98	1059446.983	2.606
	Ag	107	-0.000059	mg/L	228.67	0.000	99.559
	Ag	109	-0.000108	mg/L	224.67	0.000	65.522
	Cd	111	-0.000128	mg/L	54.33	0.000	31.149
	Cd	114	-0.000111	mg/L	269.58	0.000	74.413
>	In	115		mg/L	1104135.13	1104135.129	5.340
	Sn	118	0.000124	mg/L	651.70	0.000	14.204
	Sn	120	0.000130	mg/L	911.25	0.000	12.536
	Sb	121	0.001562	mg/L	8656.90	0.004	26.423
	Sb	123	0.001621	mg/L	6819.94	0.003	18.254
	Ba	135	0.000080	mg/L	111.67	0.000	127.620

	Ba	137	0.000091	mg/L	140.72	-0.000	52.708
>	Tb	159		mg/L	1722416.68	1722416.677	2.472
>	Ho	165		mg/L	1641286.03	1641286.035	5.428
	Hg	202	0.019992	mg/L	151.34	-0.000	12.989
	Tl	203	0.000005	mg/L	730.70	-0.000	1.648
	Tl	205	-0.000092	mg/L	1679.84	-0.001	8.572
	Pb	208	-0.000057	mg/L	595.68	0.000	108.247
	Bi	209	0.000039	mg/L	1242.77	0.000	41.525
	Th	232	0.000915	mg/L	9898.56	0.003	30.017
	U	238	-0.000126	mg/L	150.34	0.000	12.143

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-07RE2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 14:48:10
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\11C1255-07RE2.031
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 31

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	87903.69	87903.687	6.559
	Be	9	0.000256	mg/L	55.00	0.000	76.506
	B	11	0.298421	mg/L	23992.31	0.266	8.245
	Na	23	S	mg/L	S	S	S
	Mg	24	0.533184	mg/L	669870.88	1.542	9.631
	Al	27	1.314569	mg/L	2479708.71	5.722	14.480
	Si	28	12.962220	mg/L	15060344.81	34.242	14.598
	K	39	76.277728	mg/L	218745687.05	495.650	8.246
	Ca	44	209.526895	mg/L	21038380.67	47.930	2.148
>	Sc	45		mg/L	436164.91	436164.907	9.165
	Ti	47	0.064331	mg/L	20960.35	0.044	8.947
	V	51	0.018955	mg/L	48188.59	0.186	22.364
	Cr	52	0.008481	mg/L	51651.48	0.074	20.868
	Mn	55	0.151041	mg/L	847236.51	1.938	0.829
	Fe	57	5.470774	mg/L	799247.99	1.791	2.808
	Ni	58	0.050954	mg/L	132458.24	0.425	3.073
	Co	59	0.002334	mg/L	11608.54	0.038	4.218
	Ni	60	0.014498	mg/L	16017.64	0.053	2.586
	Ni	62	0.018103	mg/L	3158.25	0.010	10.714
	Cu	63	0.021259	mg/L	58512.94	0.194	8.893
	Cu	65	0.020527	mg/L	28506.44	0.094	7.513
	Zn	66	0.056702	mg/L	52399.04	0.173	2.958
	Zn	68	0.054052	mg/L	36682.16	0.119	5.548
	Ga	69	0.002162	mg/L	13640.06	0.034	4.390
>	Ge	72		mg/L	300147.33	300147.332	5.726
	As	75	0.021433	mg/L	22696.60	0.072	3.872
	Se	77	-0.029027	mg/L	9239.50	-0.002	145.578
	Se	82	0.005660	mg/L	384.51	0.000	11.616
	Sr	88	0.757545	mg/L	8099808.64	6.377	5.179
>	Y	89		mg/L	1269888.44	1269888.437	1.574
	Mo	95	0.093311	mg/L	166840.85	0.131	7.008
	Mo	98	0.091821	mg/L	265449.26	0.209	7.298
>	Rh	103		mg/L	1035311.54	1035311.536	5.925
	Ag	107	0.000097	mg/L	854.05	0.001	7.745
	Ag	109	0.000049	mg/L	812.38	0.001	3.069
	Cd	111	0.000514	mg/L	658.70	0.001	12.165
	Cd	114	0.000431	mg/L	1435.55	0.001	31.516
>	In	115		mg/L	1209419.67	1209419.669	3.979
	Sn	118	0.020734	mg/L	63940.35	0.053	7.215
	Sn	120	0.020794	mg/L	88847.37	0.073	8.368
	Sb	121	0.001823	mg/L	10522.54	0.005	11.811
	Sb	123	0.001820	mg/L	8085.95	0.004	10.208
	Ba	135	0.045062	mg/L	50722.04	0.028	5.393

	Ba	137	0.043416	mg/L	86655.09	0.048	7.258
>	Tb	159		mg/L	1806088.38	1806088.385	2.818
>	Ho	165		mg/L	1830815.27	1830815.270	7.954
	Hg	202	0.362893	mg/L	1884.88	0.001	4.291
	Tl	203	-0.000039	mg/L	588.03	-0.000	9.300
	Tl	205	-0.000135	mg/L	1345.45	-0.001	12.242
	Pb	208	0.011583	mg/L	200258.10	0.109	1.895
	Bi	209	0.000018	mg/L	1081.74	0.000	11.937
	Th	232	0.001369	mg/L	18558.88	0.007	24.675
	U	238	0.000011	mg/L	2399.68	0.001	13.432

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-41RE2
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 14:53:15
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\11C1255-41RE2.032
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 32

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	97547.75	97547.747	3.992
	Be	9	0.000222	mg/L	56.33	0.000	165.469
	B	11	0.442616	mg/L	39221.08	0.395	7.706
	Na	23	S	mg/L	S	S	S
	Mg	24	0.071463	mg/L	93538.07	0.209	8.143
	Al	27	0.274287	mg/L	535240.99	1.196	9.103
	Si	28	11.716751	mg/L	14033468.47	30.953	4.657
	K	39	68.835881	mg/L	203099189.30	447.254	3.211
	Ca	44	124.863184	mg/L	12893446.09	28.560	6.189
>	Sc	45		mg/L	445842.97	445842.971	4.139
	Ti	47	0.001831	mg/L	2512.04	0.001	31.367
	V	51	0.025941	mg/L	79921.36	0.253	19.023
	Cr	52	-0.000018	mg/L	20529.36	0.001	233.218
	Mn	55	0.000407	mg/L	4709.27	0.007	7.964
	Fe	57	0.402929	mg/L	78387.22	0.132	1.461
	Ni	58	0.009561	mg/L	30765.98	0.082	10.921
	Co	59	0.001022	mg/L	5593.46	0.017	17.003
	Ni	60	0.011167	mg/L	12891.63	0.041	9.729
	Ni	62	0.010504	mg/L	1996.24	0.006	9.249
	Cu	63	0.001550	mg/L	5704.88	0.017	10.540
	Cu	65	0.000724	mg/L	1704.84	0.004	6.252
	Zn	66	0.000326	mg/L	2923.50	0.007	13.699
	Zn	68	0.000377	mg/L	2643.74	0.005	16.833
	Ga	69	0.003187	mg/L	19209.47	0.050	8.547
>	Ge	72		mg/L	312695.28	312695.284	7.534
	As	75	0.007897	mg/L	9138.24	0.026	10.941
	Se	77	0.021867	mg/L	12588.88	0.008	49.568
	Se	82	0.004882	mg/L	330.37	0.000	5.735
	Sr	88	0.521305	mg/L	5650633.31	4.388	6.604
>	Y	89		mg/L	1290360.91	1290360.907	5.996
	Mo	95	0.191289	mg/L	347828.63	0.269	6.584
	Mo	98	0.193110	mg/L	567028.71	0.439	3.089
>	Rh	103		mg/L	1156563.87	1156563.865	6.071
	Ag	107	-0.000085	mg/L	134.67	-0.000	51.650
	Ag	109	-0.000139	mg/L	115.34	-0.000	46.331
	Cd	111	0.000213	mg/L	415.68	0.000	27.138
	Cd	114	0.000137	mg/L	893.74	0.001	24.720
>	In	115		mg/L	1281174.95	1281174.955	4.718
	Sn	118	0.000241	mg/L	1137.08	0.001	4.309
	Sn	120	0.000232	mg/L	1515.93	0.001	6.840
	Sb	121	0.000686	mg/L	6429.34	0.001	51.582
	Sb	123	0.000709	mg/L	5015.74	0.001	55.877
	Ba	135	0.036140	mg/L	41814.04	0.022	4.880

	Ba	137	0.036285	mg/L	74537.88	0.040	7.320
>	Tb	159		mg/L	1859222.74	1859222.735	4.249
>	Ho	165		mg/L	1895533.43	1895533.431	4.900
	Hg	202	0.679628	mg/L	3582.74	0.002	5.077
	Tl	203	-0.000065	mg/L	473.68	-0.001	2.202
	Tl	205	-0.000164	mg/L	1026.40	-0.001	2.654
	Pb	208	0.000034	mg/L	2309.14	0.001	3.244
	Bi	209	-0.000031	mg/L	383.68	-0.000	10.585
	Th	232	0.000509	mg/L	4284.72	-0.001	14.006
	U	238	-0.000131	mg/L	90.00	0.000	20.760

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 14:58:22
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\RINSE.033
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	96117.50	96117.505	1.723
	Be	9	0.000157	mg/L	46.67	-0.000	165.276
	B	11	0.004393	mg/L	1004.07	0.003	28.899
	Na	23	0.000820	mg/L	36701.50	0.032	65.755
	Mg	24	-0.000853	mg/L	555.36	0.000	565.683
	Al	27	-0.000725	mg/L	2566.39	-0.001	63.307
	Si	28	-0.003724	mg/L	212130.38	-0.001	3255.308
	K	39	0.269879	mg/L	3595023.45	1.355	16.214
	Ca	44	-0.268499	mg/L	94945.35	-0.068	18.716
>	Sc	45		mg/L	388894.71	388894.709	1.567
	Ti	47	-0.001778	mg/L	1236.43	-0.001	20.807
	V	51	0.005718	mg/L	-5677.04	0.058	5.929
	Cr	52	-0.002478	mg/L	9684.26	-0.020	7.856
	Mn	55	-0.000182	mg/L	1161.42	-0.001	25.751
	Fe	57	-0.001428	mg/L	16868.14	-0.001	128.071
	Ni	58	0.000059	mg/L	5541.75	0.003	45.699
	Co	59	-0.000081	mg/L	164.67	-0.000	1129.584
	Ni	60	-0.000192	mg/L	137.00	0.000	300.709
	Ni	62	-0.000180	mg/L	154.67	0.000	308.384
	Cu	63	-0.000339	mg/L	330.01	-0.000	10.864
	Cu	65	-0.000251	mg/L	289.67	-0.000	257.072
	Zn	66	-0.002228	mg/L	527.35	-0.000	394.919
	Zn	68	-0.002708	mg/L	541.35	-0.001	18.176
	Ga	69	-0.000320	mg/L	1705.84	-0.006	12.143
>	Ge	72		mg/L	276335.06	276335.055	3.711
	As	75	0.000200	mg/L	710.29	-0.001	57.285
	Se	77	-0.165851	mg/L	1364.78	-0.028	2.268
	Se	82	0.000983	mg/L	25.42	0.000	64.444
	Sr	88	0.000038	mg/L	710.70	0.000	72.290
>	Y	89		mg/L	1151656.24	1151656.241	2.430
	Mo	95	0.000924	mg/L	1476.47	0.001	19.438
	Mo	98	0.000972	mg/L	2439.16	0.002	22.530
>	Rh	103		mg/L	1072238.41	1072238.415	7.329
	Ag	107	-0.000094	mg/L	86.33	-0.000	17.337
	Ag	109	-0.000152	mg/L	59.33	-0.000	12.166
	Cd	111	-0.000135	mg/L	48.00	0.000	196.622
	Cd	114	-0.000114	mg/L	263.30	0.000	491.375
>	In	115		mg/L	1145076.19	1145076.194	0.480
	Sn	118	0.000013	mg/L	356.34	-0.000	1476.898
	Sn	120	0.000016	mg/L	485.24	0.000	97.924
	Sb	121	-0.000660	mg/L	780.38	-0.003	2.749
	Sb	123	-0.000665	mg/L	598.29	-0.003	3.496
	Ba	135	0.000065	mg/L	95.00	-0.000	73.513

	Ba	137	0.000097	mg/L	151.05	0.000	336.113
>	Tb	159		mg/L	1709561.55	1709561.555	6.417
>	Ho	165		mg/L	1684399.91	1684399.908	4.809
	Hg	202	0.005412	mg/L	88.67	-0.000	8.275
	Tl	203	-0.000077	mg/L	363.68	-0.001	2.651
	Tl	205	-0.000175	mg/L	788.04	-0.001	1.012
	Pb	208	-0.000067	mg/L	454.34	-0.000	15.960
	Bi	209	-0.000047	mg/L	116.67	-0.000	1.340
	Th	232	0.000313	mg/L	767.37	-0.003	1.880
	U	238	-0.000132	mg/L	65.00	-0.000	142.591

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 15:03:26
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-CCV3.034
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	95048.92	95048.925	0.553
	Be	9	0.037970	mg/L	5272.25	0.055	5.594
	B	11	0.039092	mg/L	3941.56	0.034	7.807
	Na	23	0.386611	mg/L	649408.90	1.559	2.243
	Mg	24	0.377622	mg/L	438446.58	1.093	3.275
	Al	27	0.183221	mg/L	323364.23	0.799	5.587
	Si	28	0.009858	mg/L	232847.37	0.035	32.475
	K	39	0.650817	mg/L	4695236.37	3.832	7.489
	Ca	44	0.178234	mg/L	138731.36	0.034	32.476
>	Sc	45		mg/L	400584.56	400584.556	1.977
	Ti	47	0.036370	mg/L	11704.67	0.025	6.866
	V	51	0.036916	mg/L	114815.31	0.359	24.022
	Cr	52	0.037388	mg/L	147460.33	0.323	4.185
	Mn	55	0.040549	mg/L	210278.95	0.521	8.551
	Fe	57	0.163505	mg/L	38998.86	0.053	3.618
	Ni	58	0.039530	mg/L	100101.06	0.330	9.701
	Co	59	0.036945	mg/L	168605.24	0.584	9.360
	Ni	60	0.038168	mg/L	39968.78	0.138	6.660
	Ni	62	0.040217	mg/L	6554.10	0.022	5.008
	Cu	63	0.040810	mg/L	107281.78	0.369	3.801
	Cu	65	0.039345	mg/L	52061.90	0.179	1.952
	Zn	66	0.035580	mg/L	32523.79	0.111	7.970
	Zn	68	0.034523	mg/L	23317.48	0.078	9.528
	Ga	69	0.038158	mg/L	177436.98	0.603	5.012
>	Ge	72		mg/L	289057.29	289057.288	3.945
	As	75	0.040262	mg/L	40668.39	0.137	3.423
	Se	77	0.020499	mg/L	11581.49	0.007	15.343
	Se	82	0.038237	mg/L	2706.10	0.002	8.481
	Sr	88	0.038637	mg/L	391316.01	0.325	8.737
>	Y	89		mg/L	1204325.55	1204325.546	3.665
	Mo	95	0.040431	mg/L	68559.38	0.057	4.333
	Mo	98	0.039470	mg/L	108062.25	0.089	2.380
>	Rh	103		mg/L	1023369.32	1023369.323	8.301
	Ag	107	0.022056	mg/L	87953.54	0.086	3.624
	Ag	109	0.023292	mg/L	86665.80	0.085	10.008
	Cd	111	0.043648	mg/L	40690.17	0.040	13.828
	Cd	114	0.042959	mg/L	92721.22	0.091	11.118
>	In	115		mg/L	1162555.18	1162555.179	3.355
	Sn	118	0.039009	mg/L	115678.52	0.099	6.250
	Sn	120	0.039291	mg/L	161267.38	0.138	2.356
	Sb	121	0.042092	mg/L	161106.91	0.135	8.059
	Sb	123	0.042915	mg/L	125898.02	0.105	10.112
	Ba	135	0.036667	mg/L	41884.79	0.023	10.508

	Ba	137	0.036635	mg/L	74204.33	0.040	13.597
>	Tb	159		mg/L	1841092.86	1841092.862	6.215
>	Ho	165		mg/L	1762794.92	1762794.925	4.375
	Hg	202	0.024092	mg/L	182.00	-0.000	24.887
	Tl	203	0.038772	mg/L	191687.61	0.108	13.160
	Tl	205	0.039163	mg/L	462896.85	0.262	11.182
	Pb	208	0.039596	mg/L	655501.42	0.372	1.583
	Bi	209	0.038508	mg/L	539256.48	0.306	6.022
	Th	232	0.037902	mg/L	611853.29	0.345	12.176
	U	238	0.038554	mg/L	607924.69	0.346	9.981

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Wednesday, March 30, 2011 15:08:30
Sample File: C:\Elandata\Sample\110330A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110330A_PBK\SEQ-CCB3.035
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	91489.38	91489.376	5.952
	Be	9	0.000164	mg/L	45.33	-0.000	101.648
	B	11	0.000613	mg/L	645.70	-0.000	96.625
	Na	23	-0.000397	mg/L	36267.85	0.027	28.080
	Mg	24	-0.000850	mg/L	582.02	0.000	387.727
	Al	27	-0.000739	mg/L	2643.41	-0.001	41.660
	Si	28	-0.028898	mg/L	193236.09	-0.067	72.068
	K	39	0.227228	mg/L	3625106.01	1.077	43.564
	Ca	44	-0.219030	mg/L	103268.93	-0.057	25.285
>	Sc	45		mg/L	404931.28	404931.283	5.730
	Ti	47	-0.001344	mg/L	1404.46	-0.001	20.361
	V	51	0.000795	mg/L	-24919.93	0.011	171.938
	Cr	52	-0.000600	mg/L	16566.94	-0.004	107.703
	Mn	55	-0.000128	mg/L	1487.80	-0.000	48.794
	Fe	57	-0.003390	mg/L	17280.59	-0.001	138.975
	Ni	58	0.000130	mg/L	5715.19	0.003	79.084
	Co	59	-0.000083	mg/L	155.67	-0.000	192.441
	Ni	60	-0.000170	mg/L	159.00	0.000	57.603
	Ni	62	-0.000164	mg/L	158.00	0.000	75.907
	Cu	63	-0.000301	mg/L	425.01	0.000	98.395
	Cu	65	-0.000226	mg/L	323.34	0.000	68.689
	Zn	66	-0.002258	mg/L	505.02	-0.000	137.661
	Zn	68	-0.002404	mg/L	723.04	-0.001	34.988
	Ga	69	-0.000146	mg/L	2477.70	-0.003	19.666
>	Ge	72		mg/L	277896.12	277896.125	5.943
	As	75	-0.001086	mg/L	-519.82	-0.005	39.958
	Se	77	0.003351	mg/L	10221.85	0.004	62.644
	Se	82	0.001387	mg/L	54.61	0.000	29.314
	Sr	88	0.000023	mg/L	587.02	0.000	139.784
>	Y	89		mg/L	1179918.28	1179918.281	7.364
	Mo	95	0.000505	mg/L	815.05	0.000	14.321
	Mo	98	0.000529	mg/L	1297.21	0.001	15.417
>	Rh	103		mg/L	1089358.42	1089358.416	2.601
	Ag	107	-0.000062	mg/L	228.01	0.000	98.063
	Ag	109	-0.000118	mg/L	194.67	0.000	84.186
	Cd	111	-0.000129	mg/L	55.00	0.000	69.143
	Cd	114	-0.000114	mg/L	269.01	0.000	254.898
>	In	115		mg/L	1226970.92	1226970.917	5.748
	Sn	118	0.000088	mg/L	611.69	0.000	32.296
	Sn	120	0.000091	mg/L	838.90	0.000	46.131
	Sb	121	0.001128	mg/L	7886.53	0.002	45.136
	Sb	123	0.001150	mg/L	6135.41	0.002	36.304
	Ba	135	0.000073	mg/L	106.00	0.000	2622.776

	Ba	137	0.000097	mg/L	156.41	0.000	198.732
>	Tb	159		mg/L	1753828.25	1753828.246	3.355
>	Ho	165		mg/L	1749712.24	1749712.243	3.373
	Hg	202	0.019963	mg/L	161.00	-0.000	17.844
	Tl	203	-0.000039	mg/L	565.36	-0.000	5.392
	Tl	205	-0.000139	mg/L	1237.76	-0.001	8.853
	Pb	208	-0.000059	mg/L	603.35	-0.000	412.321
	Bi	209	0.000027	mg/L	1154.76	0.000	56.607
	Th	232	0.001051	mg/L	12727.22	0.004	34.024
	U	238	-0.000125	mg/L	174.67	0.000	31.305

Dataset Report

User Name: Elan 9000
Computer Name: D4463YH1
Dataset File Path: C:\Elandata\Dataset\110330A_PBK\
Report Date/Time: Wednesday, March 30, 2011 17:36:05

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	Blank	12:15:26 Wed 30-Mar-11	Blank	C:\Elandata\Dataset\110330A_PBK\Blank.001	
	Standard 1	12:20:31 Wed 30-Mar-11	Standard #1	C:\Elandata\Dataset\110330A_PBK\Standard 1.002	
	Standard 2	12:25:38 Wed 30-Mar-11	Standard #2	C:\Elandata\Dataset\110330A_PBK\Standard 2.003	
	Standard 3	12:30:44 Wed 30-Mar-11	Standard #3	C:\Elandata\Dataset\110330A_PBK\Standard 3.004	
	Standard 4	12:35:51 Wed 30-Mar-11	Standard #4	C:\Elandata\Dataset\110330A_PBK\Standard 4.005	
	Standard 5	12:40:59 Wed 30-Mar-11	Standard #5	C:\Elandata\Dataset\110330A_PBK\Standard 5.006	
	SEQ-ICV1	12:46:05 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-ICV1.007	
	SEQ-ICB1	12:51:09 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-ICB1.008	
	SEQ-LCV1	12:56:14 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-LCV1.009	
	SEQ-LCV2	13:01:21 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-LCV2.010	
	SEQ-SCV1	13:06:26 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-SCV1.011	
	SEQ-HCV1	13:11:31 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-HCV1.012	
	SEQ-IFA1	13:16:37 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-IFA1.013	
	SEQ-IFB1	13:21:44 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-IFB1.014	
	SEQ-ICV2	13:26:50 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-ICV2.015	
	RINSE	13:31:55 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\RINSE.016	
	SEQ-CCV1	13:36:59 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCV1.017	
	SEQ-CCB1	13:42:03 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCB1.018	
	1114098-BLK1	13:47:08 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114098-BLK1.019	
	1114098-BS1	13:52:13 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114098-BS1.020	
	11C1442-01	13:57:20 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1442-01.021	
	11C1442-02	14:02:26 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1442-02.022	
	1114098-DUP1	14:07:33 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114098-DUP1.023	
	1114098-MS1	14:12:39 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114098-MS1.024	
	1114098-MSD1	14:17:43 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114098-MSD1.025	
	1114098-PS1	14:22:48 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114098-PS1.026	
	1114098-DUP2	14:27:53 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114098-DUP2.027	
	RINSE	14:32:58 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\RINSE.028	
	SEQ-CCV2	14:38:02 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCV2.029	
	SEQ-CCB2	14:43:06 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCB2.030	
	11C1255-07RE2	14:48:10 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1255-07RE2.03	
	11C1255-41RE2	14:53:15 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1255-41RE2.03	
	RINSE	14:58:22 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\RINSE.033	
	SEQ-CCV3	15:03:26 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCV3.034	
	SEQ-CCB3	15:08:30 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCB3.035	
	1114127-BLK1	15:16:06 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114127-BLK1.036	
	1114127-BS1	15:18:41 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114127-BS1.037	
	1114127-BSD1	15:21:16 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114127-BSD1.038	
	11C1498-01	15:23:50 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1498-01.039	
	1114127-PS1	15:26:25 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114127-PS1.040	
	1114127-PS2	15:28:59 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114127-PS2.041	
	RINSE	15:31:33 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\RINSE.042	
	SEQ-CCV6	15:34:06 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCV6.043	
	SEQ-CCB6	15:36:39 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCB6.044	

SEQ-CCV3	15:45:22 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCV3.045
SEQ-CCB3	15:50:26 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCB3.046
1114048-BLK1	15:55:30 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114048-BLK1.047
1114048-BS1	16:00:35 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114048-BS1.048
11C1441-01	16:05:41 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1441-01.049
1114048-DUP1	16:10:47 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114048-DUP1.050
1114048-MS1	16:15:53 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114048-MS1.051
1114048-MSD1	16:20:59 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\1114048-MSD1.052
11C1441-02	16:26:05 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1441-02.053
11C1441-03	16:31:12 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1441-03.054
11C1441-04	16:36:19 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1441-04.055
11C1441-05	16:41:25 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1441-05.056
RINSE	16:46:30 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\RINSE.057
SEQ-CCV4	16:51:34 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCV4.058
SEQ-CCB4	16:56:39 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCB4.059
11C1441-06	17:01:43 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1441-06.060
11C1441-07	17:06:48 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\11C1441-07.061
RINSE	17:11:54 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\RINSE.062
SEQ-CCV5	17:16:58 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCV5.063
SEQ-CCB5	17:22:02 Wed 30-Mar-11	Sample	C:\Elandata\Dataset\110330A_PBK\SEQ-CCB5.064

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001454	-0.000	0.999981
B	11.009	Simple Linear	0.000894	-0.001	0.999931
Na	22.990	Simple Linear	0.003957	0.029	0.999997
Mg	23.985	Simple Linear	0.002887	0.002	0.999806
Al	26.982	Simple Linear	0.004351	0.002	0.999893
Si	27.977	Simple Linear	0.002641	0.009	0.991941
K	38.964	Simple Linear	0.006503	-0.400	0.999973
Ca	43.956	Simple Linear	0.000229	-0.007	0.999967
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000682	-0.000	0.999992
V	50.944	Simple Linear	0.009639	0.003	0.999899
Cr	51.941	Simple Linear	0.008610	0.001	0.999983
Mn	54.938	Simple Linear	0.012822	0.001	0.999999
Fe	56.935	Simple Linear	0.000327	-0.000	0.997807
Ni	57.935	Simple Linear	0.008286	0.002	0.999982
Co	58.933	Simple Linear	0.015776	0.001	0.999991
Ni	59.933	Simple Linear	0.003598	0.001	0.999992
Ni	61.928	Simple Linear	0.000547	0.000	0.999993
Cu	62.930	Simple Linear	0.008982	0.003	0.999991
Cu	64.928	Simple Linear	0.004524	0.001	0.999986
Zn	65.926	Simple Linear	0.002932	0.006	0.998961
Zn	67.925	Simple Linear	0.002119	0.005	0.998990
Ga	68.926	Simple Linear	0.015812	-0.001	0.999999
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.003445	-0.001	0.999992
Se	76.920	Simple Linear	0.000189	0.004	0.981283
Se	81.917	Simple Linear	0.000060	-0.000	0.999988
Sr	87.906	Simple Linear	0.008418	-0.000	0.999998
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001408	-0.000	0.999994
Mo	97.906	Simple Linear	0.002277	-0.001	0.999991
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.003884	0.000	0.999998
Ag	108.905	Simple Linear	0.003630	0.000	0.999996
Cd	110.904	Simple Linear	0.000914	0.000	1.000000
Cd	113.904	Simple Linear	0.002111	0.000	0.999999
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002540	-0.000	0.999999
Sn	119.902	Simple Linear	0.003520	-0.000	0.999999
Sb	120.904	Simple Linear	0.003231	-0.001	0.999983
Sb	122.904	Simple Linear	0.002478	-0.001	0.999983
Ba	134.906	Simple Linear	0.000623	-0.000	0.999994
Ba	136.905	Simple Linear	0.001107	-0.000	0.999990
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000003	-0.000	0.969027
Tl	202.972	Simple Linear	0.002804	-0.000	0.999998
Tl	204.975	Simple Linear	0.006685	-0.000	0.999996
Pb	207.977	Simple Linear	0.009369	0.001	0.999999
Bi	208.980	Simple Linear	0.007946	0.000	0.999996
Th	232.038	Simple Linear	0.009254	-0.006	0.999970
U	238.050	Simple Linear	0.008939	0.001	0.999990

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1C3107 **Matrix:** Water **Department:** SVOC GCMS **Instrument:** MSD5

Injection Log

Data Directory: C:\MSD5\2011\MAR\MAR3011\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) S5033001.D				
SEQ-TUN	PCP,DFTPP,BENZ,DDT	100	1.000	30 Mar 2011 10:44 am
2) S5033002.D				
SEQ-CCV	MC12320 >1mL=40ppm	1	1.000	30 Mar 2011 11:18 am
3) S5033003.D				
SEQ-ICB	MB10749,1ml	2	1.000	30 Mar 2011 11:53 am
4) S5033004.D				
11C1255-16RE2	10,SEVERSTAL,100ul/1	3	1.000	30 Mar 2011 12:27 pm
5) S5033005.D				
SEQ-ICB	MB10749,1ml	2	1.000	30 Mar 2011 1:02 pm
6) S5033006.D				
1114125-BSD1	1,50 PPM LCS,200ml+1	4	1.000	30 Mar 2011 1:36 pm
7) S5033007.D				
1114125-BSD1	1,50 PPM LCS,200ml+1	5	1.000	30 Mar 2011 2:11 pm
8) S5033008.D				
1114125-BLK1	1,METHOD BLANK,200ml	6	1.000	30 Mar 2011 2:46 pm
9) S5033009.D				
11C1536-01	1,NORTHRUP,200ml+1ml	7	1.000	30 Mar 2011 3:21 pm
10) S5033010.D				
1114125-MS1	1,NORTHRUP,200ml+1ml	8	1.000	30 Mar 2011 3:55 pm
11) S5033011.D				
1114125-MSD1	1,NORTHRUP,200ml+1ml	9	1.000	30 Mar 2011 4:30 pm
12) S5033012.D				
11C1536-02	1,NORTHRUP,200ml+1ml	10	1.000	30 Mar 2011 5:05 pm
13) S5033013.D				
11C1536-03	1,NORTHRUP,200ml+1ml	11	1.000	30 Mar 2011 5:40 pm
14) S5033014.D				
11C1536-04	1,NORTHRUP,200ml+1ml	12	1.000	30 Mar 2011 6:14 pm
15) S5033015.D				
11C1536-05	1,NORTHRUP,200ml+1ml	13	1.000	30 Mar 2011 6:49 pm
16) S5033016.D				
11C1536-06	1,NORTHRUP,200ml+1ml	14	1.000	30 Mar 2011 7:24 pm
17) S5033017.D				
11C1536-07	1,NORTHRUP,200ml+1ml	15	1.000	30 Mar 2011 7:59 pm
18) S5033018.D				
SEQ-CCV	MC12320>1ml=40ppm	1	1.000	30 Mar 2011 8:34 pm
19) S5033019.D				
SEQ-ICB	MB10749,1ml	2	1.000	30 Mar 2011 9:08 pm
20) S5033020.D				
SEQ-ICB	MB10749,1ml	2	1.000	30 Mar 2011 9:43 pm

GC/MS QA-QC Check Report

Tune File : C:\MSD5\2011\MAR\MAR3011\S5033001.D
Tune Time : 30 Mar 2011 10:44 am

Daily Calibration File : C:\MSD5\2011\MAR\MAR3011\S5033002.D

(2FP)	(PHL)	(NBZ)	(FBP)	(DCB)	(NPT)	(ANT)
				66667	245092	142955
(TBP)	(TPH)			(PHN)	(CRY)	(PRY)
				196939	217567	187534

File	Sample	Surrogate Recovery %				Internal Standard Responses		
S5033002.D								
	SEQ-CCV	50	49	78	71	66667	245092	142955
		52	67			196939	217567	187534
S5033003.D								
	SEQ-ICB	99*	97*	98	94	62494	231497	133360
		84	94			214242	193591	156394
S5033004.D								
	11C1255-16	3*	2*	5*	5*	63653	233715	137801
		4*	4*			222305	203841	178561
S5033005.D								
	SEQ-ICB	99*	98*	95	91	55840	213495	119703
		88	99			187531	165734	136399
S5033006.D								
	1114125-BS	57	42	76	76	64702	245520	144277
		84	82			199955	201599	172790
S5033007.D								
	1114125-BS	49	35	67	68	66194	245608	142130
		82	83			206118	202536	167777
S5033008.D								
	1114125-BL	38	28	59	58	64386	233844	132323
		56	62			218187	195748	168532
S5033009.D								
	11C1536-01	46	32	71	70	65872	243817	140000
		74	83			227732	210171	182769
S5033010.D								
	1114125-MS	52	37	77	74	62453	242649	142519
		78	79			204761	204984	175255
S5033011.D								
	1114125-MS	43	31	66	61	68823	258230	155275
		69	70			233747	235611	194059
S5033012.D								
	11C1536-02	49	37	67	70	63537	247874	139980
		52	77			199837	193799	170551
S5033013.D								
	11C1536-03	51	10*	78	77	64502	246501	143305
		68	82			229595	203060	180490
S5033014.D								
	11C1536-04	51	33	77	74	67888	250750	141069
		74	79			227311	202046	184625
S5033015.D								

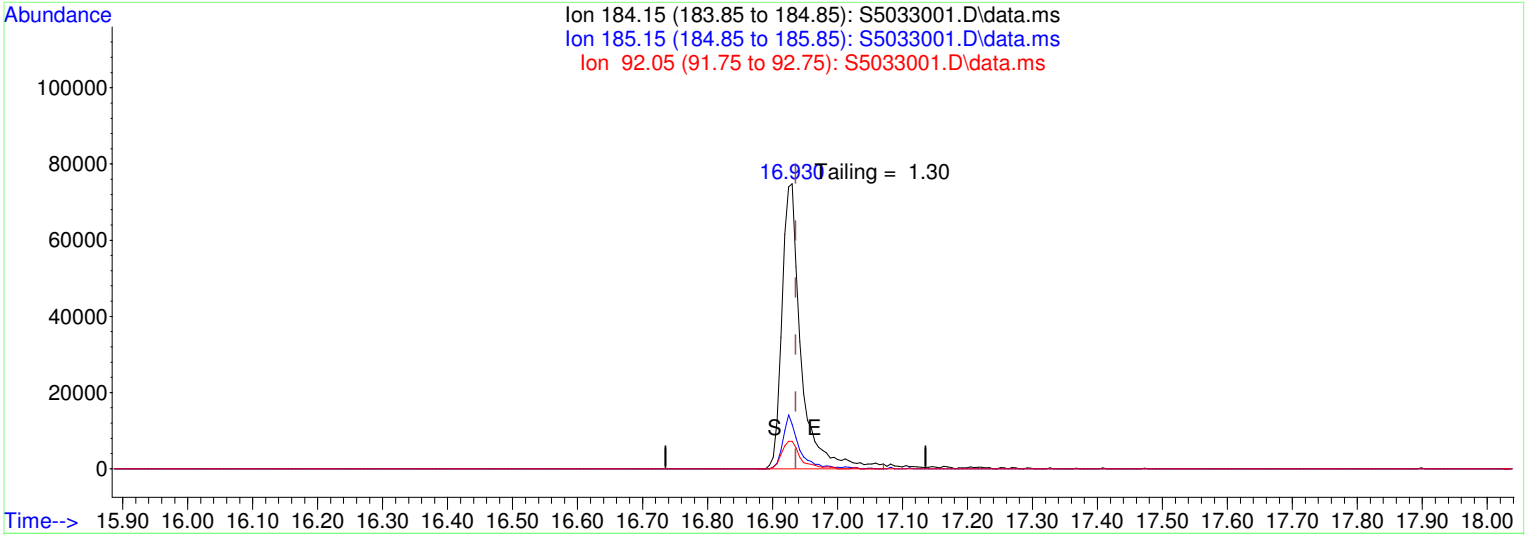
	11C1536-05	0*	0*	64	66	64485	269898	145746
		58	72			229409	209200	181800
S5033016.D								
	11C1536-06	44	12*	66	65	66300	257146	144702
		61	71			231517	197275	187781
S5033017.D								
	11C1536-07	43	9*	63	64	59079	223445	130909
		53	74			200765	179930	162504
S5033018.D								
	SEQ-CCV	51	51	76	75	67967	252569	141416
		48	70			194134	209149	183742
S5033019.D								
	SEQ-ICB	101*	97*	97	95	58835	220457	121907
		83	98			197555	171996	143757
S5033020.D								
	SEQ-ICB	101*	99*	96	99	56471	214023	116145
		82	95			188550	169769	138819

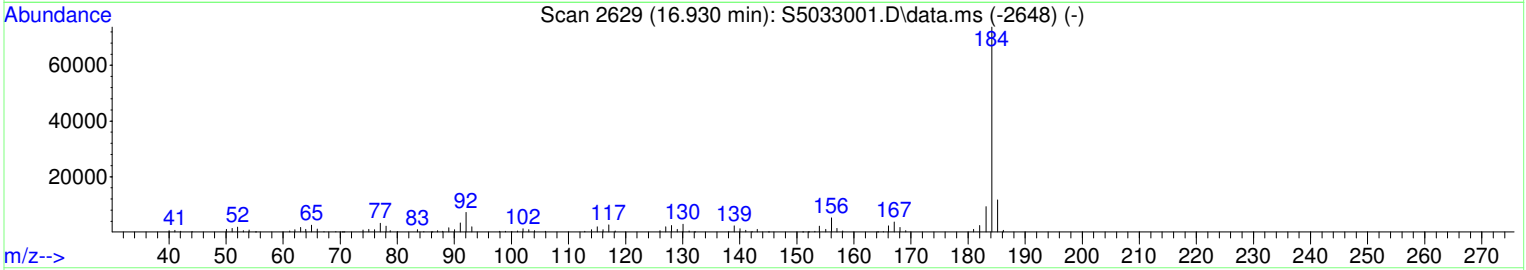
(fails) - fails 12hr time check * - fails criteria

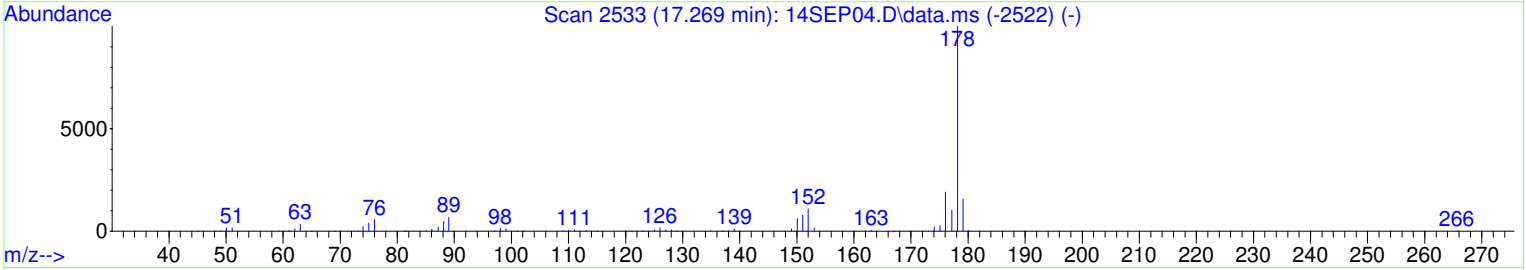
Created: Thu Mar 31 11:31:15 2011 MSD5

Data File : C:\MSD5\2011\MAR\MAR3011\S5033001.D Vial: 100
Acq On : 30 Mar 2011 10:44 am Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 30 11:43:56 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5033001.D\data.ms

(12) Benzidine

16.930min (-0.006) 0.00 ug/mL

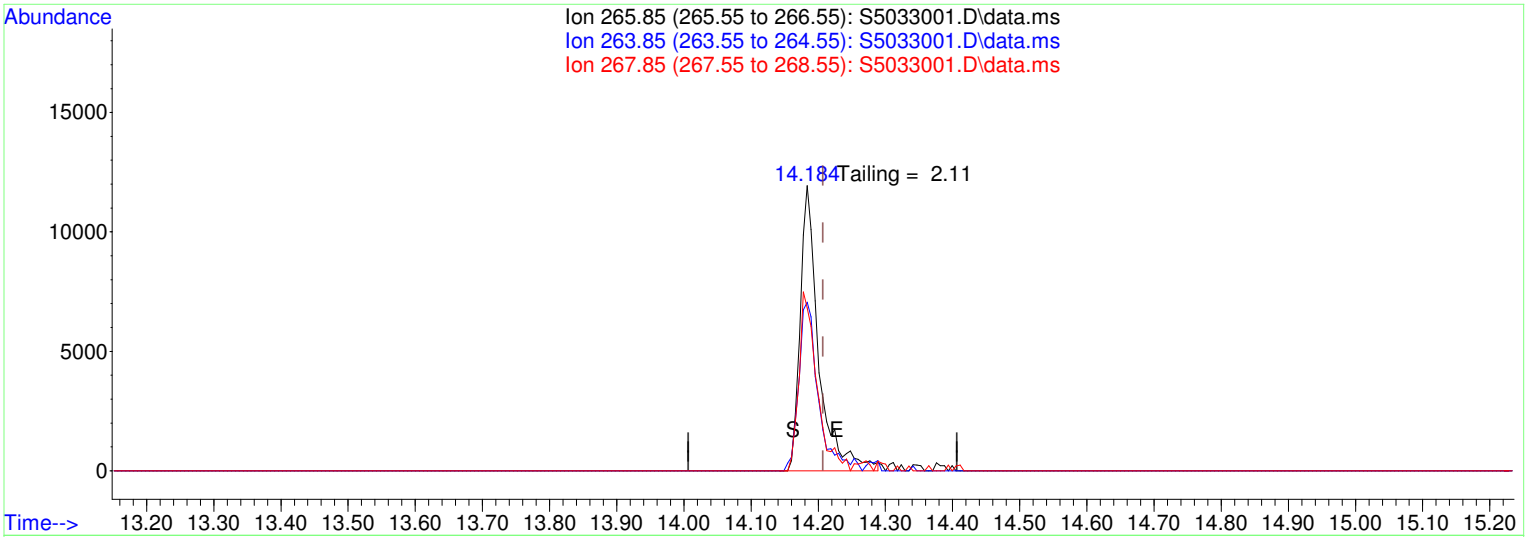
response 151710

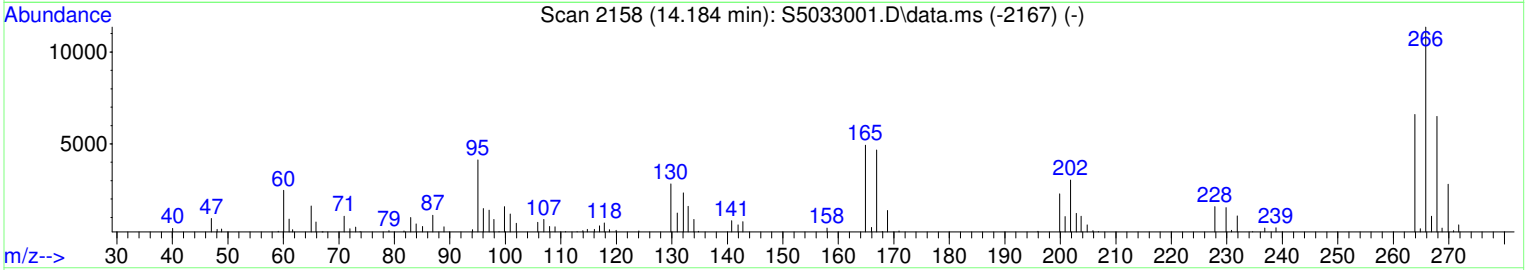
Ion	Exp%	Act%
184.15	100	100
185.15	14.50	15.62
92.05	8.50	9.60
0.00	0.00	0.00

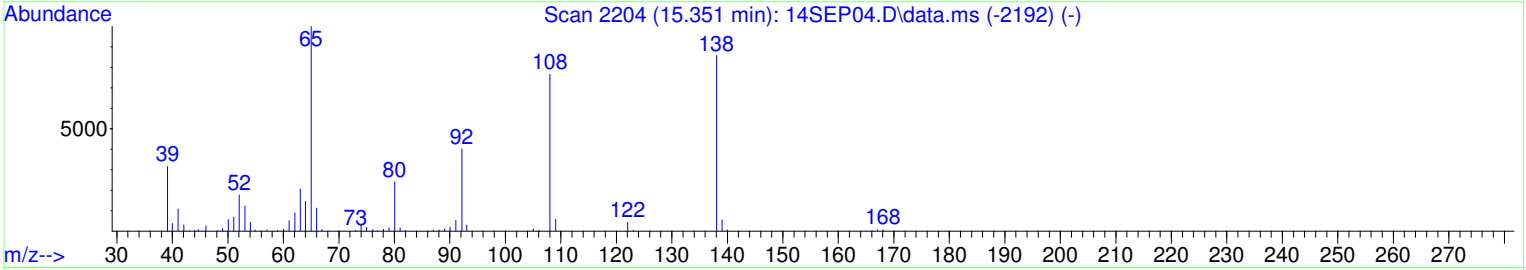
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR3011\S5033001.D Vial: 100
Acq On : 30 Mar 2011 10:44 am Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 30 11:43:56 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5033001.D\data.ms

(10) Pentachlorophenol (CM*)

14.184min (-0.023) 0.00 ug/mL

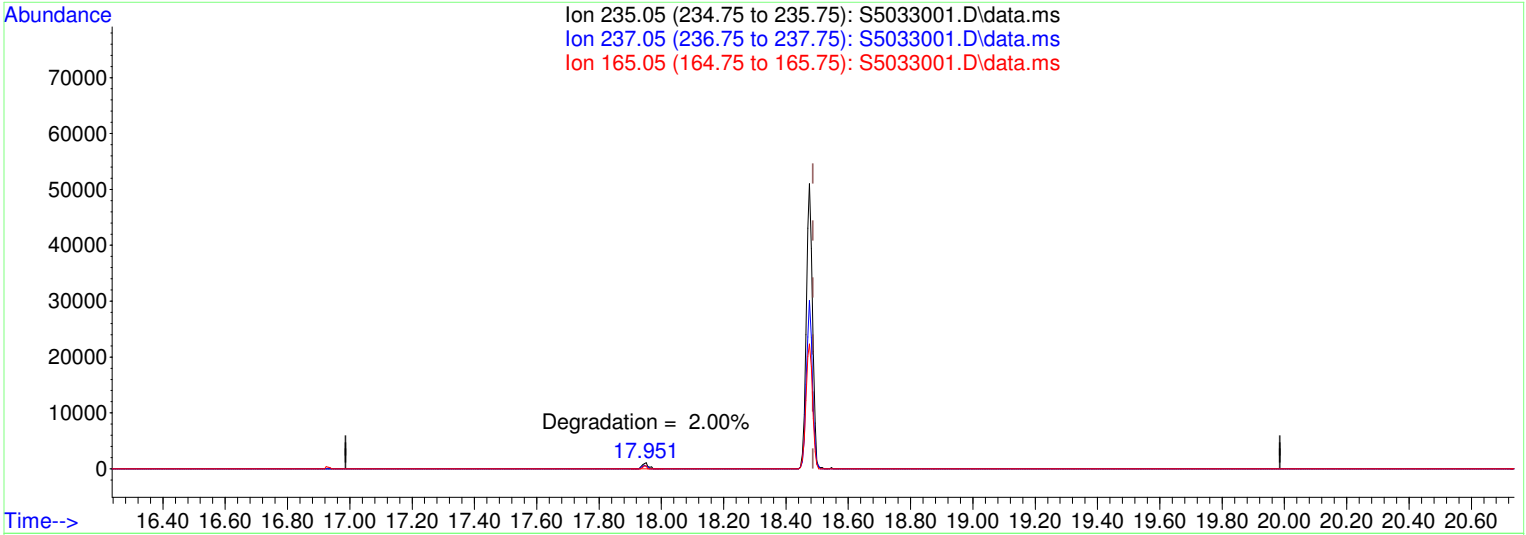
response 21428

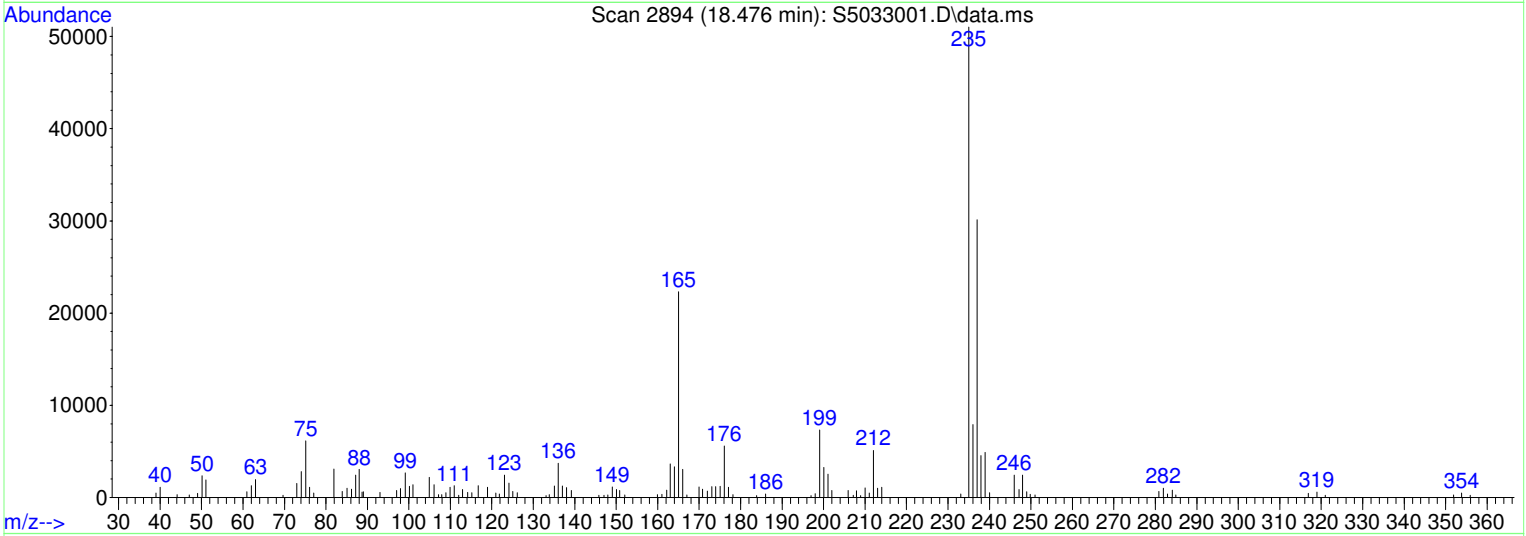
Ion	Exp%	Act%
265.85	100	100
263.85	61.50	59.16
267.85	62.40	57.13
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSD5\2011\MAR\MAR3011\S5033001.D Vial: 100
Acq On : 30 Mar 2011 10:44 am Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Mar 30 11:43:56 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration





TIC: S5033001.D\data.ms

(7) p,p'-DDT

18.476min (-0.011) 0.00 ug/mL

response 70504

Ion	Exp%	Act%
235.05	100	100
237.05	64.80	57.46
165.05	49.40	46.18
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR3011\S5033002.D Vial: 1
Acq On : 30 Mar 2011 11:18 am Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 31 11:19:26 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	102	-0.02
2		N-Nitrosodimethylamine	40.000	38.570	3.6	95	-0.06
3	T	Pyridine	40.000	38.973	2.6	95	-0.06
4	S	2-Fluorophenol	40.000	37.258	6.9	93	-0.03
5		Pentachloroethane	40.000	35.399	11.5	90	-0.02
6		Aniline	40.000	38.890	2.8	98	-0.03
7	T	bis(2-Chloroethyl)ether	40.000	37.513	6.2	100	-0.03
8	S	Phenol-d5	40.000	37.102	7.2	94	-0.04
9	CM*	Phenol	40.000	38.205	4.5	97	-0.04
10	M	2-Chlorophenol	40.000	38.627	3.4	101	-0.03
11	T	1,3-Dichlorobenzene	40.000	37.962	5.1	97	-0.02
12	CM*	1,4-Dichlorobenzene	40.000	36.903	7.7	96	-0.02
13	T	1,2-Dichlorobenzene	40.000	37.958	5.1	98	-0.02
14	T	Benzyl alcohol	40.000	38.306	4.2	96	-0.03
15	T	bis(2-chloroisopropyl)ether	40.000	36.810	8.0	95	-0.02
16	T	2-Methylphenol	40.000	38.453	3.9	97	-0.02
17	T	Hexachloroethane	40.000	36.951	7.6	97	-0.02
18	PM**	N-Nitroso-di-n-propylamine	40.000	36.748	8.1	95	-0.03
19	T	4-Methylphenol,3-Methylphen	40.000	37.811	5.5	96	-0.02
20	I	Naphthalene-d8	40.000	40.000	0.0	102	-0.02
21	S	Nitrobenzene-d5	40.000	39.206	2.0	101	-0.02
22	T	Nitrobenzene	40.000	38.535	3.7	97	-0.03
23	T	Isophorone	40.000	36.713	8.2	94	-0.02
24	CT*	2-Nitrophenol	40.000	38.846	2.9	97	-0.02
25	T	2,4-Dimethylphenol	40.000	42.626	-6.6	108	-0.02
26	T	bis(2-Chloroethoxy)methane	40.000	35.569	11.1	92	-0.02
27	CT*	2,4-Dichlorophenol	40.000	38.933	2.7	95	-0.02
28	M	1,2,4-Trichlorobenzene	40.000	37.306	6.7	95	-0.03
29	T	Naphthalene	40.000	37.201	7.0	96	-0.02
30	T	4-Chloroaniline	40.000	37.256	6.9	94	-0.02
31	T	Benzoic Acid	40.000	37.502	6.2	104	-0.06
32	CT*	Hexachlorobutadiene	40.000	36.411	9.0	91	-0.02
33		Resorcinol	40.000	42.278	-5.7	111	-0.03
34	CM*	4-Chloro-3-methylphenol	40.000	37.935	5.2	96	-0.02
35	T	2-Methylnaphthalene	40.000	36.196	9.5	95	-0.02
36		1-Methylnaphthalene	40.000	35.849	10.4	93	-0.02
37	I	Acenaphthene-d10	40.000	40.000	0.0	103	-0.02
38	PT**	Hexachlorocyclopentadiene	40.000	35.396	11.5	91	-0.02
39	CT*	2,4,6-Trichlorophenol	40.000	38.430	3.9	96	-0.02
40	T	2,4,5-Trichlorophenol	40.000	38.734	3.2	96	-0.02
41	S	2-Fluorobiphenyl	40.000	35.657	10.9	91	-0.02
42	T	2-Chloronaphthalene	40.000	36.976	7.6	94	-0.02
43	T	2-Nitroaniline	40.000	40.662	-1.7	101	-0.03
44		1,4-Dinitrobenzene	40.000	37.187	7.0	98	-0.04
45	T	Acenaphthylene	40.000	37.405	6.5	93	-0.02
46	T	Dimethylphthalate	40.000	35.292	11.8	92	-0.03
47		1,3-Dinitrobenzene	40.000	36.424	8.9	95	-0.03
48		1,2-Dinitrobenzene	40.000	36.424	8.9	95	-0.03
49	T	2,6-Dinitrotoluene	40.000	37.387	6.5	94	-0.03
50	CM*	Acenaphthene	40.000	35.999	10.0	90	-0.03
51	T	3-Nitroaniline	40.000	36.937	7.7	92	-0.03
52	PT**	2,4-Dinitrophenol	40.000	34.624	13.4	85	-0.02
53	T	Dibenzofuran	40.000	36.269	9.3	92	-0.03

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR3011\S5033002.D Vial: 1
Acq On : 30 Mar 2011 11:18 am Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Mar 31 11:19:26 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	37.632	5.9	94	-0.02
55		2,3,4,6-Tetrachlorophenol	40.000	35.149	12.1	87	-0.02
56	M	2,4-Dinitrotoluene	40.000	38.527	3.7	92	-0.03
57	PM**	4-Nitrophenol	40.000	35.976	10.1	93	-0.02
58	T	Fluorene	40.000	36.637	8.4	93	-0.03
59	T	4-Chlorophenyl-phenylether	40.000	34.704	13.2	88	-0.03
60	T	Diethylphthalate	40.000	34.021	14.9	88	-0.03
61	T	1,2-Diphenylhydrazine (Azob	40.000	35.586	11.0	90	-0.03
62	T	4-Nitroaniline	40.000	36.937	7.7	92	-0.03
63	I	Phenanthrene-d10	40.000	40.000	0.0	96	-0.03
64	T	4,6-Dinitro-2-methylphenol	40.000	35.377	11.6	85	-0.03
65	CT*	n-Nitrosodiphenylamine	40.000	36.166	9.6	92	-0.03
66	S	2,4,6-Tribromophenol	40.000	39.147	2.1	91	-0.02
67	T	4-Bromophenyl-phenylether	40.000	35.426	11.4	89	-0.02
68	T	Hexachlorobenzene	40.000	38.602	3.5	93	-0.03
69	CM*	Pentachlorophenol	40.000	38.881	2.8	100	-0.02
70	T	Phenanthrene	40.000	37.876	5.3	92	-0.03
71	T	Anthracene	40.000	37.276	6.8	90	-0.03
72	T	Carbazole	40.000	37.748	5.6	90	-0.03
73	T	Di-n-butylphthalate	40.000	32.667	18.3	77	-0.02
74	CT*	Fluoranthene	40.000	37.110	7.2	87	-0.03
75	I	Chrysene-d12	40.000	40.000	0.0	98	-0.04
76	M	Pyrene	40.000	35.922	10.2	88	-0.03
77		Benzidine	40.000	34.551	13.6	81	-0.03
78	S	Terphenyl-d14	40.000	33.568	16.1	84	-0.04
79		3,3'-Dimethylbenzidine	40.000	0.000	100.0#	0	-18.32#
80	T	Butylbenzylphthalate	40.000	31.913	20.2	78	-0.04
81		bis(2-ethylhexyl)adipate	40.000	27.217	32.0#	67	-0.03
82	T	3,3'-Dichlorobenzidine	40.000	37.276	6.8	89	-0.04
83	T	Benzo[a]anthracene	40.000	35.707	10.7	87	-0.04
84	T	Chrysene	40.000	35.928	10.2	86	-0.04
85	T	bis(2-Ethylhexyl)phthalate	40.000	29.324	26.7	71	-0.03
86	I	Perylene-d12	40.000	40.000	0.0	104	-0.03
87	CT*	Di-n-octylphthalate	40.000	28.235	29.4	74	-0.03
88	T	Benzo[b]fluoranthene	40.000	37.193	7.0	98	-0.03
89	T	Benzo[k]fluoranthene	40.000	37.044	7.4	95	-0.04
90	CT*	Benzo[a]pyrene	40.000	38.001	5.0	98	-0.04
91	T	Indeno[1,2,3-cd]pyrene	40.000	35.408	11.5	90	-0.04
92	T	Dibenz[a,h]anthracene	40.000	34.271	14.3	89	-0.04
93	T	Benzo[g,h,i]perylene	40.000	35.693	10.8	94	-0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR3011\S5033018.D Vial: 1
Acq On : 30 Mar 2011 8:34 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Mar 31 11:28:00 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	104	-0.02
2		N-Nitrosodimethylamine	40.000	39.922	0.2	101	-0.06
3	T	Pyridine	40.000	40.657	-1.6	101	-0.06
4	S	2-Fluorophenol	40.000	38.298	4.3	98	-0.03
5		Pentachloroethane	40.000	36.332	9.2	95	-0.02
6		Aniline	40.000	38.544	3.6	99	-0.03
7	T	bis(2-Chloroethyl)ether	40.000	36.654	8.4	100	-0.03
8	S	Phenol-d5	40.000	38.200	4.5	99	-0.03
9	CM*	Phenol	40.000	39.222	1.9	101	-0.03
10	M	2-Chlorophenol	40.000	37.414	6.5	100	-0.03
11	T	1,3-Dichlorobenzene	40.000	38.118	4.7	99	-0.03
12	CM*	1,4-Dichlorobenzene	40.000	37.057	7.4	98	-0.03
13	T	1,2-Dichlorobenzene	40.000	37.527	6.2	99	-0.02
14	T	Benzyl alcohol	40.000	36.346	9.1	93	-0.03
15	T	bis(2-chloroisopropyl)ether	40.000	35.848	10.4	94	-0.03
16	T	2-Methylphenol	40.000	38.461	3.8	99	-0.03
17	T	Hexachloroethane	40.000	36.898	7.8	99	-0.02
18	PM**	N-Nitroso-di-n-propylamine	40.000	36.889	7.8	97	-0.03
19	T	4-Methylphenol,3-Methylphen	40.000	38.258	4.4	99	-0.03
20	I	Naphthalene-d8	40.000	40.000	0.0	105	-0.02
21	S	Nitrobenzene-d5	40.000	37.874	5.3	100	-0.02
22	T	Nitrobenzene	40.000	37.650	5.9	98	-0.03
23	T	Isophorone	40.000	36.663	8.3	97	-0.02
24	CT*	2-Nitrophenol	40.000	37.647	5.9	97	-0.02
25	T	2,4-Dimethylphenol	40.000	40.533	-1.3	106	-0.02
26	T	bis(2-Chloroethoxy)methane	40.000	35.442	11.4	94	-0.02
27	CT*	2,4-Dichlorophenol	40.000	37.167	7.1	93	-0.02
28	M	1,2,4-Trichlorobenzene	40.000	36.578	8.6	96	-0.02
29	T	Naphthalene	40.000	36.424	8.9	97	-0.02
30	T	4-Chloroaniline	40.000	38.329	4.2	100	-0.02
31	T	Benzoic Acid	40.000	34.574	13.6	97	-0.06
32	CT*	Hexachlorobutadiene	40.000	35.579	11.1	92	-0.02
33		Resorcinol	40.000	36.727	8.2	99	-0.03
34	CM*	4-Chloro-3-methylphenol	40.000	36.143	9.6	94	-0.02
35	T	2-Methylnaphthalene	40.000	35.541	11.1	96	-0.02
36		1-Methylnaphthalene	40.000	35.811	10.5	95	-0.02
37	I	Acenaphthene-d10	40.000	40.000	0.0	102	-0.02
38	PT**	Hexachlorocyclopentadiene	40.000	36.639	8.4	93	-0.02
39	CT*	2,4,6-Trichlorophenol	40.000	39.726	0.7	98	-0.02
40	T	2,4,5-Trichlorophenol	40.000	38.317	4.2	94	-0.02
41	S	2-Fluorobiphenyl	40.000	37.459	6.4	95	-0.02
42	T	2-Chloronaphthalene	40.000	36.996	7.5	93	-0.02
43	T	2-Nitroaniline	40.000	39.199	2.0	96	-0.03
44		1,4-Dinitrobenzene	40.000	36.708	8.2	95	-0.03
45	T	Acenaphthylene	40.000	38.391	4.0	95	-0.02
46	T	Dimethylphthalate	40.000	35.871	10.3	93	-0.03
47		1,3-Dinitrobenzene	40.000	35.437	11.4	91	-0.03
48		1,2-Dinitrobenzene	40.000	35.437	11.4	91	-0.03
49	T	2,6-Dinitrotoluene	40.000	36.072	9.8	90	-0.03
50	CM*	Acenaphthene	40.000	37.256	6.9	92	-0.03
51	T	3-Nitroaniline	40.000	35.828	10.4	88	-0.03
52	PT**	2,4-Dinitrophenol	40.000	34.358	14.1	83	-0.02
53	T	Dibenzofuran	40.000	37.117	7.2	93	-0.02

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\MAR\MAR3011\S5033018.D Vial: 1
Acq On : 30 Mar 2011 8:34 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Mar 31 11:28:00 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	37.654	5.9	93	-0.02
55		2,3,4,6-Tetrachlorophenol	40.000	34.661	13.3	84	-0.02
56	M	2,4-Dinitrotoluene	40.000	39.002	2.5	92	-0.03
57	PM**	4-Nitrophenol	40.000	31.417	21.5	80	-0.02
58	T	Fluorene	40.000	35.841	10.4	90	-0.03
59	T	4-Chlorophenyl-phenylether	40.000	35.252	11.9	88	-0.02
60	T	Diethylphthalate	40.000	35.446	11.4	90	-0.03
61	T	1,2-Diphenylhydrazine (Azob	40.000	35.760	10.6	90	-0.02
62	T	4-Nitroaniline	40.000	35.828	10.4	88	-0.03
63	I	Phenanthrene-d10	40.000	40.000	0.0	95	-0.02
64	T	4,6-Dinitro-2-methylphenol	40.000	35.287	11.8	84	-0.02
65	CT*	n-Nitrosodiphenylamine	40.000	36.123	9.7	90	-0.02
66	S	2,4,6-Tribromophenol	40.000	35.732	10.7	82	-0.02
67	T	4-Bromophenyl-phenylether	40.000	37.277	6.8	93	-0.02
68	T	Hexachlorobenzene	40.000	37.446	6.4	89	-0.03
69	CM*	Pentachlorophenol	40.000	37.207	7.0	94	-0.02
70	T	Phenanthrene	40.000	37.815	5.5	90	-0.03
71	T	Anthracene	40.000	37.929	5.2	91	-0.03
72	T	Carbazole	40.000	37.231	6.9	87	-0.03
73	T	Di-n-butylphthalate	40.000	33.542	16.1	78	-0.02
74	CT*	Fluoranthene	40.000	36.520	8.7	84	-0.03
75	I	Chrysene-d12	40.000	40.000	0.0	95	-0.04
76	M	Pyrene	40.000	36.402	9.0	86	-0.03
77		Benzidine	40.000	33.646	15.9	76	-0.03
78	S	Terphenyl-d14	40.000	34.903	12.7	84	-0.04
79		3,3'-Dimethylbenzidine	40.000	0.000	100.0#	0	-18.32#
80	T	Butylbenzylphthalate	40.000	31.545	21.1	74	-0.03
81		bis(2-ethylhexyl)adipate	40.000	28.796	28.0	69	-0.03
82	T	3,3'-Dichlorobenzidine	40.000	36.580	8.6	84	-0.04
83	T	Benzo[a]anthracene	40.000	36.468	8.8	86	-0.04
84	T	Chrysene	40.000	37.135	7.2	86	-0.04
85	T	bis(2-Ethylhexyl)phthalate	40.000	29.896	25.3	69	-0.03
86	I	Perylene-d12	40.000	40.000	0.0	102	-0.03
87	CT*	Di-n-octylphthalate	40.000	27.985	30.0#	72	-0.03
88	T	Benzo[b]fluoranthene	40.000	36.797	8.0	95	-0.03
89	T	Benzo[k]fluoranthene	40.000	36.679	8.3	92	-0.04
90	CT*	Benzo[a]pyrene	40.000	37.688	5.8	95	-0.03
91	T	Indeno[1,2,3-cd]pyrene	40.000	35.295	11.8	88	-0.04
92	T	Dibenz[a,h]anthracene	40.000	34.826	12.9	89	-0.04
93	T	Benzo[g,h,i]perylene	40.000	35.544	11.1	92	-0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D0103 **Matrix:** Water **Department:** Metals **Instrument:** PE ELAN 9000

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, March 31, 2011 09:36:27
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.184
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	38919.4	38919.422	739.297	1.9
	Rh	102.9	399790.9	399790.937	7421.764	1.9
	In	114.9	475256.9	475256.940	7759.579	1.6
	Pb	208.0	290427.4	290427.351	3381.857	1.2
	U	238.1	545927.5	545927.531	5630.588	1.0
⎡>	Ba	137.9	450702.9	450702.876	8020.340	1.8
⎣	Ba++	69.0	14329.6	0.032	0.001	1.8
⎡>	Ce	139.9	554677.7	554677.666	9954.445	1.8
⎣	CeO	155.9	12264.4	0.022	0.000	1.4
	Bkgd	220.0	27.6	27.634	1.685	6.1

Current Optimization File Data

Current Value	Description
0.80	Nebulizer Gas Flow
7.00	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.8	3858.8
Co	59	17	7.0	127391.0
In	115	17	7.8	392985.4

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, March 31, 2011 09:42:20
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.185
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	62515.3	62515.254	981.955	1.6
	Rh	102.9	639672.4	639672.359	10300.730	1.6
	In	114.9	748764.5	748764.455	6239.672	0.8
	Pb	208.0	430633.8	430633.825	4345.703	1.0
	U	238.1	820869.7	820869.670	10153.954	1.2
⎡>	Ba	137.9	690321.1	690321.129	6377.978	0.9
⎣	Ba++	69.0	20398.8	0.030	0.001	2.6
⎡>	Ce	139.9	844966.2	844966.212	7771.232	0.9
⎣	CeO	155.9	20156.0	0.024	0.000	1.5
	Bkgd	220.0	19.2	19.234	0.693	3.6

Current Optimization File Data

Current Value	Description
0.84	Nebulizer Gas Flow
7.00	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.8	3858.8
Co	59	17	7.0	127391.0
In	115	17	7.8	392985.4

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, March 31, 2011 09:46:57
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.186
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	79348.8	79348.774	1104.753	1.4
	Rh	102.9	761848.8	761848.814	2384.569	0.3
	In	114.9	885414.8	885414.843	5708.889	0.6
	Pb	208.0	499373.9	499373.949	3127.270	0.6
	U	238.1	954679.1	954679.083	6326.553	0.7
⎡>	Ba	137.9	811325.0	811324.963	6505.790	0.8
⎣	Ba++	69.0	23195.3	0.029	0.000	1.4
⎡>	Ce	139.9	996247.6	996247.582	13533.500	1.4
⎣	CeO	155.9	25054.4	0.025	0.000	1.0
	Bkgd	220.0	15.7	15.700	1.861	11.9

Current Optimization File Data

Current Value	Description
0.86	Nebulizer Gas Flow
7.00	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.8	3858.8
Co	59	17	7.0	127391.0
In	115	17	7.8	392985.4

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, March 31, 2011 09:52:29
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.187
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	106526.7	106526.702	2157.641	2.0
	Rh	102.9	901116.8	901116.815	2501.868	0.3
	In	114.9	1029958.2	1029958.167	7163.790	0.7
	Pb	208.0	578416.9	578416.886	848.185	0.1
	U	238.1	1112079.5	1112079.549	11820.680	1.1
⌈>	Ba	137.9	930468.2	930468.190	1939.875	0.2
⌊	Ba++	69.0	26362.1	0.028	0.000	1.1
⌈>	Ce	139.9	1143055.9	1143055.882	4701.452	0.4
⌊	CeO	155.9	30311.4	0.027	0.000	1.6
	Bkgd	220.0	12.2	12.200	1.023	8.4

Current Optimization File Data

Current Value	Description
0.88	Nebulizer Gas Flow
7.00	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.8	3858.8
Co	59	17	7.0	127391.0
In	115	17	7.8	392985.4

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	12.127	2776	2017	0.821	
Mg	23.985	24.029	5669	2013	0.840	
Rh	102.905	102.929	24851	2009	0.767	
Ce	139.905	139.929	33844	2005	0.763	
Pb	207.977	208.029	50407	1997	0.764	
U	238.050	238.026	57712	2008	0.697	

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	11.976	2770	2018	0.824	
Mg	23.985	23.929	5655	2014	0.830	
Rh	102.905	102.929	24856	2009	0.755	
Ce	139.905	139.929	33849	2005	0.762	
Pb	207.977	207.978	50407	1998	0.760	
U	238.050	238.075	57717	2008	0.708	

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, March 31, 2011 10:26:58
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.188
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	114215.1	114215.096	1481.365	1.3
	Rh	102.9	882284.1	882284.100	2848.777	0.3
	In	114.9	1032651.5	1032651.520	8378.339	0.8
	Pb	208.0	550558.6	550558.563	4176.322	0.8
	U	238.1	1088997.6	1088997.600	7826.902	0.7
⎡>	Ba	137.9	912072.5	912072.454	3843.189	0.4
⎣	Ba++	69.0	25404.4	0.028	0.000	0.4
⎡>	Ce	139.9	1113995.7	1113995.653	5108.628	0.5
⎣	CeO	155.9	29116.3	0.026	0.000	0.8
	Bkgd	220.0	13.2	13.167	1.882	14.3

Current Optimization File Data

Current Value	Description
0.88	Nebulizer Gas Flow
7.00	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.3	8824.9
Co	59	17	6.8	489747.9
In	115	17	7.5	1069886.8

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 10:34:41
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Blank.020
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	168645.46		
	Be	9		mg/L	14.00		
	B	11		mg/L	1495.81		
	Na	23		mg/L	59573.49		
	Mg	24		mg/L	1837.87		
	Al	27		mg/L	9721.39		
	Si	28		mg/L	146323.46		
	K	39		mg/L	2183918.80		
	Ca	44		mg/L	85096.40		
>	Sc	45		mg/L	1268404.39		
	Ti	47		mg/L	1726.85		
	V	51		mg/L	-77986.12		
	Cr	52		mg/L	45781.22		
	Mn	55		mg/L	2475.70		
	Fe	57		mg/L	30875.01		
	Ni	58		mg/L	14967.19		
	Co	59		mg/L	193.34		
	Ni	60		mg/L	164.34		
	Ni	62		mg/L	361.01		
	Cu	63		mg/L	973.06		
	Cu	65		mg/L	532.69		
	Zn	66		mg/L	1310.11		
	Zn	68		mg/L	1914.89		
	Ga	69		mg/L	4979.41		
>	Ge	72		mg/L	786141.97		
	As	75		mg/L	217.09		
	Se	77		mg/L	12693.32		
	Se	82		mg/L	52.77		
	Sr	88		mg/L	1002.40		
>	Y	89		mg/L	3495845.15		
	Mo	95		mg/L	1514.47		
	Mo	98		mg/L	2425.63		
>	Rh	103		mg/L	2952069.65		
	Ag	107		mg/L	402.68		
	Ag	109		mg/L	335.34		
	Cd	111		mg/L	74.00		
	Cd	114		mg/L	206.47		
>	In	115		mg/L	3463738.64		
	Sn	118		mg/L	1206.09		
	Sn	120		mg/L	1793.32		
	Sb	121		mg/L	11538.43		
	Sb	123		mg/L	9020.22		
	Ba	135		mg/L	200.34		

	Ba	137	mg/L	276.89
>	Tb	159	mg/L	4270606.03
>	Ho	165	mg/L	4037899.15
	Hg	202	mg/L	149.34
	Tl	203	mg/L	3468.71
	Tl	205	mg/L	8499.82
	Pb	208	mg/L	1004.03
	Bi	209	mg/L	798.71
	Th	232	mg/L	13280.63
	U	238	mg/L	175.34

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 10:39:46
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Standard 1.021
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	175790.18	175790.179	5.578
	Be	9		mg/L	123.34	0.001	14.872
	B	11		mg/L	1794.53	0.001	40.483
	Na	23		mg/L	356184.97	0.238	6.504
	Mg	24		mg/L	5173.19	0.003	11.418
	Al	27		mg/L	17684.95	0.007	102.252
	Si	28		mg/L	330174.06	0.151	30.354
	K	39		mg/L	2784609.59	0.515	47.750
	Ca	44		mg/L	103799.70	0.016	49.454
>	Sc	45		mg/L	1253403.51	1253403.511	9.618
	Ti	47		mg/L	2173.95	0.000	14.124
	V	51		mg/L	-52806.73	0.019	116.600
	Cr	52		mg/L	52016.32	0.006	110.918
	Mn	55		mg/L	11277.77	0.007	9.160
	Fe	57		mg/L	29883.45	-0.001	93.060
	Ni	58		mg/L	19273.32	0.006	47.777
	Co	59		mg/L	7896.18	0.010	5.326
	Ni	60		mg/L	2118.60	0.003	8.875
	Ni	62		mg/L	638.03	0.000	3.374
	Cu	63		mg/L	8886.10	0.010	5.139
	Cu	65		mg/L	4293.73	0.005	15.882
	Zn	66		mg/L	4310.73	0.004	16.107
	Zn	68		mg/L	3900.88	0.003	10.449
	Ga	69		mg/L	11861.53	0.009	2.988
>	Ge	72		mg/L	781420.03	781420.026	5.189
	As	75		mg/L	779.99	0.001	226.180
	Se	77		mg/L	13106.92	0.001	229.610
	Se	82		mg/L	141.82	0.000	22.290
	Sr	88		mg/L	16294.14	0.004	3.752
>	Y	89		mg/L	3462256.98	3462256.977	5.062
	Mo	95		mg/L	3115.90	0.000	18.291
	Mo	98		mg/L	4831.73	0.001	26.612
>	Rh	103		mg/L	3019428.78	3019428.780	1.066
	Ag	107		mg/L	6368.30	0.002	8.095
	Ag	109		mg/L	5934.67	0.002	6.736
	Cd	111		mg/L	1610.83	0.001	1.692
	Cd	114		mg/L	3626.17	0.001	4.465
>	In	115		mg/L	3473163.96	3473163.958	6.242
	Sn	118		mg/L	5406.33	0.001	9.114
	Sn	120		mg/L	7547.97	0.002	13.949
	Sb	121		mg/L	13641.71	0.001	50.850
	Sb	123		mg/L	10286.87	0.000	50.024
	Ba	135		mg/L	1662.17	0.000	8.418

	Ba	137	mg/L	2884.80	0.001	1.124
>	Tb	159	mg/L	4208595.31	4208595.309	2.625
>	Ho	165	mg/L	4014420.72	4014420.722	2.922
	Hg	202	mg/L	74.67	-0.000	6.674
	Tl	203	mg/L	6511.07	0.001	13.346
	Tl	205	mg/L	16031.67	0.002	21.347
	Pb	208	mg/L	20446.93	0.005	2.546
	Bi	209	mg/L	14603.87	0.003	0.895
	Th	232	mg/L	18654.99	0.001	17.528
	U	238	mg/L	19024.12	0.005	8.767

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 10:44:53
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Standard 2.022
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	174664.75	174664.747	3.981
	Be	9	0.001000	mg/L	265.67	0.001	4.355
	B	11	0.001000	mg/L	1899.22	0.002	12.846
	Na	23	0.100000	mg/L	658940.07	0.455	8.847
	Mg	24	0.001000	mg/L	8808.03	0.005	9.565
	Al	27	0.001000	mg/L	21213.33	0.009	35.764
	Si	28	0.001000	mg/L	312993.40	0.123	7.106
	K	39	0.100000	mg/L	3275690.80	0.773	12.956
	Ca	44	0.100000	mg/L	126189.44	0.029	7.548
>	Sc	45		mg/L	1312820.13	1312820.134	3.258
	Ti	47	0.001000	mg/L	2593.06	0.001	29.579
	V	51	0.001000	mg/L	-33109.60	0.037	55.499
	Cr	52	0.001000	mg/L	57447.53	0.008	11.961
	Mn	55	0.001000	mg/L	19916.68	0.013	3.992
	Fe	57	0.001000	mg/L	32229.71	0.000	485.343
	Ni	58	0.001000	mg/L	25418.97	0.014	39.423
	Co	59	0.001000	mg/L	15866.39	0.020	15.337
	Ni	60	0.001000	mg/L	4196.68	0.005	6.167
	Ni	62	0.001000	mg/L	956.39	0.001	8.008
	Cu	63	0.001000	mg/L	12322.82	0.015	6.043
	Cu	65	0.001000	mg/L	6093.44	0.007	12.136
	Zn	66	0.001000	mg/L	9477.71	0.011	14.388
	Zn	68	0.001000	mg/L	7440.79	0.007	12.389
	Ga	69	0.001000	mg/L	18927.55	0.018	6.510
>	Ge	72		mg/L	771067.71	771067.711	7.826
	As	75	0.001000	mg/L	1353.86	0.001	124.054
	Se	77	0.001000	mg/L	13612.32	0.002	95.847
	Se	82	0.001000	mg/L	217.53	0.000	27.591
	Sr	88	0.001000	mg/L	31618.23	0.009	7.701
>	Y	89		mg/L	3379562.77	3379562.773	7.439
	Mo	95	0.001000	mg/L	5100.15	0.001	5.171
	Mo	98	0.001000	mg/L	8385.34	0.002	14.232
>	Rh	103		mg/L	3064471.00	3064470.998	5.753
	Ag	107	0.001000	mg/L	12018.40	0.004	7.689
	Ag	109	0.001000	mg/L	11414.95	0.004	9.421
	Cd	111	0.001000	mg/L	3072.55	0.001	12.666
	Cd	114	0.001000	mg/L	7597.88	0.002	5.797
>	In	115		mg/L	3625354.72	3625354.724	3.486
	Sn	118	0.001000	mg/L	9893.82	0.002	2.717
	Sn	120	0.001000	mg/L	13397.14	0.003	5.542
	Sb	121	0.001000	mg/L	17049.17	0.001	28.345
	Sb	123	0.001000	mg/L	13135.33	0.001	32.692
	Ba	135	0.001000	mg/L	3190.59	0.001	11.208

	Ba	137	0.001000	mg/L	5339.59	0.001	11.992
>	Tb	159		mg/L	4114262.41	4114262.415	4.656
>	Ho	165		mg/L	4022631.17	4022631.173	1.065
	Hg	202	0.000020	mg/L	58.33	-0.000	8.586
	Tl	203	0.001000	mg/L	11499.39	0.002	6.655
	Tl	205	0.001000	mg/L	27490.12	0.005	1.439
	Pb	208	0.001000	mg/L	37989.55	0.009	3.471
	Bi	209	0.001000	mg/L	29885.70	0.007	3.812
	Th	232	0.001000	mg/L	33112.03	0.005	12.163
	U	238	0.001000	mg/L	36436.27	0.009	1.527

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 10:49:59
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Standard 3.023
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	174633.15	174633.153	5.589
	Be	9	0.004993	mg/L	1163.42	0.007	5.420
	B	11	0.005008	mg/L	3243.61	0.010	2.438
	Na	23	0.499982	mg/L	2948985.87	2.184	7.196
	Mg	24	0.004971	mg/L	21603.89	0.015	2.424
	Al	27	0.004994	mg/L	38010.22	0.021	13.812
	Si	28	0.002702	mg/L	330786.49	0.137	27.623
	K	39	0.500973	mg/L	7447887.47	3.928	9.184
	Ca	44	0.499699	mg/L	249183.27	0.122	5.172
>	Sc	45		mg/L	1321767.42	1321767.424	6.471
	Ti	47	0.005006	mg/L	5876.96	0.003	5.656
	V	51	0.004857	mg/L	-13949.85	0.052	68.554
	Cr	52	0.005015	mg/L	100467.00	0.040	27.318
	Mn	55	0.005002	mg/L	90632.05	0.067	5.205
	Fe	57	0.004964	mg/L	35772.55	0.003	19.994
	Ni	58	0.004982	mg/L	55194.98	0.054	4.510
	Co	59	0.004996	mg/L	71975.99	0.095	1.534
	Ni	60	0.004990	mg/L	16327.51	0.021	3.372
	Ni	62	0.004991	mg/L	2887.15	0.003	1.394
	Cu	63	0.005001	mg/L	41386.01	0.054	8.648
	Cu	65	0.004997	mg/L	19394.63	0.025	10.966
	Zn	66	0.004824	mg/L	12630.90	0.015	3.746
	Zn	68	0.004822	mg/L	9557.46	0.010	3.379
	Ga	69	0.004998	mg/L	71856.04	0.089	7.347
>	Ge	72		mg/L	754385.51	754385.510	1.973
	As	75	0.005015	mg/L	10606.89	0.014	8.662
	Se	77	0.004945	mg/L	15003.20	0.004	28.429
	Se	82	0.005005	mg/L	1027.59	0.000	9.253
	Sr	88	0.004996	mg/L	141165.47	0.041	3.214
>	Y	89		mg/L	3391743.87	3391743.869	4.075
	Mo	95	0.005002	mg/L	22635.09	0.006	9.245
	Mo	98	0.004999	mg/L	36907.33	0.010	12.022
>	Rh	103		mg/L	2981540.89	2981540.894	3.155
	Ag	107	0.005002	mg/L	58430.59	0.019	3.984
	Ag	109	0.005002	mg/L	56183.05	0.019	4.566
	Cd	111	0.005002	mg/L	15185.18	0.005	9.121
	Cd	114	0.004997	mg/L	35203.82	0.012	11.097
>	In	115		mg/L	3532228.27	3532228.272	3.278
	Sn	118	0.005000	mg/L	42412.85	0.012	5.851
	Sn	120	0.005001	mg/L	57705.79	0.016	7.112
	Sb	121	0.005008	mg/L	47114.08	0.010	8.919
	Sb	123	0.005006	mg/L	36884.94	0.008	9.130
	Ba	135	0.004994	mg/L	13934.81	0.003	1.464

	Ba	137	0.004996	mg/L	23787.45	0.006	6.014
>	Tb	159		mg/L	4214973.18	4214973.181	2.466
>	Ho	165		mg/L	4112760.85	4112760.847	4.413
	Hg	202	0.000495	mg/L	53.00	-0.000	1.942
	Tl	203	0.004999	mg/L	50786.31	0.012	5.616
	Tl	205	0.005000	mg/L	121238.68	0.027	11.525
	Pb	208	0.004998	mg/L	171918.69	0.042	2.705
	Bi	209	0.004997	mg/L	143161.93	0.035	3.525
	Th	232	0.005001	mg/L	155985.05	0.035	8.119
	U	238	0.004999	mg/L	174739.20	0.043	10.614

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 10:55:05
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Standard 4.024
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	177395.85	177395.850	1.740
	Be	9	0.010047	mg/L	2418.68	0.014	8.612
	B	11	0.009764	mg/L	4530.18	0.017	9.429
	Na	23	1.004112	mg/L	5694371.46	4.462	3.180
	Mg	24	0.010182	mg/L	41400.13	0.031	11.067
	Al	27	0.010450	mg/L	72608.53	0.050	20.732
	Si	28	0.011956	mg/L	354114.55	0.165	10.357
	K	39	1.008311	mg/L	12547614.43	8.202	4.309
	Ca	44	1.010873	mg/L	408061.83	0.256	4.687
>	Sc	45		mg/L	1263841.86	1263841.858	3.518
	Ti	47	0.010183	mg/L	10477.14	0.007	8.398
	V	51	0.010566	mg/L	69247.69	0.117	44.783
	Cr	52	0.010258	mg/L	165595.43	0.095	11.967
	Mn	55	0.010039	mg/L	174957.67	0.136	6.429
	Fe	57	0.009563	mg/L	36654.20	0.005	6.095
	Ni	58	0.010092	mg/L	98099.56	0.113	12.159
	Co	59	0.010252	mg/L	167433.93	0.226	14.251
	Ni	60	0.010190	mg/L	35715.49	0.048	7.379
	Ni	62	0.010079	mg/L	5565.76	0.007	1.755
	Cu	63	0.010061	mg/L	79883.51	0.106	7.768
	Cu	65	0.010184	mg/L	40229.77	0.053	4.422
	Zn	66	0.010466	mg/L	26118.11	0.034	7.503
	Zn	68	0.010525	mg/L	19535.91	0.024	11.068
	Ga	69	0.010143	mg/L	149637.78	0.195	8.725
>	Ge	72		mg/L	743331.00	743331.001	2.865
	As	75	0.010010	mg/L	21701.32	0.029	5.489
	Se	77	0.009995	mg/L	17139.66	0.007	3.738
	Se	82	0.010136	mg/L	2151.89	0.001	7.437
	Sr	88	0.010138	mg/L	296468.15	0.090	9.401
>	Y	89		mg/L	3296514.93	3296514.935	4.261
	Mo	95	0.010073	mg/L	45385.22	0.013	4.616
	Mo	98	0.010034	mg/L	72285.46	0.021	3.622
>	Rh	103		mg/L	2936272.20	2936272.203	6.865
	Ag	107	0.010117	mg/L	123783.09	0.042	4.038
	Ag	109	0.010056	mg/L	114254.99	0.039	8.915
	Cd	111	0.010000	mg/L	29738.00	0.010	13.862
	Cd	114	0.010008	mg/L	69348.77	0.024	10.184
>	In	115		mg/L	3399824.40	3399824.404	3.173
	Sn	118	0.010162	mg/L	89556.48	0.026	3.092
	Sn	120	0.010170	mg/L	122363.95	0.035	0.473
	Sb	121	0.010372	mg/L	103679.11	0.027	5.996
	Sb	123	0.010322	mg/L	78614.38	0.021	10.463
	Ba	135	0.010144	mg/L	28762.77	0.007	8.368

	Ba	137	0.010179	mg/L	50327.49	0.012	11.789
>	Tb	159		mg/L	4023555.35	4023555.354	4.414
>	Ho	165		mg/L	3909628.35	3909628.351	1.825
	Hg	202	0.000831	mg/L	50.33	-0.000	12.610
	Tl	203	0.010135	mg/L	103617.05	0.026	7.524
	Tl	205	0.010166	mg/L	252876.47	0.063	7.125
	Pb	208	0.010106	mg/L	345726.18	0.088	2.456
	Bi	209	0.010074	mg/L	284087.93	0.072	3.361
	Th	232	0.010250	mg/L	348491.39	0.086	7.890
	U	238	0.010154	mg/L	366523.89	0.094	5.604

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:00:13
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Standard 5.025
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	171302.84	171302.835	2.353
	Be	9	0.099985	mg/L	22650.28	0.132	8.342
	B	11	0.100051	mg/L	32163.21	0.179	4.156
	Na	23	9.995834	mg/L	52907406.69	41.649	1.421
	Mg	24	0.099955	mg/L	352154.71	0.276	7.061
	Al	27	0.099964	mg/L	551497.09	0.428	7.409
	Si	28	0.099855	mg/L	590903.80	0.353	21.251
	K	39	9.995005	mg/L	97313724.55	75.372	14.747
	Ca	44	9.991830	mg/L	2891755.96	2.220	10.207
>	Sc	45		mg/L	1269698.05	1269698.053	7.382
	Ti	47	0.099967	mg/L	84878.69	0.066	5.709
	V	51	0.099964	mg/L	1081535.41	0.915	6.255
	Cr	52	0.099880	mg/L	1043686.60	0.792	15.810
	Mn	55	0.099953	mg/L	1600726.42	1.266	13.914
	Fe	57	0.099745	mg/L	78358.87	0.038	10.330
	Ni	58	0.099939	mg/L	757344.23	1.016	13.153
	Co	59	0.099899	mg/L	1417710.04	1.933	10.597
	Ni	60	0.099935	mg/L	315053.15	0.428	1.763
	Ni	62	0.099945	mg/L	47456.47	0.064	2.528
	Cu	63	0.099988	mg/L	732021.16	0.995	5.207
	Cu	65	0.099970	mg/L	357487.14	0.487	9.119
	Zn	66	0.099992	mg/L	206499.46	0.280	11.894
	Zn	68	0.099976	mg/L	146389.96	0.197	8.345
	Ga	69	0.099943	mg/L	1318701.61	1.786	3.704
>	Ge	72		mg/L	736742.86	736742.859	7.561
	As	75	0.099999	mg/L	220331.28	0.299	3.257
	Se	77	0.098696	mg/L	27986.63	0.022	14.063
	Se	82	0.099992	mg/L	20912.91	0.006	10.219
	Sr	88	0.099942	mg/L	2688041.85	0.817	3.085
>	Y	89		mg/L	3289337.23	3289337.226	3.524
	Mo	95	0.099976	mg/L	429262.80	0.130	2.325
	Mo	98	0.099996	mg/L	705785.63	0.214	5.122
>	Rh	103		mg/L	2977590.60	2977590.604	4.492
	Ag	107	0.099931	mg/L	1127688.25	0.379	8.266
	Ag	109	0.099950	mg/L	1072491.55	0.361	11.959
	Cd	111	0.099950	mg/L	279911.61	0.094	10.933
	Cd	114	0.099957	mg/L	658652.89	0.221	4.875
>	In	115		mg/L	3435143.95	3435143.951	4.792
	Sn	118	0.099953	mg/L	829248.07	0.241	2.396
	Sn	120	0.099945	mg/L	1118095.38	0.326	6.970
	Sb	121	0.099939	mg/L	874680.69	0.252	12.210
	Sb	123	0.099958	mg/L	684314.79	0.197	10.241
	Ba	135	0.099963	mg/L	270663.04	0.067	9.021

	Ba	137	0.099955	mg/L	468614.95	0.115	9.416
>	Tb	159		mg/L	4069302.91	4069302.908	5.423
>	Ho	165		mg/L	4005448.52	4005448.518	1.024
	Hg	202	0.010311	mg/L	105.67	-0.000	29.631
	Tl	203	0.099956	mg/L	976482.11	0.243	3.720
	Tl	205	0.099950	mg/L	2362244.69	0.588	0.307
	Pb	208	0.099936	mg/L	3174482.07	0.792	1.463
	Bi	209	0.099962	mg/L	2730145.29	0.682	3.982
	Th	232	0.099975	mg/L	3400137.62	0.846	3.684
	U	238	0.099944	mg/L	3427941.99	0.856	1.618

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:05:19
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-ICV1.026
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	178612.07	178612.071	2.563
	Be	9	0.039676	mg/L	9388.29	0.052	5.250
	B	11	0.038887	mg/L	14021.31	0.070	4.972
	Na	23	0.376586	mg/L	2206765.97	1.681	2.504
	Mg	24	0.386067	mg/L	1356260.73	1.061	4.591
	Al	27	0.189263	mg/L	1039814.58	0.807	5.353
	Si	28	-0.022792	mg/L	255760.53	0.085	1.770
	K	39	0.419720	mg/L	6531613.56	3.399	11.581
	Ca	44	0.401576	mg/L	216670.20	0.103	6.230
>	Sc	45		mg/L	1276637.87	1276637.869	2.808
	Ti	47	0.039080	mg/L	34503.42	0.026	7.838
	V	51	0.038925	mg/L	392119.45	0.368	13.696
	Cr	52	0.041500	mg/L	468744.47	0.332	8.197
	Mn	55	0.041439	mg/L	674548.23	0.527	7.374
	Fe	57	0.153706	mg/L	104791.17	0.058	5.291
	Ni	58	0.040236	mg/L	330460.47	0.412	16.742
	Co	59	0.038641	mg/L	578043.10	0.753	12.974
	Ni	60	0.039250	mg/L	130358.65	0.169	4.228
	Ni	62	0.041606	mg/L	21041.37	0.027	6.074
	Cu	63	0.040557	mg/L	314581.31	0.407	2.797
	Cu	65	0.038481	mg/L	145894.24	0.189	8.191
	Zn	66	0.035720	mg/L	80280.08	0.103	14.702
	Zn	68	0.036635	mg/L	58797.04	0.074	10.779
	Ga	69	0.039536	mg/L	551190.27	0.709	4.972
>	Ge	72		mg/L	771530.15	771530.149	5.556
	As	75	0.039054	mg/L	89765.10	0.116	2.598
	Se	77	0.035690	mg/L	19701.19	0.009	18.053
	Se	82	0.037533	mg/L	8248.28	0.002	15.907
	Sr	88	0.040542	mg/L	1153372.75	0.333	7.818
>	Y	89		mg/L	3473020.04	3473020.039	7.558
	Mo	95	0.041175	mg/L	186853.45	0.053	4.704
	Mo	98	0.039640	mg/L	294757.57	0.085	10.996
>	Rh	103		mg/L	2942958.74	2942958.737	4.528
	Ag	107	0.022523	mg/L	254450.97	0.086	3.948
	Ag	109	0.022613	mg/L	242208.48	0.082	9.995
	Cd	111	0.042781	mg/L	118971.46	0.041	10.540
	Cd	114	0.041190	mg/L	269343.92	0.092	5.875
>	In	115		mg/L	3396315.80	3396315.800	4.375
	Sn	118	0.040207	mg/L	331185.87	0.097	3.127
	Sn	120	0.042015	mg/L	466831.84	0.137	7.984
	Sb	121	0.051689	mg/L	452120.06	0.130	9.425
	Sb	123	0.050656	mg/L	346317.16	0.100	7.934
	Ba	135	0.038658	mg/L	109370.92	0.026	9.750

	Ba	137	0.038022	mg/L	186332.27	0.044	8.852
>	Tb	159		mg/L	4234490.61	4234490.613	4.700
>	Ho	165		mg/L	4071387.42	4071387.419	2.576
	Hg	202	0.017684	mg/L	142.34	-0.000	69.302
	Tl	203	0.039551	mg/L	394329.82	0.096	8.757
	Tl	205	0.039879	mg/L	961970.86	0.234	5.190
	Pb	208	0.041122	mg/L	1335651.35	0.328	2.136
	Bi	209	0.039197	mg/L	1091101.23	0.268	6.441
	Th	232	0.038809	mg/L	1340181.74	0.326	8.095
	U	238	0.038508	mg/L	1346436.77	0.331	7.560

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:10:23
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-ICB1.027
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	178698.73	178698.729	1.857
	Be	9	-0.000089	mg/L	11.67	-0.000	44.872
	B	11	-0.001139	mg/L	1234.76	-0.002	61.730
	Na	23	-0.028670	mg/L	55334.16	-0.003	71.085
	Mg	24	-0.000837	mg/L	1729.18	-0.000	240.252
	Al	27	-0.001113	mg/L	8745.30	-0.001	61.723
	Si	28	-0.063024	mg/L	140384.33	-0.003	559.387
	K	39	-0.023946	mg/L	2237957.72	0.065	53.530
	Ca	44	-0.070100	mg/L	82208.92	-0.001	235.268
>	Sc	45		mg/L	1253264.96	1253264.961	3.643
	Ti	47	-0.000148	mg/L	1645.17	-0.000	251.164
	V	51	-0.001322	mg/L	-68402.97	0.007	330.998
	Cr	52	-0.000383	mg/L	47063.75	0.002	163.230
	Mn	55	-0.000290	mg/L	2282.98	-0.000	94.543
	Fe	57	0.003198	mg/L	32264.23	0.001	23.890
	Ni	58	-0.000339	mg/L	15913.43	0.002	121.899
	Co	59	-0.000405	mg/L	165.67	-0.000	42.924
	Ni	60	-0.000376	mg/L	167.00	0.000	44.372
	Ni	62	-0.000370	mg/L	362.68	0.000	458.706
	Cu	63	-0.000546	mg/L	903.72	-0.000	13.438
	Cu	65	-0.000551	mg/L	501.35	-0.000	157.856
	Zn	66	-0.001636	mg/L	1209.43	-0.000	68.106
	Zn	68	-0.001755	mg/L	1546.15	-0.000	58.208
	Ga	69	-0.000299	mg/L	3867.53	-0.001	26.032
>	Ge	72		mg/L	775503.11	775503.106	4.023
	As	75	0.000306	mg/L	26.29	-0.000	621.960
	Se	77	-0.003303	mg/L	13816.30	0.002	42.364
	Se	82	0.000410	mg/L	101.05	0.000	64.297
	Sr	88	-0.000299	mg/L	906.72	-0.000	117.629
>	Y	89		mg/L	3461500.69	3461500.692	3.734
	Mo	95	0.000236	mg/L	2238.97	0.000	28.715
	Mo	98	0.000298	mg/L	3372.49	0.000	45.481
>	Rh	103		mg/L	2974639.02	2974639.024	5.449
	Ag	107	-0.000269	mg/L	798.38	0.000	65.486
	Ag	109	-0.000206	mg/L	712.37	0.000	70.847
	Cd	111	-0.000310	mg/L	77.67	0.000	248.553
	Cd	114	-0.000272	mg/L	215.65	0.000	360.637
>	In	115		mg/L	3461083.96	3461083.958	1.811
	Sn	118	-0.000078	mg/L	1750.19	0.000	40.216
	Sn	120	-0.000113	mg/L	2520.86	0.000	35.789
	Sb	121	0.001580	mg/L	23036.42	0.003	6.397
	Sb	123	0.001677	mg/L	17942.05	0.003	6.573
	Ba	135	-0.000168	mg/L	195.34	-0.000	427.568

	Ba	137	-0.000183	mg/L	276.63	0.000	1433.790
>	Tb	159		mg/L	4246691.05	4246691.049	5.363
>	Ho	165		mg/L	4117636.06	4117636.060	4.690
	Hg	202	0.013529	mg/L	123.67	-0.000	36.765
	Tl	203	-0.000240	mg/L	831.38	-0.001	5.878
	Tl	205	-0.000250	mg/L	1977.24	-0.002	4.044
	Pb	208	-0.000415	mg/L	903.36	-0.000	47.509
	Bi	209	-0.000141	mg/L	2243.98	0.000	34.112
	Th	232	0.000808	mg/L	27915.66	0.004	32.032
	U	238	-0.000249	mg/L	304.01	0.000	34.183

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:15:28
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-LCV1.028
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	179827.56	179827.565	6.556
	Be	9	0.000961	mg/L	261.01	0.001	6.333
	B	11	0.000174	mg/L	1660.50	0.000	268.853
	Na	23	0.078782	mg/L	623380.28	0.444	2.864
	Mg	24	0.001141	mg/L	8600.49	0.005	12.211
	Al	27	0.001280	mg/L	21417.05	0.009	67.239
	Si	28	0.001704	mg/L	319570.58	0.139	31.998
	K	39	0.090968	mg/L	3347939.44	0.928	28.639
	Ca	44	0.082981	mg/L	125844.73	0.032	21.755
>	Sc	45		mg/L	1269575.12	1269575.118	7.706
	Ti	47	0.000843	mg/L	2482.70	0.001	27.387
	V	51	0.001211	mg/L	-41731.41	0.030	101.147
	Cr	52	0.001019	mg/L	61277.13	0.013	60.464
	Mn	55	0.000841	mg/L	20423.52	0.014	4.242
	Fe	57	0.002116	mg/L	32155.32	0.001	65.923
	Ni	58	0.000844	mg/L	25011.61	0.013	12.581
	Co	59	0.000656	mg/L	15920.46	0.020	2.986
	Ni	60	0.000854	mg/L	4210.36	0.005	6.285
	Ni	62	0.000862	mg/L	965.39	0.001	1.970
	Cu	63	0.000987	mg/L	12540.79	0.015	11.330
	Cu	65	0.000881	mg/L	5826.26	0.007	10.446
	Zn	66	0.002267	mg/L	9476.03	0.011	8.218
	Zn	68	0.002177	mg/L	7420.11	0.007	3.514
	Ga	69	0.000796	mg/L	18908.90	0.018	3.406
>	Ge	72		mg/L	770300.95	770300.954	4.747
	As	75	0.000896	mg/L	1348.35	0.001	27.147
	Se	77	0.003576	mg/L	14759.46	0.003	45.483
	Se	82	0.001128	mg/L	255.86	0.000	14.508
	Sr	88	0.000844	mg/L	32900.47	0.009	6.023
>	Y	89		mg/L	3427933.53	3427933.525	4.181
	Mo	95	0.000957	mg/L	5418.00	0.001	12.972
	Mo	98	0.001038	mg/L	8765.42	0.002	16.374
>	Rh	103		mg/L	2942149.37	2942149.373	2.832
	Ag	107	0.000770	mg/L	12376.57	0.004	4.977
	Ag	109	0.000829	mg/L	11685.29	0.004	2.938
	Cd	111	0.000807	mg/L	3164.25	0.001	6.036
	Cd	114	0.000816	mg/L	7275.31	0.002	7.936
>	In	115		mg/L	3421877.42	3421877.421	2.783
	Sn	118	0.000919	mg/L	9941.20	0.003	5.200
	Sn	120	0.000892	mg/L	13661.13	0.003	7.705
	Sb	121	0.001548	mg/L	22476.98	0.003	6.521
	Sb	123	0.001637	mg/L	17472.93	0.003	5.991
	Ba	135	0.000867	mg/L	2983.85	0.001	2.091

	Ba	137	0.000917	mg/L	5411.17	0.001	3.618
>	Tb	159		mg/L	4057931.35	4057931.350	2.299
>	Ho	165		mg/L	3969090.30	3969090.301	6.096
	Hg	202	-0.000353	mg/L	55.00	-0.000	11.829
	Tl	203	0.000810	mg/L	10907.65	0.002	11.176
	Tl	205	0.000781	mg/L	25861.72	0.004	15.792
	Pb	208	0.000739	mg/L	36965.31	0.009	5.877
	Bi	209	0.000846	mg/L	28783.82	0.007	4.065
	Th	232	0.001141	mg/L	38078.01	0.006	12.318
	U	238	0.000836	mg/L	36893.62	0.009	12.267

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:20:35
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-LCV2.029
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	176084.06	176084.059	0.524
	Be	9	0.005137	mg/L	1225.76	0.007	7.499
	B	11	0.004724	mg/L	3063.55	0.009	25.753
	Na	23	0.498560	mg/L	2880882.37	2.188	3.437
	Mg	24	0.004588	mg/L	20945.42	0.015	8.608
	Al	27	0.004296	mg/L	38607.26	0.022	9.078
	Si	28	0.006380	mg/L	340153.12	0.149	12.624
	K	39	0.503397	mg/L	7405293.83	4.028	9.069
	Ca	44	0.518794	mg/L	252179.56	0.129	6.880
>	Sc	45		mg/L	1288657.78	1288657.779	2.184
	Ti	47	0.004692	mg/L	5777.90	0.003	10.023
	V	51	0.002221	mg/L	-28565.80	0.039	146.089
	Cr	52	0.005066	mg/L	103714.39	0.044	9.749
	Mn	55	0.005295	mg/L	93240.29	0.070	7.761
	Fe	57	0.007879	mg/L	35420.62	0.003	28.507
	Ni	58	0.004531	mg/L	53720.24	0.051	13.964
	Co	59	0.004500	mg/L	72878.77	0.095	12.393
	Ni	60	0.004744	mg/L	16996.71	0.022	2.930
	Ni	62	0.005039	mg/L	3022.87	0.003	2.218
	Cu	63	0.004892	mg/L	42466.71	0.054	6.728
	Cu	65	0.004634	mg/L	19865.23	0.025	1.263
	Zn	66	0.003899	mg/L	12960.70	0.015	7.746
	Zn	68	0.003679	mg/L	9658.23	0.010	10.796
	Ga	69	0.004878	mg/L	74967.71	0.091	6.236
>	Ge	72		mg/L	771366.05	771366.053	3.617
	As	75	0.004913	mg/L	10698.18	0.014	11.376
	Se	77	0.015970	mg/L	16704.50	0.006	13.821
	Se	82	0.004955	mg/L	1085.19	0.000	8.892
	Sr	88	0.004822	mg/L	143195.33	0.042	7.234
>	Y	89		mg/L	3415962.51	3415962.508	5.419
	Mo	95	0.005157	mg/L	24111.32	0.007	3.344
	Mo	98	0.004899	mg/L	37013.98	0.010	2.225
>	Rh	103		mg/L	2868166.82	2868166.824	6.104
	Ag	107	0.005082	mg/L	58848.07	0.020	1.511
	Ag	109	0.005206	mg/L	56480.90	0.020	8.603
	Cd	111	0.005131	mg/L	14686.02	0.005	10.795
	Cd	114	0.005060	mg/L	33891.34	0.012	7.851
>	In	115		mg/L	3403236.03	3403236.030	1.532
	Sn	118	0.004936	mg/L	42844.40	0.012	4.910
	Sn	120	0.004975	mg/L	58810.00	0.017	0.808
	Sb	121	0.005040	mg/L	52414.52	0.012	8.990
	Sb	123	0.005064	mg/L	40444.85	0.009	9.517
	Ba	135	0.004910	mg/L	14045.65	0.003	6.105

	Ba	137	0.004828	mg/L	23916.86	0.006	10.735
>	Tb	159		mg/L	4104099.47	4104099.468	4.288
>	Ho	165		mg/L	3916867.05	3916867.054	4.374
	Hg	202	-0.001304	mg/L	50.33	-0.000	2.694
	Tl	203	0.004809	mg/L	48757.08	0.012	9.890
	Tl	205	0.004812	mg/L	118265.33	0.028	6.902
	Pb	208	0.005101	mg/L	171400.17	0.044	1.447
	Bi	209	0.005022	mg/L	139509.16	0.035	5.864
	Th	232	0.004667	mg/L	154581.43	0.036	10.977
	U	238	0.004832	mg/L	169904.71	0.043	7.641

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:25:40
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-SCV1.030
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	200539.73	200539.731	7.323
	Be	9	0.463394	mg/L	122310.84	0.611	5.441
	B	11	0.429122	mg/L	154433.86	0.767	15.326
	Na	23	5.292604	mg/L	26754408.90	22.107	2.523
	Mg	24	5.240187	mg/L	17267146.70	14.368	7.123
	Al	27	2.652130	mg/L	13463663.78	11.256	15.831
	Si	28	0.540586	mg/L	1712607.52	1.317	16.616
	K	39	5.659542	mg/L	53370684.69	42.785	10.713
	Ca	44	5.961747	mg/L	1682191.30	1.331	4.334
>	Sc	45		mg/L	1206621.41	1206621.410	9.155
	Ti	47	0.528049	mg/L	417733.65	0.346	4.895
	V	51	0.558463	mg/L	5932415.20	5.024	15.261
	Cr	52	0.567668	mg/L	5395213.31	4.478	15.896
	Mn	55	0.566338	mg/L	8620211.28	7.159	4.337
	Fe	57	2.013004	mg/L	939223.65	0.754	1.160
	Ni	58	0.528602	mg/L	3937805.94	5.350	4.617
	Co	59	0.537271	mg/L	7609991.52	10.364	5.699
	Ni	60	0.522057	mg/L	1637088.40	2.228	9.077
	Ni	62	0.547910	mg/L	256968.36	0.350	3.112
	Cu	63	0.515352	mg/L	3743961.77	5.104	5.487
	Cu	65	0.482831	mg/L	1715698.37	2.341	11.319
	Zn	66	0.495737	mg/L	1007391.93	1.372	5.639
	Zn	68	0.515293	mg/L	738099.88	1.003	3.075
	Ga	69	0.558097	mg/L	7315690.20	9.956	6.000
>	Ge	72		mg/L	733821.94	733821.939	1.997
	As	75	0.521146	mg/L	1147724.47	1.565	4.601
	Se	77	0.511656	mg/L	88218.62	0.104	10.565
	Se	82	0.486799	mg/L	102441.95	0.031	7.241
	Sr	88	0.544477	mg/L	14720935.64	4.443	4.572
>	Y	89		mg/L	3309123.19	3309123.192	4.069
	Mo	95	0.520222	mg/L	2235662.86	0.677	9.591
	Mo	98	0.507591	mg/L	3592607.52	1.088	10.864
>	Rh	103		mg/L	2837158.53	2837158.532	2.398
	Ag	107	0.296216	mg/L	3186723.85	1.123	4.025
	Ag	109	0.292645	mg/L	2997633.87	1.056	1.735
	Cd	111	0.546931	mg/L	1459301.77	0.515	4.702
	Cd	114	0.523549	mg/L	3279539.95	1.157	9.754
>	In	115		mg/L	3250266.96	3250266.963	3.856
	Sn	118	0.539042	mg/L	4216156.23	1.299	6.682
	Sn	120	0.545153	mg/L	5751785.20	1.774	10.824
	Sb	121	0.602442	mg/L	4953858.94	1.524	8.379
	Sb	123	0.592204	mg/L	3815852.69	1.172	2.193
	Ba	135	0.504611	mg/L	1338912.07	0.336	2.331

	Ba	137	0.512819	mg/L	2355613.13	0.592	2.954
>	Tb	159		mg/L	3981723.54	3981723.536	1.086
>	Ho	165		mg/L	3826082.69	3826082.685	5.006
	Hg	202	0.045463	mg/L	257.01	0.000	11.324
	Tl	203	0.535073	mg/L	4968641.49	1.301	7.672
	Tl	205	0.545275	mg/L	12240461.46	3.207	8.813
	Pb	208	0.547945	mg/L	16550097.90	4.329	2.992
	Bi	209	0.535608	mg/L	13947274.76	3.646	1.312
	Th	232	0.546368	mg/L	17719289.43	4.637	6.179
	U	238	0.536520	mg/L	17476844.75	4.585	11.349

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:30:45
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-HCV1.031
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	221343.16	221343.164	1.611
	Be	9	0.867325	mg/L	253422.19	1.144	6.434
	B	11	0.835311	mg/L	332446.68	1.493	7.865
	Na	23	11.111540	mg/L	56211954.64	46.285	4.466
	Mg	24	10.547224	mg/L	35138017.69	28.917	6.008
	Al	27	5.200238	mg/L	26799585.27	22.067	2.957
	Si	28	1.105863	mg/L	3230822.54	2.554	8.629
	K	39	11.799294	mg/L	109571249.48	88.934	14.409
	Ca	44	11.848819	mg/L	3263732.91	2.631	10.446
>	Sc	45		mg/L	1213140.79	1213140.787	3.990
	Ti	47	1.013857	mg/L	808355.40	0.664	5.625
	V	51	1.062607	mg/L	11515962.34	9.542	4.929
	Cr	52	1.113246	mg/L	10676742.93	8.777	5.804
	Mn	55	1.121728	mg/L	17158039.52	14.175	9.009
	Fe	57	3.887876	mg/L	1796245.25	1.456	1.164
	Ni	58	1.006060	mg/L	7623382.21	10.178	17.119
	Co	59	1.018856	mg/L	14709790.08	19.646	13.794
	Ni	60	1.050498	mg/L	3369328.16	4.482	5.498
	Ni	62	1.087957	mg/L	523257.85	0.694	0.499
	Cu	63	1.054764	mg/L	7852316.25	10.441	4.800
	Cu	65	1.007027	mg/L	3655108.13	4.879	13.093
	Zn	66	0.967150	mg/L	1997210.09	2.672	19.053
	Zn	68	0.976289	mg/L	1421965.44	1.898	14.838
	Ga	69	1.079867	mg/L	14495635.63	19.260	3.599
>	Ge	72		mg/L	753548.49	753548.489	6.976
	As	75	1.047043	mg/L	2366000.44	3.145	3.677
	Se	77	1.035596	mg/L	168743.08	0.209	7.674
	Se	82	0.971711	mg/L	205912.77	0.062	11.590
	Sr	88	1.062852	mg/L	28917446.14	8.670	3.980
>	Y	89		mg/L	3338621.82	3338621.824	4.754
	Mo	95	1.076424	mg/L	4678821.07	1.401	1.145
	Mo	98	1.035888	mg/L	7404147.29	2.221	5.602
>	Rh	103		mg/L	2797637.07	2797637.067	4.473
	Ag	107	0.356409	mg/L	3771232.76	1.350	7.588
	Ag	109	0.359528	mg/L	3620196.01	1.297	9.233
	Cd	111	1.110582	mg/L	2914816.20	1.045	9.309
	Cd	114	1.080233	mg/L	6669747.67	2.387	5.418
>	In	115		mg/L	3278437.34	3278437.337	5.022
	Sn	118	1.050118	mg/L	8293564.75	2.530	3.634
	Sn	120	1.098393	mg/L	11694478.72	3.574	5.938
	Sb	121	1.231163	mg/L	10187891.77	3.115	10.570
	Sb	123	1.221278	mg/L	7905310.72	2.418	11.320
	Ba	135	1.014378	mg/L	2709313.60	0.676	7.912

	Ba	137	1.005662	mg/L	4650457.42	1.160	8.836
>	Tb	159		mg/L	4015638.14	4015638.136	2.895
>	Ho	165		mg/L	3829113.22	3829113.223	2.186
	Hg	202	0.086409	mg/L	440.35	0.000	12.564
	Tl	203	1.065054	mg/L	9923879.42	2.590	3.451
	Tl	205	1.080653	mg/L	24329199.81	6.355	4.657
	Pb	208	1.106740	mg/L	33447902.78	8.741	4.691
	Bi	209	1.060219	mg/L	27646918.04	7.217	3.325
	Th	232	1.087986	mg/L	35405665.83	9.238	4.283
	U	238	1.090268	mg/L	35667618.31	9.315	0.245

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:35:50
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-IFA1.032
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	181184.47	181184.475	6.735
	Be	9	-0.000016	mg/L	29.33	0.000	23.333
	B	11	0.009499	mg/L	4678.64	0.017	42.684
	Na	23	27.864154	mg/L	146582712.48	115.893	2.386
	Mg	24	10.774029	mg/L	37396926.38	29.539	7.362
	Al	27	10.552776	mg/L	56623306.86	44.776	2.040
	Si	28	0.002821	mg/L	323582.95	0.141	12.129
	K	39	12.339888	mg/L	119476585.32	92.998	9.578
	Ca	44	35.675782	mg/L	10046523.84	7.892	6.472
>	Sc	45		mg/L	1263933.20	1263933.200	3.288
	Ti	47	0.246893	mg/L	206346.22	0.162	4.403
	V	51	-0.001627	mg/L	-70520.35	0.005	1015.068
	Cr	52	-0.000966	mg/L	41662.41	-0.003	72.685
	Mn	55	0.000922	mg/L	21626.91	0.015	4.526
	Fe	57	20.621866	mg/L	9798378.08	7.723	3.627
	Ni	58	0.169878	mg/L	1323849.38	1.723	21.688
	Co	59	0.000134	mg/L	8083.03	0.010	16.558
	Ni	60	0.001399	mg/L	5982.04	0.008	5.245
	Ni	62	0.002430	mg/L	1732.85	0.002	7.108
	Cu	63	0.000864	mg/L	11587.86	0.014	5.695
	Cu	65	0.000568	mg/L	4620.90	0.005	19.844
	Zn	66	-0.000452	mg/L	3680.78	0.003	22.362
	Zn	68	-0.000940	mg/L	2736.11	0.001	30.594
	Ga	69	-0.000266	mg/L	4271.38	-0.001	49.460
>	Ge	72		mg/L	767180.87	767180.868	6.551
	As	75	0.000948	mg/L	1557.44	0.002	167.048
	Se	77	-0.009232	mg/L	12717.69	0.001	350.695
	Se	82	0.001837	mg/L	410.42	0.000	35.164
	Sr	88	0.000105	mg/L	12296.79	0.003	6.905
>	Y	89		mg/L	3459116.29	3459116.292	5.490
	Mo	95	0.229059	mg/L	1030435.14	0.298	5.589
	Mo	98	0.218729	mg/L	1618237.69	0.469	9.039
>	Rh	103		mg/L	2796456.43	2796456.435	5.339
	Ag	107	0.000056	mg/L	4161.06	0.001	39.434
	Ag	109	0.000102	mg/L	3749.22	0.001	45.950
	Cd	111	0.000590	mg/L	2431.68	0.001	10.078
	Cd	114	0.000418	mg/L	4457.22	0.002	8.294
>	In	115		mg/L	3303581.33	3303581.328	5.720
	Sn	118	0.000915	mg/L	9604.30	0.003	19.338
	Sn	120	0.000905	mg/L	13365.64	0.004	20.564
	Sb	121	0.018279	mg/L	161455.84	0.046	20.165
	Sb	123	0.018062	mg/L	124309.38	0.035	19.565
	Ba	135	-0.000015	mg/L	616.36	0.000	7.963

	Ba	137	-0.000017	mg/L	1066.51	0.000	13.942
>	Tb	159		mg/L	4163537.81	4163537.806	4.049
>	Ho	165		mg/L	4003653.25	4003653.254	2.374
	Hg	202	0.002419	mg/L	68.67	-0.000	15.703
	Tl	203	0.000242	mg/L	5518.47	0.001	65.314
	Tl	205	0.000232	mg/L	13290.89	0.001	65.090
	Pb	208	-0.000273	mg/L	5376.35	0.001	15.830
	Bi	209	0.000411	mg/L	17247.95	0.004	41.735
	Th	232	0.001839	mg/L	62447.92	0.012	34.323
	U	238	-0.000188	mg/L	2392.36	0.001	29.580

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:40:57
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-IFB1.033
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	178348.80	178348.800	4.766
	Be	9	-0.000058	mg/L	19.00	0.000	97.558
	B	11	0.002343	mg/L	2335.66	0.004	41.169
	Na	23	27.799641	mg/L	147020173.63	115.624	2.870
	Mg	24	10.495060	mg/L	36464156.56	28.774	4.392
	Al	27	9.933611	mg/L	53185123.35	42.149	14.023
	Si	28	-0.004267	mg/L	303599.92	0.126	30.853
	K	39	11.689256	mg/L	113742782.10	88.107	6.234
	Ca	44	35.522105	mg/L	10064424.94	7.858	1.532
>	Sc	45		mg/L	1269711.92	1269711.922	6.865
	Ti	47	0.242739	mg/L	203189.25	0.159	5.006
	V	51	0.224584	mg/L	2486926.32	2.032	12.740
	Cr	52	0.222529	mg/L	2263198.50	1.758	14.666
	Mn	55	0.230248	mg/L	3698612.28	2.912	3.332
	Fe	57	20.384078	mg/L	9731708.44	7.634	3.961
	Ni	58	0.409339	mg/L	3135077.11	4.144	5.155
	Co	59	0.220592	mg/L	3210501.69	4.260	3.060
	Ni	60	0.209507	mg/L	674858.83	0.895	3.883
	Ni	62	0.217759	mg/L	105139.22	0.139	1.271
	Cu	63	0.214970	mg/L	1606360.92	2.132	6.170
	Cu	65	0.213588	mg/L	781330.05	1.037	7.013
	Zn	66	0.102348	mg/L	217243.14	0.287	3.001
	Zn	68	0.097836	mg/L	147170.41	0.193	2.682
	Ga	69	-0.000275	mg/L	4092.30	-0.001	9.278
>	Ge	72		mg/L	753497.80	753497.797	1.769
	As	75	0.108539	mg/L	244936.69	0.325	3.985
	Se	77	0.098052	mg/L	28621.36	0.022	12.030
	Se	82	0.100627	mg/L	21854.28	0.006	5.987
	Sr	88	0.000066	mg/L	11038.48	0.003	7.191
>	Y	89		mg/L	3413921.24	3413921.238	4.584
	Mo	95	0.222699	mg/L	987531.71	0.290	10.312
	Mo	98	0.217950	mg/L	1590481.64	0.467	13.255
>	Rh	103		mg/L	2787104.20	2787104.197	5.942
	Ag	107	0.058991	mg/L	626267.34	0.224	1.341
	Ag	109	0.060891	mg/L	613780.20	0.220	4.082
	Cd	111	0.120164	mg/L	314408.23	0.113	11.505
	Cd	114	0.118665	mg/L	728941.59	0.263	12.692
>	In	115		mg/L	3412849.02	3412849.015	2.391
	Sn	118	0.000104	mg/L	3217.94	0.001	18.231
	Sn	120	0.000073	mg/L	4540.95	0.001	24.402
	Sb	121	0.004355	mg/L	46641.88	0.010	6.602
	Sb	123	0.004419	mg/L	36215.32	0.008	3.408
	Ba	135	-0.000047	mg/L	528.02	0.000	7.544

	Ba	137	-0.000055	mg/L	889.02	0.000	2.266
>	Tb	159		mg/L	4163284.65	4163284.651	1.916
>	Ho	165		mg/L	4026184.64	4026184.643	4.370
	Hg	202	0.004223	mg/L	77.33	-0.000	14.767
	Tl	203	-0.000154	mg/L	1651.83	-0.000	11.192
	Tl	205	-0.000168	mg/L	3861.20	-0.001	12.347
	Pb	208	-0.000319	mg/L	3955.71	0.001	3.274
	Bi	209	-0.000094	mg/L	3469.37	0.001	12.514
	Th	232	0.000552	mg/L	18563.61	0.001	51.232
	U	238	-0.000242	mg/L	533.69	0.000	29.679

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:46:03
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-ICV2.034
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	180149.34	180149.339	4.599
	Be	9	0.039543	mg/L	9411.97	0.052	6.617
	B	11	0.038169	mg/L	13842.40	0.068	15.406
	Na	23	0.345267	mg/L	2043807.40	1.551	9.866
	Mg	24	0.367415	mg/L	1292068.32	1.009	8.784
	Al	27	0.175110	mg/L	963256.82	0.747	12.624
	Si	28	-0.029457	mg/L	236553.16	0.070	54.515
	K	39	0.397650	mg/L	6340417.33	3.234	8.857
	Ca	44	0.375356	mg/L	210277.03	0.097	0.725
>	Sc	45		mg/L	1282029.49	1282029.490	5.325
	Ti	47	0.039019	mg/L	34476.62	0.026	8.036
	V	51	0.039489	mg/L	395742.84	0.373	22.473
	Cr	52	0.038827	mg/L	442303.94	0.311	14.735
	Mn	55	0.040339	mg/L	661500.58	0.513	4.862
	Fe	57	0.147043	mg/L	102044.25	0.055	2.623
	Ni	58	0.040113	mg/L	321919.04	0.411	2.315
	Co	59	0.038409	mg/L	560532.61	0.748	8.307
	Ni	60	0.039211	mg/L	126591.25	0.169	10.443
	Ni	62	0.040821	mg/L	20030.25	0.026	3.648
	Cu	63	0.040428	mg/L	304734.95	0.405	2.787
	Cu	65	0.039924	mg/L	147415.74	0.196	3.680
	Zn	66	0.036685	mg/L	80388.05	0.106	2.023
	Zn	68	0.036652	mg/L	57324.10	0.074	9.012
	Ga	69	0.039424	mg/L	534267.59	0.707	9.333
>	Ge	72		mg/L	749425.41	749425.413	1.031
	As	75	0.040546	mg/L	90631.81	0.121	4.820
	Se	77	0.018533	mg/L	16627.71	0.006	11.741
	Se	82	0.038041	mg/L	8136.08	0.002	5.131
	Sr	88	0.038567	mg/L	1064969.24	0.317	6.004
>	Y	89		mg/L	3354755.91	3354755.912	1.969
	Mo	95	0.042079	mg/L	184702.89	0.055	5.187
	Mo	98	0.041538	mg/L	299702.58	0.089	6.282
>	Rh	103		mg/L	2943838.64	2943838.642	6.747
	Ag	107	0.021703	mg/L	245510.53	0.083	1.663
	Ag	109	0.021949	mg/L	235144.43	0.080	7.894
	Cd	111	0.040955	mg/L	113772.77	0.039	10.615
	Cd	114	0.040909	mg/L	266777.59	0.091	10.939
>	In	115		mg/L	3447873.11	3447873.112	2.131
	Sn	118	0.038514	mg/L	322314.41	0.093	3.368
	Sn	120	0.039061	mg/L	441832.23	0.128	4.757
	Sb	121	0.044852	mg/L	400407.17	0.113	2.287
	Sb	123	0.044659	mg/L	311224.50	0.088	5.808
	Ba	135	0.038687	mg/L	107748.55	0.026	2.944

	Ba	137	0.038396	mg/L	185006.10	0.044	7.492
>	Tb	159		mg/L	4159691.48	4159691.484	3.804
>	Ho	165		mg/L	4069205.10	4069205.103	3.749
	Hg	202	0.016303	mg/L	135.67	-0.000	32.626
	Tl	203	0.038250	mg/L	380877.36	0.093	8.783
	Tl	205	0.038188	mg/L	919549.51	0.224	10.176
	Pb	208	0.039422	mg/L	1280149.27	0.314	1.786
	Bi	209	0.038423	mg/L	1069120.17	0.263	3.938
	Th	232	0.036903	mg/L	1273074.95	0.310	6.825
	U	238	0.036500	mg/L	1274525.26	0.314	9.966

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:51:08
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\RINSE.035
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	154498.04	154498.041	6.002
	Be	9	-0.000082	mg/L	11.67	-0.000	50.506
	B	11	-0.000159	mg/L	1336.78	-0.000	341.835
	Na	23	-0.025978	mg/L	68503.88	0.008	38.544
	Mg	24	-0.000663	mg/L	2304.00	0.000	128.078
	Al	27	-0.001118	mg/L	8609.60	-0.001	179.346
	Si	28	-0.045309	mg/L	185854.86	0.036	58.741
	K	39	-0.019424	mg/L	2243405.88	0.099	128.885
	Ca	44	-0.102972	mg/L	72071.88	-0.009	31.198
>	Sc	45		mg/L	1234898.19	1234898.194	4.385
	Ti	47	-0.000382	mg/L	1435.46	-0.000	66.788
	V	51	0.003632	mg/L	-12138.02	0.052	12.820
	Cr	52	-0.002827	mg/L	22585.64	-0.018	10.207
	Mn	55	-0.000333	mg/L	1570.49	-0.001	13.350
	Fe	57	-0.003280	mg/L	28804.99	-0.001	59.084
	Ni	58	-0.000327	mg/L	14999.90	0.002	181.423
	Co	59	-0.000393	mg/L	324.01	0.000	62.554
	Ni	60	-0.000375	mg/L	158.67	0.000	180.026
	Ni	62	-0.000349	mg/L	352.68	0.000	203.117
	Cu	63	-0.000452	mg/L	1520.81	0.001	16.212
	Cu	65	-0.000451	mg/L	822.05	0.000	36.006
	Zn	66	-0.001426	mg/L	1551.15	0.000	81.245
	Zn	68	-0.001756	mg/L	1453.13	-0.000	38.807
	Ga	69	-0.000424	mg/L	2009.58	-0.004	15.055
>	Ge	72		mg/L	729960.04	729960.042	7.026
	As	75	0.000557	mg/L	542.76	0.000	36.367
	Se	77	-0.082227	mg/L	1541.48	-0.014	2.096
	Se	82	0.000328	mg/L	78.63	0.000	63.706
	Sr	88	-0.000294	mg/L	984.06	0.000	346.373
>	Y	89		mg/L	3245357.13	3245357.130	9.387
	Mo	95	0.000627	mg/L	3740.48	0.001	10.147
	Mo	98	0.000751	mg/L	6295.99	0.001	13.034
>	Rh	103		mg/L	3053154.75	3053154.754	3.040
	Ag	107	-0.000252	mg/L	1022.74	0.000	30.894
	Ag	109	-0.000190	mg/L	913.39	0.000	29.246
	Cd	111	-0.000310	mg/L	81.00	0.000	286.539
	Cd	114	-0.000269	mg/L	244.22	0.000	99.442
>	In	115		mg/L	3533124.46	3533124.458	6.444
	Sn	118	-0.000039	mg/L	2108.60	0.000	37.029
	Sn	120	-0.000084	mg/L	2878.95	0.000	55.650
	Sb	121	0.000627	mg/L	14890.40	0.001	73.253
	Sb	123	0.000743	mg/L	11730.01	0.001	47.257
	Ba	135	-0.000167	mg/L	201.00	0.000	16952.123

	Ba	137	-0.000179	mg/L	301.89	0.000	90.017
>	Tb	159		mg/L	4294876.24	4294876.241	2.514
>	Ho	165		mg/L	4095063.50	4095063.495	1.783
	Hg	202	-0.002134	mg/L	48.67	-0.000	1.101
	Tl	203	-0.000189	mg/L	1336.45	-0.001	8.792
	Tl	205	-0.000199	mg/L	3198.60	-0.001	7.690
	Pb	208	-0.000404	mg/L	1281.05	0.000	104.594
	Bi	209	-0.000141	mg/L	2226.64	0.000	29.603
	Th	232	0.000410	mg/L	13992.10	0.000	427.818
	U	238	-0.000248	mg/L	362.34	0.000	75.401

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 11:56:12
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCV1.036
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	183419.18	183419.177	1.173
	Be	9	0.036546	mg/L	8873.09	0.048	5.794
	B	11	0.035253	mg/L	13192.39	0.063	7.793
	Na	23	0.344495	mg/L	2093911.41	1.548	4.120
	Mg	24	0.388017	mg/L	1400933.26	1.066	8.236
	Al	27	0.177108	mg/L	1001307.48	0.755	8.947
	Si	28	-0.031661	mg/L	237550.59	0.066	1.688
	K	39	0.384256	mg/L	6373109.25	3.133	12.691
	Ca	44	0.347582	mg/L	207273.80	0.091	9.459
>	Sc	45		mg/L	1312627.91	1312627.914	1.190
	Ti	47	0.038266	mg/L	34732.75	0.025	7.592
	V	51	0.040828	mg/L	424428.82	0.385	24.115
	Cr	52	0.037779	mg/L	444047.45	0.302	1.907
	Mn	55	0.037655	mg/L	631637.82	0.479	7.899
	Fe	57	0.132499	mg/L	97334.09	0.050	3.653
	Ni	58	0.040599	mg/L	325628.60	0.415	10.605
	Co	59	0.039056	mg/L	569355.79	0.761	15.193
	Ni	60	0.041080	mg/L	132690.27	0.177	9.858
	Ni	62	0.039698	mg/L	19554.57	0.026	0.912
	Cu	63	0.039026	mg/L	295478.44	0.391	4.572
	Cu	65	0.039205	mg/L	145040.70	0.192	3.287
	Zn	66	0.036944	mg/L	80991.65	0.106	7.562
	Zn	68	0.037414	mg/L	58502.03	0.076	9.526
	Ga	69	0.040628	mg/L	551503.20	0.728	5.002
>	Ge	72		mg/L	751511.65	751511.649	4.203
	As	75	0.038665	mg/L	86652.10	0.115	3.074
	Se	77	0.022051	mg/L	17179.74	0.007	17.045
	Se	82	0.038066	mg/L	8132.54	0.002	13.003
	Sr	88	0.039712	mg/L	1095752.86	0.326	4.646
>	Y	89		mg/L	3358743.92	3358743.917	3.198
	Mo	95	0.039403	mg/L	173466.36	0.051	4.723
	Mo	98	0.039668	mg/L	286732.10	0.085	3.181
>	Rh	103		mg/L	3000835.69	3000835.685	7.806
	Ag	107	0.021258	mg/L	244504.52	0.082	6.791
	Ag	109	0.020846	mg/L	227043.21	0.076	12.743
	Cd	111	0.038463	mg/L	108562.63	0.036	16.542
	Cd	114	0.038707	mg/L	256937.65	0.086	12.805
>	In	115		mg/L	3458694.31	3458694.311	3.521
	Sn	118	0.038948	mg/L	327036.34	0.094	1.408
	Sn	120	0.039306	mg/L	445818.47	0.128	2.010
	Sb	121	0.043168	mg/L	386434.32	0.109	7.164
	Sb	123	0.043147	mg/L	301334.31	0.085	9.577
	Ba	135	0.039143	mg/L	107311.83	0.026	7.234

	Ba	137	0.039540	mg/L	187605.75	0.046	9.512
>	Tb	159		mg/L	4099938.74	4099938.743	4.124
>	Ho	165		mg/L	3974039.63	3974039.630	1.867
	Hg	202	0.015386	mg/L	128.34	-0.000	37.485
	Tl	203	0.040752	mg/L	396598.68	0.099	7.392
	Tl	205	0.039092	mg/L	920906.14	0.230	4.135
	Pb	208	0.039123	mg/L	1241856.13	0.312	3.210
	Bi	209	0.038743	mg/L	1053443.88	0.265	3.743
	Th	232	0.038409	mg/L	1295229.32	0.323	7.313
	U	238	0.037830	mg/L	1292240.55	0.325	4.445

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 12:01:17
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCB1.037
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	185635.80	185635.800	7.440
	Be	9	-0.000077	mg/L	15.00	-0.000	567.918
	B	11	-0.001442	mg/L	1180.09	-0.002	17.104
	Na	23	-0.028850	mg/L	54118.60	-0.004	48.205
	Mg	24	-0.000840	mg/L	1703.51	-0.000	182.847
	Al	27	-0.001172	mg/L	8287.24	-0.001	164.172
	Si	28	-0.060941	mg/L	143618.79	0.002	1783.132
	K	39	-0.013291	mg/L	2312815.34	0.145	145.524
	Ca	44	-0.077580	mg/L	79331.47	-0.003	234.699
>	Sc	45		mg/L	1249019.89	1249019.887	10.583
	Ti	47	-0.000282	mg/L	1521.48	-0.000	96.502
	V	51	-0.000513	mg/L	-58191.25	0.015	41.903
	Cr	52	-0.000786	mg/L	42491.52	-0.002	349.424
	Mn	55	-0.000292	mg/L	2226.30	-0.000	94.058
	Fe	57	-0.000946	mg/L	30094.45	-0.000	847.470
	Ni	58	-0.000450	mg/L	14805.54	0.000	445.161
	Co	59	-0.000404	mg/L	178.00	-0.000	213.018
	Ni	60	-0.000377	mg/L	158.67	-0.000	1303.602
	Ni	62	-0.000401	mg/L	342.68	-0.000	349.882
	Cu	63	-0.000553	mg/L	837.71	-0.000	69.238
	Cu	65	-0.000561	mg/L	457.68	-0.000	118.710
	Zn	66	-0.001669	mg/L	1120.41	-0.000	83.535
	Zn	68	-0.001795	mg/L	1465.47	-0.001	28.847
	Ga	69	-0.000334	mg/L	3331.64	-0.002	11.278
>	Ge	72		mg/L	763739.41	763739.412	4.558
	As	75	0.000415	mg/L	266.18	0.000	3182.571
	Se	77	-0.015507	mg/L	11732.03	-0.001	196.385
	Se	82	0.000615	mg/L	142.97	0.000	22.932
	Sr	88	-0.000298	mg/L	926.06	-0.000	188.611
>	Y	89		mg/L	3408630.74	3408630.741	5.504
	Mo	95	0.000311	mg/L	2520.71	0.000	50.230
	Mo	98	0.000389	mg/L	3963.78	0.000	62.139
>	Rh	103		mg/L	2983709.10	2983709.098	0.849
	Ag	107	-0.000275	mg/L	739.38	0.000	104.106
	Ag	109	-0.000213	mg/L	646.37	0.000	109.724
	Cd	111	-0.000309	mg/L	79.33	0.000	120.165
	Cd	114	-0.000274	mg/L	204.03	-0.000	209.422
>	In	115		mg/L	3370246.98	3370246.983	5.567
	Sn	118	-0.000058	mg/L	1870.55	0.000	9.899
	Sn	120	-0.000082	mg/L	2778.61	0.000	37.753
	Sb	121	0.001461	mg/L	21357.99	0.003	17.816
	Sb	123	0.001489	mg/L	16198.46	0.002	10.529
	Ba	135	-0.000171	mg/L	183.67	-0.000	105.082

	Ba	137	-0.000182	mg/L	274.27	0.000	187.243
>	Tb	159		mg/L	4132399.74	4132399.744	1.232
>	Ho	165		mg/L	3947613.01	3947613.012	4.904
	Hg	202	0.014755	mg/L	124.67	-0.000	26.204
	Tl	203	-0.000229	mg/L	903.72	-0.001	2.426
	Tl	205	-0.000240	mg/L	2130.94	-0.002	2.468
	Pb	208	-0.000415	mg/L	861.02	-0.000	57.030
	Bi	209	-0.000133	mg/L	2357.01	0.000	40.083
	Th	232	0.000581	mg/L	19237.87	0.002	45.172
	U	238	-0.000250	mg/L	275.01	0.000	40.260

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 13:10:41
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCV2.048
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	167030.06	167030.056	1.600
	Be	9	0.046074	mg/L	10182.13	0.061	1.173
	B	11	0.046449	mg/L	15350.79	0.083	6.543
	Na	23	0.465728	mg/L	2729824.26	2.051	6.363
	Mg	24	0.440312	mg/L	1570911.59	1.209	5.416
	Al	27	0.223585	mg/L	1241910.90	0.953	13.183
	Si	28	-0.014076	mg/L	283688.73	0.104	29.043
	K	39	0.468422	mg/L	7111686.33	3.766	12.280
	Ca	44	0.351662	mg/L	206137.12	0.092	7.942
>	Sc	45		mg/L	1300377.45	1300377.449	6.295
	Ti	47	0.040882	mg/L	36571.15	0.027	6.221
	V	51	0.041590	mg/L	426514.94	0.392	16.660
	Cr	52	0.043146	mg/L	492670.66	0.345	12.309
	Mn	55	0.043236	mg/L	716511.15	0.550	3.600
	Fe	57	0.160621	mg/L	110179.63	0.060	2.807
	Ni	58	0.042432	mg/L	357699.87	0.434	4.736
	Co	59	0.041688	mg/L	640878.20	0.811	4.673
	Ni	60	0.043707	mg/L	148628.70	0.188	7.913
	Ni	62	0.044888	mg/L	23155.37	0.029	3.331
	Cu	63	0.041700	mg/L	330897.22	0.418	7.200
	Cu	65	0.039799	mg/L	154763.82	0.195	11.073
	Zn	66	0.038163	mg/L	87913.92	0.110	4.024
	Zn	68	0.039910	mg/L	65430.67	0.080	1.773
	Ga	69	0.043489	mg/L	620655.26	0.779	7.850
>	Ge	72		mg/L	789625.72	789625.722	0.502
	As	75	0.040256	mg/L	94766.65	0.120	3.121
	Se	77	0.052697	mg/L	22882.71	0.013	12.421
	Se	82	0.037348	mg/L	8667.11	0.002	6.007
	Sr	88	0.040704	mg/L	1219504.92	0.334	4.784
>	Y	89		mg/L	3641321.55	3641321.547	2.359
	Mo	95	0.040440	mg/L	192707.18	0.053	4.936
	Mo	98	0.039365	mg/L	308164.34	0.084	9.194
>	Rh	103		mg/L	3225074.05	3225074.054	4.085
	Ag	107	0.021866	mg/L	271180.86	0.084	4.525
	Ag	109	0.021594	mg/L	254171.74	0.079	3.922
	Cd	111	0.040179	mg/L	122641.29	0.038	7.527
	Cd	114	0.039596	mg/L	283510.62	0.088	11.041
>	In	115		mg/L	3604266.01	3604266.006	2.698
	Sn	118	0.040444	mg/L	353363.36	0.098	5.103
	Sn	120	0.041284	mg/L	487214.58	0.135	8.893
	Sb	121	0.043997	mg/L	410571.59	0.111	4.866
	Sb	123	0.043070	mg/L	314135.38	0.085	0.634
	Ba	135	0.039657	mg/L	114863.35	0.027	0.997

	Ba	137	0.040267	mg/L	201854.01	0.047	4.514
>	Tb	159		mg/L	4323658.33	4323658.328	2.049
>	Ho	165		mg/L	4093560.58	4093560.579	3.839
	Hg	202	0.018666	mg/L	147.67	-0.000	174.052
	Tl	203	0.041404	mg/L	414841.42	0.101	5.013
	Tl	205	0.041047	mg/L	994165.44	0.241	7.950
	Pb	208	0.041433	mg/L	1353141.74	0.330	0.689
	Bi	209	0.040675	mg/L	1139878.99	0.278	2.040
	Th	232	0.040272	mg/L	1398797.64	0.339	3.431
	U	238	0.041231	mg/L	1447902.40	0.354	7.650

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 13:15:45
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCB2.049
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	163839.09	163839.092	1.693
	Be	9	-0.000068	mg/L	15.33	0.000	275.201
	B	11	0.000135	mg/L	1505.14	0.000	275.783
	Na	23	-0.007293	mg/L	177085.06	0.086	9.564
	Mg	24	-0.000665	mg/L	2460.02	0.000	38.808
	Al	27	-0.001145	mg/L	9070.62	-0.001	93.067
	Si	28	-0.060500	mg/L	156674.54	0.003	201.579
	K	39	-0.006964	mg/L	2542116.23	0.192	43.599
	Ca	44	-0.119854	mg/L	72550.12	-0.012	32.563
>	Sc	45		mg/L	1330424.42	1330424.418	5.899
	Ti	47	-0.000467	mg/L	1467.13	-0.000	37.715
	V	51	-0.002287	mg/L	-84891.29	-0.001	2342.639
	Cr	52	-0.000495	mg/L	48660.56	0.001	606.851
	Mn	55	-0.000285	mg/L	2514.37	-0.000	173.405
	Fe	57	0.007405	mg/L	36310.24	0.003	42.961
	Ni	58	0.000134	mg/L	20166.22	0.006	8.511
	Co	59	-0.000403	mg/L	212.00	0.000	90.470
	Ni	60	-0.000359	mg/L	226.67	0.000	27.158
	Ni	62	0.000507	mg/L	817.38	0.001	7.563
	Cu	63	-0.000483	mg/L	1421.79	0.001	20.845
	Cu	65	-0.000522	mg/L	626.69	0.000	49.489
	Zn	66	-0.001596	mg/L	1331.44	0.000	1147.151
	Zn	68	-0.001730	mg/L	1630.50	-0.000	34.557
	Ga	69	-0.000358	mg/L	3131.57	-0.002	8.932
>	Ge	72		mg/L	795474.94	795474.939	1.047
	As	75	0.000034	mg/L	-660.74	-0.001	117.026
	Se	77	0.020695	mg/L	17984.96	0.006	10.663
	Se	82	0.000448	mg/L	113.91	0.000	52.416
	Sr	88	-0.000296	mg/L	1035.40	-0.000	14591.825
>	Y	89		mg/L	3612530.18	3612530.183	1.123
	Mo	95	0.000130	mg/L	1836.20	0.000	47.595
	Mo	98	0.000224	mg/L	2960.81	0.000	49.686
>	Rh	103		mg/L	3121382.65	3121382.650	3.499
	Ag	107	-0.000280	mg/L	707.37	0.000	68.651
	Ag	109	-0.000217	mg/L	636.36	0.000	61.224
	Cd	111	-0.000313	mg/L	74.00	-0.000	11.736
	Cd	114	-0.000280	mg/L	172.47	-0.000	13.518
>	In	115		mg/L	3705736.17	3705736.173	2.427
	Sn	118	-0.000096	mg/L	1707.85	0.000	51.888
	Sn	120	-0.000159	mg/L	2143.41	0.000	123.730
	Sb	121	0.000422	mg/L	13810.00	0.000	66.510
	Sb	123	0.000522	mg/L	10741.55	0.000	55.128
	Ba	135	-0.000179	mg/L	172.00	-0.000	48.938

	Ba	137	-0.000183	mg/L	289.60	0.000	28.167
>	Tb	159		mg/L	4368875.07	4368875.073	3.670
>	Ho	165		mg/L	4181870.28	4181870.283	4.227
	Hg	202	0.014694	mg/L	131.34	-0.000	40.248
	Tl	203	-0.000221	mg/L	1033.74	-0.001	6.134
	Tl	205	-0.000234	mg/L	2407.01	-0.002	6.229
	Pb	208	-0.000416	mg/L	910.69	-0.000	24.558
	Bi	209	-0.000134	mg/L	2473.04	0.000	34.626
	Th	232	0.000709	mg/L	24820.55	0.003	39.100
	U	238	-0.000249	mg/L	329.01	0.000	50.577

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1114155-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 13:20:49
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\1114155-BLK1.050
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 31

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	168073.62	168073.621	2.239
	Be	9	-0.000071	mg/L	15.00	0.000	162.965
	B	11	0.000112	mg/L	1537.48	0.000	108.144
	Na	23	-0.010966	mg/L	158357.52	0.071	11.028
	Mg	24	0.000935	mg/L	8385.63	0.005	6.427
	Al	27	0.000669	mg/L	19570.41	0.007	15.716
	Si	28	-0.039334	mg/L	219948.90	0.049	44.810
	K	39	-0.010951	mg/L	2527250.37	0.162	65.122
	Ca	44	-0.110645	mg/L	76134.27	-0.010	12.702
>	Sc	45		mg/L	1342999.94	1342999.944	3.592
	Ti	47	-0.000357	mg/L	1582.82	-0.000	21.410
	V	51	-0.000617	mg/L	-63420.69	0.014	263.965
	Cr	52	-0.000218	mg/L	52191.94	0.003	69.801
	Mn	55	-0.000267	mg/L	2836.80	0.000	75.048
	Fe	57	0.008738	mg/L	37345.34	0.003	21.617
	Ni	58	0.000283	mg/L	20635.69	0.008	45.098
	Co	59	-0.000405	mg/L	165.00	-0.000	17.654
	Ni	60	-0.000346	mg/L	261.01	0.000	26.668
	Ni	62	0.000280	mg/L	681.37	0.000	6.697
	Cu	63	-0.000419	mg/L	1860.88	0.001	13.094
	Cu	65	-0.000435	mg/L	931.72	0.001	19.996
	Zn	66	-0.000984	mg/L	2582.73	0.002	25.194
	Zn	68	-0.001086	mg/L	2541.05	0.001	24.260
	Ga	69	-0.000318	mg/L	3597.75	-0.002	13.191
>	Ge	72		mg/L	772506.60	772506.598	6.389
	As	75	0.000115	mg/L	-428.39	-0.001	86.801
	Se	77	0.033523	mg/L	19384.51	0.009	19.787
	Se	82	0.000240	mg/L	65.25	0.000	365.413
	Sr	88	-0.000290	mg/L	1208.76	0.000	111.509
>	Y	89		mg/L	3633730.68	3633730.683	8.086
	Mo	95	-0.000075	mg/L	885.39	-0.000	21.546
	Mo	98	0.000022	mg/L	1399.98	-0.000	19.121
>	Rh	103		mg/L	3277218.63	3277218.627	4.552
	Ag	107	-0.000314	mg/L	326.68	-0.000	49.936
	Ag	109	-0.000254	mg/L	232.01	-0.000	15.764
	Cd	111	-0.000315	mg/L	70.00	-0.000	37.352
	Cd	114	-0.000282	mg/L	167.30	-0.000	20.496
>	In	115		mg/L	3661634.49	3661634.490	3.801
	Sn	118	-0.000159	mg/L	1139.08	-0.000	55.956
	Sn	120	-0.000200	mg/L	1624.59	-0.000	72.936
	Sb	121	-0.000310	mg/L	6827.97	-0.001	12.786
	Sb	123	-0.000218	mg/L	5233.21	-0.001	11.134
	Ba	135	-0.000099	mg/L	394.68	0.000	23.210

	Ba	137	-0.000109	mg/L	649.94	0.000	12.191
>	Tb	159		mg/L	4295758.20	4295758.200	3.770
>	Ho	165		mg/L	4123182.44	4123182.438	1.569
	Hg	202	-0.002410	mg/L	47.67	-0.000	2.061
	Tl	203	-0.000264	mg/L	592.03	-0.001	1.768
	Tl	205	-0.000273	mg/L	1440.13	-0.002	2.409
	Pb	208	-0.000416	mg/L	886.36	-0.000	36.001
	Bi	209	-0.000190	mg/L	849.05	0.000	40.017
	Th	232	0.000294	mg/L	10014.28	-0.001	12.590
	U	238	-0.000255	mg/L	116.34	-0.000	13.772

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1114155-BS1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 13:25:54
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\1114155-BS1.051
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 32

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	178238.15	178238.150	0.734
	Be	9	0.209763	mg/L	49350.60	0.277	4.841
	B	11	0.216593	mg/L	70572.58	0.387	9.065
	Na	23	2.156495	mg/L	11985116.31	9.077	2.152
	Mg	24	2.169520	mg/L	7815550.16	5.950	7.676
	Al	27	1.055313	mg/L	5896693.01	4.481	6.036
	Si	28	0.171038	mg/L	819789.96	0.509	5.756
	K	39	2.150195	mg/L	23808996.47	16.407	5.330
	Ca	44	2.190920	mg/L	742173.20	0.498	5.678
>	Sc	45		mg/L	1313863.81	1313863.806	1.833
	Ti	47	0.204851	mg/L	178065.32	0.134	8.798
	V	51	0.221299	mg/L	2548767.13	2.003	16.460
	Cr	52	0.214920	mg/L	2277710.50	1.698	4.269
	Mn	55	0.211987	mg/L	3526063.09	2.682	9.468
	Fe	57	0.783588	mg/L	417792.11	0.294	0.608
	Ni	58	0.219606	mg/L	1715730.67	2.226	11.312
	Co	59	0.220231	mg/L	3249617.87	4.253	13.104
	Ni	60	0.210691	mg/L	689616.82	0.900	4.503
	Ni	62	0.216095	mg/L	106287.28	0.138	3.084
	Cu	63	0.199480	mg/L	1518394.93	1.979	4.709
	Cu	65	0.205480	mg/L	764424.16	0.998	6.377
	Zn	66	0.203623	mg/L	434227.37	0.566	9.249
	Zn	68	0.205911	mg/L	309712.47	0.403	10.018
	Ga	69	0.214719	mg/L	2941216.82	3.833	3.396
>	Ge	72		mg/L	766877.24	766877.243	4.529
	As	75	0.198828	mg/L	457270.29	0.596	2.917
	Se	77	0.252167	mg/L	52643.55	0.053	3.161
	Se	82	0.196247	mg/L	44495.19	0.012	7.569
	Sr	88	0.213117	mg/L	6195443.44	1.740	5.993
>	Y	89		mg/L	3562356.25	3562356.250	2.291
	Mo	95	0.198565	mg/L	922371.69	0.258	5.176
	Mo	98	0.194756	mg/L	1488893.32	0.417	1.192
>	Rh	103		mg/L	3128072.90	3128072.898	3.329
	Ag	107	0.108004	mg/L	1282513.97	0.410	2.039
	Ag	109	0.105395	mg/L	1190662.32	0.381	5.085
	Cd	111	0.196334	mg/L	577715.15	0.185	6.825
	Cd	114	0.193990	mg/L	1342237.31	0.429	1.933
>	In	115		mg/L	3546736.59	3546736.589	2.376
	Sn	118	0.195185	mg/L	1671219.03	0.471	3.977
	Sn	120	0.204312	mg/L	2361163.43	0.665	0.391
	Sb	121	0.230174	mg/L	2073866.59	0.582	5.753
	Sb	123	0.223629	mg/L	1576021.17	0.442	5.656
	Ba	135	0.204024	mg/L	562519.24	0.136	7.064

	Ba	137	0.204654	mg/L	976370.26	0.236	9.893
>	Tb	159		mg/L	4142950.59	4142950.590	3.980
>	Ho	165		mg/L	3981344.21	3981344.214	2.256
	Hg	202	0.015022	mg/L	126.67	-0.000	42.186
	Tl	203	0.209242	mg/L	2026121.24	0.509	9.261
	Tl	205	0.213698	mg/L	5007048.13	1.257	5.693
	Pb	208	0.210530	mg/L	6631743.39	1.665	0.613
	Bi	209	0.213774	mg/L	5793412.17	1.456	5.616
	Th	232	0.219875	mg/L	7426043.20	1.864	8.304
	U	238	0.215523	mg/L	7331660.82	1.843	6.038

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-03
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 13:31:00
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-03.052
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 33

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	173300.08	173300.084	4.123
	Be	9	-0.000045	mg/L	21.33	0.000	83.560
	B	11	0.081678	mg/L	26782.07	0.146	9.634
	Na	23	23.296178	mg/L	130733327.48	96.913	2.385
	Mg	24	0.007339	mg/L	32023.29	0.022	7.108
	Al	27	0.182329	mg/L	1053847.15	0.778	13.429
	Si	28	3.046621	mg/L	9282648.00	6.798	12.569
	K	39	11.637169	mg/L	120377568.37	87.716	6.469
	Ca	44	176.891372	mg/L	52813459.53	39.075	2.441
>	Sc	45		mg/L	1349313.75	1349313.746	6.089
	Ti	47	0.000304	mg/L	2171.61	0.000	14.057
	V	51	0.027809	mg/L	277012.02	0.268	17.142
	Cr	52	0.009718	mg/L	157362.88	0.081	17.681
	Mn	55	-0.000051	mg/L	6522.74	0.003	6.019
	Fe	57	0.532135	mg/L	302028.96	0.199	6.444
	Ni	58	0.002812	mg/L	41763.82	0.033	5.423
	Co	59	-0.000024	mg/L	6020.73	0.007	11.628
	Ni	60	0.007867	mg/L	28167.14	0.035	10.932
	Ni	62	0.001737	mg/L	1443.13	0.001	7.099
	Cu	63	0.008654	mg/L	73479.28	0.091	5.595
	Cu	65	0.008529	mg/L	35565.89	0.044	3.726
	Zn	66	0.003328	mg/L	12154.91	0.014	3.439
	Zn	68	0.004623	mg/L	11451.68	0.012	9.894
	Ga	69	0.002863	mg/L	48904.75	0.055	8.262
>	Ge	72		mg/L	796924.40	796924.400	1.705
	As	75	0.000779	mg/L	1123.64	0.001	76.408
	Se	77	0.062040	mg/L	24584.80	0.015	4.301
	Se	82	0.003513	mg/L	829.28	0.000	8.248
	Sr	88	0.395362	mg/L	11807798.85	3.227	9.775
>	Y	89		mg/L	3664528.30	3664528.304	4.147
	Mo	95	0.018174	mg/L	87826.35	0.024	4.686
	Mo	98	0.018105	mg/L	143302.76	0.038	6.216
>	Rh	103		mg/L	2954041.08	2954041.083	3.796
	Ag	107	-0.000234	mg/L	1194.10	0.000	63.416
	Ag	109	-0.000177	mg/L	1030.41	0.000	75.210
	Cd	111	-0.000225	mg/L	313.68	0.000	2.482
	Cd	114	-0.000210	mg/L	618.82	0.000	14.451
>	In	115		mg/L	3573636.98	3573636.983	0.962
	Sn	118	0.000100	mg/L	3334.99	0.001	24.563
	Sn	120	0.000058	mg/L	4588.84	0.001	28.399
	Sb	121	-0.000062	mg/L	8926.81	-0.001	12.011
	Sb	123	0.000044	mg/L	6966.70	-0.001	13.154
	Ba	135	0.057968	mg/L	166101.93	0.039	4.704

	Ba	137	0.057413	mg/L	284575.43	0.066	8.682
>	Tb	159		mg/L	4289576.32	4289576.319	3.886
>	Ho	165		mg/L	4143897.98	4143897.975	5.786
	Hg	202	0.107775	mg/L	578.36	0.000	6.073
	Tl	203	0.000145	mg/L	4697.29	0.000	93.252
	Tl	205	0.000127	mg/L	11129.77	0.001	100.037
	Pb	208	0.059400	mg/L	1955588.17	0.472	3.242
	Bi	209	-0.000041	mg/L	5064.25	0.001	41.803
	Th	232	0.001352	mg/L	47060.18	0.008	37.289
	U	238	-0.000236	mg/L	787.04	0.000	20.959

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1114155-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 13:36:05
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\1114155-DUP1.053
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 34

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	156607.77	156607.772	4.105
	Be	9	-0.000075	mg/L	13.33	0.000	613.429
	B	11	0.083957	mg/L	24883.28	0.150	3.760
	Na	23	25.100510	mg/L	137978630.75	104.410	1.812
	Mg	24	0.007848	mg/L	33308.05	0.024	6.175
	Al	27	0.187646	mg/L	1067020.47	0.800	4.921
	Si	28	3.109376	mg/L	9280745.06	6.935	9.427
	K	39	11.280466	mg/L	114190251.46	85.034	10.113
	Ca	44	170.244444	mg/L	49612348.63	37.608	6.978
>	Sc	45		mg/L	1320058.63	1320058.628	5.667
	Ti	47	0.000318	mg/L	2140.94	0.000	34.433
	V	51	0.029398	mg/L	293767.92	0.283	12.717
	Cr	52	0.009504	mg/L	151947.04	0.079	14.198
	Mn	55	-0.000090	mg/L	5712.52	0.002	15.857
	Fe	57	0.539744	mg/L	299094.27	0.202	3.492
	Ni	58	0.002663	mg/L	38109.59	0.032	19.909
	Co	59	-0.000008	mg/L	5893.30	0.008	6.009
	Ni	60	0.008601	mg/L	28898.60	0.038	3.526
	Ni	62	0.001324	mg/L	1162.09	0.001	8.905
	Cu	63	0.009184	mg/L	73100.79	0.096	2.669
	Cu	65	0.009149	mg/L	35669.68	0.047	8.476
	Zn	66	0.002893	mg/L	10523.22	0.012	12.597
	Zn	68	0.004488	mg/L	10577.26	0.012	7.875
	Ga	69	0.003025	mg/L	48208.64	0.058	2.231
>	Ge	72		mg/L	750248.58	750248.575	2.976
	As	75	0.000454	mg/L	364.81	0.000	1890.352
	Se	77	0.076541	mg/L	25284.04	0.018	8.709
	Se	82	0.003284	mg/L	753.75	0.000	3.525
	Sr	88	0.404331	mg/L	11729636.52	3.300	1.583
>	Y	89		mg/L	3555210.05	3555210.053	3.166
	Mo	95	0.018101	mg/L	84958.71	0.023	0.768
	Mo	98	0.018152	mg/L	139432.47	0.039	5.384
>	Rh	103		mg/L	3052735.22	3052735.221	2.905
	Ag	107	-0.000304	mg/L	424.35	0.000	403.475
	Ag	109	-0.000243	mg/L	332.34	-0.000	256.178
	Cd	111	-0.000240	mg/L	280.34	0.000	13.491
	Cd	114	-0.000222	mg/L	560.67	0.000	2.184
>	In	115		mg/L	3601794.88	3601794.876	3.777
	Sn	118	-0.000099	mg/L	1640.16	0.000	31.792
	Sn	120	-0.000148	mg/L	2204.93	0.000	94.590
	Sb	121	-0.000171	mg/L	7996.27	-0.001	13.682
	Sb	123	-0.000063	mg/L	6251.63	-0.001	10.738
	Ba	135	0.060208	mg/L	170279.07	0.040	6.446

	Ba	137	0.059648	mg/L	292167.30	0.069	6.124
>	Tb	159		mg/L	4235094.92	4235094.918	2.815
>	Ho	165		mg/L	4094281.16	4094281.155	1.479
	Hg	202	0.116847	mg/L	615.69	0.000	16.061
	Tl	203	-0.000138	mg/L	1844.54	-0.000	2.969
	Tl	205	-0.000148	mg/L	4442.13	-0.001	8.418
	Pb	208	0.059887	mg/L	1949678.18	0.476	2.734
	Bi	209	-0.000168	mg/L	1467.47	0.000	3.215
	Th	232	0.000419	mg/L	14295.71	0.000	3.650
	U	238	-0.000252	mg/L	213.34	0.000	77.347

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1114155-MS1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 13:41:12
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\1114155-MS1.054
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 35

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	140303.43	140303.435	3.744
	Be	9	0.229259	mg/L	42411.18	0.303	5.360
	B	11	0.321330	mg/L	81698.74	0.574	6.097
	Na	23	26.301858	mg/L	135575650.88	109.401	2.243
	Mg	24	2.246143	mg/L	7634050.11	6.160	3.131
	Al	27	1.286635	mg/L	6766005.97	5.463	2.968
	Si	28	3.451152	mg/L	9625889.17	7.683	9.990
	K	39	13.264448	mg/L	125402862.71	99.947	12.375
	Ca	44	165.127785	mg/L	45162140.35	36.478	5.887
>	Sc	45		mg/L	1237898.85	1237898.846	4.441
	Ti	47	0.195383	mg/L	160244.30	0.128	2.579
	V	51	0.246947	mg/L	2684151.72	2.232	7.045
	Cr	52	0.205509	mg/L	2046416.95	1.624	15.074
	Mn	55	0.207650	mg/L	3252004.02	2.627	2.867
	Fe	57	1.278196	mg/L	623518.38	0.479	4.647
	Ni	58	0.208023	mg/L	1553046.48	2.108	12.871
	Co	59	0.209374	mg/L	2957269.36	4.044	8.033
	Ni	60	0.206828	mg/L	648084.63	0.884	1.282
	Ni	62	0.204775	mg/L	96320.64	0.131	4.160
	Cu	63	0.207042	mg/L	1504028.50	2.054	5.141
	Cu	65	0.208787	mg/L	740933.12	1.014	10.669
	Zn	66	0.204423	mg/L	416134.92	0.568	11.989
	Zn	68	0.203797	mg/L	293133.37	0.398	7.597
	Ga	69	0.218004	mg/L	2857345.61	3.891	2.729
>	Ge	72		mg/L	733034.61	733034.611	5.086
	As	75	0.204835	mg/L	449917.39	0.614	3.793
	Se	77	0.265465	mg/L	52131.44	0.055	12.178
	Se	82	0.193167	mg/L	43103.45	0.012	11.994
	Sr	88	0.578777	mg/L	16616302.54	4.723	1.997
>	Y	89		mg/L	3519692.65	3519692.650	6.291
	Mo	95	0.220123	mg/L	1007139.01	0.286	5.241
	Mo	98	0.216902	mg/L	1630589.34	0.465	11.178
>	Rh	103		mg/L	3029486.43	3029486.427	2.367
	Ag	107	0.103450	mg/L	1189152.57	0.393	6.674
	Ag	109	0.101419	mg/L	1109963.15	0.367	6.063
	Cd	111	0.201524	mg/L	574886.01	0.190	2.755
	Cd	114	0.200342	mg/L	1343541.12	0.443	2.925
>	In	115		mg/L	3635717.94	3635717.938	3.897
	Sn	118	0.186068	mg/L	1631058.26	0.449	2.866
	Sn	120	0.196043	mg/L	2318569.61	0.638	6.566
	Sb	121	0.221117	mg/L	2038806.24	0.559	10.340
	Sb	123	0.218464	mg/L	1577591.04	0.432	5.305
	Ba	135	0.251495	mg/L	710303.75	0.168	7.357

	Ba	137	0.250412	mg/L	1225268.11	0.289	4.366
>	Tb	159		mg/L	4241648.37	4241648.365	2.376
>	Ho	165		mg/L	4055703.56	4055703.563	1.679
	Hg	202	0.128435	mg/L	665.03	0.000	13.087
	Tl	203	0.189631	mg/L	1873549.95	0.461	1.785
	Tl	205	0.201104	mg/L	4802070.00	1.183	4.622
	Pb	208	0.260611	mg/L	8356931.18	2.061	2.016
	Bi	209	0.203749	mg/L	5631578.69	1.388	3.124
	Th	232	0.213351	mg/L	7350184.95	1.809	1.139
	U	238	0.209389	mg/L	7258667.81	1.791	5.144

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1114155-MSD1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 13:46:18
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\1114155-MSD1.055
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 36

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	131037.07	131037.068	2.757
	Be	9	0.232670	mg/L	40223.57	0.307	4.144
	B	11	0.329516	mg/L	78264.88	0.589	5.861
	Na	23	27.049843	mg/L	131503704.24	112.509	2.265
	Mg	24	2.277687	mg/L	7290195.45	6.246	6.335
	Al	27	1.322558	mg/L	6553093.25	5.615	11.586
	Si	28	3.615292	mg/L	9513086.68	8.042	9.019
	K	39	13.634752	mg/L	122014448.68	102.730	1.832
	Ca	44	166.555490	mg/L	43108824.74	36.793	3.928
>	Sc	45		mg/L	1168498.20	1168498.203	3.426
	Ti	47	0.198922	mg/L	153584.92	0.130	8.461
	V	51	0.256186	mg/L	2624802.99	2.315	13.986
	Cr	52	0.221735	mg/L	2084072.40	1.752	11.125
	Mn	55	0.215674	mg/L	3195288.65	2.728	7.659
	Fe	57	1.317533	mg/L	605889.68	0.494	6.178
	Ni	58	0.196163	mg/L	1480454.95	1.989	2.787
	Co	59	0.207369	mg/L	2950761.99	4.005	7.516
	Ni	60	0.205121	mg/L	645821.95	0.876	7.235
	Ni	62	0.202714	mg/L	95857.58	0.130	2.730
	Cu	63	0.188550	mg/L	1381758.56	1.871	5.571
	Cu	65	0.187818	mg/L	673629.49	0.912	3.792
	Zn	66	0.188864	mg/L	388587.23	0.525	3.131
	Zn	68	0.197335	mg/L	286044.04	0.386	8.442
	Ga	69	0.215516	mg/L	2838978.75	3.847	6.621
>	Ge	72		mg/L	737489.28	737489.275	2.372
	As	75	0.199468	mg/L	441454.39	0.598	2.154
	Se	77	0.246274	mg/L	49820.57	0.051	4.147
	Se	82	0.186114	mg/L	43015.39	0.012	1.701
	Sr	88	0.599184	mg/L	17736537.55	4.889	4.590
>	Y	89		mg/L	3627204.22	3627204.220	0.499
	Mo	95	0.208413	mg/L	984725.89	0.271	5.584
	Mo	98	0.203762	mg/L	1585709.37	0.437	7.068
>	Rh	103		mg/L	3068963.34	3068963.340	3.821
	Ag	107	0.104025	mg/L	1212641.82	0.395	1.644
	Ag	109	0.102305	mg/L	1134040.09	0.370	4.275
	Cd	111	0.198102	mg/L	571437.37	0.187	9.047
	Cd	114	0.190222	mg/L	1289649.59	0.421	7.331
>	In	115		mg/L	3625208.51	3625208.512	1.058
	Sn	118	0.187122	mg/L	1636523.42	0.451	4.330
	Sn	120	0.200253	mg/L	2365304.22	0.652	4.163
	Sb	121	0.225009	mg/L	2074325.61	0.569	2.395
	Sb	123	0.214800	mg/L	1548963.46	0.425	3.945
	Ba	135	0.244690	mg/L	701225.43	0.163	4.112

	Ba	137	0.248037	mg/L	1230168.41	0.286	6.271
>	Tb	159		mg/L	4302789.38	4302789.375	3.751
>	Ho	165		mg/L	4055341.22	4055341.216	2.774
	Hg	202	0.127977	mg/L	662.70	0.000	10.173
	Tl	203	0.190556	mg/L	1880105.12	0.463	6.668
	Tl	205	0.207218	mg/L	4944712.39	1.218	5.990
	Pb	208	0.255580	mg/L	8200010.84	2.021	2.759
	Bi	209	0.199271	mg/L	5504357.83	1.357	1.283
	Th	232	0.212251	mg/L	7300435.39	1.799	7.641
	U	238	0.210333	mg/L	7283656.97	1.799	8.400

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1114155-PS1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 13:51:25
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\1114155-PS1.056
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 37

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	114618.33	114618.335	1.880
	Be	9	0.063015	mg/L	9550.11	0.083	1.115
	B	11	0.170793	mg/L	36025.21	0.305	6.623
	Na	23	26.708818	mg/L	123877209.45	111.092	3.349
	Mg	24	0.567533	mg/L	1734421.15	1.558	5.878
	Al	27	0.485831	mg/L	2301294.81	2.065	12.411
	Si	28	3.549982	mg/L	8906337.07	7.899	10.086
	K	39	12.370394	mg/L	105737821.60	93.227	2.943
	Ca	44	172.067189	mg/L	42471436.18	38.010	4.940
>	Sc	45		mg/L	1113904.44	1113904.436	4.090
	Ti	47	0.049702	mg/L	37743.99	0.033	8.696
	V	51	0.076654	mg/L	713978.53	0.706	19.524
	Cr	52	0.060787	mg/L	577720.79	0.484	7.869
	Mn	55	0.052246	mg/L	742519.53	0.664	5.804
	Fe	57	0.784744	mg/L	355261.03	0.294	6.976
	Ni	58	0.050729	mg/L	382463.22	0.518	2.387
	Co	59	0.047737	mg/L	660297.16	0.928	10.349
	Ni	60	0.054832	mg/L	167710.66	0.235	7.820
	Ni	62	0.052506	mg/L	24360.55	0.034	2.376
	Cu	63	0.058554	mg/L	417748.70	0.585	6.695
	Cu	65	0.057211	mg/L	199820.99	0.280	2.247
	Zn	66	0.047661	mg/L	97958.36	0.136	3.437
	Zn	68	0.050009	mg/L	72899.73	0.100	9.280
	Ga	69	0.051864	mg/L	665614.29	0.929	7.326
>	Ge	72		mg/L	712458.79	712458.789	2.257
	As	75	0.051264	mg/L	109182.75	0.153	6.227
	Se	77	0.105894	mg/L	28202.01	0.023	3.550
	Se	82	0.047136	mg/L	10433.63	0.003	1.626
	Sr	88	0.445843	mg/L	12623088.45	3.638	6.200
>	Y	89		mg/L	3472078.18	3472078.183	2.380
	Mo	95	0.069975	mg/L	317530.06	0.091	5.281
	Mo	98	0.068558	mg/L	511760.01	0.147	3.352
>	Rh	103		mg/L	2901012.89	2901012.893	2.793
	Ag	107	0.007732	mg/L	88632.23	0.030	1.493
	Ag	109	0.007928	mg/L	85718.96	0.029	5.361
	Cd	111	0.052581	mg/L	144126.00	0.050	9.368
	Cd	114	0.051035	mg/L	328624.10	0.113	7.734
>	In	115		mg/L	3572560.23	3572560.229	1.075
	Sn	118	0.046895	mg/L	405938.83	0.113	5.620
	Sn	120	0.047837	mg/L	559683.83	0.156	4.369
	Sb	121	0.049521	mg/L	457275.56	0.125	2.846
	Sb	123	0.049533	mg/L	357225.80	0.097	5.024
	Ba	135	0.102194	mg/L	292054.33	0.068	2.870

	Ba	137	0.102426	mg/L	506454.11	0.118	7.128
>	Tb	159		mg/L	4283790.50	4283790.503	3.040
>	Ho	165		mg/L	4041720.27	4041720.267	3.527
	Hg	202	0.121865	mg/L	630.36	0.000	10.743
	Tl	203	0.047466	mg/L	468812.77	0.115	8.178
	Tl	205	0.046198	mg/L	1104072.95	0.272	8.178
	Pb	208	0.106728	mg/L	3420081.07	0.846	0.716
	Bi	209	0.046336	mg/L	1279939.15	0.317	2.190
	Th	232	0.048067	mg/L	1647013.81	0.405	7.381
	U	238	0.046562	mg/L	1614056.61	0.400	6.357

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1114155-DUP2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 13:56:32
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\1114155-DUP2.057
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 38

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	96831.77	96831.767	2.223
	Be	9	-0.000276	mg/L	10.67	0.000	97.400
	B	11	0.250988	mg/L	9545.44	0.090	6.378
	Na	23	27.210063	mg/L	21978543.23	22.728	1.345
	Mg	24	0.040433	mg/L	24925.71	0.024	4.566
	Al	27	0.725800	mg/L	605139.62	0.620	6.428
	Si	28	3.795226	mg/L	1842188.23	1.795	5.749
	K	39	12.399316	mg/L	19885659.18	18.885	2.813
	Ca	44	170.806551	mg/L	7359607.99	7.558	1.850
>	Sc	45		mg/L	965325.01	965325.010	3.485
	Ti	47	0.000617	mg/L	1437.13	0.000	118.839
	V	51	0.046002	mg/L	38749.79	0.102	6.300
	Cr	52	0.004048	mg/L	45299.46	0.011	30.006
	Mn	55	-0.001171	mg/L	2434.68	0.001	16.077
	Fe	57	0.660071	mg/L	71418.16	0.050	3.023
	Ni	58	0.002713	mg/L	19302.01	0.010	8.806
	Co	59	-0.001604	mg/L	1205.43	0.002	13.195
	Ni	60	0.007140	mg/L	5173.54	0.008	12.395
	Ni	62	0.000690	mg/L	518.35	0.000	14.148
	Cu	63	0.006580	mg/L	12828.86	0.018	5.465
	Cu	65	0.006836	mg/L	6507.39	0.009	1.620
	Zn	66	-0.003004	mg/L	2892.16	0.003	6.306
	Zn	68	-0.002021	mg/L	3024.87	0.002	17.461
	Ga	69	0.001746	mg/L	10836.57	0.010	8.485
>	Ge	72		mg/L	654827.45	654827.454	1.621
	As	75	0.002725	mg/L	464.10	0.000	146.086
	Se	77	-0.255287	mg/L	5451.02	-0.008	3.872
	Se	82	0.003855	mg/L	172.50	0.000	28.308
	Sr	88	0.424180	mg/L	2297333.89	0.694	5.087
>	Y	89		mg/L	3305866.96	3305866.964	1.592
	Mo	95	0.019810	mg/L	18151.68	0.005	9.503
	Mo	98	0.020321	mg/L	29922.66	0.008	5.202
>	Rh	103		mg/L	3064073.74	3064073.742	7.267
	Ag	107	-0.001401	mg/L	694.37	0.000	84.569
	Ag	109	-0.001095	mg/L	595.69	0.000	75.627
	Cd	111	-0.001516	mg/L	99.67	0.000	21.329
	Cd	114	-0.001343	mg/L	244.57	0.000	94.819
>	In	115		mg/L	3680286.26	3680286.260	4.168
	Sn	118	-0.000250	mg/L	2107.93	0.000	13.319
	Sn	120	-0.000449	mg/L	2949.58	0.000	33.841
	Sb	121	0.005389	mg/L	19738.41	0.002	35.877
	Sb	123	0.005668	mg/L	15049.81	0.002	45.469
	Ba	135	0.061762	mg/L	35570.16	0.008	6.033

	Ba	137	0.062425	mg/L	62221.83	0.015	7.558
>	Tb	159		mg/L	4250974.27	4250974.268	5.403
>	Ho	165		mg/L	4048481.33	4048481.330	3.539
	Hg	202	0.109121	mg/L	161.00	0.000	116.270
	Tl	203	-0.000271	mg/L	2643.75	-0.000	38.488
	Tl	205	-0.000288	mg/L	6525.07	-0.000	19.069
	Pb	208	0.060784	mg/L	402630.80	0.099	1.221
	Bi	209	-0.000737	mg/L	2008.58	0.000	33.860
	Th	232	0.003333	mg/L	22603.10	0.002	29.685
	U	238	-0.001226	mg/L	441.35	0.000	15.142

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-04
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:01:37
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-04.058
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 39

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	117372.83	117372.830	1.777
	Be	9	-0.000094	mg/L	7.00	-0.000	77.777
	B	11	0.346640	mg/L	73705.88	0.620	9.036
	Na	23	S	mg/L	S	S	S
	Mg	24	81.119577	mg/L	270948772.05	222.390	8.039
	Al	27	0.019059	mg/L	112763.71	0.085	9.050
	Si	28	13.447000	mg/L	36189622.46	29.545	3.824
	K	39	14.353821	mg/L	134242129.73	108.135	3.616
	Ca	44	100.747903	mg/L	27301978.21	22.261	2.860
>	Sc	45		mg/L	1221628.72	1221628.716	5.101
	Ti	47	0.003164	mg/L	4243.03	0.002	15.053
	V	51	-0.002270	mg/L	-79275.46	-0.001	6438.040
	Cr	52	0.002320	mg/L	71857.03	0.023	12.694
	Mn	55	0.225127	mg/L	3489625.57	2.848	7.425
	Fe	57	0.458240	mg/L	239788.99	0.172	4.079
	Ni	58	0.003130	mg/L	42234.11	0.037	11.089
	Co	59	0.002588	mg/L	43903.60	0.058	12.836
	Ni	60	0.005810	mg/L	20173.02	0.026	11.629
	Ni	62	0.001486	mg/L	1255.77	0.001	5.259
	Cu	63	0.002457	mg/L	23504.58	0.030	10.489
	Cu	65	0.000213	mg/L	3305.97	0.004	3.711
	Zn	66	0.000839	mg/L	6370.30	0.007	5.874
	Zn	68	0.002855	mg/L	8305.22	0.009	12.394
	Ga	69	0.001766	mg/L	31743.40	0.035	9.064
>	Ge	72		mg/L	760043.81	760043.810	2.895
	As	75	0.005568	mg/L	12022.74	0.016	8.222
	Se	77	0.077734	mg/L	25809.25	0.018	11.246
	Se	82	0.008654	mg/L	2014.75	0.001	5.984
	Sr	88	0.389245	mg/L	11551197.92	3.177	5.202
>	Y	89		mg/L	3639679.43	3639679.427	3.494
	Mo	95	0.001679	mg/L	9186.75	0.002	9.046
	Mo	98	0.001686	mg/L	14379.89	0.003	10.355
>	Rh	103		mg/L	3098995.20	3098995.198	3.148
	Ag	107	-0.000293	mg/L	557.69	0.000	39.908
	Ag	109	-0.000233	mg/L	448.02	0.000	44.867
	Cd	111	-0.000302	mg/L	104.67	0.000	44.529
	Cd	114	-0.000275	mg/L	208.14	-0.000	60.827
>	In	115		mg/L	3641417.49	3641417.486	0.579
	Sn	118	-0.000089	mg/L	1744.19	0.000	20.052
	Sn	120	-0.000138	mg/L	2360.72	0.000	30.226
	Sb	121	0.000475	mg/L	14047.34	0.001	42.685
	Sb	123	0.000564	mg/L	10847.51	0.000	46.986
	Ba	135	0.066265	mg/L	188874.03	0.044	4.313

	Ba	137	0.067031	mg/L	330688.69	0.078	6.615
>	Tb	159		mg/L	4268241.89	4268241.887	3.014
>	Ho	165		mg/L	4080569.62	4080569.619	2.260
	Hg	202	0.048395	mg/L	288.01	0.000	30.287
	Tl	203	-0.000165	mg/L	1573.49	-0.000	9.234
	Tl	205	-0.000172	mg/L	3838.85	-0.001	5.991
	Pb	208	-0.000358	mg/L	2755.52	0.000	4.696
	Bi	209	-0.000159	mg/L	1701.51	0.000	18.860
	Th	232	0.000643	mg/L	22028.94	0.002	16.568
	U	238	-0.000187	mg/L	2457.36	0.001	7.760

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-16
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:06:42
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-16.059
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 40

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	109619.40	109619.396	5.615
	Be	9	-0.000055	mg/L	12.00	0.000	107.530
	B	11	0.608363	mg/L	120020.39	1.087	3.316
	Na	23	S	mg/L	S	S	S
	Mg	24	0.038526	mg/L	117599.71	0.108	3.640
	Al	27	0.052116	mg/L	250648.52	0.225	3.927
	Si	28	20.430731	mg/L	48325705.19	44.820	3.502
	K	39	S	mg/L	S	S	S
	Ca	44	306.052063	mg/L	72714894.38	67.597	6.933
>	Sc	45		mg/L	1076215.82	1076215.822	4.902
	Ti	47	0.003386	mg/L	3912.22	0.002	8.163
	V	51	0.019927	mg/L	147325.81	0.198	16.762
	Cr	52	0.000124	mg/L	44779.43	0.006	26.616
	Mn	55	0.000217	mg/L	8843.39	0.006	7.795
	Fe	57	1.048479	mg/L	448766.39	0.393	1.708
	Ni	58	0.016626	mg/L	124833.55	0.173	11.778
	Co	59	0.000723	mg/L	14270.73	0.022	12.104
	Ni	60	0.024385	mg/L	68925.14	0.106	1.935
	Ni	62	0.018014	mg/L	7933.88	0.012	3.485
	Cu	63	0.001633	mg/L	14821.98	0.021	7.419
	Cu	65	0.001639	mg/L	7326.03	0.011	2.061
	Zn	66	0.005441	mg/L	13709.15	0.019	7.758
	Zn	68	0.005602	mg/L	10584.94	0.014	8.363
	Ga	69	0.001575	mg/L	25004.94	0.032	3.302
>	Ge	72		mg/L	651288.69	651288.693	4.375
	As	75	0.008998	mg/L	17017.07	0.026	9.147
	Se	77	0.069153	mg/L	20992.45	0.016	10.111
	Se	82	0.009522	mg/L	1922.36	0.001	12.849
	Sr	88	0.826277	mg/L	21328482.07	6.741	3.383
>	Y	89		mg/L	3167099.10	3167099.100	5.685
	Mo	95	0.093189	mg/L	384936.31	0.121	1.416
	Mo	98	0.093716	mg/L	636255.85	0.201	5.291
>	Rh	103		mg/L	2705495.81	2705495.806	4.678
	Ag	107	-0.000265	mg/L	768.71	0.000	11.294
	Ag	109	-0.000207	mg/L	639.36	0.000	24.690
	Cd	111	-0.000021	mg/L	803.04	0.000	12.543
	Cd	114	-0.000074	mg/L	1377.57	0.000	8.386
>	In	115		mg/L	3231980.61	3231980.606	4.528
	Sn	118	0.000108	mg/L	3115.31	0.001	67.503
	Sn	120	-0.000038	mg/L	3137.20	0.000	16.763
	Sb	121	-0.000030	mg/L	8316.22	-0.001	31.880
	Sb	123	0.000088	mg/L	6567.81	-0.001	29.399
	Ba	135	0.027194	mg/L	70134.09	0.018	6.161

	Ba	137	0.027546	mg/L	123026.91	0.032	5.617
>	Tb	159		mg/L	3843239.60	3843239.598	2.686
>	Ho	165		mg/L	3716686.86	3716686.862	0.394
	Hg	202	0.713919	mg/L	3140.58	0.001	6.317
	Tl	203	-0.000191	mg/L	1198.42	-0.001	2.527
	Tl	205	-0.000210	mg/L	2661.08	-0.001	4.654
	Pb	208	-0.000302	mg/L	4146.75	0.001	3.137
	Bi	209	-0.000186	mg/L	876.72	0.000	17.363
	Th	232	0.000311	mg/L	9573.14	-0.001	8.877
	U	238	-0.000249	mg/L	298.01	0.000	7.885

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:11:48
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\RINSE.060
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	99878.72	99878.718	1.245
	Be	9	-0.000060	mg/L	10.33	0.000	122.261
	B	11	0.006379	mg/L	2034.59	0.011	29.683
	Na	23	-0.003571	mg/L	157588.80	0.102	45.134
	Mg	24	0.000321	mg/L	4860.20	0.003	110.343
	Al	27	-0.000974	mg/L	8027.03	-0.000	1281.169
	Si	28	-0.019117	mg/L	220564.47	0.093	21.837
	K	39	0.030464	mg/L	2321155.81	0.474	17.652
	Ca	44	-0.061499	mg/L	71527.16	0.000	1420.287
>	Sc	45		mg/L	1057702.13	1057702.129	2.328
	Ti	47	-0.000364	mg/L	1243.43	-0.000	88.635
	V	51	0.003755	mg/L	-9205.65	0.053	14.891
	Cr	52	-0.002231	mg/L	24367.23	-0.013	7.816
	Mn	55	-0.000316	mg/L	1577.15	-0.000	31.022
	Fe	57	0.007375	mg/L	28897.98	0.003	46.696
	Ni	58	0.000113	mg/L	17155.09	0.006	61.025
	Co	59	-0.000399	mg/L	228.34	0.000	99.660
	Ni	60	-0.000371	mg/L	160.34	0.000	89.382
	Ni	62	-0.000192	mg/L	401.01	0.000	35.931
	Cu	63	-0.000449	mg/L	1456.46	0.001	6.058
	Cu	65	-0.000326	mg/L	1191.76	0.001	23.052
	Zn	66	-0.001395	mg/L	1520.14	0.001	53.839
	Zn	68	-0.001734	mg/L	1396.12	-0.000	65.255
	Ga	69	-0.000425	mg/L	1881.89	-0.004	16.082
>	Ge	72		mg/L	687233.95	687233.951	7.195
	As	75	0.000416	mg/L	213.10	0.000	505.422
	Se	77	-0.082340	mg/L	1437.80	-0.014	2.535
	Se	82	0.000294	mg/L	75.22	0.000	39.742
	Sr	88	-0.000247	mg/L	2367.78	0.000	129.819
>	Y	89		mg/L	3480722.95	3480722.945	6.328
	Mo	95	0.000298	mg/L	2540.39	0.000	19.714
	Mo	98	0.000396	mg/L	4137.86	0.000	5.844
>	Rh	103		mg/L	3254589.85	3254589.850	4.061
	Ag	107	-0.000323	mg/L	215.67	-0.000	2.967
	Ag	109	-0.000261	mg/L	140.34	-0.000	5.487
	Cd	111	-0.000317	mg/L	62.67	-0.000	39.968
	Cd	114	-0.000280	mg/L	180.14	-0.000	50.220
>	In	115		mg/L	3795298.20	3795298.198	4.264
	Sn	118	-0.000175	mg/L	1034.74	-0.000	9.685
	Sn	120	-0.000225	mg/L	1378.88	-0.000	17.434
	Sb	121	-0.000857	mg/L	1841.21	-0.003	2.383
	Sb	123	-0.000749	mg/L	1436.11	-0.002	2.207
	Ba	135	-0.000175	mg/L	178.34	-0.000	154.822

	Ba	137	-0.000180	mg/L	296.16	0.000	452.558
>	Tb	159		mg/L	4326242.96	4326242.959	4.249
>	Ho	165		mg/L	4254866.71	4254866.713	1.011
	Hg	202	0.003073	mg/L	76.33	-0.000	4.720
	Tl	203	-0.000212	mg/L	1155.09	-0.001	5.806
	Tl	205	-0.000222	mg/L	2761.78	-0.001	4.396
	Pb	208	-0.000415	mg/L	943.70	-0.000	218.360
	Bi	209	-0.000204	mg/L	489.35	-0.000	31.322
	Th	232	0.000064	mg/L	2044.92	-0.003	0.664
	U	238	-0.000252	mg/L	201.67	0.000	836.456

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:16:52
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCV3.061
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	101269.12	101269.115	2.229
	Be	9	0.053681	mg/L	7189.58	0.071	0.563
	B	11	0.060077	mg/L	11775.07	0.107	3.345
	Na	23	0.499788	mg/L	2380171.76	2.193	1.333
	Mg	24	0.492731	mg/L	1439218.02	1.353	0.887
	Al	27	0.240461	mg/L	1093104.47	1.024	6.626
	Si	28	0.012368	mg/L	292505.31	0.162	27.951
	K	39	0.512898	mg/L	6152308.20	4.100	16.379
	Ca	44	0.400266	mg/L	179633.34	0.102	9.567
>	Sc	45		mg/L	1062324.60	1062324.596	6.888
	Ti	47	0.040640	mg/L	29795.28	0.027	1.680
	V	51	0.039355	mg/L	329228.77	0.372	4.421
	Cr	52	0.045456	mg/L	421092.65	0.363	14.686
	Mn	55	0.044388	mg/L	599679.94	0.564	6.899
	Fe	57	0.172341	mg/L	94717.50	0.065	3.539
	Ni	58	0.039633	mg/L	308390.45	0.406	15.359
	Co	59	0.039884	mg/L	566238.29	0.777	4.833
	Ni	60	0.041789	mg/L	131520.51	0.180	4.237
	Ni	62	0.041498	mg/L	19846.25	0.027	1.304
	Cu	63	0.039528	mg/L	289523.51	0.396	7.436
	Cu	65	0.039165	mg/L	140278.48	0.192	12.093
	Zn	66	0.035530	mg/L	75708.36	0.102	10.273
	Zn	68	0.037084	mg/L	56394.98	0.075	5.122
	Ga	69	0.042308	mg/L	558987.66	0.758	2.476
>	Ge	72		mg/L	730231.50	730231.498	5.962
	As	75	0.039881	mg/L	86687.49	0.119	4.900
	Se	77	0.068419	mg/L	23356.57	0.016	20.728
	Se	82	0.035449	mg/L	8217.26	0.002	13.220
	Sr	88	0.039345	mg/L	1181527.90	0.323	2.975
>	Y	89		mg/L	3649213.52	3649213.525	5.020
	Mo	95	0.039810	mg/L	189988.02	0.052	4.629
	Mo	98	0.038578	mg/L	302048.04	0.082	10.799
>	Rh	103		mg/L	3202059.16	3202059.159	2.007
	Ag	107	0.021678	mg/L	266984.04	0.083	3.667
	Ag	109	0.021590	mg/L	252505.13	0.079	3.659
	Cd	111	0.040492	mg/L	122903.62	0.038	3.360
	Cd	114	0.039172	mg/L	279065.65	0.087	6.315
>	In	115		mg/L	3665930.16	3665930.160	2.995
	Sn	118	0.039046	mg/L	347214.92	0.094	2.577
	Sn	120	0.039862	mg/L	478658.01	0.130	7.440
	Sb	121	0.043059	mg/L	408692.38	0.108	6.831
	Sb	123	0.041918	mg/L	310921.84	0.082	3.906
	Ba	135	0.038442	mg/L	112523.61	0.026	5.246

	Ba	137	0.039104	mg/L	198184.34	0.045	0.791
>	Tb	159		mg/L	4367935.95	4367935.950	0.714
>	Ho	165		mg/L	4099403.42	4099403.423	3.922
	Hg	202	0.016852	mg/L	139.67	-0.000	127.380
	Tl	203	0.040642	mg/L	408218.62	0.099	1.456
	Tl	205	0.040536	mg/L	983375.93	0.238	7.311
	Pb	208	0.041372	mg/L	1352199.07	0.330	3.383
	Bi	209	0.039761	mg/L	1116340.95	0.272	4.366
	Th	232	0.039139	mg/L	1362145.33	0.329	2.573
	U	238	0.040812	mg/L	1435757.11	0.351	6.380

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:21:56
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCB3.062
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	99961.75	99961.753	2.265
	Be	9	-0.000050	mg/L	11.67	0.000	118.502
	B	11	0.001220	mg/L	1113.08	0.002	47.356
	Na	23	-0.011868	mg/L	117271.35	0.067	28.022
	Mg	24	-0.000583	mg/L	2140.94	0.001	14.362
	Al	27	-0.000857	mg/L	8296.22	0.000	238.418
	Si	28	-0.048701	mg/L	147598.63	0.028	60.812
	K	39	0.034271	mg/L	2288239.58	0.502	30.549
	Ca	44	-0.049961	mg/L	72167.76	0.003	142.219
>	Sc	45		mg/L	1031205.64	1031205.640	4.917
	Ti	47	-0.000042	mg/L	1424.13	0.000	414.272
	V	51	-0.002694	mg/L	-67823.39	-0.005	376.997
	Cr	52	0.000836	mg/L	48540.63	0.011	40.505
	Mn	55	-0.000255	mg/L	2324.99	0.000	31.029
	Fe	57	0.010347	mg/L	29318.31	0.004	15.660
	Ni	58	0.000007	mg/L	17400.17	0.005	33.495
	Co	59	-0.000405	mg/L	164.67	-0.000	149.570
	Ni	60	-0.000369	mg/L	175.67	0.000	105.739
	Ni	62	-0.000106	mg/L	460.68	0.000	15.133
	Cu	63	-0.000552	mg/L	799.38	-0.000	21.365
	Cu	65	-0.000496	mg/L	662.03	0.000	28.590
	Zn	66	-0.001582	mg/L	1237.76	0.000	481.585
	Zn	68	-0.001624	mg/L	1631.16	-0.000	94.791
	Ga	69	-0.000311	mg/L	3460.36	-0.002	17.831
>	Ge	72		mg/L	723767.44	723767.441	2.495
	As	75	0.000380	mg/L	168.14	-0.000	2535.235
	Se	77	0.031572	mg/L	17918.16	0.009	15.014
	Se	82	0.000442	mg/L	112.22	0.000	49.697
	Sr	88	-0.000296	mg/L	1044.40	-0.000	2781.370
>	Y	89		mg/L	3642035.82	3642035.816	5.955
	Mo	95	0.000180	mg/L	2076.26	0.000	82.243
	Mo	98	0.000241	mg/L	3086.15	0.000	132.151
>	Rh	103		mg/L	3143202.06	3143202.063	1.320
	Ag	107	-0.000280	mg/L	722.70	0.000	77.873
	Ag	109	-0.000217	mg/L	637.70	0.000	83.190
	Cd	111	-0.000315	mg/L	66.67	-0.000	97.175
	Cd	114	-0.000281	mg/L	166.30	-0.000	18.550
>	In	115		mg/L	3634220.05	3634220.046	5.918
	Sn	118	-0.000099	mg/L	1652.83	0.000	13.936
	Sn	120	-0.000148	mg/L	2232.72	0.000	23.222
	Sb	121	0.000382	mg/L	13131.32	0.000	130.930
	Sb	123	0.000451	mg/L	9999.23	0.000	160.935
	Ba	135	-0.000174	mg/L	182.34	-0.000	91.441

	Ba	137	-0.000181	mg/L	292.23	0.000	158.683
>	Tb	159		mg/L	4330571.09	4330571.092	1.786
>	Ho	165		mg/L	4064972.23	4064972.232	4.348
	Hg	202	0.012655	mg/L	118.34	-0.000	7.200
	Tl	203	-0.000222	mg/L	1006.07	-0.001	1.090
	Tl	205	-0.000230	mg/L	2424.68	-0.002	2.409
	Pb	208	-0.000415	mg/L	893.36	-0.000	59.098
	Bi	209	-0.000135	mg/L	2359.34	0.000	35.370
	Th	232	0.000764	mg/L	26112.21	0.003	27.205
	U	238	-0.000248	mg/L	346.68	0.000	11.457

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:28:25
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCV3.063
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	135431.16	135431.156	1.503
	Be	9	0.049051	mg/L	8789.00	0.065	1.412
	B	11	0.052587	mg/L	13941.16	0.094	2.610
	Na	23	0.489496	mg/L	2809303.65	2.150	4.078
	Mg	24	0.465893	mg/L	1638628.31	1.279	3.698
	Al	27	0.216757	mg/L	1191640.67	0.924	6.836
	Si	28	-0.010226	mg/L	291040.40	0.112	9.560
	K	39	0.443016	mg/L	6759666.04	3.575	14.793
	Ca	44	0.327266	mg/L	195950.04	0.086	10.072
>	Sc	45		mg/L	1278416.07	1278416.072	2.769
	Ti	47	0.039862	mg/L	35216.77	0.026	6.273
	V	51	0.043736	mg/L	448421.00	0.411	14.642
	Cr	52	0.040313	mg/L	457724.78	0.322	8.145
	Mn	55	0.041582	mg/L	677651.27	0.529	7.833
	Fe	57	0.170234	mg/L	112859.23	0.064	0.874
	Ni	58	0.043148	mg/L	356531.42	0.441	13.464
	Co	59	0.042036	mg/L	634034.69	0.818	12.833
	Ni	60	0.042032	mg/L	140717.49	0.181	4.746
	Ni	62	0.041865	mg/L	21341.07	0.027	5.860
	Cu	63	0.040218	mg/L	314656.95	0.403	1.183
	Cu	65	0.040963	mg/L	156514.98	0.201	7.605
	Zn	66	0.039520	mg/L	89153.38	0.113	13.378
	Zn	68	0.039401	mg/L	63432.02	0.079	12.301
	Ga	69	0.042494	mg/L	596547.73	0.762	4.221
>	Ge	72		mg/L	777764.23	777764.225	5.148
	As	75	0.040151	mg/L	93044.06	0.119	1.985
	Se	77	-0.002712	mg/L	13934.15	0.002	61.740
	Se	82	0.039502	mg/L	9156.36	0.003	12.529
	Sr	88	0.040121	mg/L	1202391.30	0.330	6.845
>	Y	89		mg/L	3653380.10	3653380.097	6.280
	Mo	95	0.039315	mg/L	187882.25	0.051	3.326
	Mo	98	0.039510	mg/L	309998.90	0.084	5.930
>	Rh	103		mg/L	3306467.11	3306467.110	4.853
	Ag	107	0.021049	mg/L	267208.69	0.081	6.886
	Ag	109	0.020590	mg/L	248050.62	0.075	9.399
	Cd	111	0.038902	mg/L	121670.43	0.037	8.828
	Cd	114	0.038626	mg/L	283974.74	0.086	4.656
>	In	115		mg/L	3800305.23	3800305.228	4.117
	Sn	118	0.038384	mg/L	354030.11	0.093	0.973
	Sn	120	0.038310	mg/L	477354.63	0.125	4.141
	Sb	121	0.041143	mg/L	405206.80	0.103	5.612
	Sb	123	0.040611	mg/L	312200.69	0.080	6.296
	Ba	135	0.040032	mg/L	116264.04	0.027	8.808

	Ba	137	0.040299	mg/L	202675.32	0.047	9.130
>	Tb	159		mg/L	4345968.63	4345968.631	4.305
>	Ho	165		mg/L	4211842.14	4211842.136	0.775
	Hg	202	0.018516	mg/L	151.34	-0.000	311.521
	Tl	203	0.041144	mg/L	424627.39	0.100	6.362
	Tl	205	0.039852	mg/L	995351.14	0.234	1.807
	Pb	208	0.040381	mg/L	1357568.34	0.322	1.430
	Bi	209	0.039679	mg/L	1143536.24	0.271	3.935
	Th	232	0.039413	mg/L	1409547.95	0.331	5.493
	U	238	0.039815	mg/L	1441796.29	0.342	3.003

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:33:29
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCB3.064
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	132208.86	132208.859	1.450
	Be	9	-0.000076	mg/L	11.00	0.000	9078.305
	B	11	-0.000190	mg/L	1139.42	-0.000	315.208
	Na	23	-0.013200	mg/L	131814.39	0.062	12.862
	Mg	24	-0.000369	mg/L	3241.94	0.001	8.215
	Al	27	-0.000970	mg/L	9233.16	-0.000	1302.394
	Si	28	-0.060696	mg/L	142705.76	0.002	335.505
	K	39	-0.000821	mg/L	2381472.21	0.238	45.738
	Ca	44	-0.115506	mg/L	67655.27	-0.011	8.996
>	Sc	45		mg/L	1215801.72	1215801.722	2.015
	Ti	47	-0.000402	mg/L	1395.79	-0.000	20.960
	V	51	0.001395	mg/L	-35653.45	0.032	103.156
	Cr	52	-0.001979	mg/L	30416.50	-0.011	11.639
	Mn	55	-0.000275	mg/L	2437.02	0.000	285.909
	Fe	57	-0.002142	mg/L	28854.70	-0.001	107.440
	Ni	58	-0.000281	mg/L	15428.60	0.002	114.296
	Co	59	-0.000405	mg/L	167.34	-0.000	202.801
	Ni	60	-0.000370	mg/L	175.34	0.000	52.634
	Ni	62	-0.000172	mg/L	436.35	0.000	25.611
	Cu	63	-0.000545	mg/L	861.72	-0.000	121.300
	Cu	65	-0.000502	mg/L	647.70	0.000	51.971
	Zn	66	-0.001568	mg/L	1276.77	0.000	209.002
	Zn	68	-0.001624	mg/L	1645.83	-0.000	123.132
	Ga	69	-0.000327	mg/L	3293.30	-0.002	14.572
>	Ge	72		mg/L	732420.20	732420.200	5.519
	As	75	0.000055	mg/L	-535.05	-0.001	105.312
	Se	77	-0.040728	mg/L	7589.91	-0.006	11.191
	Se	82	0.000500	mg/L	119.02	0.000	22.351
	Sr	88	-0.000295	mg/L	990.73	0.000	681.236
>	Y	89		mg/L	3416935.88	3416935.875	4.692
	Mo	95	0.000131	mg/L	1748.86	0.000	87.290
	Mo	98	0.000231	mg/L	2852.96	0.000	50.352
>	Rh	103		mg/L	3095817.14	3095817.145	5.796
	Ag	107	-0.000281	mg/L	693.37	0.000	69.801
	Ag	109	-0.000221	mg/L	584.36	0.000	77.521
	Cd	111	-0.000316	mg/L	63.33	-0.000	90.081
	Cd	114	-0.000280	mg/L	167.52	-0.000	47.175
>	In	115		mg/L	3605719.54	3605719.540	4.481
	Sn	118	-0.000121	mg/L	1449.13	0.000	30.858
	Sn	120	-0.000164	mg/L	2019.71	0.000	141.344
	Sb	121	0.000379	mg/L	13001.15	0.000	164.189
	Sb	123	0.000476	mg/L	10078.10	0.000	209.171
	Ba	135	-0.000179	mg/L	161.34	-0.000	32.978

	Ba	137	-0.000181	mg/L	283.96	0.000	183.360
>	Tb	159		mg/L	4171536.69	4171536.687	4.751
>	Ho	165		mg/L	4021610.01	4021610.014	0.688
	Hg	202	0.010160	mg/L	105.34	-0.000	36.134
	Tl	203	-0.000224	mg/L	970.39	-0.001	2.286
	Tl	205	-0.000236	mg/L	2271.97	-0.002	1.122
	Pb	208	-0.000416	mg/L	861.69	-0.000	45.902
	Bi	209	-0.000135	mg/L	2347.67	0.000	36.242
	Th	232	0.000528	mg/L	17781.74	0.001	52.094
	U	238	-0.000249	mg/L	298.67	0.000	7.395

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-17
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:38:34
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-17.065
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 41

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	146798.10	146798.101	4.007
	Be	9	-0.000058	mg/L	15.67	0.000	152.156
	B	11	0.032588	mg/L	9856.11	0.058	3.370
	Na	23	S	mg/L	S	S	S
	Mg	24	114.469779	mg/L	390391828.66	313.820	6.944
	Al	27	0.003464	mg/L	32807.59	0.019	16.373
	Si	28	16.691167	mg/L	45589481.35	36.641	7.656
	K	39	7.114999	mg/L	68612597.91	53.725	13.806
	Ca	44	80.843221	mg/L	22280440.26	17.866	4.633
>	Sc	45		mg/L	1245018.57	1245018.574	7.419
	Ti	47	0.005622	mg/L	6340.91	0.004	78.563
	V	51	-0.001137	mg/L	-64051.06	0.009	361.720
	Cr	52	-0.001652	mg/L	34237.38	-0.008	27.001
	Mn	55	10.988121	mg/L	172396360.96	138.828	5.486
	Fe	57	220.934070	mg/L	103004202.52	82.739	2.695
	Ni	58	1.859604	mg/L	15723674.99	18.809	17.522
	Co	59	0.018664	mg/L	307201.21	0.368	14.201
	Ni	60	0.007740	mg/L	29128.95	0.035	8.561
	Ni	62	0.016879	mg/L	9650.04	0.011	37.765
	Cu	63	0.008802	mg/L	78523.51	0.092	13.093
	Cu	65	0.000168	mg/L	3457.70	0.003	11.886
	Zn	66	0.007093	mg/L	21454.67	0.024	12.405
	Zn	68	0.026036	mg/L	46806.41	0.053	7.129
	Ga	69	0.019189	mg/L	295168.32	0.346	4.411
>	Ge	72		mg/L	838174.03	838174.025	3.788
	As	75	0.005155	mg/L	12182.35	0.014	6.658
	Se	77	-0.019515	mg/L	12229.69	-0.002	63.045
	Se	82	0.020918	mg/L	4256.30	0.001	21.468
	Sr	88	0.961727	mg/L	25126168.71	7.846	5.643
>	Y	89		mg/L	3206867.11	3206867.106	4.391
	Mo	95	0.000258	mg/L	2172.28	0.000	28.968
	Mo	98	0.000067	mg/L	1549.59	-0.000	31.407
>	Rh	103		mg/L	2734384.16	2734384.159	4.140
	Ag	107	-0.000241	mg/L	1031.07	0.000	7.008
	Ag	109	-0.000221	mg/L	512.02	0.000	12.057
	Cd	111	-0.000295	mg/L	110.00	0.000	22.125
	Cd	114	-0.000265	mg/L	240.14	0.000	76.373
>	In	115		mg/L	3293172.88	3293172.882	6.773
	Sn	118	-0.000133	mg/L	1230.76	0.000	160.010
	Sn	120	-0.000189	mg/L	1574.73	-0.000	148.094
	Sb	121	-0.000030	mg/L	8452.35	-0.001	35.705
	Sb	123	0.000081	mg/L	6631.02	-0.001	37.012
	Ba	135	0.852520	mg/L	2209300.41	0.568	8.588

	Ba	137	0.855770	mg/L	3839403.65	0.987	5.649
>	Tb	159		mg/L	3888623.75	3888623.752	1.848
>	Ho	165		mg/L	3768992.46	3768992.460	4.157
	Hg	202	0.000038	mg/L	54.00	-0.000	14.961
	Tl	203	-0.000265	mg/L	530.35	-0.001	1.417
	Tl	205	-0.000273	mg/L	1304.77	-0.002	1.759
	Pb	208	-0.000348	mg/L	2819.87	0.000	8.573
	Bi	209	-0.000185	mg/L	908.05	0.000	47.936
	Th	232	0.000505	mg/L	15886.07	0.001	47.264
	U	238	-0.000242	mg/L	517.69	0.000	3.653

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-42
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:43:39
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-42.066
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 42

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	216798.40	216798.398	7.477
	Be	9	-0.000084	mg/L	15.33	-0.000	289.857
	B	11	0.035373	mg/L	15688.17	0.063	6.441
	Na	23	S	mg/L	S	S	S
	Mg	24	20.178440	mg/L	100005347.26	55.321	5.892
	Al	27	0.002441	mg/L	39771.89	0.014	9.280
	Si	28	19.278653	mg/L	76262512.23	42.300	12.899
	K	39	3.021405	mg/L	44238456.52	22.955	15.146
	Ca	44	19.106570	mg/L	7751614.01	4.233	8.674
>	Sc	45		mg/L	1813546.04	1813546.044	16.548
	Ti	47	0.002195	mg/L	5126.51	0.001	19.307
	V	51	-0.000781	mg/L	-82117.93	0.012	532.035
	Cr	52	0.000503	mg/L	79963.75	0.008	76.028
	Mn	55	3.102591	mg/L	70431659.76	39.202	12.822
	Fe	57	43.282302	mg/L	29327785.26	16.209	3.659
	Ni	58	0.455826	mg/L	4382692.77	4.614	11.830
	Co	59	-0.000150	mg/L	4852.35	0.005	5.031
	Ni	60	0.003762	mg/L	16973.15	0.018	5.047
	Ni	62	0.047409	mg/L	29461.82	0.030	9.806
	Cu	63	0.004582	mg/L	49357.29	0.051	8.229
	Cu	65	0.000491	mg/L	5391.33	0.005	10.060
	Zn	66	0.007580	mg/L	25510.13	0.025	9.654
	Zn	68	0.010647	mg/L	24679.78	0.024	5.205
	Ga	69	0.002988	mg/L	60249.68	0.057	2.555
>	Ge	72		mg/L	948038.12	948038.121	7.414
	As	75	0.000222	mg/L	-215.40	-0.001	271.152
	Se	77	-0.001220	mg/L	17235.17	0.002	72.978
	Se	82	0.001402	mg/L	381.38	0.000	22.185
	Sr	88	0.104740	mg/L	3570460.07	0.857	1.794
>	Y	89		mg/L	4170507.73	4170507.735	7.492
	Mo	95	-0.000057	mg/L	1111.41	-0.000	17.131
	Mo	98	-0.000029	mg/L	1160.43	-0.000	11.701
>	Rh	103		mg/L	3386861.45	3386861.455	5.715
	Ag	107	-0.000303	mg/L	483.68	0.000	52.857
	Ag	109	-0.000254	mg/L	241.34	-0.000	2.726
	Cd	111	-0.000308	mg/L	95.67	0.000	18.007
	Cd	114	-0.000275	mg/L	226.15	-0.000	274.207
>	In	115		mg/L	3863926.37	3863926.374	4.353
	Sn	118	-0.000172	mg/L	1083.41	-0.000	43.123
	Sn	120	-0.000222	mg/L	1446.17	-0.000	28.919
	Sb	121	-0.000507	mg/L	5289.93	-0.002	5.703
	Sb	123	-0.000408	mg/L	4075.06	-0.002	5.248
	Ba	135	0.119598	mg/L	353193.06	0.080	6.112

	Ba	137	0.118599	mg/L	606476.80	0.137	4.047
>	Tb	159		mg/L	4430003.83	4430003.834	4.245
>	Ho	165		mg/L	4320661.50	4320661.499	5.904
	Hg	202	0.000334	mg/L	64.00	-0.000	14.662
	Tl	203	-0.000275	mg/L	511.69	-0.001	1.099
	Tl	205	-0.000283	mg/L	1251.10	-0.002	0.815
	Pb	208	-0.000304	mg/L	4749.87	0.001	5.577
	Bi	209	-0.000202	mg/L	554.36	-0.000	10.274
	Th	232	0.000249	mg/L	8881.17	-0.001	21.555
	U	238	-0.000250	mg/L	282.01	0.000	7.568

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-43
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:48:44
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-43.067
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 43

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	254558.12	254558.119	4.098
	Be	9	0.007695	mg/L	2630.41	0.010	5.523
	B	11	0.012439	mg/L	7939.91	0.022	13.933
	Na	23	S	mg/L	S	S	S
	Mg	24	37.893094	mg/L	197756369.08	103.886	9.327
	Al	27	0.892536	mg/L	7226101.79	3.791	12.414
	Si	28	19.192740	mg/L	80484623.22	42.112	5.224
	K	39	1.474274	mg/L	24893764.95	11.326	1.950
	Ca	44	27.117519	mg/L	11586770.67	6.002	4.273
>	Sc	45		mg/L	1907135.45	1907135.449	3.678
	Ti	47	0.001968	mg/L	5138.84	0.001	18.784
	V	51	-0.007013	mg/L	-203908.22	-0.044	179.863
	Cr	52	-0.000154	mg/L	75056.86	0.003	100.052
	Mn	55	0.596538	mg/L	14406985.41	7.540	6.965
	Fe	57	0.108231	mg/L	124318.93	0.041	13.465
	Ni	58	0.290928	mg/L	2838820.85	2.947	4.733
	Co	59	0.176568	mg/L	3263955.33	3.411	8.335
	Ni	60	0.279200	mg/L	1141488.35	1.192	5.524
	Ni	62	0.314699	mg/L	192784.68	0.201	5.137
	Cu	63	0.007414	mg/L	76511.06	0.079	8.232
	Cu	65	0.005513	mg/L	28737.98	0.029	1.945
	Zn	66	0.353054	mg/L	937888.83	0.978	4.809
	Zn	68	0.346853	mg/L	649600.13	0.676	4.200
	Ga	69	0.006163	mg/L	115128.92	0.114	2.081
>	Ge	72		mg/L	957611.43	957611.431	2.210
	As	75	0.000068	mg/L	-699.32	-0.001	80.950
	Se	77	0.017050	mg/L	20955.67	0.006	6.912
	Se	82	0.000732	mg/L	272.23	0.000	12.931
	Sr	88	0.159525	mg/L	7150519.65	1.303	4.913
>	Y	89		mg/L	5487652.26	5487652.257	3.006
	Mo	95	-0.000094	mg/L	1194.42	-0.000	4.703
	Mo	98	0.000006	mg/L	1924.12	-0.000	8.303
>	Rh	103		mg/L	3419703.81	3419703.810	3.918
	Ag	107	-0.000315	mg/L	327.01	-0.000	20.866
	Ag	109	-0.000257	mg/L	195.34	-0.000	12.247
	Cd	111	0.000629	mg/L	3101.89	0.001	7.576
	Cd	114	0.000636	mg/L	7096.47	0.002	6.023
>	In	115		mg/L	3914496.13	3914496.127	1.399
	Sn	118	-0.000172	mg/L	1091.08	-0.000	30.883
	Sn	120	-0.000220	mg/L	1494.77	-0.000	18.966
	Sb	121	-0.000595	mg/L	4497.50	-0.002	3.495
	Sb	123	-0.000492	mg/L	3484.76	-0.002	3.052
	Ba	135	0.207592	mg/L	649914.34	0.138	5.537

	Ba	137	0.205112	mg/L	1111587.46	0.237	6.929
>	Tb	159		mg/L	4702321.01	4702321.008	3.990
>	Ho	165		mg/L	4579776.59	4579776.591	4.457
	Hg	202	0.001966	mg/L	76.33	-0.000	3.507
	Tl	203	-0.000257	mg/L	736.37	-0.001	3.702
	Tl	205	-0.000268	mg/L	1719.18	-0.002	3.028
	Pb	208	0.000506	mg/L	34288.76	0.007	1.718
	Bi	209	-0.000197	mg/L	740.37	-0.000	81.329
	Th	232	0.000141	mg/L	5176.89	-0.002	11.300
	U	238	-0.000083	mg/L	6846.32	0.001	9.284

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-44
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:53:50
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-44.068
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 44

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	227397.39	227397.388	6.002
	Be	9	-0.000112	mg/L	8.00	-0.000	28.689
	B	11	0.077406	mg/L	33442.83	0.138	5.979
	Na	23	23.935415	mg/L	175323016.30	99.569	5.832
	Mg	24	0.010768	mg/L	58399.45	0.032	4.069
	Al	27	0.199194	mg/L	1504366.18	0.849	6.691
	Si	28	3.327958	mg/L	13207027.58	7.414	11.861
	K	39	11.818071	mg/L	159592241.64	89.075	3.987
	Ca	44	172.982326	mg/L	67330475.32	38.212	2.726
>	Sc	45		mg/L	1758000.56	1758000.565	2.926
	Ti	47	-0.000168	mg/L	2287.31	-0.000	41.986
	V	51	0.029550	mg/L	390021.94	0.284	13.312
	Cr	52	0.011011	mg/L	223541.89	0.091	13.791
	Mn	55	0.000160	mg/L	13210.75	0.006	5.182
	Fe	57	0.603694	mg/L	441335.20	0.226	10.034
	Ni	58	0.003997	mg/L	59451.83	0.045	5.435
	Co	59	0.000094	mg/L	9099.67	0.010	7.352
	Ni	60	0.011761	mg/L	48040.25	0.052	13.441
	Ni	62	0.003816	mg/L	2899.49	0.003	9.240
	Cu	63	0.009997	mg/L	97388.12	0.104	4.646
	Cu	65	0.009349	mg/L	44865.93	0.048	6.858
	Zn	66	0.005627	mg/L	19948.10	0.020	3.588
	Zn	68	0.007034	mg/L	17596.21	0.017	3.789
	Ga	69	0.002941	mg/L	57968.11	0.056	3.810
>	Ge	72		mg/L	923276.18	923276.176	2.167
	As	75	0.000816	mg/L	1410.89	0.001	53.202
	Se	77	0.017845	mg/L	20334.62	0.006	24.650
	Se	82	0.003261	mg/L	925.33	0.000	3.205
	Sr	88	0.388154	mg/L	13923314.29	3.168	4.002
>	Y	89		mg/L	4392894.15	4392894.152	1.776
	Mo	95	0.015954	mg/L	92673.97	0.021	4.095
	Mo	98	0.015405	mg/L	146515.78	0.033	5.860
>	Rh	103		mg/L	3397379.47	3397379.473	3.122
	Ag	107	-0.000315	mg/L	329.68	-0.000	18.120
	Ag	109	-0.000254	mg/L	236.34	-0.000	9.025
	Cd	111	-0.000236	mg/L	326.01	0.000	6.808
	Cd	114	-0.000227	mg/L	583.79	0.000	19.469
>	In	115		mg/L	3890244.75	3890244.755	1.850
	Sn	118	-0.000109	mg/L	1672.17	0.000	35.442
	Sn	120	-0.000154	mg/L	2309.94	0.000	48.523
	Sb	121	-0.000347	mg/L	6913.70	-0.002	2.985
	Sb	123	-0.000249	mg/L	5329.28	-0.001	5.845
	Ba	135	0.056364	mg/L	174544.02	0.038	0.743

	Ba	137	0.057584	mg/L	308640.30	0.067	3.462
>	Tb	159		mg/L	4629959.52	4629959.516	2.240
>	Ho	165		mg/L	4417222.83	4417222.830	4.177
	Hg	202	0.127125	mg/L	716.70	0.000	3.386
	Tl	203	-0.000259	mg/L	687.03	-0.001	2.450
	Tl	205	-0.000269	mg/L	1642.83	-0.002	2.194
	Pb	208	0.072422	mg/L	2539700.17	0.575	1.951
	Bi	209	-0.000200	mg/L	631.70	-0.000	24.214
	Th	232	0.000184	mg/L	6622.17	-0.002	10.696
	U	238	-0.000255	mg/L	97.33	-0.000	7.001

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-17RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 14:59:54
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-17RE1.069
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.2
Diluted To Volume (mL): 10.00
Autosampler Position: 45

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	176379.82	176379.821	2.063
	Be	9	-0.004527	mg/L	11.33	-0.000	165.018
	B	11	1.910365	mg/L	13622.00	0.068	0.386
	Na	23	738.199000	mg/L	104760580.61	61.461	3.748
	Mg	24	128.951109	mg/L	12052354.73	7.073	5.558
	Al	27	4.462369	mg/L	664316.60	0.383	2.158
	Si	28	18.712939	mg/L	1816470.88	0.953	9.996
	K	39	6.357068	mg/L	4967557.40	1.200	16.068
	Ca	44	89.781111	mg/L	812564.90	0.411	5.245
>	Sc	45		mg/L	1702097.02	1702097.015	3.300
	Ti	47	-0.040464	mg/L	1499.81	-0.000	15.831
	V	51	0.205842	mg/L	-9228.40	0.056	11.488
	Cr	52	-0.136719	mg/L	32431.08	-0.017	5.426
	Mn	55	12.516821	mg/L	5385788.57	3.166	6.467
	Fe	57	251.467690	mg/L	3248450.29	1.884	3.002
	Ni	58	2.272459	mg/L	459540.10	0.465	13.544
	Co	59	0.007676	mg/L	10454.78	0.011	7.776
	Ni	60	-0.003146	mg/L	1474.80	0.001	6.700
	Ni	62	0.047994	mg/L	1255.77	0.001	6.913
	Cu	63	-0.009301	mg/L	4502.50	0.003	11.191
	Cu	65	-0.021619	mg/L	1166.09	0.001	9.564
	Zn	66	-0.059008	mg/L	2681.42	0.001	24.596
	Zn	68	-0.051650	mg/L	3240.28	0.001	19.714
	Ga	69	0.003068	mg/L	10896.98	0.005	4.694
>	Ge	72		mg/L	953778.00	953778.001	4.463
	As	75	0.018092	mg/L	149.68	-0.000	130.524
	Se	77	-4.273119	mg/L	1407.12	-0.015	0.907
	Se	82	0.031687	mg/L	199.65	0.000	26.611
	Sr	88	0.954792	mg/L	732887.97	0.158	3.245
>	Y	89		mg/L	4629404.90	4629404.899	4.348
	Mo	95	-0.006336	mg/L	812.38	-0.000	11.209
	Mo	98	-0.001759	mg/L	1221.16	-0.000	7.620
>	Rh	103		mg/L	3826928.98	3826928.975	2.786
	Ag	107	-0.016291	mg/L	210.00	-0.000	4.483
	Ag	109	-0.013312	mg/L	97.00	-0.000	1.842
	Cd	111	-0.015820	mg/L	76.67	-0.000	59.312
	Cd	114	-0.014366	mg/L	148.44	-0.000	29.212
>	In	115		mg/L	4312240.10	4312240.096	3.337
	Sn	118	-0.007552	mg/L	1439.51	-0.000	1340.009
	Sn	120	-0.013163	mg/L	1030.25	-0.000	8.393
	Sb	121	-0.047766	mg/L	1022.07	-0.003	1.540
	Sb	123	-0.042456	mg/L	781.49	-0.002	1.259
	Ba	135	0.848936	mg/L	56527.85	0.011	5.812

	Ba	137	0.847821	mg/L	97788.22	0.020	5.394
>	Tb	159		mg/L	4936219.87	4936219.873	3.134
>	Ho	165		mg/L	4857585.49	4857585.489	2.766
	Hg	202	-0.145046	mg/L	53.33	-0.000	8.422
	Tl	203	-0.013826	mg/L	554.36	-0.001	1.100
	Tl	205	-0.014275	mg/L	1329.78	-0.002	0.549
	Pb	208	-0.017144	mg/L	3840.36	0.001	5.128
	Bi	209	-0.010727	mg/L	203.34	-0.000	3.850
	Th	232	0.003420	mg/L	2514.38	-0.003	2.978
	U	238	-0.012713	mg/L	153.34	-0.000	4.686

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-42RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 15:05:00
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-42RE1.070
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.2
Diluted To Volume (mL): 10.00
Autosampler Position: 46

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	185529.54	185529.539	1.632
	Be	9	-0.005181	mg/L	8.67	-0.000	35.302
	B	11	1.332431	mg/L	10504.21	0.048	9.354
	Na	23	135.904565	mg/L	18583713.08	11.410	4.517
	Mg	24	23.930865	mg/L	2133840.85	1.314	9.126
	Al	27	4.041846	mg/L	575196.90	0.347	7.205
	Si	28	21.611431	mg/L	1939409.01	1.080	6.109
	K	39	1.998208	mg/L	3677140.01	0.545	21.213
	Ca	44	19.763063	mg/L	273244.64	0.101	10.082
>	Sc	45		mg/L	1621986.31	1621986.312	0.411
	Ti	47	-0.043132	mg/L	1373.12	-0.001	14.607
	V	51	0.226454	mg/L	-2652.46	0.060	6.875
	Cr	52	-0.141286	mg/L	29773.10	-0.018	6.173
	Mn	55	3.177562	mg/L	1311627.07	0.806	12.052
	Fe	57	46.572193	mg/L	605648.62	0.349	6.148
	Ni	58	0.422673	mg/L	101079.96	0.090	6.354
	Co	59	-0.019857	mg/L	343.34	0.000	10.510
	Ni	60	-0.012777	mg/L	673.37	0.001	8.207
	Ni	62	0.040735	mg/L	1134.08	0.001	14.073
	Cu	63	-0.019125	mg/L	2572.73	0.002	13.218
	Cu	65	-0.022408	mg/L	1059.41	0.000	16.885
	Zn	66	-0.060021	mg/L	2550.05	0.001	19.124
	Zn	68	-0.080294	mg/L	2114.27	-0.000	96.841
	Ga	69	-0.020264	mg/L	2867.15	-0.003	3.784
>	Ge	72		mg/L	924658.59	924658.587	4.298
	As	75	0.012468	mg/L	-173.70	-0.000	42.454
	Se	77	-4.324893	mg/L	1175.09	-0.015	0.240
	Se	82	0.011266	mg/L	75.56	0.000	227.758
	Sr	88	0.145001	mg/L	115424.04	0.026	3.993
>	Y	89		mg/L	4385576.39	4385576.390	5.363
	Mo	95	-0.008378	mg/L	534.69	-0.000	8.452
	Mo	98	-0.003672	mg/L	794.58	-0.001	7.883
>	Rh	103		mg/L	3719777.35	3719777.355	4.429
	Ag	107	-0.016305	mg/L	199.34	-0.000	7.322
	Ag	109	-0.013260	mg/L	108.00	-0.000	3.247
	Cd	111	-0.015912	mg/L	68.00	-0.000	20.300
	Cd	114	-0.014235	mg/L	166.67	-0.000	11.232
>	In	115		mg/L	4177592.51	4177592.511	0.231
	Sn	118	-0.010693	mg/L	746.37	-0.000	10.966
	Sn	120	-0.013238	mg/L	979.56	-0.000	5.368
	Sb	121	-0.048161	mg/L	907.72	-0.003	1.309
	Sb	123	-0.042789	mg/L	703.40	-0.002	1.177
	Ba	135	0.126041	mg/L	8704.59	0.002	8.104

	Ba	137	0.121907	mg/L	14632.88	0.003	9.056
>	Tb	159		mg/L	4752539.61	4752539.605	5.878
>	Ho	165		mg/L	4632563.95	4632563.946	3.117
	Hg	202	-0.122058	mg/L	53.33	-0.000	3.320
	Tl	203	-0.013539	mg/L	592.69	-0.001	0.506
	Tl	205	-0.014089	mg/L	1367.78	-0.002	1.136
	Pb	208	-0.017682	mg/L	3271.26	0.000	1.198
	Bi	209	-0.010729	mg/L	192.00	-0.000	1.036
	Th	232	0.002265	mg/L	1483.80	-0.003	0.864
	U	238	-0.012733	mg/L	131.00	-0.000	18.379

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 15:10:06
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\RINSE.071
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	198438.79	198438.786	0.780
	Be	9	-0.000108	mg/L	8.00	-0.000	31.509
	B	11	-0.000228	mg/L	1695.18	-0.000	82.995
	Na	23	0.001823	mg/L	304744.73	0.124	2.722
	Mg	24	-0.000483	mg/L	4204.76	0.001	88.151
	Al	27	-0.000951	mg/L	13685.90	0.000	11989.777
	Si	28	-0.030756	mg/L	325880.18	0.068	23.868
	K	39	-0.041258	mg/L	2953195.65	-0.066	62.042
	Ca	44	-0.230597	mg/L	53906.54	-0.037	4.682
>	Sc	45		mg/L	1783470.22	1783470.219	2.072
	Ti	47	-0.001175	mg/L	1144.42	-0.001	8.009
	V	51	0.004633	mg/L	-1269.75	0.061	3.979
	Cr	52	-0.002847	mg/L	32432.80	-0.018	3.755
	Mn	55	-0.000322	mg/L	2526.72	-0.001	38.528
	Fe	57	0.008798	mg/L	49626.29	0.003	23.466
	Ni	58	-0.000094	mg/L	23215.52	0.004	22.331
	Co	59	-0.000404	mg/L	249.34	0.000	1886.326
	Ni	60	-0.000380	mg/L	198.00	-0.000	68.172
	Ni	62	0.000410	mg/L	973.06	0.001	12.885
	Cu	63	-0.000414	mg/L	2490.03	0.001	5.278
	Cu	65	-0.000441	mg/L	1191.09	0.001	3.027
	Zn	66	-0.001452	mg/L	2086.59	0.000	22.526
	Zn	68	-0.001931	mg/L	1671.84	-0.001	12.951
	Ga	69	-0.000522	mg/L	1023.40	-0.005	1.469
>	Ge	72		mg/L	1007916.84	1007916.844	0.982
	As	75	0.000153	mg/L	-475.18	-0.001	8.285
	Se	77	-0.088448	mg/L	890.39	-0.015	0.319
	Se	82	0.000078	mg/L	38.70	-0.000	36.016
	Sr	88	-0.000296	mg/L	1399.12	-0.000	7252.260
>	Y	89		mg/L	4887613.33	4887613.333	0.146
	Mo	95	-0.000188	mg/L	467.68	-0.000	7.207
	Mo	98	-0.000089	mg/L	719.17	-0.001	5.326
>	Rh	103		mg/L	4025902.57	4025902.565	3.488
	Ag	107	-0.000324	mg/L	242.01	-0.000	1.796
	Ag	109	-0.000265	mg/L	114.67	-0.000	0.870
	Cd	111	-0.000319	mg/L	70.67	-0.000	50.848
	Cd	114	-0.000287	mg/L	156.77	-0.000	13.027
>	In	115		mg/L	4531635.49	4531635.488	2.588
	Sn	118	-0.000217	mg/L	779.37	-0.000	3.540
	Sn	120	-0.000257	mg/L	1168.59	-0.000	18.015
	Sb	121	-0.000968	mg/L	933.72	-0.003	1.044
	Sb	123	-0.000863	mg/L	694.69	-0.002	0.897
	Ba	135	-0.000178	mg/L	203.34	-0.000	40.521

	Ba	137	-0.000183	mg/L	334.89	0.000	877.892
>	Tb	159		mg/L	5123227.90	5123227.903	4.869
>	Ho	165		mg/L	4930882.50	4930882.502	2.302
	Hg	202	-0.004617	mg/L	44.33	-0.000	4.479
	Tl	203	-0.000271	mg/L	631.03	-0.001	0.704
	Tl	205	-0.000280	mg/L	1507.81	-0.002	0.884
	Pb	208	-0.000419	mg/L	951.36	-0.000	17.842
	Bi	209	-0.000216	mg/L	167.67	-0.000	0.788
	Th	232	0.000036	mg/L	1197.42	-0.003	0.382
	U	238	-0.000256	mg/L	66.33	-0.000	3.756

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 15:15:10
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCV4.072
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	239742.56	239742.561	0.796
	Be	9	0.046170	mg/L	14647.94	0.061	1.979
	B	11	0.051139	mg/L	24055.38	0.091	3.281
	Na	23	0.505549	mg/L	4160098.16	2.217	4.538
	Mg	24	0.450002	mg/L	2272102.81	1.236	10.917
	Al	27	0.221420	mg/L	1747119.03	0.943	3.708
	Si	28	-0.011994	mg/L	411388.95	0.109	22.392
	K	39	0.461158	mg/L	9987979.09	3.711	9.069
	Ca	44	0.265798	mg/L	256921.32	0.073	5.305
>	Sc	45		mg/L	1837908.55	1837908.548	3.428
	Ti	47	0.037885	mg/L	48164.31	0.025	6.455
	V	51	0.039972	mg/L	579682.94	0.377	20.931
	Cr	52	0.041647	mg/L	677789.14	0.333	2.018
	Mn	55	0.045587	mg/L	1068555.67	0.579	5.868
	Fe	57	0.177144	mg/L	166903.12	0.067	7.067
	Ni	58	0.050681	mg/L	522614.31	0.517	11.321
	Co	59	0.048546	mg/L	920385.83	0.944	8.272
	Ni	60	0.049350	mg/L	207280.16	0.212	4.466
	Ni	62	0.051082	mg/L	32535.87	0.033	0.542
	Cu	63	0.047584	mg/L	466510.16	0.476	2.037
	Cu	65	0.044527	mg/L	213651.16	0.218	6.331
	Zn	66	0.040752	mg/L	115578.40	0.117	7.377
	Zn	68	0.039999	mg/L	81018.67	0.081	6.668
	Ga	69	0.044566	mg/L	786974.47	0.799	0.886
>	Ge	72		mg/L	977837.99	977837.995	5.168
	As	75	0.039535	mg/L	115116.00	0.118	3.947
	Se	77	0.003682	mg/L	18761.20	0.003	39.880
	Se	82	0.037945	mg/L	11092.74	0.002	5.594
	Sr	88	0.039359	mg/L	1484687.64	0.323	2.136
>	Y	89		mg/L	4589269.25	4589269.254	3.671
	Mo	95	0.038625	mg/L	232156.21	0.050	1.681
	Mo	98	0.036438	mg/L	359581.07	0.078	6.738
>	Rh	103		mg/L	3653584.01	3653584.006	3.126
	Ag	107	0.021488	mg/L	301733.88	0.083	4.030
	Ag	109	0.021899	mg/L	291781.74	0.080	6.311
	Cd	111	0.040135	mg/L	138892.58	0.038	5.938
	Cd	114	0.038693	mg/L	314596.81	0.086	3.759
>	In	115		mg/L	4054491.17	4054491.167	4.168
	Sn	118	0.037795	mg/L	371786.14	0.091	2.231
	Sn	120	0.038656	mg/L	513637.64	0.126	4.499
	Sb	121	0.041072	mg/L	431554.59	0.103	5.815
	Sb	123	0.040871	mg/L	335095.05	0.080	7.105
	Ba	135	0.037049	mg/L	123097.77	0.025	7.680

	Ba	137	0.037087	mg/L	213384.28	0.043	7.961
>	Tb	159		mg/L	4969460.75	4969460.754	4.822
>	Ho	165		mg/L	4813350.34	4813350.344	1.384
	Hg	202	0.015711	mg/L	157.00	-0.000	102.079
	Tl	203	0.040813	mg/L	481303.02	0.099	4.432
	Tl	205	0.041146	mg/L	1173911.08	0.242	1.795
	Pb	208	0.043317	mg/L	1663167.06	0.345	1.757
	Bi	209	0.040886	mg/L	1346181.89	0.280	3.316
	Th	232	0.039044	mg/L	1594967.21	0.328	6.622
	U	238	0.040278	mg/L	1666156.26	0.346	3.218

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 15:20:15
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCB4.073
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	231466.71	231466.711	0.631
	Be	9	-0.000100	mg/L	12.00	-0.000	59.546
	B	11	-0.000028	mg/L	2061.26	0.000	6245.339
	Na	23	-0.007669	mg/L	250251.37	0.084	9.098
	Mg	24	-0.000671	mg/L	3494.37	0.000	22.104
	Al	27	-0.001014	mg/L	14087.75	-0.000	232.576
	Si	28	-0.061546	mg/L	219907.07	0.000	2811.628
	K	39	-0.051304	mg/L	3008772.21	-0.141	12.726
	Ca	44	-0.225280	mg/L	59751.54	-0.036	4.997
>	Sc	45		mg/L	1903575.91	1903575.911	1.845
	Ti	47	-0.000994	mg/L	1445.80	-0.001	11.067
	V	51	-0.001687	mg/L	-110245.26	0.004	1098.867
	Cr	52	-0.001702	mg/L	51777.98	-0.009	13.959
	Mn	55	-0.000305	mg/L	3097.23	-0.000	15.693
	Fe	57	0.008105	mg/L	52496.59	0.003	36.078
	Ni	58	0.000199	mg/L	25530.43	0.007	18.036
	Co	59	-0.000404	mg/L	239.34	-0.000	1557.249
	Ni	60	-0.000345	mg/L	340.68	0.000	11.220
	Ni	62	0.000256	mg/L	851.72	0.000	5.955
	Cu	63	-0.000498	mg/L	1604.49	0.000	11.539
	Cu	65	-0.000535	mg/L	713.04	0.000	46.407
	Zn	66	-0.001608	mg/L	1608.83	-0.000	316.297
	Zn	68	-0.001852	mg/L	1778.86	-0.001	21.226
	Ga	69	-0.000412	mg/L	2938.84	-0.003	6.626
>	Ge	72		mg/L	982042.31	982042.307	0.891
	As	75	-0.000043	mg/L	-1038.86	-0.001	24.365
	Se	77	-0.030775	mg/L	12142.23	-0.004	9.652
	Se	82	0.000309	mg/L	105.56	0.000	77.316
	Sr	88	-0.000298	mg/L	1246.43	-0.000	67.075
>	Y	89		mg/L	4685401.53	4685401.529	2.403
	Mo	95	0.000040	mg/L	1832.20	-0.000	118.877
	Mo	98	0.000124	mg/L	2824.69	-0.000	118.433
>	Rh	103		mg/L	3668638.92	3668638.918	3.727
	Ag	107	-0.000289	mg/L	707.37	0.000	122.204
	Ag	109	-0.000227	mg/L	606.03	0.000	140.369
	Cd	111	-0.000317	mg/L	71.33	-0.000	9.955
	Cd	114	-0.000285	mg/L	164.98	-0.000	10.502
>	In	115		mg/L	4120913.63	4120913.634	0.300
	Sn	118	-0.000139	mg/L	1481.14	0.000	243.977
	Sn	120	-0.000182	mg/L	2072.09	-0.000	446.004
	Sb	121	0.000168	mg/L	12689.36	-0.000	118.911
	Sb	123	0.000274	mg/L	9912.57	-0.000	131.779
	Ba	135	-0.000186	mg/L	170.67	-0.000	26.522

	Ba	137	-0.000186	mg/L	312.55	-0.000	146.310
>	Tb	159		mg/L	4984454.06	4984454.062	3.922
>	Ho	165		mg/L	4846517.44	4846517.438	4.853
	Hg	202	0.009269	mg/L	122.00	-0.000	11.267
	Tl	203	-0.000249	mg/L	879.72	-0.001	3.405
	Tl	205	-0.000258	mg/L	2099.60	-0.002	3.842
	Pb	208	-0.000416	mg/L	1036.37	-0.000	21.239
	Bi	209	-0.000148	mg/L	2418.03	0.000	46.679
	Th	232	0.000569	mg/L	23090.51	0.001	62.731
	U	238	-0.000250	mg/L	308.68	0.000	56.474

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 15:28:39
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCV4.074
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	239060.93	239060.933	1.480
	Be	9	0.047142	mg/L	14907.36	0.062	2.755
	B	11	0.053581	mg/L	25003.79	0.096	11.950
	Na	23	0.496037	mg/L	4353904.64	2.177	4.743
	Mg	24	0.486775	mg/L	2618031.79	1.337	4.630
	Al	27	0.246489	mg/L	2068893.47	1.050	11.542
	Si	28	-0.007847	mg/L	456137.97	0.118	9.428
	K	39	0.444073	mg/L	10381598.42	3.582	4.319
	Ca	44	0.252974	mg/L	268177.38	0.070	4.936
>	Sc	45		mg/L	1957533.27	1957533.275	2.058
	Ti	47	0.039781	mg/L	53755.71	0.026	2.053
	V	51	0.047039	mg/L	742138.30	0.441	17.931
	Cr	52	0.044274	mg/L	762279.25	0.353	3.650
	Mn	55	0.045026	mg/L	1124129.95	0.572	4.808
	Fe	57	0.179978	mg/L	180010.18	0.068	6.346
	Ni	58	0.053997	mg/L	563383.26	0.551	3.330
	Co	59	0.052254	mg/L	1003309.96	1.015	6.961
	Ni	60	0.051369	mg/L	218305.80	0.221	4.364
	Ni	62	0.051378	mg/L	33081.76	0.033	0.788
	Cu	63	0.048032	mg/L	476305.47	0.481	2.063
	Cu	65	0.045032	mg/L	218873.62	0.221	1.482
	Zn	66	0.042201	mg/L	121069.13	0.121	2.092
	Zn	68	0.040890	mg/L	83777.51	0.082	2.550
	Ga	69	0.044886	mg/L	801331.03	0.804	2.618
>	Ge	72		mg/L	988514.68	988514.684	0.945
	As	75	0.039492	mg/L	116380.49	0.117	1.847
	Se	77	0.015182	mg/L	21269.07	0.005	8.391
	Se	82	0.038050	mg/L	11400.32	0.002	5.558
	Sr	88	0.040003	mg/L	1545300.99	0.329	5.640
>	Y	89		mg/L	4703132.22	4703132.220	3.246
	Mo	95	0.038330	mg/L	236195.16	0.050	0.814
	Mo	98	0.036941	mg/L	373954.09	0.079	2.556
>	Rh	103		mg/L	3785198.47	3785198.466	3.724
	Ag	107	0.021800	mg/L	317277.63	0.084	0.108
	Ag	109	0.021468	mg/L	296431.55	0.078	4.688
	Cd	111	0.039286	mg/L	140833.62	0.037	6.216
	Cd	114	0.038529	mg/L	324285.96	0.086	5.970
>	In	115		mg/L	4229510.89	4229510.886	0.968
	Sn	118	0.038802	mg/L	398381.69	0.094	3.248
	Sn	120	0.039542	mg/L	548713.00	0.129	1.787
	Sb	121	0.040677	mg/L	446617.77	0.102	1.284
	Sb	123	0.040286	mg/L	345267.13	0.079	2.609
	Ba	135	0.038741	mg/L	130599.79	0.026	6.663

	Ba	137	0.038981	mg/L	227335.19	0.045	9.228
>	Tb	159		mg/L	5043859.73	5043859.735	5.735
>	Ho	165		mg/L	4988252.72	4988252.722	3.719
	Hg	202	0.014369	mg/L	155.00	-0.000	14.450
	Tl	203	0.043234	mg/L	527843.44	0.105	6.733
	Tl	205	0.041938	mg/L	1238385.32	0.246	6.643
	Pb	208	0.042680	mg/L	1698797.54	0.340	2.344
	Bi	209	0.041047	mg/L	1399902.42	0.281	2.982
	Th	232	0.041512	mg/L	1755450.99	0.349	7.178
	U	238	0.042419	mg/L	1815435.82	0.364	6.947

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 15:33:43
Sample File: C:\Elandata\Sample\110331A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCB4.075
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	229908.07	229908.075	1.192
	Be	9	-0.000111	mg/L	8.33	-0.000	38.495
	B	11	-0.000848	mg/L	1708.85	-0.001	43.681
	Na	23	-0.014070	mg/L	192266.55	0.058	2.189
	Mg	24	-0.000693	mg/L	3253.62	0.000	24.101
	Al	27	-0.000883	mg/L	14491.48	0.000	479.991
	Si	28	-0.058828	mg/L	221478.54	0.006	239.301
	K	39	-0.045748	mg/L	2964620.26	-0.099	111.114
	Ca	44	-0.212120	mg/L	62595.19	-0.033	10.535
>	Sc	45		mg/L	1833463.42	1833463.425	7.611
	Ti	47	-0.000884	mg/L	1524.48	-0.001	3.314
	V	51	-0.001121	mg/L	-95571.67	0.009	37.216
	Cr	52	-0.001122	mg/L	57932.48	-0.004	83.570
	Mn	55	-0.000285	mg/L	3428.36	-0.000	620.490
	Fe	57	0.010765	mg/L	52418.84	0.004	27.948
	Ni	58	0.000287	mg/L	26083.63	0.008	8.267
	Co	59	-0.000404	mg/L	239.67	0.000	914.374
	Ni	60	-0.000348	mg/L	324.34	0.000	8.320
	Ni	62	0.000150	mg/L	776.04	0.000	4.532
	Cu	63	-0.000511	mg/L	1468.47	0.000	13.202
	Cu	65	-0.000540	mg/L	682.37	0.000	117.286
	Zn	66	-0.001580	mg/L	1661.50	0.000	642.907
	Zn	68	-0.001743	mg/L	1959.57	-0.000	54.908
	Ga	69	-0.000388	mg/L	3311.64	-0.003	5.185
>	Ge	72		mg/L	970328.90	970328.895	2.472
	As	75	-0.000112	mg/L	-1219.94	-0.002	46.004
	Se	77	-0.023011	mg/L	13489.47	-0.002	28.785
	Se	82	0.000463	mg/L	148.22	0.000	38.497
	Sr	88	-0.000297	mg/L	1254.10	-0.000	217.455
>	Y	89		mg/L	4561857.41	4561857.410	3.722
	Mo	95	0.000050	mg/L	1841.54	-0.000	321.504
	Mo	98	0.000137	mg/L	2879.26	-0.000	237.197
>	Rh	103		mg/L	3739283.77	3739283.769	1.231
	Ag	107	-0.000288	mg/L	745.04	0.000	132.200
	Ag	109	-0.000232	mg/L	563.69	0.000	207.315
	Cd	111	-0.000319	mg/L	65.00	-0.000	48.727
	Cd	114	-0.000284	mg/L	171.21	-0.000	16.819
>	In	115		mg/L	4057082.76	4057082.762	5.511
	Sn	118	-0.000119	mg/L	1656.17	0.000	71.431
	Sn	120	-0.000167	mg/L	2244.13	0.000	157.106
	Sb	121	0.000227	mg/L	13101.31	-0.000	310.760
	Sb	123	0.000318	mg/L	10121.10	-0.000	214.744
	Ba	135	-0.000184	mg/L	175.00	-0.000	41.333

	Ba	137	-0.000184	mg/L	313.55	-0.000	824.928
>	Tb	159		mg/L	4875470.84	4875470.845	1.080
>	Ho	165		mg/L	4691152.97	4691152.969	5.454
	Hg	202	0.009563	mg/L	120.00	-0.000	33.983
	Tl	203	-0.000245	mg/L	892.39	-0.001	3.913
	Tl	205	-0.000252	mg/L	2210.63	-0.002	2.959
	Pb	208	-0.000416	mg/L	998.70	-0.000	35.178
	Bi	209	-0.000145	mg/L	2417.37	0.000	49.948
	Th	232	0.000691	mg/L	27247.65	0.003	32.960
	U	238	-0.000250	mg/L	336.68	0.000	18.340

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 15:41:48
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Blank.076
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	223406.69		
	Be	9		mg/L	6.33		
	B	11		mg/L	1439.80		
	Na	23		mg/L	181811.72		
	Mg	24		mg/L	2808.46		
	Al	27		mg/L	11386.91		
	Si	28		mg/L	203916.31		
	K	39		mg/L	2957498.69		
	Ca	44		mg/L	62216.81		
>	Sc	45		mg/L	1743198.46		
	Ti	47		mg/L	1368.78		
	V	51		mg/L	-91541.08		
	Cr	52		mg/L	53056.70		
	Mn	55		mg/L	2738.44		
	Fe	57		mg/L	47469.57		
	Ni	58		mg/L	24534.34		
	Co	59		mg/L	189.34		
	Ni	60		mg/L	276.34		
	Ni	62		mg/L	716.37		
	Cu	63		mg/L	1270.10		
	Cu	65		mg/L	594.36		
	Zn	66		mg/L	1476.80		
	Zn	68		mg/L	1711.18		
	Ga	69		mg/L	2793.79		
>	Ge	72		mg/L	950899.96		
	As	75		mg/L	-1360.54		
	Se	77		mg/L	13175.01		
	Se	82		mg/L	99.47		
	Sr	88		mg/L	1066.07		
>	Y	89		mg/L	4434797.96		
	Mo	95		mg/L	609.36		
	Mo	98		mg/L	882.79		
>	Rh	103		mg/L	3540997.02		
	Ag	107		mg/L	329.68		
	Ag	109		mg/L	219.34		
	Cd	111		mg/L	76.67		
	Cd	114		mg/L	142.62		
>	In	115		mg/L	3908851.41		
	Sn	118		mg/L	870.38		
	Sn	120		mg/L	1267.91		
	Sb	121		mg/L	4493.83		
	Sb	123		mg/L	3450.14		
	Ba	135		mg/L	164.00		

	Ba	137	mg/L	281.29
>	Tb	159	mg/L	4721087.14
>	Ho	165	mg/L	4519309.95
	Hg	202	mg/L	340.01
	Tl	203	mg/L	359.34
	Tl	205	mg/L	838.71
	Pb	208	mg/L	750.69
	Bi	209	mg/L	667.36
	Th	232	mg/L	5542.42
	U	238	mg/L	76.67

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 15:46:53
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Standard 1.077
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	225423.96	225423.956	2.038
	Be	9		mg/L	179.00	0.001	5.517
	B	11		mg/L	2366.00	0.004	19.441
	Na	23		mg/L	684414.71	0.274	3.765
	Mg	24		mg/L	7797.09	0.003	3.639
	Al	27		mg/L	19615.01	0.004	11.990
	Si	28		mg/L	506695.28	0.165	23.829
	K	39		mg/L	3830210.92	0.427	40.039
	Ca	44		mg/L	89220.58	0.014	19.294
>	Sc	45		mg/L	1808968.59	1808968.591	6.046
	Ti	47		mg/L	2124.94	0.000	3.269
	V	51		mg/L	-83226.41	0.005	723.323
	Cr	52		mg/L	63524.14	0.005	66.119
	Mn	55		mg/L	16770.31	0.008	8.685
	Fe	57		mg/L	52171.01	0.002	72.605
	Ni	58		mg/L	32849.31	0.009	20.463
	Co	59		mg/L	11623.89	0.012	2.441
	Ni	60		mg/L	3008.20	0.003	6.330
	Ni	62		mg/L	1081.41	0.000	12.174
	Cu	63		mg/L	11487.70	0.011	3.363
	Cu	65		mg/L	5413.00	0.005	5.643
	Zn	66		mg/L	5087.48	0.004	7.326
	Zn	68		mg/L	4305.73	0.003	5.919
	Ga	69		mg/L	12621.89	0.010	1.214
>	Ge	72		mg/L	949068.36	949068.359	2.598
	As	75		mg/L	-935.48	0.000	115.873
	Se	77		mg/L	14940.09	0.002	31.595
	Se	82		mg/L	210.96	0.000	7.814
	Sr	88		mg/L	19378.51	0.004	4.296
>	Y	89		mg/L	4382176.61	4382176.607	7.941
	Mo	95		mg/L	3148.91	0.001	4.733
	Mo	98		mg/L	5097.69	0.001	8.081
>	Rh	103		mg/L	3602605.21	3602605.215	0.088
	Ag	107		mg/L	6943.05	0.002	2.769
	Ag	109		mg/L	6512.73	0.002	3.978
	Cd	111		mg/L	1795.53	0.000	4.144
	Cd	114		mg/L	4220.88	0.001	1.742
>	In	115		mg/L	3972420.66	3972420.657	2.640
	Sn	118		mg/L	5488.04	0.001	2.374
	Sn	120		mg/L	7517.04	0.002	7.497
	Sb	121		mg/L	8352.59	0.001	13.822
	Sb	123		mg/L	6473.66	0.001	13.390
	Ba	135		mg/L	1801.86	0.000	3.942

	Ba	137	mg/L	3088.68	0.001	2.723
>	Tb	159	mg/L	4703468.37	4703468.371	3.356
>	Ho	165	mg/L	4596724.54	4596724.544	1.473
	Hg	202	mg/L	67.00	-0.000	4.078
	Tl	203	mg/L	6303.58	0.001	1.671
	Tl	205	mg/L	14970.13	0.003	1.710
	Pb	208	mg/L	22746.22	0.005	0.496
	Bi	209	mg/L	17247.19	0.004	2.743
	Th	232	mg/L	17623.25	0.003	3.381
	U	238	mg/L	20976.39	0.005	2.904

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 15:52:00
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Standard 2.078
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	230451.87	230451.871	1.060
	Be	9	0.001000	mg/L	377.01	0.002	5.062
	B	11	0.001000	mg/L	2503.04	0.004	12.847
	Na	23	0.100000	mg/L	1119232.26	0.520	4.807
	Mg	24	0.001000	mg/L	13075.22	0.006	7.900
	Al	27	0.001000	mg/L	30336.53	0.010	4.749
	Si	28	0.001000	mg/L	519734.05	0.173	8.677
	K	39	0.100000	mg/L	4941833.58	1.060	14.445
	Ca	44	0.100000	mg/L	122766.96	0.033	1.725
>	Sc	45		mg/L	1792828.65	1792828.653	0.427
	Ti	47	0.001000	mg/L	2656.75	0.001	2.941
	V	51	0.001000	mg/L	-106249.60	-0.007	786.892
	Cr	52	0.001000	mg/L	77964.12	0.013	9.287
	Mn	55	0.001000	mg/L	32398.49	0.016	7.934
	Fe	57	0.001000	mg/L	54327.10	0.003	17.677
	Ni	58	0.001000	mg/L	40131.48	0.016	10.557
	Co	59	0.001000	mg/L	24087.13	0.025	4.495
	Ni	60	0.001000	mg/L	6460.03	0.006	1.379
	Ni	62	0.001000	mg/L	1592.16	0.001	8.729
	Cu	63	0.001000	mg/L	16714.20	0.016	3.111
	Cu	65	0.001000	mg/L	7600.25	0.007	4.445
	Zn	66	0.001000	mg/L	12235.36	0.011	5.416
	Zn	68	0.001000	mg/L	9216.76	0.008	4.858
	Ga	69	0.001000	mg/L	23317.77	0.021	0.817
>	Ge	72		mg/L	970748.12	970748.122	1.698
	As	75	0.001000	mg/L	1390.92	0.003	26.145
	Se	77	0.001000	mg/L	15211.20	0.002	8.269
	Se	82	0.001000	mg/L	342.70	0.000	11.494
	Sr	88	0.001000	mg/L	39257.99	0.008	2.554
>	Y	89		mg/L	4496302.17	4496302.173	4.078
	Mo	95	0.001000	mg/L	5936.66	0.001	2.795
	Mo	98	0.001000	mg/L	9255.24	0.002	7.924
>	Rh	103		mg/L	3610635.74	3610635.739	2.327
	Ag	107	0.001000	mg/L	14158.16	0.004	2.495
	Ag	109	0.001000	mg/L	13338.92	0.004	4.344
	Cd	111	0.001000	mg/L	3647.10	0.001	5.668
	Cd	114	0.001000	mg/L	8107.76	0.002	3.832
>	In	115		mg/L	3981325.75	3981325.750	3.766
	Sn	118	0.001000	mg/L	10196.82	0.002	3.777
	Sn	120	0.001000	mg/L	14254.43	0.003	4.774
	Sb	121	0.001000	mg/L	13718.48	0.002	9.009
	Sb	123	0.001000	mg/L	10579.16	0.002	5.639
	Ba	135	0.001000	mg/L	3382.66	0.001	7.754

	Ba	137	0.001000	mg/L	5891.16	0.001	6.305
>	Tb	159		mg/L	4805542.91	4805542.907	4.440
>	Ho	165		mg/L	4609233.75	4609233.747	4.817
	Hg	202	0.000020	mg/L	59.67	-0.000	1.767
	Tl	203	0.001000	mg/L	12376.89	0.003	8.890
	Tl	205	0.001000	mg/L	30415.10	0.006	5.080
	Pb	208	0.001000	mg/L	48990.03	0.010	2.018
	Bi	209	0.001000	mg/L	33811.21	0.007	8.057
	Th	232	0.001000	mg/L	35015.35	0.006	8.517
	U	238	0.001000	mg/L	44239.84	0.010	6.260

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 15:57:06
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Standard 3.079
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	226613.68	226613.681	0.701
	Be	9	0.004996	mg/L	1683.84	0.007	0.807
	B	11	0.005020	mg/L	4663.58	0.014	9.331
	Na	23	0.500095	mg/L	4817318.49	2.556	0.437
	Mg	24	0.004970	mg/L	32817.21	0.017	9.884
	Al	27	0.004949	mg/L	58560.65	0.026	18.677
	Si	28	0.004728	mg/L	526577.39	0.175	27.277
	K	39	0.498547	mg/L	10900649.41	4.326	3.224
	Ca	44	0.498416	mg/L	296395.00	0.128	2.161
>	Sc	45		mg/L	1810988.94	1810988.945	4.209
	Ti	47	0.005001	mg/L	7361.39	0.003	7.830
	V	51	0.005135	mg/L	-44080.15	0.029	112.385
	Cr	52	0.004970	mg/L	133324.87	0.043	17.139
	Mn	55	0.004993	mg/L	133776.92	0.072	1.381
	Fe	57	0.004702	mg/L	55444.71	0.003	47.922
	Ni	58	0.004995	mg/L	82814.04	0.061	0.758
	Co	59	0.004996	mg/L	108581.02	0.114	7.713
	Ni	60	0.004989	mg/L	24923.49	0.026	7.883
	Ni	62	0.004991	mg/L	4427.12	0.004	2.527
	Cu	63	0.005002	mg/L	58122.99	0.060	3.909
	Cu	65	0.005004	mg/L	26351.77	0.027	3.844
	Zn	66	0.004840	mg/L	17141.65	0.016	2.865
	Zn	68	0.004838	mg/L	12497.38	0.011	5.120
	Ga	69	0.004996	mg/L	94340.70	0.096	4.393
>	Ge	72		mg/L	953020.30	953020.296	1.171
	As	75	0.004979	mg/L	11617.89	0.014	7.071
	Se	77	0.005040	mg/L	16687.47	0.004	6.169
	Se	82	0.005002	mg/L	1390.12	0.000	4.689
	Sr	88	0.004998	mg/L	178909.86	0.041	3.687
>	Y	89		mg/L	4387859.25	4387859.252	1.055
	Mo	95	0.005001	mg/L	27578.08	0.006	2.986
	Mo	98	0.005002	mg/L	43195.86	0.010	2.458
>	Rh	103		mg/L	3517388.10	3517388.100	2.180
	Ag	107	0.004998	mg/L	66333.22	0.019	1.025
	Ag	109	0.004998	mg/L	63173.03	0.018	2.150
	Cd	111	0.004997	mg/L	16508.48	0.005	5.113
	Cd	114	0.005000	mg/L	38002.23	0.011	5.165
>	In	115		mg/L	3904152.01	3904152.012	1.090
	Sn	118	0.004999	mg/L	45728.23	0.011	3.133
	Sn	120	0.004998	mg/L	63230.05	0.016	4.411
	Sb	121	0.004993	mg/L	47307.94	0.011	1.398
	Sb	123	0.004995	mg/L	37113.61	0.009	3.094
	Ba	135	0.005000	mg/L	15218.22	0.003	3.569

	Ba	137	0.004999	mg/L	26048.91	0.006	4.463
>	Tb	159		mg/L	4647419.04	4647419.043	2.395
>	Ho	165		mg/L	4518461.73	4518461.731	3.736
	Hg	202	0.000497	mg/L	49.00	-0.000	2.137
	Tl	203	0.004999	mg/L	58437.32	0.013	7.245
	Tl	205	0.004997	mg/L	139918.63	0.031	8.227
	Pb	208	0.004991	mg/L	203129.12	0.045	2.403
	Bi	209	0.005000	mg/L	164402.66	0.036	3.201
	Th	232	0.005002	mg/L	180348.62	0.039	3.797
	U	238	0.004997	mg/L	206819.08	0.046	7.089

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:02:13
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Standard 4.080
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	227193.05	227193.054	1.808
	Be	9	0.009995	mg/L	3344.65	0.015	1.634
	B	11	0.009902	mg/L	6985.75	0.024	3.237
	Na	23	0.994062	mg/L	8854282.74	4.909	4.235
	Mg	24	0.010108	mg/L	61974.90	0.034	3.251
	Al	27	0.010189	mg/L	107661.71	0.055	9.512
	Si	28	0.010599	mg/L	547649.76	0.194	20.393
	K	39	1.010224	mg/L	19157883.98	9.165	6.362
	Ca	44	1.003642	mg/L	518375.03	0.258	1.365
>	Sc	45		mg/L	1765213.69	1765213.693	2.395
	Ti	47	0.009982	mg/L	12742.72	0.006	3.136
	V	51	0.010367	mg/L	52032.29	0.082	13.271
	Cr	52	0.010144	mg/L	217332.08	0.093	13.382
	Mn	55	0.010015	mg/L	258192.26	0.145	2.426
	Fe	57	0.009841	mg/L	56096.56	0.005	41.966
	Ni	58	0.010098	mg/L	143374.87	0.126	4.437
	Co	59	0.010113	mg/L	229772.42	0.244	5.884
	Ni	60	0.010106	mg/L	51747.07	0.055	6.834
	Ni	62	0.010068	mg/L	8329.23	0.008	4.933
	Cu	63	0.010060	mg/L	112809.39	0.118	1.972
	Cu	65	0.010074	mg/L	51423.08	0.054	4.262
	Zn	66	0.010442	mg/L	36195.65	0.037	2.367
	Zn	68	0.010451	mg/L	25567.84	0.025	3.666
	Ga	69	0.010063	mg/L	189985.24	0.199	2.801
>	Ge	72		mg/L	942008.00	942007.998	1.459
	As	75	0.010005	mg/L	25004.23	0.028	2.470
	Se	77	0.009814	mg/L	18021.36	0.005	10.921
	Se	82	0.009971	mg/L	2651.99	0.001	4.911
	Sr	88	0.010007	mg/L	357154.76	0.081	1.878
>	Y	89		mg/L	4385222.76	4385222.757	2.207
	Mo	95	0.009981	mg/L	54028.31	0.012	3.387
	Mo	98	0.009972	mg/L	84001.31	0.019	6.743
>	Rh	103		mg/L	3497877.97	3497877.973	2.224
	Ag	107	0.010053	mg/L	136201.76	0.039	1.669
	Ag	109	0.010042	mg/L	128983.83	0.037	2.009
	Cd	111	0.010019	mg/L	33058.00	0.009	2.251
	Cd	114	0.009999	mg/L	75189.79	0.021	5.465
>	In	115		mg/L	3844678.87	3844678.865	1.759
	Sn	118	0.010052	mg/L	92115.69	0.024	3.340
	Sn	120	0.010075	mg/L	129288.06	0.033	5.935
	Sb	121	0.010248	mg/L	104883.86	0.026	4.259
	Sb	123	0.010213	mg/L	80398.75	0.020	2.567
	Ba	135	0.010025	mg/L	30262.92	0.007	2.502

	Ba	137	0.010031	mg/L	51979.48	0.011	4.224
>	Tb	159		mg/L	4593182.63	4593182.631	2.953
>	Ho	165		mg/L	4460115.64	4460115.644	3.618
	Hg	202	0.000830	mg/L	48.33	-0.000	2.481
	Tl	203	0.010022	mg/L	116648.86	0.026	3.906
	Tl	205	0.010052	mg/L	284342.95	0.064	6.429
	Pb	208	0.009980	mg/L	391183.55	0.088	2.472
	Bi	209	0.009966	mg/L	317232.00	0.071	1.539
	Th	232	0.010121	mg/L	386986.70	0.086	4.935
	U	238	0.010040	mg/L	417880.93	0.094	9.006

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:07:20
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\Standard 5.081
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	222310.28	222310.279	1.478
	Be	9	0.100018	mg/L	33475.87	0.151	2.464
	B	11	0.100016	mg/L	51681.88	0.226	9.212
	Na	23	10.002479	mg/L	89619503.36	50.972	3.925
	Mg	24	0.099992	mg/L	552300.17	0.313	2.085
	Al	27	0.100005	mg/L	911594.76	0.514	6.611
	Si	28	0.100024	mg/L	978979.87	0.442	10.213
	K	39	10.000000	mg/L	161937441.96	90.683	2.486
	Ca	44	9.996020	mg/L	4250888.76	2.388	0.863
>	Sc	45		mg/L	1753930.59	1753930.593	3.788
	Ti	47	0.100023	mg/L	117470.20	0.066	5.500
	V	51	0.100106	mg/L	1741737.45	1.047	11.538
	Cr	52	0.099974	mg/L	1573120.69	0.868	10.418
	Mn	55	0.100018	mg/L	2592274.55	1.477	1.201
	Fe	57	0.100282	mg/L	129929.14	0.047	2.033
	Ni	58	0.099996	mg/L	1169047.59	1.224	4.542
	Co	59	0.100018	mg/L	2334730.88	2.497	7.014
	Ni	60	0.099984	mg/L	491557.52	0.525	5.837
	Ni	62	0.099977	mg/L	73197.34	0.078	3.326
	Cu	63	0.099988	mg/L	1045611.97	1.117	2.985
	Cu	65	0.100013	mg/L	494477.17	0.528	6.152
	Zn	66	0.099952	mg/L	277935.14	0.296	2.859
	Zn	68	0.099970	mg/L	195825.41	0.208	1.694
	Ga	69	0.099996	mg/L	1836480.98	1.961	1.554
>	Ge	72		mg/L	935261.88	935261.884	1.151
	As	75	0.100000	mg/L	264611.11	0.284	2.848
	Se	77	0.099458	mg/L	33437.43	0.022	6.751
	Se	82	0.100004	mg/L	26265.14	0.006	1.518
	Sr	88	0.100013	mg/L	3659305.62	0.826	2.071
>	Y	89		mg/L	4425729.54	4425729.542	0.954
	Mo	95	0.099997	mg/L	539158.05	0.122	4.206
	Mo	98	0.099998	mg/L	838932.99	0.189	5.293
>	Rh	103		mg/L	3559159.45	3559159.448	1.426
	Ag	107	0.099978	mg/L	1334345.92	0.375	1.044
	Ag	109	0.099961	mg/L	1232664.52	0.346	1.515
	Cd	111	0.099985	mg/L	326608.89	0.092	3.952
	Cd	114	0.099988	mg/L	748343.15	0.210	4.089
>	In	115		mg/L	3912065.80	3912065.805	2.880
	Sn	118	0.099979	mg/L	898839.97	0.230	1.948
	Sn	120	0.099971	mg/L	1245560.69	0.318	2.561
	Sb	121	0.099958	mg/L	963614.07	0.245	0.607
	Sb	123	0.099956	mg/L	736816.12	0.187	2.619
	Ba	135	0.099989	mg/L	296843.88	0.064	2.386

	Ba	137	0.100004	mg/L	521217.19	0.113	5.086
>	Tb	159		mg/L	4620686.69	4620686.694	2.955
>	Ho	165		mg/L	4521385.21	4521385.211	4.293
	Hg	202	0.010266	mg/L	106.34	-0.000	1.346
	Tl	203	0.099992	mg/L	1161038.69	0.257	8.206
	Tl	205	0.100024	mg/L	2980249.82	0.661	10.044
	Pb	208	0.099985	mg/L	3831978.74	0.847	0.985
	Bi	209	0.100029	mg/L	3368613.24	0.745	2.472
	Th	232	0.100050	mg/L	4273942.56	0.945	4.566
	U	238	0.100029	mg/L	4429255.09	0.982	7.670

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:12:26
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-ICV1.082
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	225304.99	225304.989	0.213
	Be	9	0.039620	mg/L	13433.06	0.060	3.943
	B	11	0.041893	mg/L	23131.42	0.096	8.514
	Na	23	0.397761	mg/L	3871887.72	1.993	1.271
	Mg	24	0.403814	mg/L	2330959.01	1.260	5.875
	Al	27	0.185647	mg/L	1769567.18	0.952	1.067
	Si	28	-0.024117	mg/L	397390.27	0.098	11.007
	K	39	0.385829	mg/L	9593049.36	3.503	9.735
	Ca	44	0.382376	mg/L	251676.03	0.101	6.452
>	Sc	45		mg/L	1846006.80	1846006.799	1.282
	Ti	47	0.038849	mg/L	48944.51	0.026	4.831
	V	51	0.037569	mg/L	610591.46	0.383	11.547
	Cr	52	0.039359	mg/L	689943.89	0.344	7.226
	Mn	55	0.038425	mg/L	1049229.50	0.567	4.792
	Fe	57	0.135640	mg/L	166439.53	0.063	2.581
	Ni	58	0.042866	mg/L	517867.97	0.526	9.092
	Co	59	0.038872	mg/L	907817.24	0.968	7.789
	Ni	60	0.039659	mg/L	196483.93	0.209	1.461
	Ni	62	0.040223	mg/L	30099.20	0.031	3.811
	Cu	63	0.041317	mg/L	437864.01	0.465	1.828
	Cu	65	0.041054	mg/L	205099.60	0.218	3.210
	Zn	66	0.039704	mg/L	114487.62	0.120	6.903
	Zn	68	0.038340	mg/L	78360.78	0.082	4.376
	Ga	69	0.040480	mg/L	748944.59	0.794	0.972
>	Ge	72		mg/L	939518.65	939518.654	2.951
	As	75	0.041453	mg/L	109060.94	0.118	2.500
	Se	77	0.035884	mg/L	21825.39	0.009	6.714
	Se	82	0.041394	mg/L	10984.59	0.002	6.920
	Sr	88	0.038915	mg/L	1433904.28	0.321	2.540
>	Y	89		mg/L	4460637.71	4460637.715	3.931
	Mo	95	0.041264	mg/L	224629.85	0.050	1.003
	Mo	98	0.042232	mg/L	357549.52	0.080	3.254
>	Rh	103		mg/L	3654233.72	3654233.725	2.855
	Ag	107	0.021122	mg/L	290632.83	0.079	2.040
	Ag	109	0.021203	mg/L	270638.95	0.074	4.242
	Cd	111	0.039381	mg/L	132347.03	0.036	3.321
	Cd	114	0.040064	mg/L	308385.21	0.084	3.339
>	In	115		mg/L	4032939.74	4032939.743	3.192
	Sn	118	0.040134	mg/L	373029.07	0.092	0.352
	Sn	120	0.039512	mg/L	508879.41	0.126	3.921
	Sb	121	0.046723	mg/L	466238.56	0.115	5.285
	Sb	123	0.047216	mg/L	360470.72	0.089	4.161
	Ba	135	0.040751	mg/L	124236.39	0.026	7.529

	Ba	137	0.039563	mg/L	211644.00	0.045	6.223
>	Tb	159		mg/L	4739718.53	4739718.531	2.752
>	Ho	165		mg/L	4617444.20	4617444.198	0.613
	Hg	202	0.027331	mg/L	197.34	-0.000	12.374
	Tl	203	0.040818	mg/L	485595.72	0.105	2.668
	Tl	205	0.037538	mg/L	1142262.68	0.247	0.633
	Pb	208	0.040159	mg/L	1577625.53	0.341	2.725
	Bi	209	0.038914	mg/L	1336194.31	0.289	2.896
	Th	232	0.037865	mg/L	1640593.19	0.354	3.713
	U	238	0.035923	mg/L	1621885.50	0.351	0.471

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:17:30
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-ICB1.083
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	228292.85	228292.847	0.091
	Be	9	0.000064	mg/L	7.67	0.000	460.359
	B	11	-0.000587	mg/L	1744.85	0.001	35.786
	Na	23	0.001297	mg/L	140310.61	-0.029	4.018
	Mg	24	-0.000531	mg/L	3167.25	0.000	60.921
	Al	27	-0.000412	mg/L	13242.79	0.001	103.789
	Si	28	-0.055414	mg/L	238801.29	0.012	96.254
	K	39	-0.010098	mg/L	2988015.48	-0.088	69.366
	Ca	44	-0.052925	mg/L	60936.16	-0.003	42.721
>	Sc	45		mg/L	1858423.91	1858423.909	2.932
	Ti	47	0.000133	mg/L	1571.15	0.000	58.165
	V	51	0.001821	mg/L	-91977.28	0.003	390.302
	Cr	52	-0.000117	mg/L	59692.24	0.002	143.102
	Mn	55	0.000042	mg/L	3053.54	0.000	80.246
	Fe	57	-0.000885	mg/L	52274.78	0.001	118.415
	Ni	58	-0.000106	mg/L	26001.72	0.001	37.088
	Co	59	0.000180	mg/L	224.01	0.000	37.488
	Ni	60	-0.000155	mg/L	246.01	-0.000	50.743
	Ni	62	-0.000206	mg/L	681.70	-0.000	81.052
	Cu	63	-0.000481	mg/L	1236.10	-0.000	84.065
	Cu	65	-0.000305	mg/L	610.36	0.000	187.524
	Zn	66	-0.001718	mg/L	1509.47	0.000	320.500
	Zn	68	-0.001544	mg/L	1898.55	0.000	25.797
	Ga	69	0.000003	mg/L	3550.06	0.001	11.297
>	Ge	72		mg/L	960890.03	960890.032	1.619
	As	75	0.000172	mg/L	-1402.93	-0.000	2786.774
	Se	77	-0.009270	mg/L	13786.25	0.000	76.205
	Se	82	0.000291	mg/L	157.94	0.000	41.652
	Sr	88	0.000059	mg/L	1143.75	0.000	33.997
>	Y	89		mg/L	4518255.46	4518255.457	1.898
	Mo	95	0.000335	mg/L	2477.03	0.000	20.610
	Mo	98	0.000318	mg/L	3837.85	0.001	23.237
>	Rh	103		mg/L	3649425.81	3649425.806	0.927
	Ag	107	-0.000046	mg/L	984.40	0.000	48.671
	Ag	109	-0.000166	mg/L	796.71	0.000	53.825
	Cd	111	-0.000121	mg/L	69.33	-0.000	85.755
	Cd	114	-0.000104	mg/L	164.63	0.000	100.365
>	In	115		mg/L	3999719.55	3999719.550	0.281
	Sn	118	0.000044	mg/L	2129.94	0.000	17.717
	Sn	120	0.000004	mg/L	2838.96	0.000	7.110
	Sb	121	0.002283	mg/L	26793.78	0.006	15.037
	Sb	123	0.002282	mg/L	20810.19	0.004	15.869
	Ba	135	-0.000089	mg/L	154.67	-0.000	54.081

	Ba	137	0.000012	mg/L	308.23	0.000	50.251
>	Tb	159		mg/L	4758990.97	4758990.974	1.065
>	Ho	165		mg/L	4492228.64	4492228.639	2.831
	Hg	202	0.050923	mg/L	311.34	-0.000	44.083
	Tl	203	0.000008	mg/L	911.39	0.000	16.568
	Tl	205	0.000240	mg/L	2291.98	0.000	11.245
	Pb	208	-0.000231	mg/L	971.70	0.000	7.626
	Bi	209	0.000224	mg/L	2691.11	0.000	29.205
	Th	232	0.001262	mg/L	33560.53	0.006	10.566
	U	238	0.000213	mg/L	373.68	0.000	8.982

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:22:35
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-LCV1.084
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	227033.63	227033.626	1.504
	Be	9	0.001046	mg/L	343.68	0.001	6.684
	B	11	0.001275	mg/L	2680.42	0.005	15.699
	Na	23	0.109296	mg/L	1142323.89	0.522	3.783
	Mg	24	0.001557	mg/L	14976.48	0.007	3.550
	Al	27	0.001818	mg/L	33668.82	0.012	37.725
	Si	28	0.003883	mg/L	533500.75	0.176	14.899
	K	39	0.108704	mg/L	4896890.68	0.990	11.270
	Ca	44	0.088875	mg/L	121345.76	0.031	7.492
>	Sc	45		mg/L	1824487.63	1824487.626	3.024
	Ti	47	0.001085	mg/L	2691.43	0.001	10.859
	V	51	0.003076	mg/L	-66435.64	0.017	140.950
	Cr	52	0.001060	mg/L	77179.39	0.012	25.467
	Mn	55	0.001104	mg/L	31602.54	0.016	1.877
	Fe	57	0.000400	mg/L	52373.19	0.001	45.190
	Ni	58	0.001171	mg/L	40941.08	0.017	3.215
	Co	59	0.001202	mg/L	24736.61	0.026	6.502
	Ni	60	0.001060	mg/L	6357.96	0.006	7.343
	Ni	62	0.000995	mg/L	1573.15	0.001	8.095
	Cu	63	0.000944	mg/L	16427.35	0.016	4.070
	Cu	65	0.001068	mg/L	7545.21	0.007	4.111
	Zn	66	0.002194	mg/L	12417.93	0.011	1.630
	Zn	68	0.002312	mg/L	9452.01	0.008	4.194
	Ga	69	0.001042	mg/L	23080.51	0.021	3.830
>	Ge	72		mg/L	959249.45	959249.447	0.714
	As	75	0.001246	mg/L	1530.56	0.003	4.881
	Se	77	-0.002918	mg/L	14967.13	0.002	10.681
	Se	82	0.001078	mg/L	367.24	0.000	9.575
	Sr	88	0.001111	mg/L	40418.46	0.009	2.302
>	Y	89		mg/L	4514733.13	4514733.127	1.781
	Mo	95	0.001096	mg/L	6655.51	0.001	6.880
	Mo	98	0.001069	mg/L	10260.26	0.002	6.046
>	Rh	103		mg/L	3625248.84	3625248.842	1.654
	Ag	107	0.000930	mg/L	14233.62	0.004	3.107
	Ag	109	0.000820	mg/L	13142.63	0.004	2.283
	Cd	111	0.000905	mg/L	3476.37	0.001	4.215
	Cd	114	0.000941	mg/L	8115.80	0.002	5.431
>	In	115		mg/L	4004926.01	4004926.015	1.962
	Sn	118	0.000964	mg/L	10587.27	0.002	1.531
	Sn	120	0.000970	mg/L	15138.24	0.003	4.346
	Sb	121	0.001563	mg/L	19748.30	0.004	1.203
	Sb	123	0.001517	mg/L	15085.91	0.003	2.185
	Ba	135	0.000998	mg/L	3419.01	0.001	1.241

	Ba	137	0.001071	mg/L	5898.15	0.001	4.439
>	Tb	159		mg/L	4680468.02	4680468.017	1.566
>	Ho	165		mg/L	4564805.08	4564805.076	2.340
	Hg	202	0.001312	mg/L	61.33	-0.000	1.347
	Tl	203	0.001014	mg/L	12733.71	0.003	4.846
	Tl	205	0.001172	mg/L	30461.61	0.006	4.497
	Pb	208	0.000983	mg/L	47857.43	0.010	1.230
	Bi	209	0.001159	mg/L	34600.80	0.007	4.384
	Th	232	0.001515	mg/L	45025.60	0.009	9.096
	U	238	0.001165	mg/L	43078.69	0.009	5.719

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:27:42
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-LCV2.085
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	232751.56	232751.560	1.430
	Be	9	0.004974	mg/L	1729.52	0.007	1.989
	B	11	0.005250	mg/L	4815.99	0.014	5.040
	Na	23	0.518185	mg/L	4947956.32	2.607	1.765
	Mg	24	0.004877	mg/L	33844.35	0.017	4.125
	Al	27	0.005371	mg/L	66732.40	0.030	11.873
	Si	28	0.012179	mg/L	573399.95	0.199	19.444
	K	39	0.495542	mg/L	11249376.01	4.497	15.131
	Ca	44	0.495255	mg/L	297238.73	0.128	7.292
>	Sc	45		mg/L	1825728.02	1825728.019	7.286
	Ti	47	0.004866	mg/L	7267.99	0.003	4.216
	V	51	0.003762	mg/L	-48980.26	0.024	162.253
	Cr	52	0.005248	mg/L	142752.52	0.048	18.801
	Mn	55	0.005129	mg/L	139702.32	0.075	7.004
	Fe	57	0.005322	mg/L	56498.68	0.004	6.576
	Ni	58	0.004929	mg/L	85448.38	0.063	9.251
	Co	59	0.005005	mg/L	116681.28	0.121	1.173
	Ni	60	0.004996	mg/L	26337.72	0.027	1.171
	Ni	62	0.004989	mg/L	4568.86	0.004	2.068
	Cu	63	0.004880	mg/L	58746.81	0.060	2.397
	Cu	65	0.004944	mg/L	27271.16	0.028	6.286
	Zn	66	0.004003	mg/L	17562.47	0.017	6.417
	Zn	68	0.004075	mg/L	12988.74	0.012	2.397
	Ga	69	0.004927	mg/L	96756.82	0.097	1.135
>	Ge	72		mg/L	965360.76	965360.758	2.144
	As	75	0.004968	mg/L	11775.33	0.014	2.237
	Se	77	0.005020	mg/L	16560.91	0.003	23.558
	Se	82	0.005058	mg/L	1447.63	0.000	4.992
	Sr	88	0.004857	mg/L	182425.94	0.040	1.976
>	Y	89		mg/L	4570285.09	4570285.090	2.065
	Mo	95	0.004911	mg/L	27954.86	0.006	2.211
	Mo	98	0.004917	mg/L	43662.17	0.009	4.981
>	Rh	103		mg/L	3592759.19	3592759.191	0.765
	Ag	107	0.005001	mg/L	68862.90	0.019	2.327
	Ag	109	0.005050	mg/L	65556.05	0.018	4.444
	Cd	111	0.004923	mg/L	16680.13	0.005	2.918
	Cd	114	0.004955	mg/L	38348.50	0.011	0.993
>	In	115		mg/L	3991015.05	3991015.049	2.164
	Sn	118	0.004866	mg/L	46263.22	0.011	1.953
	Sn	120	0.004924	mg/L	65198.04	0.016	6.391
	Sb	121	0.004950	mg/L	52803.19	0.012	5.631
	Sb	123	0.004971	mg/L	40860.58	0.009	4.131
	Ba	135	0.004858	mg/L	15158.45	0.003	4.655

	Ba	137	0.004901	mg/L	26380.54	0.006	2.874
>	Tb	159		mg/L	4727530.34	4727530.343	1.637
>	Ho	165		mg/L	4637937.39	4637937.386	2.345
	Hg	202	0.000277	mg/L	57.00	-0.000	4.084
	Tl	203	0.004881	mg/L	59077.34	0.013	1.428
	Tl	205	0.004979	mg/L	147757.17	0.032	4.837
	Pb	208	0.004898	mg/L	201932.58	0.043	4.826
	Bi	209	0.004840	mg/L	162656.84	0.035	3.638
	Th	232	0.004728	mg/L	187444.66	0.039	4.722
	U	238	0.004868	mg/L	212523.57	0.046	4.810

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:32:48
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-SCV1.086
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	258714.17	258714.169	1.097
	Be	9	0.445593	mg/L	173605.91	0.671	3.839
	B	11	0.463352	mg/L	270342.82	1.039	8.477
	Na	23	4.994679	mg/L	47129032.42	25.435	0.101
	Mg	24	5.181572	mg/L	29789368.22	16.153	5.893
	Al	27	2.516829	mg/L	23756107.34	12.872	4.913
	Si	28	0.479745	mg/L	2973568.18	1.494	0.703
	K	39	4.992890	mg/L	86726701.53	45.279	5.531
	Ca	44	5.230760	mg/L	2381875.00	1.254	5.308
>	Sc	45		mg/L	1845386.62	1845386.620	2.201
	Ti	47	0.496882	mg/L	608759.28	0.329	3.888
	V	51	0.492579	mg/L	9518887.92	5.217	8.321
	Cr	52	0.525185	mg/L	8450599.93	4.550	3.023
	Mn	55	0.496734	mg/L	13551350.87	7.337	4.982
	Fe	57	1.686948	mg/L	1467115.71	0.768	2.056
	Ni	58	0.555260	mg/L	6373628.15	6.787	6.672
	Co	59	0.510855	mg/L	11947173.01	12.770	6.207
	Ni	60	0.508768	mg/L	2499794.70	2.670	3.406
	Ni	62	0.505605	mg/L	367511.78	0.392	2.987
	Cu	63	0.523567	mg/L	5455900.09	5.825	2.755
	Cu	65	0.513222	mg/L	2531661.69	2.704	3.547
	Zn	66	0.509155	mg/L	1391808.08	1.486	3.551
	Zn	68	0.497920	mg/L	956920.35	1.021	4.142
	Ga	69	0.526448	mg/L	9663588.24	10.319	1.114
>	Ge	72		mg/L	936321.23	936321.227	1.947
	As	75	0.506525	mg/L	1349266.90	1.442	0.687
	Se	77	0.525419	mg/L	111976.54	0.106	2.956
	Se	82	0.520291	mg/L	134139.16	0.031	5.802
	Sr	88	0.505858	mg/L	18226852.95	4.182	2.158
>	Y	89		mg/L	4359792.66	4359792.661	2.995
	Mo	95	0.518427	mg/L	2751612.25	0.631	0.472
	Mo	98	0.537780	mg/L	4439064.95	1.018	2.613
>	Rh	103		mg/L	3549640.14	3549640.140	2.706
	Ag	107	0.279815	mg/L	3720230.14	1.048	2.030
	Ag	109	0.282040	mg/L	3460626.11	0.976	5.097
	Cd	111	0.493160	mg/L	1603670.74	0.452	5.970
	Cd	114	0.517143	mg/L	3854636.19	1.087	3.829
>	In	115		mg/L	4006672.28	4006672.278	1.736
	Sn	118	0.511729	mg/L	4706037.69	1.174	2.020
	Sn	120	0.515968	mg/L	6573120.94	1.640	0.786
	Sb	121	0.549305	mg/L	5402338.06	1.348	2.773
	Sb	123	0.548881	mg/L	4126123.08	1.029	4.265
	Ba	135	0.494509	mg/L	1488358.05	0.317	5.962

	Ba	137	0.502086	mg/L	2653835.49	0.567	8.671
>	Tb	159		mg/L	4696910.84	4696910.841	5.033
>	Ho	165		mg/L	4588180.57	4588180.568	3.017
	Hg	202	0.045056	mg/L	287.67	-0.000	8.760
	Tl	203	0.529105	mg/L	6238019.66	1.361	5.995
	Tl	205	0.504530	mg/L	15302115.60	3.338	5.086
	Pb	208	0.524833	mg/L	20375884.52	4.439	2.757
	Bi	209	0.508126	mg/L	17380856.85	3.792	4.671
	Th	232	0.522130	mg/L	22715816.67	4.957	7.085
	U	238	0.503998	mg/L	22703193.32	4.954	6.166

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:37:52
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-HCV1.087
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	280480.21	280480.215	3.504
	Be	9	0.810084	mg/L	342141.83	1.220	2.643
	B	11	0.862190	mg/L	542959.14	1.931	3.942
	Na	23	9.594869	mg/L	91245993.61	48.893	3.897
	Mg	24	9.936742	mg/L	57657881.75	30.976	4.822
	Al	27	4.792298	mg/L	45541254.21	24.507	9.508
	Si	28	0.920014	mg/L	5251899.94	2.714	14.401
	K	39	9.753349	mg/L	167441560.62	88.447	10.265
	Ca	44	10.504188	mg/L	4737746.52	2.509	4.027
>	Sc	45		mg/L	1864562.51	1864562.514	5.754
	Ti	47	0.974305	mg/L	1203731.58	0.646	4.435
	V	51	0.881235	mg/L	17260864.63	9.346	10.933
	Cr	52	0.989476	mg/L	15948985.62	8.570	14.165
	Mn	55	1.010091	mg/L	27742573.98	14.920	7.516
	Fe	57	3.567914	mg/L	3076297.25	1.623	0.920
	Ni	58	1.111601	mg/L	12556101.25	13.585	6.790
	Co	59	1.015444	mg/L	23436020.14	25.387	1.701
	Ni	60	1.015157	mg/L	4919282.69	5.327	3.574
	Ni	62	1.014360	mg/L	725878.82	0.786	2.060
	Cu	63	1.080888	mg/L	11096515.04	12.021	3.553
	Cu	65	1.055580	mg/L	5131169.14	5.560	4.739
	Zn	66	1.067563	mg/L	2870973.55	3.109	3.033
	Zn	68	0.969604	mg/L	1833742.69	1.985	0.467
	Ga	69	1.044044	mg/L	18898479.35	20.465	2.250
>	Ge	72		mg/L	923144.03	923144.032	1.530
	As	75	1.070865	mg/L	2813653.08	3.050	3.092
	Se	77	1.090642	mg/L	213093.61	0.217	4.152
	Se	82	1.027007	mg/L	266161.03	0.061	4.563
	Sr	88	0.995647	mg/L	36066234.74	8.232	2.358
>	Y	89		mg/L	4382316.66	4382316.660	2.949
	Mo	95	1.062765	mg/L	5666306.34	1.294	3.513
	Mo	98	1.105988	mg/L	9173042.63	2.094	4.624
>	Rh	103		mg/L	3528745.18	3528745.184	0.568
	Ag	107	0.364552	mg/L	4818910.14	1.366	2.624
	Ag	109	0.372645	mg/L	4548267.73	1.289	2.513
	Cd	111	1.045765	mg/L	3383961.94	0.959	2.340
	Cd	114	1.056672	mg/L	7835734.16	2.220	5.139
>	In	115		mg/L	4002106.22	4002106.224	3.579
	Sn	118	1.028097	mg/L	9429718.97	2.359	4.771
	Sn	120	1.015047	mg/L	12897945.35	3.227	5.543
	Sb	121	1.133323	mg/L	11119160.53	2.780	4.758
	Sb	123	1.149521	mg/L	8625475.57	2.156	2.585
	Ba	135	0.989038	mg/L	3057854.87	0.635	2.413

	Ba	137	0.973119	mg/L	5287415.37	1.098	2.048
>	Tb	159		mg/L	4815399.62	4815399.619	1.434
>	Ho	165		mg/L	4730467.61	4730467.608	2.611
	Hg	202	0.078684	mg/L	475.68	0.000	7.198
	Tl	203	1.004034	mg/L	12212141.43	2.583	2.649
	Tl	205	0.945845	mg/L	29570627.24	6.259	7.744
	Pb	208	1.040662	mg/L	41601338.64	8.799	3.505
	Bi	209	0.987982	mg/L	34879670.11	7.373	0.327
	Th	232	1.029429	mg/L	46233688.56	9.778	3.229
	U	238	0.985962	mg/L	45784931.79	9.694	9.114

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:42:58
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-IFA1.088
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	239781.61	239781.612	3.009
	Be	9	0.000126	mg/L	30.33	0.000	28.756
	B	11	0.010992	mg/L	7995.43	0.027	37.103
	Na	23	27.577944	mg/L	259192828.79	140.597	4.650
	Mg	24	11.195445	mg/L	64266450.06	34.900	9.995
	Al	27	10.855455	mg/L	102246035.42	55.509	9.861
	Si	28	0.004251	mg/L	541780.91	0.177	4.818
	K	39	11.577607	mg/L	196697065.72	104.989	2.972
	Ca	44	35.121382	mg/L	15494262.26	8.367	3.872
>	Sc	45		mg/L	1843495.15	1843495.147	2.440
	Ti	47	0.258403	mg/L	316950.56	0.171	3.547
	V	51	0.001511	mg/L	-97552.97	-0.000	53612.104
	Cr	52	-0.000392	mg/L	54883.10	-0.001	210.914
	Mn	55	0.000922	mg/L	26968.27	0.013	4.810
	Fe	57	19.542051	mg/L	16413249.27	8.883	4.879
	Ni	58	0.206582	mg/L	2427470.30	2.527	8.188
	Co	59	0.000705	mg/L	12724.72	0.013	7.611
	Ni	60	0.002098	mg/L	11492.04	0.012	2.599
	Ni	62	0.002945	mg/L	2998.53	0.002	7.147
	Cu	63	0.001054	mg/L	17465.29	0.017	3.991
	Cu	65	0.000974	mg/L	7014.44	0.007	2.964
	Zn	66	-0.000315	mg/L	5376.31	0.004	4.994
	Zn	68	-0.000730	mg/L	3462.03	0.002	10.079
	Ga	69	0.000046	mg/L	4323.07	0.002	3.207
>	Ge	72		mg/L	951726.66	951726.663	1.553
	As	75	0.000967	mg/L	761.24	0.002	30.854
	Se	77	-0.015172	mg/L	12549.12	-0.001	55.665
	Se	82	0.001782	mg/L	542.99	0.000	25.857
	Sr	88	0.000448	mg/L	15323.39	0.003	2.492
>	Y	89		mg/L	4423548.22	4423548.219	2.179
	Mo	95	0.235820	mg/L	1270391.34	0.287	1.396
	Mo	98	0.242224	mg/L	2029624.22	0.459	4.425
>	Rh	103		mg/L	3459789.60	3459789.602	1.993
	Ag	107	0.000169	mg/L	3688.56	0.001	54.311
	Ag	109	0.000057	mg/L	3401.45	0.001	58.005
	Cd	111	0.000965	mg/L	3506.05	0.001	10.251
	Cd	114	0.000709	mg/L	6057.92	0.002	9.979
>	In	115		mg/L	3928607.03	3928607.025	0.890
	Sn	118	0.000999	mg/L	10704.55	0.003	19.471
	Sn	120	0.000981	mg/L	15001.79	0.003	18.139
	Sb	121	0.016985	mg/L	168036.23	0.042	16.320
	Sb	123	0.017133	mg/L	129856.75	0.032	16.702
	Ba	135	0.000083	mg/L	695.37	0.000	7.774

	Ba	137	0.000177	mg/L	1216.90	0.000	11.376
>	Tb	159		mg/L	4872408.49	4872408.486	3.389
>	Ho	165		mg/L	4737434.55	4737434.551	1.423
	Hg	202	0.003197	mg/L	73.67	-0.000	0.239
	Tl	203	0.000560	mg/L	7682.76	0.002	23.488
	Tl	205	0.000775	mg/L	19184.54	0.004	19.550
	Pb	208	-0.000091	mg/L	6656.70	0.001	13.408
	Bi	209	0.000705	mg/L	19842.78	0.004	40.885
	Th	232	0.002115	mg/L	73713.62	0.014	29.491
	U	238	0.000267	mg/L	2882.84	0.001	24.256

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:48:04
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-IFB1.089
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	255911.04	255911.040	0.937
	Be	9	0.000112	mg/L	27.33	0.000	13.444
	B	11	0.002890	mg/L	3943.57	0.009	19.979
	Na	23	27.829637	mg/L	271500518.33	141.881	3.438
	Mg	24	11.354040	mg/L	67638613.69	35.394	4.172
	Al	27	11.179666	mg/L	109167418.75	57.167	10.467
	Si	28	0.010435	mg/L	594315.05	0.194	14.204
	K	39	11.145704	mg/L	196502702.71	101.072	2.054
	Ca	44	33.858154	mg/L	15493022.54	8.066	2.599
>	Sc	45		mg/L	1911767.81	1911767.814	1.809
	Ti	47	0.268149	mg/L	341131.41	0.178	3.274
	V	51	0.236739	mg/L	4672616.21	2.499	9.380
	Cr	52	0.239036	mg/L	4016620.81	2.072	7.736
	Mn	55	0.223385	mg/L	6311425.54	3.299	2.540
	Fe	57	19.161556	mg/L	16710008.71	8.710	3.049
	Ni	58	0.441989	mg/L	5196854.19	5.403	5.519
	Co	59	0.235032	mg/L	5622286.14	5.873	6.028
	Ni	60	0.223098	mg/L	1121788.99	1.171	4.337
	Ni	62	0.221294	mg/L	164931.20	0.171	0.358
	Cu	63	0.231846	mg/L	2474677.21	2.583	3.353
	Cu	65	0.213134	mg/L	1077036.44	1.124	1.387
	Zn	66	0.111697	mg/L	317312.21	0.330	1.807
	Zn	68	0.105422	mg/L	211167.17	0.219	2.953
	Ga	69	0.000040	mg/L	4236.36	0.001	12.004
>	Ge	72		mg/L	957673.23	957673.232	1.251
	As	75	0.113763	mg/L	308494.59	0.324	1.206
	Se	77	0.097629	mg/L	33901.13	0.022	4.132
	Se	82	0.113558	mg/L	30340.86	0.007	1.728
	Sr	88	0.000433	mg/L	15073.99	0.003	4.415
>	Y	89		mg/L	4504005.08	4504005.079	0.377
	Mo	95	0.224569	mg/L	1231598.29	0.273	3.293
	Mo	98	0.225616	mg/L	1925362.40	0.427	2.501
>	Rh	103		mg/L	3495167.72	3495167.718	3.647
	Ag	107	0.059079	mg/L	774713.85	0.222	1.352
	Ag	109	0.060582	mg/L	733989.36	0.210	4.436
	Cd	111	0.114399	mg/L	366483.63	0.105	6.126
	Cd	114	0.114944	mg/L	843394.19	0.242	7.404
>	In	115		mg/L	3998796.26	3998796.264	0.436
	Sn	118	0.000241	mg/L	3938.56	0.001	7.558
	Sn	120	0.000220	mg/L	5583.88	0.001	4.303
	Sb	121	0.004481	mg/L	48349.22	0.011	4.614
	Sb	123	0.004467	mg/L	37189.50	0.008	5.260
	Ba	135	0.000063	mg/L	622.03	0.000	3.219

	Ba	137	0.000151	mg/L	1060.18	0.000	6.542
>	Tb	159		mg/L	4794498.00	4794498.001	3.515
>	Ho	165		mg/L	4744220.32	4744220.320	3.645
	Hg	202	0.005284	mg/L	85.00	-0.000	1.520
	Tl	203	0.000156	mg/L	2772.12	0.001	3.409
	Tl	205	0.000373	mg/L	6577.44	0.001	5.672
	Pb	208	-0.000133	mg/L	4952.58	0.001	0.796
	Bi	209	0.000262	mg/L	4214.69	0.001	9.798
	Th	232	0.000979	mg/L	22681.23	0.004	3.871
	U	238	0.000221	mg/L	737.70	0.000	3.197

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:53:10
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-ICV2.090
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	252600.15	252600.152	0.416
	Be	9	0.038572	mg/L	14661.63	0.058	2.957
	B	11	0.040066	mg/L	24900.06	0.092	6.784
	Na	23	0.400900	mg/L	4021263.32	2.009	2.857
	Mg	24	0.414626	mg/L	2466737.71	1.294	8.986
	Al	27	0.191335	mg/L	1879570.59	0.981	5.180
	Si	28	-0.022670	mg/L	417277.35	0.102	9.268
	K	39	0.393455	mg/L	10020299.14	3.572	9.749
	Ca	44	0.391412	mg/L	263523.10	0.103	5.901
>	Sc	45		mg/L	1902624.85	1902624.852	0.895
	Ti	47	0.040544	mg/L	52575.30	0.027	3.619
	V	51	0.040718	mg/L	693166.79	0.416	16.004
	Cr	52	0.040266	mg/L	726322.57	0.351	4.133
	Mn	55	0.040460	mg/L	1138738.37	0.597	5.896
	Fe	57	0.151084	mg/L	184891.50	0.070	1.905
	Ni	58	0.046047	mg/L	567447.11	0.565	8.843
	Co	59	0.041152	mg/L	983925.85	1.025	8.103
	Ni	60	0.042338	mg/L	214460.50	0.223	4.031
	Ni	62	0.042863	mg/L	32745.58	0.033	1.553
	Cu	63	0.042953	mg/L	465453.79	0.483	1.178
	Cu	65	0.042532	mg/L	217285.90	0.226	4.466
	Zn	66	0.039889	mg/L	117703.45	0.121	6.360
	Zn	68	0.038884	mg/L	81255.78	0.083	4.345
	Ga	69	0.040726	mg/L	770777.05	0.799	0.765
>	Ge	72		mg/L	961290.39	961290.394	2.474
	As	75	0.042020	mg/L	113184.15	0.119	0.604
	Se	77	0.013347	mg/L	18070.12	0.005	8.922
	Se	82	0.041735	mg/L	11282.66	0.002	4.495
	Sr	88	0.038754	mg/L	1453281.80	0.320	1.504
>	Y	89		mg/L	4539357.92	4539357.920	2.141
	Mo	95	0.041408	mg/L	229441.55	0.050	0.946
	Mo	98	0.042375	mg/L	365271.24	0.080	2.571
>	Rh	103		mg/L	3735493.12	3735493.124	2.969
	Ag	107	0.021184	mg/L	297806.19	0.080	3.535
	Ag	109	0.021118	mg/L	275329.51	0.074	6.379
	Cd	111	0.038615	mg/L	132565.19	0.036	6.262
	Cd	114	0.039169	mg/L	308159.96	0.083	3.282
>	In	115		mg/L	4134546.31	4134546.305	3.102
	Sn	118	0.039219	mg/L	373831.12	0.090	1.242
	Sn	120	0.039200	mg/L	517499.64	0.125	5.043
	Sb	121	0.042656	mg/L	436599.09	0.105	6.814
	Sb	123	0.043087	mg/L	337446.75	0.081	6.341
	Ba	135	0.039283	mg/L	123694.28	0.025	6.545

	Ba	137	0.038545	mg/L	212927.14	0.043	5.399
>	Tb	159		mg/L	4895363.93	4895363.926	3.434
>	Ho	165		mg/L	4808471.01	4808471.013	2.408
	Hg	202	0.025642	mg/L	195.67	-0.000	22.985
	Tl	203	0.040210	mg/L	497532.10	0.104	9.518
	Tl	205	0.036677	mg/L	1161275.24	0.241	5.743
	Pb	208	0.039009	mg/L	1596109.85	0.332	0.505
	Bi	209	0.038206	mg/L	1364831.16	0.284	5.766
	Th	232	0.036446	mg/L	1641880.72	0.341	7.291
	U	238	0.035624	mg/L	1673758.05	0.348	4.108

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 16:58:15
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\RINSE.091
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	187085.60	187085.603	2.258
	Be	9	0.000081	mg/L	11.00	0.000	4.309
	B	11	0.000939	mg/L	2069.92	0.005	13.091
	Na	23	0.000771	mg/L	123603.19	-0.032	11.920
	Mg	24	-0.000467	mg/L	3229.61	0.000	76.759
	Al	27	-0.000291	mg/L	13142.66	0.001	60.568
	Si	28	-0.035280	mg/L	312344.19	0.067	31.215
	K	39	0.002647	mg/L	2924411.30	0.028	306.462
	Ca	44	-0.044712	mg/L	58959.58	-0.001	198.697
>	Sc	45		mg/L	1697742.84	1697742.842	3.530
	Ti	47	0.000145	mg/L	1450.13	0.000	53.831
	V	51	0.006290	mg/L	-3346.78	0.051	15.231
	Cr	52	-0.001486	mg/L	34430.59	-0.010	18.160
	Mn	55	0.000024	mg/L	2331.32	-0.000	72.076
	Fe	57	0.002712	mg/L	50531.22	0.003	30.444
	Ni	58	-0.000406	mg/L	22814.83	-0.002	66.873
	Co	59	0.000185	mg/L	349.68	0.000	20.943
	Ni	60	-0.000164	mg/L	205.34	-0.000	18.240
	Ni	62	-0.000270	mg/L	645.70	-0.000	62.653
	Cu	63	-0.000395	mg/L	2181.62	0.001	6.684
	Cu	65	-0.000221	mg/L	1050.40	0.000	8.206
	Zn	66	-0.001613	mg/L	1830.87	0.000	27.796
	Zn	68	-0.001616	mg/L	1785.86	0.000	166.516
	Ga	69	-0.000086	mg/L	1897.89	-0.001	22.733
>	Ge	72		mg/L	976736.38	976736.384	4.077
	As	75	0.000620	mg/L	-189.69	0.001	19.222
	Se	77	-0.075120	mg/L	1353.78	-0.012	0.506
	Se	82	0.000012	mg/L	86.21	-0.000	236.261
	Sr	88	0.000062	mg/L	1329.44	0.000	55.107
>	Y	89		mg/L	4750522.60	4750522.602	4.881
	Mo	95	0.000757	mg/L	5015.79	0.001	24.140
	Mo	98	0.000749	mg/L	7862.40	0.001	28.138
>	Rh	103		mg/L	3973390.44	3973390.438	2.519
	Ag	107	-0.000031	mg/L	1284.44	0.000	23.446
	Ag	109	-0.000151	mg/L	1066.07	0.000	25.602
	Cd	111	-0.000116	mg/L	92.00	0.000	66.225
	Cd	114	-0.000102	mg/L	193.53	0.000	64.718
>	In	115		mg/L	4322834.99	4322834.989	3.259
	Sn	118	0.000076	mg/L	2623.07	0.000	8.732
	Sn	120	0.000041	mg/L	3582.60	0.001	1.491
	Sb	121	0.001361	mg/L	19148.01	0.003	6.508
	Sb	123	0.001324	mg/L	14718.70	0.003	7.144
	Ba	135	-0.000082	mg/L	188.34	0.000	104.641

	Ba	137	0.000014	mg/L	337.51	0.000	43.529
>	Tb	159		mg/L	5086557.18	5086557.180	1.793
>	Ho	165		mg/L	4822894.89	4822894.891	3.052
	Hg	202	-0.002354	mg/L	44.67	-0.000	3.084
	Tl	203	0.000092	mg/L	2017.91	0.000	13.408
	Tl	205	0.000314	mg/L	4817.67	0.001	15.291
	Pb	208	-0.000224	mg/L	1334.72	0.000	32.399
	Bi	209	0.000205	mg/L	2229.63	0.000	17.178
	Th	232	0.000843	mg/L	16837.22	0.002	16.357
	U	238	0.000213	mg/L	385.01	0.000	9.012

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:03:19
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCV1.092
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	247708.50	247708.500	1.726
	Be	9	0.038192	mg/L	14239.97	0.057	2.791
	B	11	0.039287	mg/L	23990.88	0.090	1.693
	Na	23	0.404269	mg/L	4149077.39	2.026	6.130
	Mg	24	0.411151	mg/L	2502050.45	1.283	6.033
	Al	27	0.183986	mg/L	1848888.57	0.943	3.766
	Si	28	-0.025556	mg/L	410597.98	0.094	18.999
	K	39	0.362920	mg/L	9698645.12	3.295	11.356
	Ca	44	0.374491	mg/L	261494.21	0.099	6.564
>	Sc	45		mg/L	1945899.96	1945899.958	3.120
	Ti	47	0.039311	mg/L	52196.56	0.026	2.419
	V	51	0.038961	mg/L	672925.25	0.398	9.879
	Cr	52	0.037479	mg/L	695273.49	0.327	5.884
	Mn	55	0.038240	mg/L	1100758.26	0.564	2.702
	Fe	57	0.135500	mg/L	175462.29	0.063	5.384
	Ni	58	0.044145	mg/L	541638.52	0.542	10.475
	Co	59	0.039655	mg/L	943044.94	0.987	4.583
	Ni	60	0.041544	mg/L	209606.74	0.219	4.066
	Ni	62	0.041828	mg/L	31818.39	0.033	3.054
	Cu	63	0.042999	mg/L	463125.59	0.483	2.220
	Cu	65	0.043010	mg/L	218359.21	0.228	6.545
	Zn	66	0.040695	mg/L	119286.17	0.123	5.116
	Zn	68	0.039413	mg/L	81871.89	0.084	1.936
	Ga	69	0.041264	mg/L	777060.81	0.809	1.553
>	Ge	72		mg/L	956127.98	956127.978	3.454
	As	75	0.042066	mg/L	112668.84	0.119	1.726
	Se	77	0.016107	mg/L	18480.31	0.005	21.885
	Se	82	0.041385	mg/L	11257.58	0.002	4.954
	Sr	88	0.038857	mg/L	1466759.46	0.321	0.704
>	Y	89		mg/L	4569210.18	4569210.184	3.172
	Mo	95	0.040663	mg/L	226613.70	0.049	3.553
	Mo	98	0.041941	mg/L	363562.69	0.079	6.511
>	Rh	103		mg/L	3696335.50	3696335.501	1.067
	Ag	107	0.021603	mg/L	300608.04	0.081	4.036
	Ag	109	0.022033	mg/L	284385.87	0.077	4.203
	Cd	111	0.040545	mg/L	137860.21	0.037	2.071
	Cd	114	0.040809	mg/L	317904.34	0.086	1.760
>	In	115		mg/L	4182404.89	4182404.890	4.334
	Sn	118	0.039449	mg/L	380067.82	0.091	2.109
	Sn	120	0.038984	mg/L	520375.06	0.124	5.249
	Sb	121	0.041804	mg/L	432648.82	0.103	7.306
	Sb	123	0.042715	mg/L	338373.97	0.080	5.489
	Ba	135	0.040183	mg/L	126427.43	0.026	5.196

	Ba	137	0.040012	mg/L	220792.98	0.045	3.421
>	Tb	159		mg/L	4884980.49	4884980.489	0.908
>	Ho	165		mg/L	4828338.33	4828338.329	3.867
	Hg	202	0.022917	mg/L	182.34	-0.000	1.400
	Tl	203	0.040519	mg/L	503889.93	0.104	1.798
	Tl	205	0.038142	mg/L	1212142.38	0.251	5.196
	Pb	208	0.039984	mg/L	1640574.10	0.340	4.622
	Bi	209	0.037592	mg/L	1350487.30	0.279	2.994
	Th	232	0.037024	mg/L	1676870.23	0.346	1.021
	U	238	0.036699	mg/L	1730034.74	0.359	6.257

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:08:24
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCB1.093
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	249783.43	249783.431	2.692
	Be	9	0.000066	mg/L	9.33	0.000	128.492
	B	11	-0.000484	mg/L	1965.57	0.001	56.928
	Na	23	-0.001057	mg/L	119487.17	-0.041	8.662
	Mg	24	-0.000545	mg/L	3116.23	0.000	146.529
	Al	27	-0.000398	mg/L	13514.21	0.001	114.842
	Si	28	-0.057516	mg/L	230301.54	0.006	243.023
	K	39	-0.011375	mg/L	2999809.01	-0.099	84.040
	Ca	44	-0.052928	mg/L	61594.35	-0.003	77.734
>	Sc	45		mg/L	1880731.46	1880731.458	4.188
	Ti	47	0.000138	mg/L	1595.49	0.000	60.273
	V	51	0.002040	mg/L	-89797.11	0.006	493.590
	Cr	52	-0.000595	mg/L	52601.50	-0.002	101.433
	Mn	55	0.000038	mg/L	2972.85	0.000	774.170
	Fe	57	0.001346	mg/L	54843.60	0.002	66.198
	Ni	58	-0.000232	mg/L	24880.59	-0.000	195.081
	Co	59	0.000181	mg/L	268.67	0.000	42.517
	Ni	60	-0.000154	mg/L	255.34	-0.000	113.189
	Ni	62	-0.000328	mg/L	599.36	-0.000	33.032
	Cu	63	-0.000475	mg/L	1313.44	0.000	437.439
	Cu	65	-0.000303	mg/L	631.36	0.000	21.934
	Zn	66	-0.001710	mg/L	1551.81	0.000	265.317
	Zn	68	-0.001589	mg/L	1835.54	0.000	205.139
	Ga	69	-0.000017	mg/L	3212.93	0.000	33.693
>	Ge	72		mg/L	974660.71	974660.710	1.961
	As	75	0.000396	mg/L	-803.93	0.001	56.547
	Se	77	-0.026541	mg/L	10670.70	-0.003	8.337
	Se	82	0.000363	mg/L	182.15	0.000	7.779
	Sr	88	0.000058	mg/L	1136.42	0.000	268.970
>	Y	89		mg/L	4654404.33	4654404.332	2.831
	Mo	95	0.000451	mg/L	3200.27	0.001	21.248
	Mo	98	0.000437	mg/L	4994.69	0.001	22.267
>	Rh	103		mg/L	3750971.28	3750971.281	3.928
	Ag	107	-0.000043	mg/L	1054.74	0.000	51.711
	Ag	109	-0.000161	mg/L	876.72	0.000	55.420
	Cd	111	-0.000116	mg/L	86.00	0.000	164.822
	Cd	114	-0.000104	mg/L	170.44	0.000	171.378
>	In	115		mg/L	4076537.19	4076537.188	0.671
	Sn	118	0.000048	mg/L	2210.29	0.000	6.682
	Sn	120	0.000014	mg/L	3025.36	0.000	8.872
	Sb	121	0.001955	mg/L	24010.70	0.005	10.560
	Sb	123	0.001910	mg/L	18354.04	0.004	10.059
	Ba	135	-0.000083	mg/L	176.67	0.000	137.378

	Ba	137	0.000013	mg/L	317.88	0.000	35.972
>	Tb	159		mg/L	4892664.97	4892664.967	2.369
>	Ho	165		mg/L	4748547.89	4748547.895	6.321
	Hg	202	0.036860	mg/L	253.67	-0.000	11.407
	Tl	203	0.000042	mg/L	1382.12	0.000	7.771
	Tl	205	0.000268	mg/L	3300.63	0.001	11.555
	Pb	208	-0.000230	mg/L	1077.04	0.000	33.484
	Bi	209	0.000225	mg/L	2882.17	0.000	28.610
	Th	232	0.001013	mg/L	24189.06	0.004	16.786
	U	238	0.000212	mg/L	347.68	0.000	7.703

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-17
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:13:28
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-17.094
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 41

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	206625.45	206625.452	3.273
	Be	9	0.000091	mg/L	15.33	0.000	39.932
	B	11	0.022883	mg/L	12412.93	0.054	5.694
	Na	23	S	mg/L	S	S	S
	Mg	24	94.820634	mg/L	467049640.64	295.571	3.934
	Al	27	0.003886	mg/L	45827.64	0.023	24.696
	Si	28	13.726792	mg/L	60351340.93	38.196	12.272
	K	39	6.508575	mg/L	95802830.76	59.023	7.994
	Ca	44	78.905019	mg/L	29740843.94	18.785	3.603
>	Sc	45		mg/L	1582297.98	1582297.975	5.507
	Ti	47	0.003988	mg/L	5377.31	0.003	3.943
	V	51	0.000268	mg/L	-103515.58	-0.013	173.382
	Cr	52	-0.000568	mg/L	44581.60	-0.002	120.526
	Mn	55	9.950506	mg/L	232426146.66	146.982	2.681
	Fe	57	185.860353	mg/L	133698053.93	84.475	2.072
	Ni	58	1.652505	mg/L	20422213.80	20.194	1.743
	Co	59	0.016073	mg/L	401737.41	0.397	3.036
	Ni	60	0.008314	mg/L	45163.68	0.044	5.402
	Ni	62	0.011528	mg/L	9909.93	0.009	16.341
	Cu	63	0.009863	mg/L	117409.99	0.115	5.165
	Cu	65	0.000385	mg/L	4308.73	0.004	10.480
	Zn	66	0.006496	mg/L	25716.61	0.024	2.893
	Zn	68	0.024128	mg/L	54985.36	0.053	0.716
	Ga	69	0.016740	mg/L	335119.20	0.329	1.161
>	Ge	72		mg/L	1010167.97	1010167.973	1.552
	As	75	0.005779	mg/L	14662.16	0.016	5.551
	Se	77	-0.009961	mg/L	14356.82	0.000	189.282
	Se	82	0.021340	mg/L	5120.80	0.001	12.255
	Sr	88	0.924734	mg/L	30622067.47	7.646	1.867
>	Y	89		mg/L	4004244.00	4004243.995	1.617
	Mo	95	0.000616	mg/L	3563.74	0.001	16.267
	Mo	98	0.000250	mg/L	2883.98	0.001	29.884
>	Rh	103		mg/L	3148195.62	3148195.616	0.766
	Ag	107	-0.000004	mg/L	1339.11	0.000	4.897
	Ag	109	-0.000166	mg/L	683.03	0.000	6.547
	Cd	111	-0.000099	mg/L	123.00	0.000	25.964
	Cd	114	-0.000080	mg/L	298.97	0.000	26.582
>	In	115		mg/L	3683444.32	3683444.317	2.693
	Sn	118	0.000013	mg/L	1701.84	0.000	12.679
	Sn	120	-0.000028	mg/L	2238.18	0.000	6.667
	Sb	121	0.001618	mg/L	18662.36	0.004	4.547
	Sb	123	0.001608	mg/L	14508.70	0.003	5.201
	Ba	135	0.886348	mg/L	2417246.30	0.569	0.346

	Ba	137	0.874594	mg/L	4192488.51	0.987	1.495
>	Tb	159		mg/L	4247785.33	4247785.332	1.964
>	Ho	165		mg/L	4079939.63	4079939.630	3.766
	Hg	202	0.000507	mg/L	51.00	-0.000	1.873
	Tl	203	-0.000001	mg/L	737.70	0.000	11.227
	Tl	205	0.000225	mg/L	1676.84	0.000	8.491
	Pb	208	-0.000163	mg/L	3211.59	0.001	6.683
	Bi	209	0.000185	mg/L	1270.44	0.000	14.380
	Th	232	0.000966	mg/L	18986.69	0.003	21.991
	U	238	0.000220	mg/L	602.03	0.000	8.440

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-42
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:18:33
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-42.095
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 42

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	263053.31	263053.308	3.200
	Be	9	0.000076	mg/L	13.67	0.000	56.912
	B	11	0.026981	mg/L	18218.10	0.063	5.128
	Na	23	S	mg/L	S	S	S
	Mg	24	17.174886	mg/L	109031499.44	53.538	5.463
	Al	27	0.002825	mg/L	48008.37	0.017	35.210
	Si	28	15.725747	mg/L	88958507.10	43.734	12.701
	K	39	2.813539	mg/L	55220816.55	25.517	12.883
	Ca	44	18.767986	mg/L	9173393.73	4.475	8.260
>	Sc	45		mg/L	2042060.31	2042060.310	7.970
	Ti	47	0.003020	mg/L	5631.14	0.002	4.204
	V	51	-0.000394	mg/L	-146986.37	-0.020	100.039
	Cr	52	0.001799	mg/L	98932.32	0.018	33.134
	Mn	55	2.745160	mg/L	82638409.01	40.549	4.913
	Fe	57	36.276196	mg/L	33693357.99	16.489	2.579
	Ni	58	0.391910	mg/L	4922486.05	4.791	9.093
	Co	59	0.000398	mg/L	5828.93	0.005	1.640
	Ni	60	0.003612	mg/L	20500.99	0.020	1.593
	Ni	62	0.019821	mg/L	16631.50	0.015	8.738
	Cu	63	0.002662	mg/L	37074.87	0.035	3.347
	Cu	65	0.000647	mg/L	5775.23	0.005	7.276
	Zn	66	0.006852	mg/L	27088.28	0.025	7.089
	Zn	68	0.010493	mg/L	27179.85	0.025	4.563
	Ga	69	0.003048	mg/L	64911.93	0.060	2.079
>	Ge	72		mg/L	1023784.57	1023784.573	3.282
	As	75	0.000418	mg/L	-756.96	0.001	190.224
	Se	77	0.007248	mg/L	18001.66	0.004	27.416
	Se	82	0.001185	mg/L	396.07	0.000	12.066
	Sr	88	0.103678	mg/L	3864042.72	0.857	0.564
>	Y	89		mg/L	4508451.76	4508451.757	2.241
	Mo	95	0.000216	mg/L	1819.54	0.000	22.482
	Mo	98	0.000132	mg/L	2242.08	0.000	34.682
>	Rh	103		mg/L	3538884.51	3538884.510	0.592
	Ag	107	-0.000075	mg/L	567.36	0.000	1.783
	Ag	109	-0.000200	mg/L	350.68	0.000	10.064
	Cd	111	-0.000106	mg/L	114.34	0.000	55.352
	Cd	114	-0.000091	mg/L	254.99	0.000	33.106
>	In	115		mg/L	3980302.30	3980302.297	2.822
	Sn	118	-0.000033	mg/L	1419.79	0.000	32.155
	Sn	120	-0.000053	mg/L	2104.03	0.000	23.586
	Sb	121	0.000741	mg/L	11594.86	0.002	10.629
	Sb	123	0.000696	mg/L	8859.11	0.001	10.880
	Ba	135	0.117366	mg/L	356626.88	0.075	6.988

	Ba	137	0.115573	mg/L	617152.62	0.130	4.812
>	Tb	159		mg/L	4735908.96	4735908.957	4.066
>	Ho	165		mg/L	4516155.89	4516155.887	3.864
	Hg	202	0.002468	mg/L	66.33	-0.000	2.619
	Tl	203	-0.000020	mg/L	587.36	0.000	33.989
	Tl	205	0.000214	mg/L	1507.14	0.000	19.169
	Pb	208	-0.000122	mg/L	5150.29	0.001	0.601
	Bi	209	0.000167	mg/L	791.38	0.000	84.405
	Th	232	0.000693	mg/L	9293.91	0.001	42.865
	U	238	0.000213	mg/L	346.01	0.000	8.424

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-43
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:23:38
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-43.096
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 43

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	279822.24	279822.235	8.725
	Be	9	0.006127	mg/L	2570.06	0.009	6.122
	B	11	0.007683	mg/L	7295.38	0.020	20.691
	Na	23	S	mg/L	S	S	S
	Mg	24	30.766681	mg/L	169420522.38	95.906	2.707
	Al	27	0.734468	mg/L	6636330.06	3.758	10.185
	Si	28	15.231811	mg/L	74586614.38	42.366	19.544
	K	39	1.307544	mg/L	23807863.15	11.861	18.272
	Ca	44	25.312270	mg/L	10691198.47	6.033	7.800
>	Sc	45		mg/L	1769436.95	1769436.953	10.715
	Ti	47	0.002716	mg/L	4522.51	0.002	3.137
	V	51	-0.002706	mg/L	-171632.18	-0.045	72.261
	Cr	52	0.001109	mg/L	75162.26	0.012	50.426
	Mn	55	0.516928	mg/L	13474396.78	7.635	9.512
	Fe	57	0.087280	mg/L	121240.87	0.041	14.859
	Ni	58	0.238778	mg/L	2691501.14	2.920	12.604
	Co	59	0.146841	mg/L	3360030.72	3.667	5.794
	Ni	60	0.244255	mg/L	1177445.72	1.282	5.667
	Ni	62	0.253389	mg/L	180952.42	0.196	7.921
	Cu	63	0.005673	mg/L	63827.65	0.068	9.420
	Cu	65	0.005200	mg/L	27045.41	0.029	13.775
	Zn	66	0.331045	mg/L	885636.30	0.968	10.663
	Zn	68	0.331793	mg/L	625397.25	0.681	3.559
	Ga	69	0.006101	mg/L	112931.37	0.120	1.523
>	Ge	72		mg/L	916073.83	916073.831	5.976
	As	75	0.000064	mg/L	-1604.72	-0.000	191.131
	Se	77	0.032862	mg/L	20694.41	0.009	18.032
	Se	82	0.000416	mg/L	225.32	0.000	53.781
	Sr	88	0.157704	mg/L	6934337.52	1.303	1.797
>	Y	89		mg/L	5314921.58	5314921.577	6.501
	Mo	95	0.000145	mg/L	1678.17	0.000	26.076
	Mo	98	0.000131	mg/L	2625.05	0.000	31.134
>	Rh	103		mg/L	3311961.87	3311961.874	3.480
	Ag	107	-0.000085	mg/L	405.68	0.000	37.191
	Ag	109	-0.000205	mg/L	269.34	0.000	56.811
	Cd	111	0.000833	mg/L	2958.18	0.001	2.154
	Cd	114	0.000844	mg/L	6750.00	0.002	3.961
>	In	115		mg/L	3726991.35	3726991.345	5.315
	Sn	118	-0.000030	mg/L	1355.45	0.000	12.268
	Sn	120	-0.000058	mg/L	1902.18	0.000	19.501
	Sb	121	0.000561	mg/L	9189.41	0.001	14.655
	Sb	123	0.000549	mg/L	7255.33	0.001	16.904
	Ba	135	0.213488	mg/L	617764.51	0.137	2.528

	Ba	137	0.212042	mg/L	1078480.30	0.239	0.860
>	Tb	159		mg/L	4505321.52	4505321.522	4.123
>	Ho	165		mg/L	4292456.09	4292456.087	3.952
	Hg	202	0.005850	mg/L	79.67	-0.000	2.218
	Tl	203	-0.000006	mg/L	715.37	0.000	6.149
	Tl	205	0.000225	mg/L	1746.52	0.000	18.442
	Pb	208	0.000613	mg/L	31542.39	0.007	5.723
	Bi	209	0.000170	mg/L	843.05	0.000	20.096
	Th	232	0.000601	mg/L	5098.16	-0.000	308.788
	U	238	0.000363	mg/L	6678.86	0.002	10.507

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-44
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:28:44
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-44.097
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 44

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	269556.96	269556.957	3.615
	Be	9	0.000073	mg/L	13.00	0.000	100.907
	B	11	0.054368	mg/L	35207.13	0.124	8.426
	Na	23	19.461747	mg/L	174580225.77	99.209	9.400
	Mg	24	0.008469	mg/L	52283.49	0.028	5.533
	Al	27	0.160065	mg/L	1453102.13	0.821	6.198
	Si	28	2.593795	mg/L	13093339.04	7.351	13.151
	K	39	10.662831	mg/L	172401122.86	96.694	12.672
	Ca	44	171.736704	mg/L	71738710.52	40.873	5.205
>	Sc	45		mg/L	1754846.14	1754846.143	3.398
	Ti	47	0.000829	mg/L	2293.31	0.001	7.396
	V	51	0.027065	mg/L	384383.99	0.271	14.134
	Cr	52	0.011475	mg/L	232403.47	0.102	11.564
	Mn	55	0.000464	mg/L	13769.63	0.006	16.701
	Fe	57	0.501170	mg/L	450005.61	0.229	4.651
	Ni	58	0.003131	mg/L	59131.57	0.041	14.117
	Co	59	0.000582	mg/L	9140.69	0.010	6.018
	Ni	60	0.010521	mg/L	50192.05	0.056	11.344
	Ni	62	0.001522	mg/L	1823.87	0.001	10.743
	Cu	63	0.009126	mg/L	96108.36	0.107	2.260
	Cu	65	0.009225	mg/L	45131.39	0.050	7.694
	Zn	66	0.005295	mg/L	19506.51	0.020	9.916
	Zn	68	0.006689	mg/L	16704.51	0.017	5.575
	Ga	69	0.003040	mg/L	56248.24	0.060	0.928
>	Ge	72		mg/L	889563.69	889563.687	3.961
	As	75	0.000947	mg/L	704.30	0.002	84.393
	Se	77	0.030665	mg/L	19742.99	0.008	17.045
	Se	82	0.003088	mg/L	852.21	0.000	7.763
	Sr	88	0.390787	mg/L	13749235.53	3.231	2.134
>	Y	89		mg/L	4257669.62	4257669.625	4.635
	Mo	95	0.017808	mg/L	92839.92	0.022	1.920
	Mo	98	0.017626	mg/L	142968.63	0.033	4.989
>	Rh	103		mg/L	3247977.57	3247977.569	1.599
	Ag	107	-0.000086	mg/L	388.35	0.000	48.746
	Ag	109	-0.000205	mg/L	271.34	0.000	16.101
	Cd	111	-0.000035	mg/L	316.68	0.000	15.994
	Cd	114	-0.000038	mg/L	597.96	0.000	5.895
>	In	115		mg/L	3685459.94	3685459.938	2.294
	Sn	118	0.000027	mg/L	1825.20	0.000	10.859
	Sn	120	-0.000002	mg/L	2549.73	0.000	8.971
	Sb	121	0.000641	mg/L	9838.10	0.002	9.586
	Sb	123	0.000619	mg/L	7684.21	0.001	7.854
	Ba	135	0.058622	mg/L	167095.93	0.038	7.053

	Ba	137	0.058109	mg/L	291080.04	0.066	3.669
>	Tb	159		mg/L	4439623.72	4439623.723	5.054
>	Ho	165		mg/L	4277822.21	4277822.213	2.410
	Hg	202	0.126744	mg/L	662.03	0.000	10.102
	Tl	203	-0.000007	mg/L	709.03	0.000	8.774
	Tl	205	0.000221	mg/L	1654.50	0.000	16.269
	Pb	208	0.067195	mg/L	2439101.24	0.570	3.233
	Bi	209	0.000165	mg/L	695.03	0.000	60.898
	Th	232	0.000633	mg/L	6382.32	0.000	50.574
	U	238	0.000208	mg/L	135.00	0.000	3.263

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-17RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:33:49
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-17RE1.098
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.2
Diluted To Volume (mL): 10.00
Autosampler Position: 45

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	201371.64	201371.637	0.951
	Be	9	0.003942	mg/L	11.33	0.000	89.629
	B	11	1.418423	mg/L	14578.90	0.066	10.999
	Na	23	615.636749	mg/L	105489264.55	62.753	4.440
	Mg	24	114.935924	mg/L	11998200.30	7.167	8.021
	Al	27	3.840602	mg/L	671716.95	0.395	16.890
	Si	28	13.761710	mg/L	1748130.15	0.928	14.584
	K	39	7.112021	mg/L	5011845.11	1.294	10.773
	Ca	44	92.919890	mg/L	818012.84	0.452	3.916
>	Sc	45		mg/L	1676502.48	1676502.482	3.543
	Ti	47	0.019218	mg/L	1695.51	0.000	18.749
	V	51	0.289972	mg/L	-11735.01	0.045	6.290
	Cr	52	-0.070295	mg/L	35145.49	-0.009	25.582
	Mn	55	11.071385	mg/L	5494377.28	3.270	8.903
	Fe	57	207.325287	mg/L	3209800.61	1.886	3.847
	Ni	58	1.947334	mg/L	468559.89	0.478	4.437
	Co	59	0.031461	mg/L	10650.70	0.011	9.413
	Ni	60	0.005350	mg/L	1514.48	0.001	15.665
	Ni	62	0.000244	mg/L	811.38	0.000	24.535
	Cu	63	-0.010511	mg/L	3996.26	0.003	10.679
	Cu	65	-0.010104	mg/L	1093.41	0.001	8.845
	Zn	66	-0.066146	mg/L	2525.71	0.001	10.212
	Zn	68	-0.040662	mg/L	3221.27	0.002	12.941
	Ga	69	0.021313	mg/L	11136.28	0.009	8.585
>	Ge	72		mg/L	929413.60	929413.597	3.337
	As	75	0.033404	mg/L	-45.40	0.001	6.510
	Se	77	-3.672966	mg/L	1589.16	-0.012	1.513
	Se	82	0.012882	mg/L	144.69	0.000	9.934
	Sr	88	0.974234	mg/L	707721.20	0.161	2.855
>	Y	89		mg/L	4398041.09	4398041.094	2.076
	Mo	95	0.006009	mg/L	1262.43	0.000	27.599
	Mo	98	0.005469	mg/L	2003.08	0.000	28.984
>	Rh	103		mg/L	3644112.96	3644112.963	3.944
	Ag	107	-0.005109	mg/L	213.00	-0.000	28.469
	Ag	109	-0.011068	mg/L	95.33	-0.000	8.934
	Cd	111	-0.006032	mg/L	69.33	-0.000	96.696
	Cd	114	-0.005150	mg/L	172.51	0.000	53.401
>	In	115		mg/L	4054535.58	4054535.576	0.728
	Sn	118	-0.004526	mg/L	911.05	0.000	837.711
	Sn	120	-0.005917	mg/L	1302.29	-0.000	994.769
	Sb	121	-0.013039	mg/L	1849.21	-0.001	1.571
	Sb	123	-0.015105	mg/L	1442.33	-0.001	7.074
	Ba	135	0.855518	mg/L	52149.10	0.011	5.865

	Ba	137	0.861480	mg/L	91671.48	0.019	9.591
>	Tb	159		mg/L	4719241.56	4719241.560	6.020
>	Ho	165		mg/L	4515245.90	4515245.902	5.100
	Hg	202	-0.060533	mg/L	47.67	-0.000	2.283
	Tl	203	-0.000787	mg/L	640.70	0.000	26.366
	Tl	205	0.010663	mg/L	1498.81	0.000	15.551
	Pb	208	-0.007912	mg/L	3754.34	0.001	9.577
	Bi	209	0.007546	mg/L	249.01	-0.000	8.793
	Th	232	0.026822	mg/L	2584.73	-0.001	9.154
	U	238	0.010421	mg/L	161.34	0.000	39.419

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-42RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:38:55
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\11C1255-42RE1.099
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.2
Diluted To Volume (mL): 10.00
Autosampler Position: 46

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	207634.99	207634.995	1.878
	Be	9	0.003619	mg/L	9.67	0.000	65.289
	B	11	0.956898	mg/L	10748.80	0.045	3.902
	Na	23	106.461910	mg/L	17844841.05	10.823	5.265
	Mg	24	18.980272	mg/L	1940437.69	1.185	10.691
	Al	27	3.220089	mg/L	551906.22	0.332	5.340
	Si	28	15.348698	mg/L	1845128.76	1.016	5.680
	K	39	3.310929	mg/L	3743556.82	0.604	32.246
	Ca	44	26.062828	mg/L	276043.92	0.134	6.482
>	Sc	45		mg/L	1632166.32	1632166.316	5.686
	Ti	47	0.004502	mg/L	1330.78	0.000	247.607
	V	51	0.316906	mg/L	-2298.01	0.051	6.886
	Cr	52	-0.082600	mg/L	30769.30	-0.012	6.989
	Mn	55	2.713861	mg/L	1307548.47	0.801	6.684
	Fe	57	36.622201	mg/L	590227.50	0.334	4.748
	Ni	58	0.305803	mg/L	93744.39	0.077	23.108
	Co	59	0.009250	mg/L	334.01	0.000	15.244
	Ni	60	-0.003697	mg/L	622.69	0.000	9.470
	Ni	62	-0.006921	mg/L	698.37	0.000	876.074
	Cu	63	-0.019824	mg/L	2030.91	0.001	4.286
	Cu	65	-0.011232	mg/L	964.73	0.000	19.083
	Zn	66	-0.069041	mg/L	2323.99	0.001	28.831
	Zn	68	-0.069360	mg/L	2091.60	0.000	58.969
	Ga	69	-0.001150	mg/L	2910.50	0.000	55.937
>	Ge	72		mg/L	914055.17	914055.169	4.560
	As	75	0.028056	mg/L	-328.24	0.001	15.344
	Se	77	-3.748098	mg/L	1293.44	-0.012	0.655
	Se	82	-0.002121	mg/L	64.62	-0.000	94.980
	Sr	88	0.155373	mg/L	109470.18	0.025	3.605
>	Y	89		mg/L	4302507.54	4302507.544	2.994
	Mo	95	0.001676	mg/L	781.04	0.000	78.367
	Mo	98	0.000832	mg/L	1203.56	0.000	70.092
>	Rh	103		mg/L	3473990.60	3473990.599	6.361
	Ag	107	-0.005145	mg/L	192.67	-0.000	3.491
	Ag	109	-0.011039	mg/L	97.00	-0.000	10.724
	Cd	111	-0.005944	mg/L	71.67	-0.000	433.518
	Cd	114	-0.005125	mg/L	167.26	0.000	62.426
>	In	115		mg/L	3865333.25	3865333.245	7.312
	Sn	118	-0.004784	mg/L	822.38	-0.000	47.517
	Sn	120	-0.006279	mg/L	1148.94	-0.000	65.736
	Sb	121	-0.013416	mg/L	1688.17	-0.001	5.002
	Sb	123	-0.015649	mg/L	1294.68	-0.001	5.843
	Ba	135	0.126226	mg/L	7909.19	0.002	7.273

	Ba	137	0.129745	mg/L	13776.34	0.003	8.456
>	Tb	159		mg/L	4628183.35	4628183.348	1.667
>	Ho	165		mg/L	4404429.51	4404429.514	1.526
	Hg	202	-0.086951	mg/L	44.00	-0.000	0.459
	Tl	203	-0.000873	mg/L	607.36	0.000	19.712
	Tl	205	0.010548	mg/L	1398.46	0.000	12.037
	Pb	208	-0.008549	mg/L	3187.92	0.001	3.448
	Bi	209	0.007513	mg/L	221.67	-0.000	8.298
	Th	232	0.025639	mg/L	1536.15	-0.001	4.156
	U	238	0.010408	mg/L	146.34	0.000	5.726

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:44:00
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\RINSE.100
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	207153.14	207153.136	2.760
	Be	9	0.000077	mg/L	11.00	0.000	101.915
	B	11	-0.000467	mg/L	1637.50	0.001	22.625
	Na	23	0.013946	mg/L	227738.96	0.036	15.555
	Mg	24	-0.000429	mg/L	3278.30	0.000	83.622
	Al	27	-0.000570	mg/L	10241.88	-0.000	400.551
	Si	28	-0.041179	mg/L	271921.45	0.051	48.923
	K	39	0.005121	mg/L	2835602.72	0.050	247.179
	Ca	44	-0.049286	mg/L	54617.85	-0.002	150.695
>	Sc	45		mg/L	1628579.44	1628579.435	7.117
	Ti	47	-0.000109	mg/L	1111.75	-0.000	80.315
	V	51	0.006528	mg/L	1228.66	0.053	2.428
	Cr	52	-0.001741	mg/L	29328.60	-0.012	18.033
	Mn	55	0.000021	mg/L	2168.61	-0.000	30.100
	Fe	57	-0.000480	mg/L	46152.80	0.001	99.037
	Ni	58	-0.000376	mg/L	21152.16	-0.002	68.736
	Co	59	0.000181	mg/L	243.34	0.000	15.387
	Ni	60	-0.000166	mg/L	177.67	-0.000	12.833
	Ni	62	-0.000293	mg/L	572.02	-0.000	37.758
	Cu	63	-0.000393	mg/L	2018.58	0.001	16.012
	Cu	65	-0.000204	mg/L	1038.74	0.001	10.419
	Zn	66	-0.001594	mg/L	1720.18	0.000	7.028
	Zn	68	-0.001717	mg/L	1444.80	-0.000	35.687
	Ga	69	-0.000118	mg/L	1177.09	-0.002	9.061
>	Ge	72		mg/L	890607.78	890607.781	1.861
	As	75	0.000554	mg/L	-337.14	0.001	19.867
	Se	77	-0.076784	mg/L	941.72	-0.013	0.266
	Se	82	-0.000128	mg/L	41.69	-0.000	75.467
	Sr	88	0.000060	mg/L	1093.08	0.000	51.445
>	Y	89		mg/L	4219207.61	4219207.611	2.735
	Mo	95	0.000005	mg/L	621.69	0.000	264.294
	Mo	98	-0.000015	mg/L	931.00	0.000	165.871
>	Rh	103		mg/L	3551893.74	3551893.736	5.299
	Ag	107	-0.000102	mg/L	214.00	-0.000	16.036
	Ag	109	-0.000220	mg/L	103.33	-0.000	2.661
	Cd	111	-0.000123	mg/L	59.33	-0.000	21.629
	Cd	114	-0.000104	mg/L	162.41	0.000	99.263
>	In	115		mg/L	4006178.91	4006178.911	2.728
	Sn	118	-0.000101	mg/L	804.71	-0.000	107.243
	Sn	120	-0.000132	mg/L	1111.53	-0.000	48.389
	Sb	121	-0.000290	mg/L	1537.48	-0.001	7.003
	Sb	123	-0.000334	mg/L	1187.28	-0.001	5.911
	Ba	135	-0.000080	mg/L	178.67	0.000	21.386

	Ba	137	0.000010	mg/L	286.57	0.000	56.724
>	Tb	159		mg/L	4651428.69	4651428.691	2.424
>	Ho	165		mg/L	4471966.04	4471966.035	4.024
	Hg	202	-0.001381	mg/L	46.33	-0.000	3.177
	Tl	203	-0.000016	mg/L	629.69	0.000	20.981
	Tl	205	0.000214	mg/L	1512.47	0.000	20.975
	Pb	208	-0.000235	mg/L	825.69	0.000	20.434
	Bi	209	0.000149	mg/L	191.34	-0.000	5.564
	Th	232	0.000505	mg/L	1210.43	-0.001	4.176
	U	238	0.000206	mg/L	68.33	-0.000	84.340

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:49:05
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCV4.101
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	246730.31	246730.314	3.658
	Be	9	0.036049	mg/L	13370.96	0.054	4.639
	B	11	0.032361	mg/L	20012.03	0.075	14.758
	Na	23	0.408207	mg/L	3327495.65	2.046	2.044
	Mg	24	0.403173	mg/L	1946360.74	1.258	9.578
	Al	27	0.190897	mg/L	1519697.67	0.979	19.986
	Si	28	-0.022318	mg/L	340165.58	0.103	35.354
	K	39	0.420564	mg/L	8522069.51	3.818	7.277
	Ca	44	0.423215	mg/L	226033.05	0.110	1.867
>	Sc	45		mg/L	1546956.41	1546956.407	4.080
	Ti	47	0.040910	mg/L	43047.54	0.027	6.839
	V	51	0.043530	mg/L	606221.10	0.446	24.746
	Cr	52	0.040885	mg/L	597836.48	0.357	13.657
	Mn	55	0.037967	mg/L	870387.66	0.560	5.307
	Fe	57	0.131914	mg/L	136985.86	0.061	5.172
	Ni	58	0.039565	mg/L	438693.55	0.486	3.962
	Co	59	0.037234	mg/L	793927.01	0.927	12.031
	Ni	60	0.039720	mg/L	179395.73	0.209	10.233
	Ni	62	0.038738	mg/L	26430.32	0.030	3.506
	Cu	63	0.038890	mg/L	375737.59	0.438	5.787
	Cu	65	0.040116	mg/L	182706.39	0.213	6.553
	Zn	66	0.038936	mg/L	102448.36	0.118	7.152
	Zn	68	0.039353	mg/L	73160.99	0.084	10.111
	Ga	69	0.040531	mg/L	683551.75	0.795	8.041
>	Ge	72		mg/L	856996.88	856996.877	4.504
	As	75	0.041279	mg/L	98990.95	0.117	4.238
	Se	77	0.016855	mg/L	16678.46	0.006	21.930
	Se	82	0.039639	mg/L	9569.36	0.002	1.582
	Sr	88	0.038838	mg/L	1299713.16	0.321	5.768
>	Y	89		mg/L	4049547.59	4049547.590	2.362
	Mo	95	0.040589	mg/L	200496.16	0.049	5.703
	Mo	98	0.040434	mg/L	310970.46	0.077	2.658
>	Rh	103		mg/L	3329704.77	3329704.766	5.250
	Ag	107	0.021240	mg/L	266305.61	0.080	0.945
	Ag	109	0.021518	mg/L	250105.93	0.075	2.523
	Cd	111	0.039234	mg/L	119833.53	0.036	8.909
	Cd	114	0.039283	mg/L	274751.15	0.083	9.692
>	In	115		mg/L	3668189.63	3668189.625	0.458
	Sn	118	0.040207	mg/L	339936.11	0.092	3.667
	Sn	120	0.040098	mg/L	470114.60	0.128	4.643
	Sb	121	0.042137	mg/L	383193.16	0.103	2.012
	Sb	123	0.042253	mg/L	293999.74	0.079	2.382
	Ba	135	0.040320	mg/L	112456.80	0.026	3.389

	Ba	137	0.040168	mg/L	196448.54	0.045	6.162
>	Tb	159		mg/L	4332355.43	4332355.426	2.366
>	Ho	165		mg/L	4173091.61	4173091.606	2.887
	Hg	202	0.026339	mg/L	173.67	-0.000	4.528
	Tl	203	0.040139	mg/L	431036.97	0.103	7.562
	Tl	205	0.037966	mg/L	1042920.19	0.250	8.091
	Pb	208	0.039354	mg/L	1397266.59	0.335	0.736
	Bi	209	0.037358	mg/L	1158678.64	0.278	2.310
	Th	232	0.036200	mg/L	1415054.29	0.338	7.102
	U	238	0.035977	mg/L	1466226.29	0.352	7.562

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, March 31, 2011 17:54:09
Sample File: C:\Elandata\Sample\110331B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\DataSet\110331A_PBK\SEQ-CCB4.102
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	238150.82	238150.818	4.140
	Be	9	0.000066	mg/L	8.67	0.000	77.028
	B	11	-0.001199	mg/L	1487.47	-0.000	677.336
	Na	23	0.007262	mg/L	165424.51	0.002	528.819
	Mg	24	-0.000531	mg/L	2652.08	0.000	152.096
	Al	27	-0.000382	mg/L	11269.26	0.001	235.492
	Si	28	-0.059941	mg/L	180064.09	-0.001	2064.175
	K	39	0.005798	mg/L	2730576.57	0.056	192.005
	Ca	44	-0.022687	mg/L	62213.93	0.004	90.519
>	Sc	45		mg/L	1562144.49	1562144.485	7.072
	Ti	47	0.000133	mg/L	1316.78	0.000	88.740
	V	51	0.004163	mg/L	-39766.88	0.028	83.420
	Cr	52	-0.000425	mg/L	45823.94	-0.001	399.772
	Mn	55	0.000039	mg/L	2487.37	0.000	160.728
	Fe	57	-0.004463	mg/L	41475.53	-0.001	237.147
	Ni	58	-0.000170	mg/L	22225.03	0.000	230.656
	Co	59	0.000180	mg/L	204.00	0.000	63.500
	Ni	60	-0.000146	mg/L	258.01	0.000	62.011
	Ni	62	-0.000333	mg/L	517.35	-0.000	26.921
	Cu	63	-0.000479	mg/L	1102.74	-0.000	232.459
	Cu	65	-0.000298	mg/L	568.36	0.000	30.153
	Zn	66	-0.001701	mg/L	1370.78	0.000	222.552
	Zn	68	-0.001595	mg/L	1582.82	0.000	110.029
	Ga	69	-0.000025	mg/L	2665.42	0.000	102.211
>	Ge	72		mg/L	845980.21	845980.208	2.088
	As	75	0.000111	mg/L	-1380.04	-0.000	268.004
	Se	77	-0.016890	mg/L	10865.61	-0.001	88.562
	Se	82	0.000224	mg/L	123.34	0.000	45.801
	Sr	88	0.000059	mg/L	1001.40	0.000	191.038
>	Y	89		mg/L	3998953.50	3998953.499	2.239
	Mo	95	0.000213	mg/L	1597.16	0.000	36.203
	Mo	98	0.000196	mg/L	2473.95	0.000	26.117
>	Rh	103		mg/L	3291078.06	3291078.056	2.670
	Ag	107	-0.000067	mg/L	633.03	0.000	83.688
	Ag	109	-0.000182	mg/L	537.02	0.000	77.701
	Cd	111	-0.000118	mg/L	69.33	-0.000	342.138
	Cd	114	-0.000103	mg/L	158.33	0.000	21.762
>	In	115		mg/L	3634705.31	3634705.315	2.127
	Sn	118	-0.000018	mg/L	1419.13	0.000	11.622
	Sn	120	-0.000055	mg/L	1898.04	0.000	11.583
	Sb	121	0.001242	mg/L	15037.99	0.003	16.055
	Sb	123	0.001217	mg/L	11638.19	0.002	15.961
	Ba	135	-0.000082	mg/L	158.34	0.000	133.944

	Ba	137	0.000009	mg/L	259.29	0.000	372.262
>	Tb	159		mg/L	4274803.50	4274803.501	3.460
>	Ho	165		mg/L	4137186.32	4137186.322	5.045
	Hg	202	0.028940	mg/L	183.67	-0.000	16.911
	Tl	203	-0.000000	mg/L	754.37	0.000	20.915
	Tl	205	0.000231	mg/L	1847.88	0.000	29.772
	Pb	208	-0.000233	mg/L	823.02	0.000	34.769
	Bi	209	0.000203	mg/L	1840.55	0.000	50.737
	Th	232	0.000953	mg/L	18700.66	0.003	22.856
	U	238	0.000210	mg/L	224.67	0.000	26.318

Dataset Report

User Name: Elan 9000
Computer Name: D4463YH1
Dataset File Path: C:\Elandata\DataSet\110331A_PBK\
Report Date/Time: Friday, April 01, 2011 06:26:17

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	Blank	07:44:02 Thu 31-Mar-11	Blank	C:\Elandata\DataSet\110331A_PBK\Blank.001	
	Standard 1	07:49:07 Thu 31-Mar-11	Standard #1	C:\Elandata\DataSet\110331A_PBK\Standard 1.002	
	Standard 2	07:54:14 Thu 31-Mar-11	Standard #2	C:\Elandata\DataSet\110331A_PBK\Standard 2.003	
	Standard 3	07:59:20 Thu 31-Mar-11	Standard #3	C:\Elandata\DataSet\110331A_PBK\Standard 3.004	
	Standard 4	08:04:27 Thu 31-Mar-11	Standard #4	C:\Elandata\DataSet\110331A_PBK\Standard 4.005	
	Standard 5	08:09:35 Thu 31-Mar-11	Standard #5	C:\Elandata\DataSet\110331A_PBK\Standard 5.006	
	SEQ-ICV1	08:14:41 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-ICV1.007	
	SEQ-ICB1	08:19:45 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-ICB1.008	
	SEQ-LCV1	08:24:50 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-LCV1.009	
	SEQ-LCV2	08:29:57 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-LCV2.010	
	SEQ-SCV1	08:35:03 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-SCV1.011	
	SEQ-HCV1	08:40:07 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-HCV1.012	
	SEQ-IFA1	08:45:13 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-IFA1.013	
	SEQ-IFB1	08:50:19 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-IFB1.014	
	SEQ-ICV2	08:55:25 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-ICV2.015	
	RINSE	09:00:30 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\RINSE.016	
	SEQ-CCV1	09:05:35 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCV1.017	
	SEQ-CCB1	09:10:39 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCB1.018	
	1114158-BLK1	09:15:44 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114158-BLK1.019	
	Blank	10:34:41 Thu 31-Mar-11	Blank	C:\Elandata\DataSet\110331A_PBK\Blank.020	
	Standard 1	10:39:46 Thu 31-Mar-11	Standard #1	C:\Elandata\DataSet\110331A_PBK\Standard 1.021	
	Standard 2	10:44:53 Thu 31-Mar-11	Standard #2	C:\Elandata\DataSet\110331A_PBK\Standard 2.022	
	Standard 3	10:49:59 Thu 31-Mar-11	Standard #3	C:\Elandata\DataSet\110331A_PBK\Standard 3.023	
	Standard 4	10:55:05 Thu 31-Mar-11	Standard #4	C:\Elandata\DataSet\110331A_PBK\Standard 4.024	
	Standard 5	11:00:13 Thu 31-Mar-11	Standard #5	C:\Elandata\DataSet\110331A_PBK\Standard 5.025	
	SEQ-ICV1	11:05:19 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-ICV1.026	
	SEQ-ICB1	11:10:23 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-ICB1.027	
	SEQ-LCV1	11:15:28 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-LCV1.028	
	SEQ-LCV2	11:20:35 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-LCV2.029	
	SEQ-SCV1	11:25:40 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-SCV1.030	
	SEQ-HCV1	11:30:45 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-HCV1.031	
	SEQ-IFA1	11:35:50 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-IFA1.032	
	SEQ-IFB1	11:40:57 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-IFB1.033	
	SEQ-ICV2	11:46:03 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-ICV2.034	
	RINSE	11:51:08 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\RINSE.035	
	SEQ-CCV1	11:56:12 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCV1.036	
	SEQ-CCB1	12:01:17 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCB1.037	
	1114158-BLK1	12:06:21 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114158-BLK1.038	
	1114158-BS1	12:11:27 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114158-BS1.039	
	11C1581-01	12:16:33 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1581-01.040	
	11C1582-01	12:21:40 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1582-01.041	
	1114158-DUP1	12:26:47 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114158-DUP1.042	
	1114158-MS1	12:31:53 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114158-MS1.043	
	1114158-MSD1	12:36:58 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114158-MSD1.044	

RINSE	12:42:03 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\RINSE.045
SEQ-CCV2	12:47:07 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCV2.046
SEQ-CCB2	12:52:12 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCB2.047
SEQ-CCV2	13:10:41 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCV2.048
SEQ-CCB2	13:15:45 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCB2.049
1114155-BLK1	13:20:49 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114155-BLK1.050
1114155-BS1	13:25:54 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114155-BS1.051
11C1255-03	13:31:00 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-03.052
1114155-DUP1	13:36:05 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114155-DUP1.053
1114155-MS1	13:41:12 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114155-MS1.054
1114155-MSD1	13:46:18 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114155-MSD1.055
1114155-PS1	13:51:25 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114155-PS1.056
1114155-DUP2	13:56:32 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\1114155-DUP2.057
11C1255-04	14:01:37 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-04.058
11C1255-16	14:06:42 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-16.059
RINSE	14:11:48 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\RINSE.060
SEQ-CCV3	14:16:52 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCV3.061
SEQ-CCB3	14:21:56 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCB3.062
SEQ-CCV3	14:28:25 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCV3.063
SEQ-CCB3	14:33:29 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCB3.064
11C1255-17	14:38:34 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-17.065
11C1255-42	14:43:39 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-42.066
11C1255-43	14:48:44 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-43.067
11C1255-44	14:53:50 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-44.068
11C1255-17RE1	14:59:54 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-17RE1.06
11C1255-42RE1	15:05:00 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-42RE1.07
RINSE	15:10:06 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\RINSE.071
SEQ-CCV4	15:15:10 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCV4.072
SEQ-CCB4	15:20:15 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCB4.073
SEQ-CCV4	15:28:39 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCV4.074
SEQ-CCB4	15:33:43 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCB4.075
Blank	15:41:48 Thu 31-Mar-11	Blank	C:\Elandata\DataSet\110331A_PBK\Blank.076
Standard 1	15:46:53 Thu 31-Mar-11	Standard #1	C:\Elandata\DataSet\110331A_PBK\Standard 1.077
Standard 2	15:52:00 Thu 31-Mar-11	Standard #2	C:\Elandata\DataSet\110331A_PBK\Standard 2.078
Standard 3	15:57:06 Thu 31-Mar-11	Standard #3	C:\Elandata\DataSet\110331A_PBK\Standard 3.079
Standard 4	16:02:13 Thu 31-Mar-11	Standard #4	C:\Elandata\DataSet\110331A_PBK\Standard 4.080
Standard 5	16:07:20 Thu 31-Mar-11	Standard #5	C:\Elandata\DataSet\110331A_PBK\Standard 5.081
SEQ-ICV1	16:12:26 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-ICV1.082
SEQ-ICB1	16:17:30 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-ICB1.083
SEQ-LCV1	16:22:35 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-LCV1.084
SEQ-LCV2	16:27:42 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-LCV2.085
SEQ-SCV1	16:32:48 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-SCV1.086
SEQ-HCV1	16:37:52 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-HCV1.087
SEQ-IFA1	16:42:58 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-IFA1.088
SEQ-IFB1	16:48:04 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-IFB1.089
SEQ-ICV2	16:53:10 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-ICV2.090
RINSE	16:58:15 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\RINSE.091
SEQ-CCV1	17:03:19 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCV1.092
SEQ-CCB1	17:08:24 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCB1.093
11C1255-17	17:13:28 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-17.094
11C1255-42	17:18:33 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-42.095
11C1255-43	17:23:38 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-43.096
11C1255-44	17:28:44 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-44.097
11C1255-17RE1	17:33:49 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-17RE1.09
11C1255-42RE1	17:38:55 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\11C1255-42RE1.09
RINSE	17:44:00 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\RINSE.100

SEQ-CCV4	17:49:05 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCV4.101
SEQ-CCB4	17:54:09 Thu 31-Mar-11	Sample	C:\Elandata\DataSet\110331A_PBK\SEQ-CCB4.102

Method File Name

File Name _dept40_wholelist_is_5std.mth
Path C:\Elandata\Method_dept40_wholelist_is_5std.mth

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001319	0.000	0.999996
B	11.009	Simple Linear	0.001787	0.000	0.999951
Na	22.990	Simple Linear	0.004155	0.116	0.999981
Mg	23.985	Simple Linear	0.002741	0.002	0.999955
Al	26.982	Simple Linear	0.004243	0.004	0.999888
Si	27.977	Simple Linear	0.002187	0.135	0.991968
K	38.964	Simple Linear	0.007517	0.245	0.999969
Ca	43.956	Simple Linear	0.000221	0.014	0.999922
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000655	0.000	0.999972
V	50.944	Simple Linear	0.008962	0.019	0.999739
Cr	51.941	Simple Linear	0.007880	0.005	0.999801
Mn	54.938	Simple Linear	0.012634	0.004	0.999976
Fe	56.935	Simple Linear	0.000374	0.000	0.999096
Ni	57.935	Simple Linear	0.010112	0.005	0.999952
Co	58.933	Simple Linear	0.019275	0.008	0.999852
Ni	59.933	Simple Linear	0.004265	0.002	0.999935
Ni	61.928	Simple Linear	0.000638	0.000	0.999963
Cu	62.930	Simple Linear	0.009894	0.005	0.999997
Cu	64.928	Simple Linear	0.004843	0.003	0.999974
Zn	65.926	Simple Linear	0.002759	0.004	0.999750
Zn	67.925	Simple Linear	0.001941	0.003	0.999719
Ga	68.926	Simple Linear	0.017832	0.004	0.999954
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.003005	-0.001	0.999998
Se	76.920	Simple Linear	0.000199	0.002	0.981936
Se	81.917	Simple Linear	0.000064	-0.000	0.999991
Sr	87.906	Simple Linear	0.008155	0.002	0.999954
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001301	-0.000	0.999991
Mo	97.906	Simple Linear	0.002144	-0.000	0.999999
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.003786	0.001	0.999942
Ag	108.905	Simple Linear	0.003606	0.001	0.999971
Cd	110.904	Simple Linear	0.000940	0.000	0.999973
Cd	113.904	Simple Linear	0.002209	0.001	0.999980
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002409	0.000	0.999963
Sn	119.902	Simple Linear	0.003253	0.001	0.999953
Sb	120.904	Simple Linear	0.002531	-0.001	0.999888
Sb	122.904	Simple Linear	0.001980	-0.001	0.999930
Ba	134.906	Simple Linear	0.000666	0.000	0.999975
Ba	136.905	Simple Linear	0.001153	0.000	0.999962
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000001	-0.000	0.880419

Tl	202.972	Simple Linear	0.002432	-0.000	0.999970
Tl	204.975	Simple Linear	0.005881	-0.000	0.999959
Pb	207.977	Simple Linear	0.007895	0.003	0.999950
Bi	208.980	Simple Linear	0.006805	0.001	0.999981
Th	232.038	Simple Linear	0.008494	-0.003	0.999964
U	238.050	Simple Linear	0.008542	0.002	0.999954

Method File Name

File Name _dept40_wholelist_is_5std.mth
Path C:\Elandata\Method_dept40_wholelist_is_5std.mth

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001506	-0.000	0.999996
B	11.009	Simple Linear	0.002237	0.003	0.999989
Na	22.990	Simple Linear	0.005099	-0.035	0.999992
Mg	23.985	Simple Linear	0.003117	0.002	0.999986
Al	26.982	Simple Linear	0.005113	0.003	0.999965
Si	27.977	Simple Linear	0.002771	0.165	0.999598
K	38.964	Simple Linear	0.009068	0.004	0.999994
Ca	43.956	Simple Linear	0.000238	0.010	0.999980
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000663	-0.000	0.999994
V	50.944	Simple Linear	0.010624	-0.016	0.999769
Cr	51.941	Simple Linear	0.008658	0.003	0.999975
Mn	54.938	Simple Linear	0.014771	-0.001	0.999996
Fe	56.935	Simple Linear	0.000455	0.001	0.998842
Ni	57.935	Simple Linear	0.012219	0.003	0.999995
Co	58.933	Simple Linear	0.025005	-0.004	0.999991
Ni	59.933	Simple Linear	0.005246	0.001	0.999991
Ni	61.928	Simple Linear	0.000774	0.000	0.999991
Cu	62.930	Simple Linear	0.011116	0.005	0.999997
Cu	64.928	Simple Linear	0.005266	0.002	0.999996
Zn	65.926	Simple Linear	0.002908	0.005	0.999726
Zn	67.925	Simple Linear	0.002043	0.003	0.999750
Ga	68.926	Simple Linear	0.019601	0.001	0.999998
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.002849	-0.001	0.999996
Se	76.920	Simple Linear	0.000197	0.002	0.996736
Se	81.917	Simple Linear	0.000059	-0.000	0.999999
Sr	87.906	Simple Linear	0.008268	-0.000	0.999998
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001217	0.000	1.000000
Mo	97.906	Simple Linear	0.001894	0.000	1.000000
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.003745	0.000	0.999993
Ag	108.905	Simple Linear	0.003457	0.001	0.999982
Cd	110.904	Simple Linear	0.000917	0.000	0.999997
Cd	113.904	Simple Linear	0.002101	0.000	0.999999
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002294	0.000	0.999994
Sn	119.902	Simple Linear	0.003178	0.000	0.999988
Sb	120.904	Simple Linear	0.002453	-0.000	0.999951
Sb	122.904	Simple Linear	0.001875	0.000	0.999957
Ba	134.906	Simple Linear	0.000642	0.000	0.999999
Ba	136.905	Simple Linear	0.001129	-0.000	0.999999
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000001	-0.000	0.926766

Tl	202.972	Simple Linear	0.002572	0.000	0.999999
Tl	204.975	Simple Linear	0.006619	-0.001	0.999993
Pb	207.977	Simple Linear	0.008454	0.002	0.999997
Bi	208.980	Simple Linear	0.007464	-0.001	0.999990
Th	232.038	Simple Linear	0.009504	-0.006	0.999968
U	238.050	Simple Linear	0.009834	-0.002	0.999990

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D0301 **Matrix:** Water **Department:** SVOC GCMS **Instrument:** MSD5

Injection Log

Data Directory: C:\MSD5\2011\APR\APR0111\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) S5040101.D				
SEQ-TUN	PCP,DFTPP,BENZ,DDT	100	1.000	1 Apr 2011 2:24 pm
2) S5040102.D				
SEQ-CCV	MC12320 >1mL=40ppm	1	1.000	1 Apr 2011 2:58 pm
3) S5040103.D				
SEQ-ICB	MB10749,1ml	2	1.000	1 Apr 2011 3:33 pm
4) S5040104.D				
1114230-BS1	1,50 PPM LCS,1000ml+	3	1.000	1 Apr 2011 4:08 pm
5) S5040105.D				
1114230-BSD1	1,50 PPM LCS,1000ml+	4	1.000	1 Apr 2011 4:43 pm
6) S5040106.D				
1114230-BLK1	1,METHOD BLANK,1000m	5	1.000	1 Apr 2011 5:17 pm
7) S5040107.D				
11C1255-15	1,SEVERSTAL,1000ml+1	6	1.000	1 Apr 2011 5:52 pm
8) S5040108.D				
11C1255-14	1,SEVERSTAL,1000ml+1	7	1.000	1 Apr 2011 6:27 pm
9) S5040109.D				
11C1673-01	1,UNIVERSAL,1000ml+1	8	1.000	1 Apr 2011 7:02 pm
10) S5040110.D				
11C1646-02	1,DRAPER,1000ml+1ml,	9	1.000	1 Apr 2011 7:36 pm
11) S5040111.D				
11C1646-01RE1	10,DRAPER,100ul/1ml,	10	1.000	1 Apr 2011 8:11 pm
12) S5040112.D				
11C1646-01	1,DRAPER,1000ml+1ml,	11	1.000	1 Apr 2011 8:46 pm
13) S5040113.D				
SEQ-ICB	MB10749,1ml	2	1.000	1 Apr 2011 9:20 pm
14) S5040114.D				
SEQ-CCV	MC12320>1ml=40ppm	1	1.000	1 Apr 2011 9:54 pm
15) S5040115.D				
SEQ-ICB	MB10749,1ml	2	1.000	1 Apr 2011 10:29 pm

GC/MS QA-QC Check Report

Tune File : C:\MSD5\2011\APR\APR0111\S5040101.D
Tune Time : 1 Apr 2011 2:24 pm

Daily Calibration File : C:\MSD5\2011\APR\APR0111\S5040102.D

(2FP)	(PHL)	(NBZ)	(FBP)	(DCB)	(NPT)	(ANT)
				55075	206406	115745
(TBP)	(TPH)			(PHN)	(CRY)	(PRY)
				165766	182421	159466

File	Sample	Surrogate Recovery %				Internal Standard Responses		
S5040102.D								
	SEQ-CCV	55	54	83	79	55075	206406	115745
		54	71			165766	182421	159466
S5040103.D								
	SEQ-ICB	100*	99*	96	93	39984	154333	84516
		72	92			135825	122264	103716
S5040104.D								
	1114230-BS	47	32	68	65	63526	238172	139473
		69	68			204028	210565	182190
S5040105.D								
	1114230-BS	57	39	81	77	69692	262235	152795
		80	80			230510	237610	202528
S5040106.D								
	1114230-BL	46	32	72	66	73789	270635	152991
		66	73			240536	222575	200805
S5040107.D								
	11C1255-15	33	24	55	54	58398	212939	119174
		59	47			193708	196371	174839
S5040108.D								
	11C1255-14	47	33	71	68	62704	238439	151216
		70	67			241376	244289	194717
S5040109.D								
	11C1673-01	54	37	77	74	58267	217854	120306
		74	68			198064	183068	157936
S5040110.D								
	11C1646-02	48	34	65	64	70355	263624	150332
		61	59			243435	229376	196557
S5040111.D								
	11C1646-01	4*	3*	8*	5*	70131	255139	150656
		4*	4*			241594	234546	203101
S5040112.D								
	11C1646-01	46	34	73	59	62991	256043	149417
		60	51			237945	227732	143680
S5040113.D								
	SEQ-ICB	102*	98*	99	92	53532	193694	108393
		87	91			173351	159163	138197
S5040114.D								
	SEQ-CCV	58	58	79	78	63706	246155	141725
		54	74			199344	224343	184920
S5040115.D								

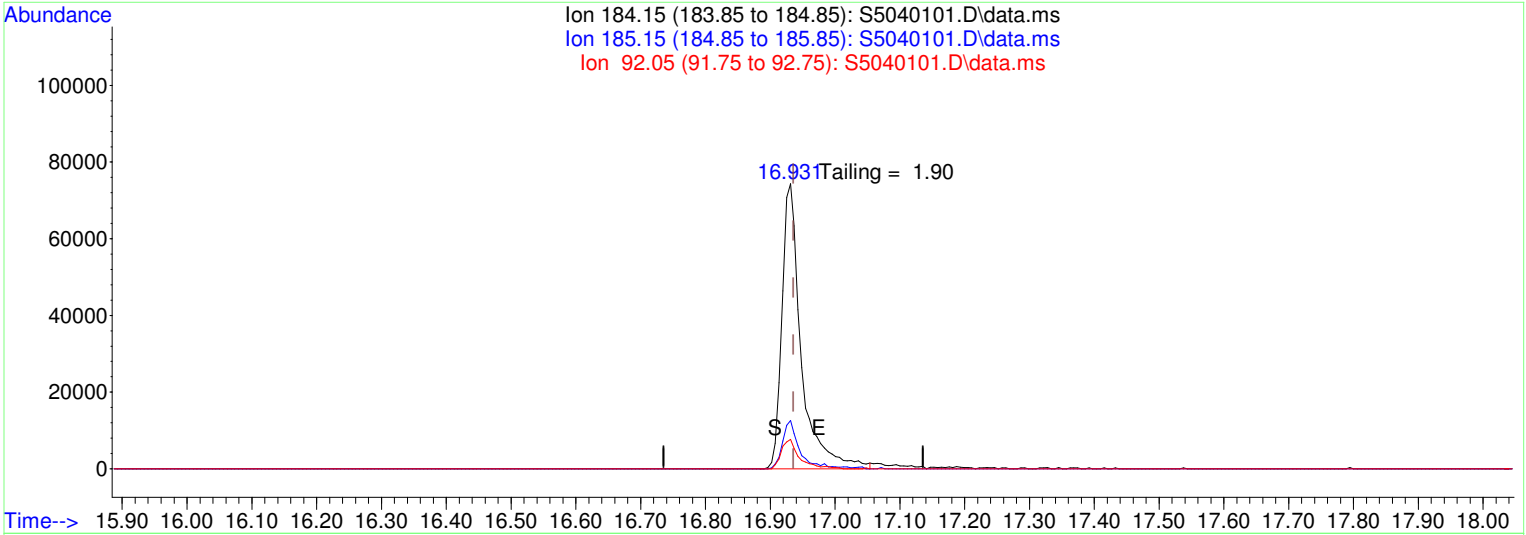
SEQ-ICB	101*	98*	99	93	50531	185859	104745
	86	90			166328	152600	131881

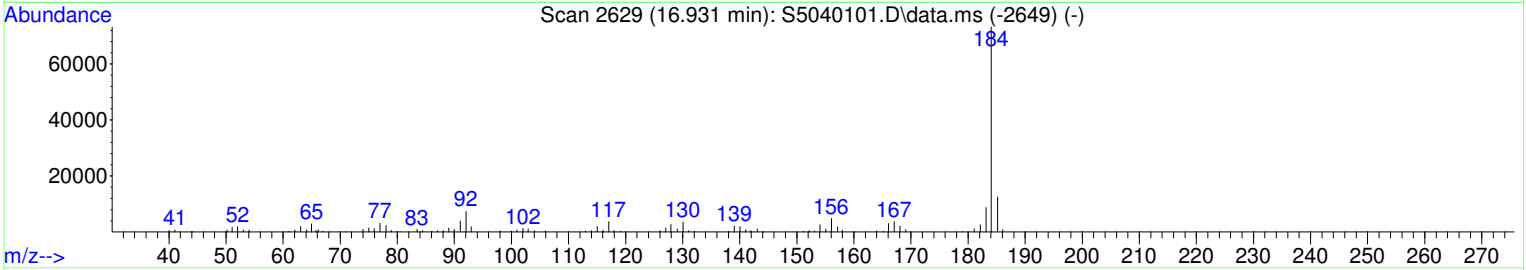
(fails) - fails 12hr time check * - fails criteria

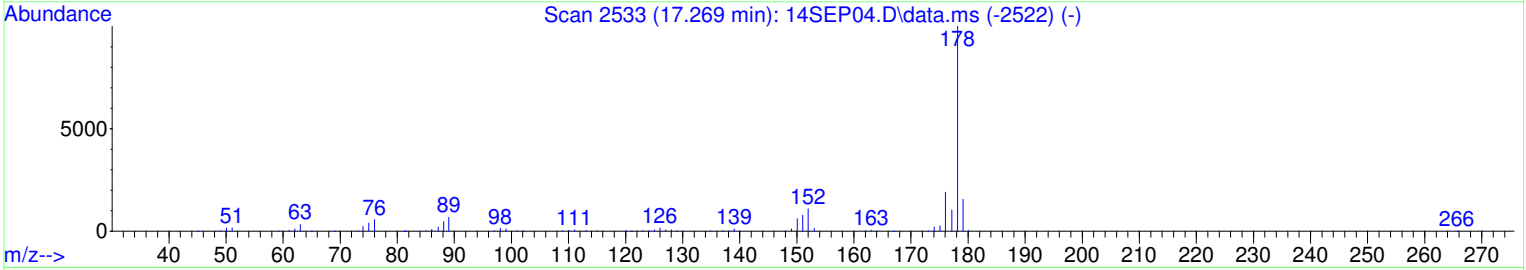
Created: Sun Apr 03 17:10:29 2011 MSD5

Data File : C:\MSD5\2011\APR\APR0111\S5040101.D Vial: 100
Acq On : 1 Apr 2011 2:24 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 01 15:07:42 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5040101.D\data.ms

(12) Benzidine

16.931min (-0.005) 0.00 ug/mL

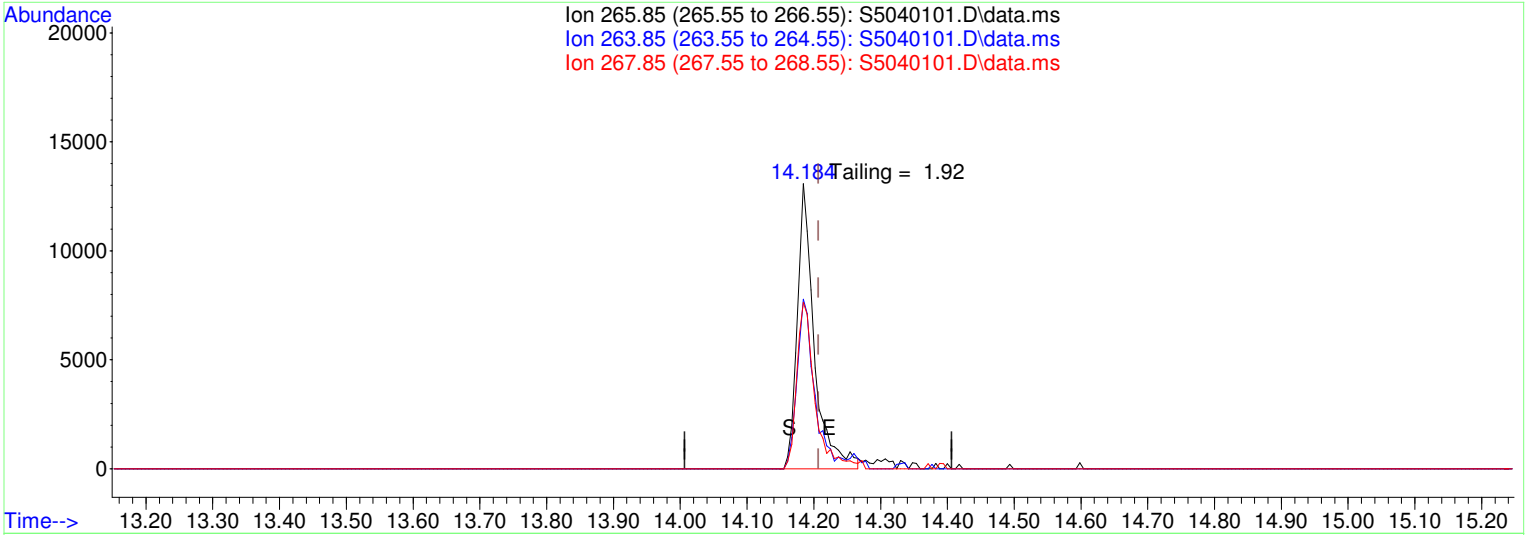
response 154009

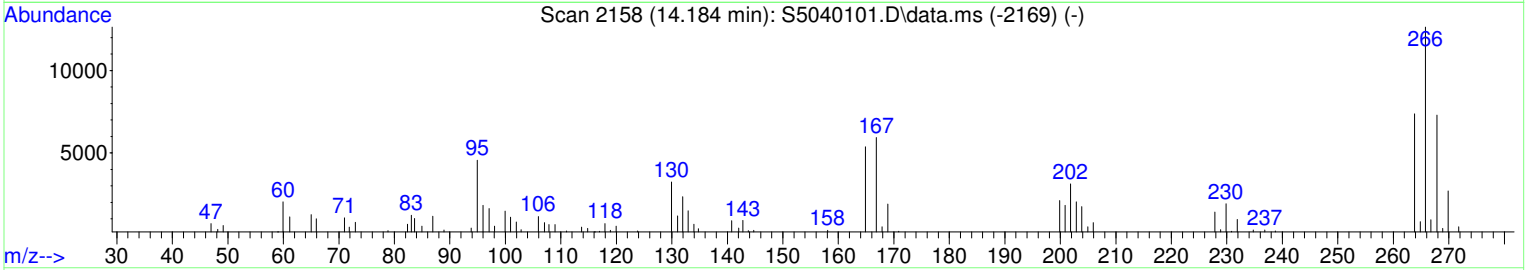
Ion	Exp%	Act%
184.15	100	100
185.15	14.50	16.89
92.05	8.50	10.29
0.00	0.00	0.00

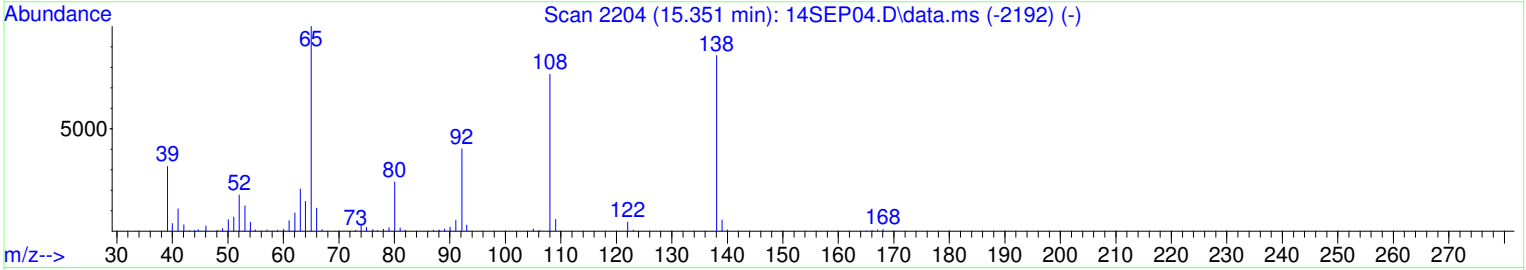
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\APR\APR0111\S5040101.D Vial: 100
Acq On : 1 Apr 2011 2:24 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 01 15:07:42 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5040101.D\data.ms

(10) Pentachlorophenol (CM*)

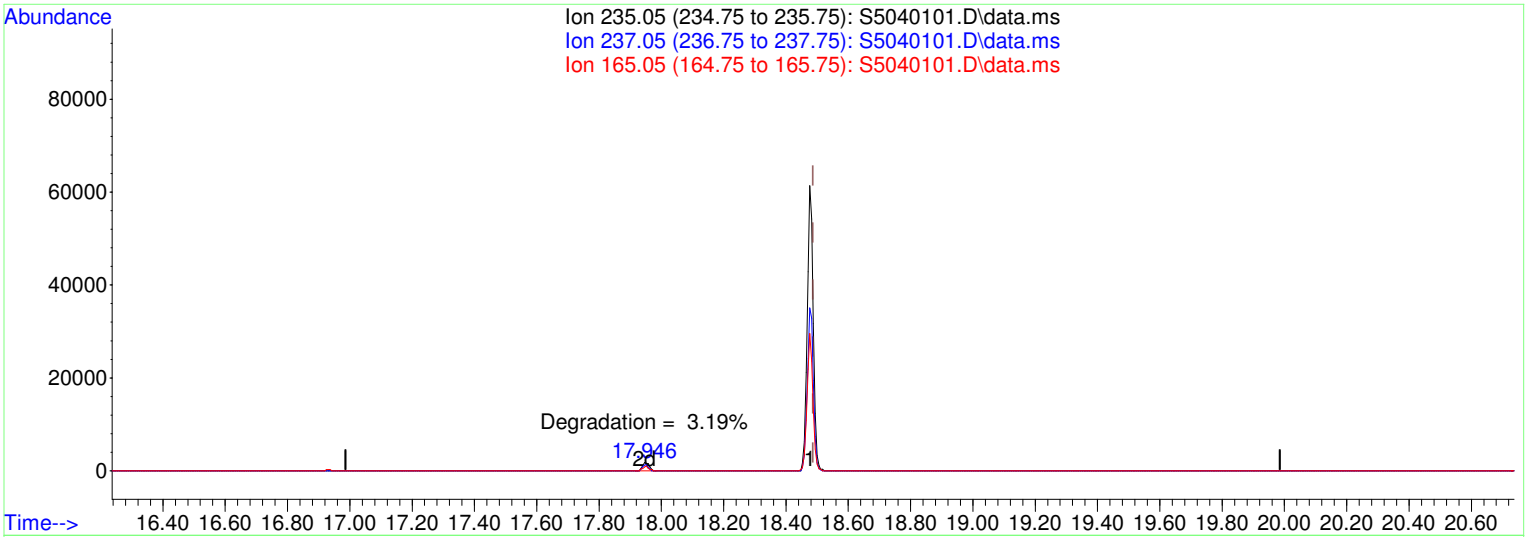
14.184min (-0.023) 0.00 ug/mL

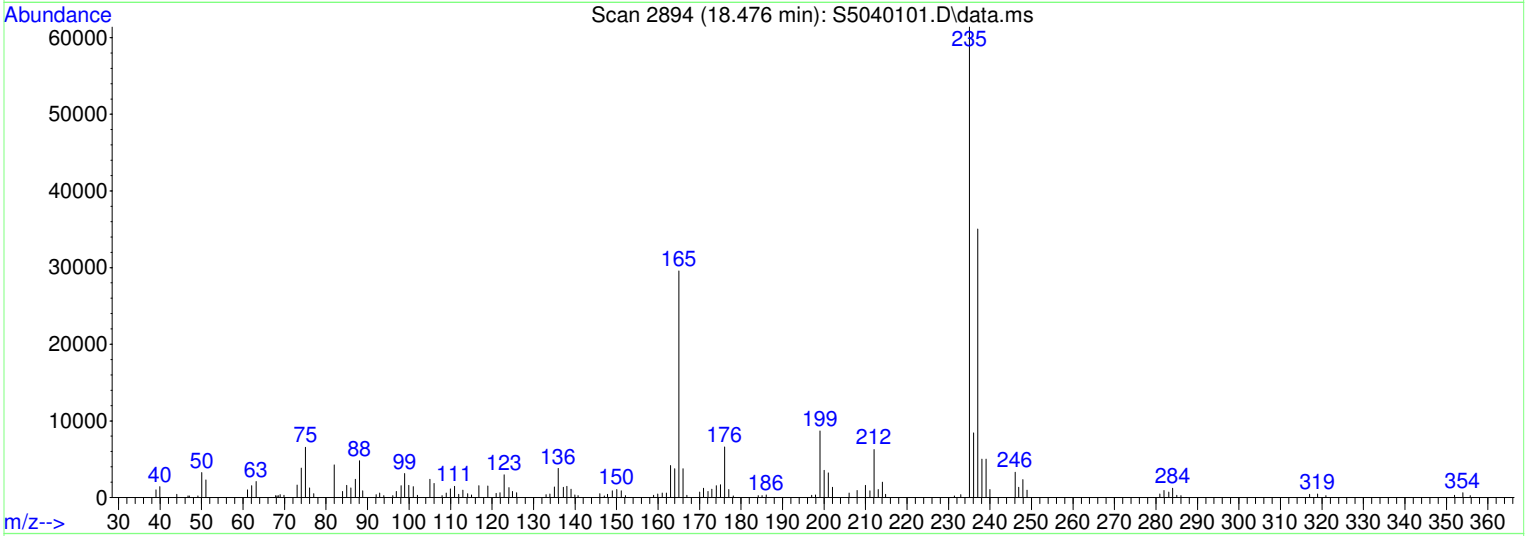
response 22594

Ion	Exp%	Act%
265.85	100	100
263.85	61.50	59.48
267.85	62.40	58.41
0.00	0.00	0.00

Data File : C:\MSD5\2011\APR\APR0111\S5040101.D Vial: 100
Acq On : 1 Apr 2011 2:24 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 01 15:07:42 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration





TIC: S5040101.D\data.ms

(7) p,p'-DDT

18.476min (-0.011) 0.00 ug/mL

response 82838

Ion	Exp%	Act%
235.05	100	100
237.05	64.80	58.23
165.05	49.40	46.71
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0111\S5040102.D Vial: 1
Acq On : 1 Apr 2011 2:58 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Apr 03 16:46:21 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	85	-0.02
2		N-Nitrosodimethylamine	40.000	41.396	-3.5	84	-0.05
3	T	Pyridine	40.000	40.716	-1.8	82	-0.06
4	S	2-Fluorophenol	40.000	40.968	-2.4	85	-0.03
5		Pentachloroethane	40.000	40.448	-1.1	85	-0.02
6		Aniline	40.000	41.209	-3.0	86	-0.03
7	T	bis(2-Chloroethyl)ether	40.000	38.255	4.4	84	-0.03
8	S	Phenol-d5	40.000	40.662	-1.7	85	-0.03
9	CM*	Phenol	40.000	41.909	-4.8	88	-0.03
10	M	2-Chlorophenol	40.000	40.414	-1.0	87	-0.03
11	T	1,3-Dichlorobenzene	40.000	40.653	-1.6	86	-0.02
12	CM*	1,4-Dichlorobenzene	40.000	40.284	-0.7	86	-0.03
13	T	1,2-Dichlorobenzene	40.000	39.745	0.6	85	-0.02
14	T	Benzyl alcohol	40.000	38.791	3.0	80	-0.03
15	T	bis(2-chloroisopropyl)ether	40.000	39.809	0.5	85	-0.02
16	T	2-Methylphenol	40.000	41.014	-2.5	86	-0.03
17	T	Hexachloroethane	40.000	40.117	-0.3	87	-0.02
18	PM**	N-Nitroso-di-n-propylamine	40.000	39.770	0.6	85	-0.03
19	T	4-Methylphenol,3-Methylphen	40.000	40.837	-2.1	86	-0.03
20	I	Naphthalene-d8	40.000	40.000	0.0	86	-0.02
21	S	Nitrobenzene-d5	40.000	41.569	-3.9	90	-0.02
22	T	Nitrobenzene	40.000	41.072	-2.7	87	-0.03
23	T	Isophorone	40.000	38.976	2.6	84	-0.02
24	CT*	2-Nitrophenol	40.000	38.185	4.5	80	-0.02
25	T	2,4-Dimethylphenol	40.000	43.481	-8.7	93	-0.03
26	T	bis(2-Chloroethoxy)methane	40.000	37.973	5.1	82	-0.02
27	CT*	2,4-Dichlorophenol	40.000	39.907	0.2	82	-0.03
28	M	1,2,4-Trichlorobenzene	40.000	39.379	1.6	84	-0.03
29	T	Naphthalene	40.000	39.881	0.3	87	-0.02
30	T	4-Chloroaniline	40.000	39.632	0.9	84	-0.02
31	T	Benzoic Acid	40.000	33.111	17.2	75	-0.07
32	CT*	Hexachlorobutadiene	40.000	38.985	2.5	82	-0.02
33		Resorcinol	40.000	44.916	-12.3	99	-0.03
34	CM*	4-Chloro-3-methylphenol	40.000	38.322	4.2	81	-0.02
35	T	2-Methylnaphthalene	40.000	38.054	4.9	84	-0.02
36		1-Methylnaphthalene	40.000	38.628	3.4	84	-0.03
37	I	Acenaphthene-d10	40.000	40.000	0.0	84	-0.02
38	PT**	Hexachlorocyclopentadiene	40.000	35.502	11.2	74	-0.02
39	CT*	2,4,6-Trichlorophenol	40.000	40.303	-0.8	82	-0.02
40	T	2,4,5-Trichlorophenol	40.000	40.455	-1.1	81	-0.02
41	S	2-Fluorobiphenyl	40.000	39.574	1.1	82	-0.02
42	T	2-Chloronaphthalene	40.000	40.135	-0.3	82	-0.02
43	T	2-Nitroaniline	40.000	42.929	-7.3	86	-0.03
44		1,4-Dinitrobenzene	40.000	40.005	-0.0	85	-0.03
45	T	Acenaphthylene	40.000	40.589	-1.5	82	-0.02
46	T	Dimethylphthalate	40.000	38.953	2.6	83	-0.03
47		1,3-Dinitrobenzene	40.000	36.830	7.9	78	-0.03
48		1,2-Dinitrobenzene	40.000	36.830	7.9	78	-0.03
49	T	2,6-Dinitrotoluene	40.000	39.446	1.4	81	-0.03
50	CM*	Acenaphthene	40.000	40.275	-0.7	82	-0.03
51	T	3-Nitroaniline	40.000	41.005	-2.5	83	-0.03
52	PT**	2,4-Dinitrophenol	40.000	29.505	26.2	54	-0.02
53	T	Dibenzofuran	40.000	39.800	0.5	82	-0.03

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0111\S5040102.D Vial: 1
Acq On : 1 Apr 2011 2:58 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Apr 03 16:46:21 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	40.346	-0.9	81	-0.02
55		2,3,4,6-Tetrachlorophenol	40.000	38.641	3.4	77	-0.03
56	M	2,4-Dinitrotoluene	40.000	41.108	-2.8	79	-0.03
57	PM**	4-Nitrophenol	40.000	35.748	10.6	75	-0.02
58	T	Fluorene	40.000	39.285	1.8	81	-0.03
59	T	4-Chlorophenyl-phenylether	40.000	37.200	7.0	76	-0.03
60	T	Diethylphthalate	40.000	37.782	5.5	79	-0.03
61	T	1,2-Diphenylhydrazine (Azob	40.000	38.280	4.3	79	-0.03
62	T	4-Nitroaniline	40.000	41.005	-2.5	83	-0.03
63	I	Phenanthrene-d10	40.000	40.000	0.0	81	-0.03
64	T	4,6-Dinitro-2-methylphenol	40.000	33.120	17.2	67	-0.03
65	CT*	n-Nitrosodiphenylamine	40.000	38.403	4.0	82	-0.03
66	S	2,4,6-Tribromophenol	40.000	40.325	-0.8	79	-0.02
67	T	4-Bromophenyl-phenylether	40.000	38.801	3.0	83	-0.02
68	T	Hexachlorobenzene	40.000	39.072	2.3	79	-0.03
69	CM*	Pentachlorophenol	40.000	35.957	10.1	77	-0.02
70	T	Phenanthrene	40.000	40.049	-0.1	82	-0.03
71	T	Anthracene	40.000	39.416	1.5	80	-0.03
72	T	Carbazole	40.000	40.302	-0.8	81	-0.03
73	T	Di-n-butylphthalate	40.000	35.290	11.8	70	-0.02
74	CT*	Fluoranthene	40.000	38.928	2.7	76	-0.03
75	I	Chrysene-d12	40.000	40.000	0.0	82	-0.03
76	M	Pyrene	40.000	37.892	5.3	78	-0.03
77		Benzidine	40.000	33.402	16.5	66	-0.03
78	S	Terphenyl-d14	40.000	35.417	11.5	74	-0.03
79		3,3'-Dimethylbenzidine	40.000	35.081	12.3	69	-0.03
80	T	Butylbenzylphthalate	40.000	34.588	13.5	71	-0.03
81		bis(2-ethylhexyl)adipate	40.000	29.013	27.5	60	-0.02
82	T	3,3'-Dichlorobenzidine	40.000	37.631	5.9	76	-0.03
83	T	Benzo[a]anthracene	40.000	38.527	3.7	79	-0.03
84	T	Chrysene	40.000	39.900	0.3	80	-0.03
85	T	bis(2-Ethylhexyl)phthalate	40.000	31.129	22.2	63	-0.03
86	I	Perylene-d12	40.000	40.000	0.0	88	-0.03
87	CT*	Di-n-octylphthalate	40.000	28.633	28.4	64	-0.02
88	T	Benzo[b]fluoranthene	40.000	38.494	3.8	86	-0.03
89	T	Benzo[k]fluoranthene	40.000	40.011	-0.0	87	-0.03
90	CT*	Benzo[a]pyrene	40.000	40.320	-0.8	88	-0.03
91	T	Indeno[1,2,3-cd]pyrene	40.000	37.041	7.4	80	-0.03
92	T	Dibenz[a,h]anthracene	40.000	34.878	12.8	77	-0.03
93	T	Benzo[g,h,i]perylene	40.000	38.578	3.6	86	-0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0111\S5040114.D Vial: 1
Acq On : 1 Apr 2011 9:54 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Apr 03 16:47:33 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	98	-0.02
2		N-Nitrosodimethylamine	40.000	44.727	-11.8	106	-0.05
3	T	Pyridine	40.000	44.641	-11.6	104	-0.06
4	S	2-Fluorophenol	40.000	43.273	-8.2	104	-0.02
5		Pentachloroethane	40.000	40.491	-1.2	99	-0.02
6		Aniline	40.000	42.634	-6.6	103	-0.03
7	T	bis(2-Chloroethyl)ether	40.000	41.326	-3.3	105	-0.03
8	S	Phenol-d5	40.000	43.398	-8.5	105	-0.02
9	CM*	Phenol	40.000	43.264	-8.2	105	-0.02
10	M	2-Chlorophenol	40.000	41.859	-4.6	104	-0.02
11	T	1,3-Dichlorobenzene	40.000	41.442	-3.6	101	-0.02
12	CM*	1,4-Dichlorobenzene	40.000	42.147	-5.4	104	-0.03
13	T	1,2-Dichlorobenzene	40.000	41.455	-3.6	102	-0.03
14	T	Benzyl alcohol	40.000	41.622	-4.1	100	-0.03
15	T	bis(2-chloroisopropyl)ether	40.000	40.738	-1.8	100	-0.02
16	T	2-Methylphenol	40.000	41.466	-3.7	100	-0.02
17	T	Hexachloroethane	40.000	41.346	-3.4	104	-0.02
18	PM**	N-Nitroso-di-n-propylamine	40.000	41.931	-4.8	103	-0.02
19	T	4-Methylphenol,3-Methylphen	40.000	42.048	-5.1	102	-0.02
20	I	Naphthalene-d8	40.000	40.000	0.0	103	-0.02
21	S	Nitrobenzene-d5	40.000	39.563	1.1	102	-0.02
22	T	Nitrobenzene	40.000	40.985	-2.5	104	-0.03
23	T	Isophorone	40.000	38.989	2.5	100	-0.02
24	CT*	2-Nitrophenol	40.000	41.900	-4.7	105	-0.02
25	T	2,4-Dimethylphenol	40.000	39.789	0.5	101	-0.02
26	T	bis(2-Chloroethoxy)methane	40.000	37.903	5.2	98	-0.02
27	CT*	2,4-Dichlorophenol	40.000	39.913	0.2	98	-0.02
28	M	1,2,4-Trichlorobenzene	40.000	38.629	3.4	99	-0.02
29	T	Naphthalene	40.000	39.064	2.3	101	-0.02
30	T	4-Chloroaniline	40.000	39.951	0.1	101	-0.02
31	T	Benzoic Acid	40.000	39.678	0.8	112	-0.06
32	CT*	Hexachlorobutadiene	40.000	38.381	4.0	96	-0.02
33		Resorcinol	40.000	32.150	19.6	85	-0.04
34	CM*	4-Chloro-3-methylphenol	40.000	40.711	-1.8	103	-0.01
35	T	2-Methylnaphthalene	40.000	39.562	1.1	104	-0.02
36		1-Methylnaphthalene	40.000	39.352	1.6	102	-0.02
37	I	Acenaphthene-d10	40.000	40.000	0.0	102	-0.02
38	PT**	Hexachlorocyclopentadiene	40.000	35.513	11.2	90	-0.02
39	CT*	2,4,6-Trichlorophenol	40.000	40.729	-1.8	101	-0.02
40	T	2,4,5-Trichlorophenol	40.000	43.848	-9.6	107	-0.01
41	S	2-Fluorobiphenyl	40.000	38.816	3.0	99	-0.02
42	T	2-Chloronaphthalene	40.000	40.043	-0.1	100	-0.02
43	T	2-Nitroaniline	40.000	41.437	-3.6	102	-0.02
44		1,4-Dinitrobenzene	40.000	39.543	1.1	103	-0.03
45	T	Acenaphthylene	40.000	40.381	-1.0	100	-0.02
46	T	Dimethylphthalate	40.000	39.399	1.5	102	-0.03
47		1,3-Dinitrobenzene	40.000	39.737	0.7	103	-0.02
48		1,2-Dinitrobenzene	40.000	39.737	0.7	103	-0.02
49	T	2,6-Dinitrotoluene	40.000	39.237	1.9	98	-0.03
50	CM*	Acenaphthene	40.000	39.304	1.7	98	-0.03
51	T	3-Nitroaniline	40.000	41.127	-2.8	102	-0.03
52	PT**	2,4-Dinitrophenol	40.000	37.294	6.8	94	-0.02
53	T	Dibenzofuran	40.000	39.470	1.3	99	-0.02

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0111\S5040114.D Vial: 1
Acq On : 1 Apr 2011 9:54 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Apr 03 16:47:33 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	40.581	-1.5	100	-0.02
55		2,3,4,6-Tetrachlorophenol	40.000	38.234	4.4	93	-0.02
56	M	2,4-Dinitrotoluene	40.000	41.318	-3.3	98	-0.03
57	PM**	4-Nitrophenol	40.000	43.875	-9.7	114	0.00
58	T	Fluorene	40.000	39.194	2.0	98	-0.02
59	T	4-Chlorophenyl-phenylether	40.000	37.663	5.8	95	-0.02
60	T	Diethylphthalate	40.000	37.201	7.0	95	-0.03
61	T	1,2-Diphenylhydrazine (Azob	40.000	37.469	6.3	94	-0.02
62	T	4-Nitroaniline	40.000	41.127	-2.8	102	-0.03
63	I	Phenanthrene-d10	40.000	40.000	0.0	97	-0.02
64	T	4,6-Dinitro-2-methylphenol	40.000	38.777	3.1	96	-0.02
65	CT*	n-Nitrosodiphenylamine	40.000	38.025	4.9	98	-0.02
66	S	2,4,6-Tribromophenol	40.000	40.866	-2.2	96	-0.02
67	T	4-Bromophenyl-phenylether	40.000	38.850	2.9	99	-0.02
68	T	Hexachlorobenzene	40.000	40.713	-1.8	99	-0.03
69	CM*	Pentachlorophenol	40.000	33.913	15.2	86	-0.02
70	T	Phenanthrene	40.000	40.455	-1.1	99	-0.03
71	T	Anthracene	40.000	40.349	-0.9	99	-0.03
72	T	Carbazole	40.000	41.462	-3.7	100	-0.03
73	T	Di-n-butylphthalate	40.000	38.086	4.8	90	-0.02
74	CT*	Fluoranthene	40.000	40.917	-2.3	97	-0.03
75	I	Chrysene-d12	40.000	40.000	0.0	101	-0.03
76	M	Pyrene	40.000	38.364	4.1	97	-0.03
77		Benzidine	40.000	34.792	13.0	84	-0.02
78	S	Terphenyl-d14	40.000	36.829	7.9	95	-0.03
79		3,3'-Dimethylbenzidine	40.000	37.335	6.7	91	-0.03
80	T	Butylbenzylphthalate	40.000	35.793	10.5	90	-0.03
81		bis(2-ethylhexyl)adipate	40.000	32.459	18.9	83	-0.02
82	T	3,3'-Dichlorobenzidine	40.000	40.549	-1.4	100	-0.03
83	T	Benzo[a]anthracene	40.000	39.489	1.3	100	-0.03
84	T	Chrysene	40.000	39.617	1.0	98	-0.04
85	T	bis(2-Ethylhexyl)phthalate	40.000	33.234	16.9	83	-0.02
86	I	Perylene-d12	40.000	40.000	0.0	103	-0.03
87	CT*	Di-n-octylphthalate	40.000	34.228	14.4	88	-0.02
88	T	Benzo[b]fluoranthene	40.000	40.129	-0.3	104	-0.03
89	T	Benzo[k]fluoranthene	40.000	42.286	-5.7	107	-0.03
90	CT*	Benzo[a]pyrene	40.000	41.249	-3.1	104	-0.03
91	T	Indeno[1,2,3-cd]pyrene	40.000	40.036	-0.1	100	-0.04
92	T	Dibenz[a,h]anthracene	40.000	37.505	6.2	96	-0.04
93	T	Benzo[g,h,i]perylene	40.000	42.696	-6.7	111	-0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D0401 **Matrix:** Water **Department:** SVOC GCMS **Instrument:** MSD5

Injection Log

Data Directory: C:\MSD5\2011\APR\APR0311\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) S5040301.D				
SEQ-TUN	PCP,DFTPP,BENZ,DDT	100	1.000	3 Apr 2011 4:19 pm
2) S5040302.D				
SEQ-CCV	MC12320 >1mL=40ppm	1	1.000	3 Apr 2011 4:52 pm
3) S5040303.D				
SEQ-ICB	MB10749,1ml	2	1.000	3 Apr 2011 5:27 pm
4) S5040304.D				
11C1255-14RE1	5,SEVERSTAL,200ul/1m	3	1.000	3 Apr 2011 6:01 pm
5) S5040305.D				
SEQ-ICB	MB10749,1ml	2	1.000	3 Apr 2011 6:35 pm
6) S5040306.D				
SEQ-CCV	MC12320>1ml=40ppm	1	1.000	3 Apr 2011 7:09 pm
7) S5040307.D				
SEQ-ICB	MB10749,1ml	2	1.000	3 Apr 2011 7:43 pm

GC/MS QA-QC Check Report

Tune File : C:\MSD5\2011\APR\APR0311\S5040301.D
Tune Time : 3 Apr 2011 4:19 pm

Daily Calibration File : C:\MSD5\2011\APR\APR0311\S5040302.D

(2FP)	(PHL)	(NBZ)	(FBP)	(DCB)	(NPT)	(ANT)
				65063	251293	145493

(TBP)	(TPH)	(PHN)	(CRY)	(PRY)
		217755	213889	166418

File	Sample	Surrogate Recovery %				Internal Standard Responses		
S5040302.D								
	SEQ-CCV	55	57	82	78	65063	251293	145493
		52	80			217755	213889	166418
S5040303.D								
	SEQ-ICB	99*	97*	92	93	42174	161450	90041
		82	93			148046	135677	106652
S5040304.D								
	11C1255-14	9*	7*	15*	14*	78074	295402	171724
		14*	15*			277253	242498	213470
S5040305.D								
	SEQ-ICB	100*	97*	96	92	44235	165611	91487
		85	93			150786	141124	110220
S5040306.D								
	SEQ-CCV	57	56	82	76	62198	237271	143548
		52	81			208236	206850	164011
S5040307.D								
	SEQ-ICB	95*	92*	97	93	44726	160336	91511
		78	95			153919	139918	107520

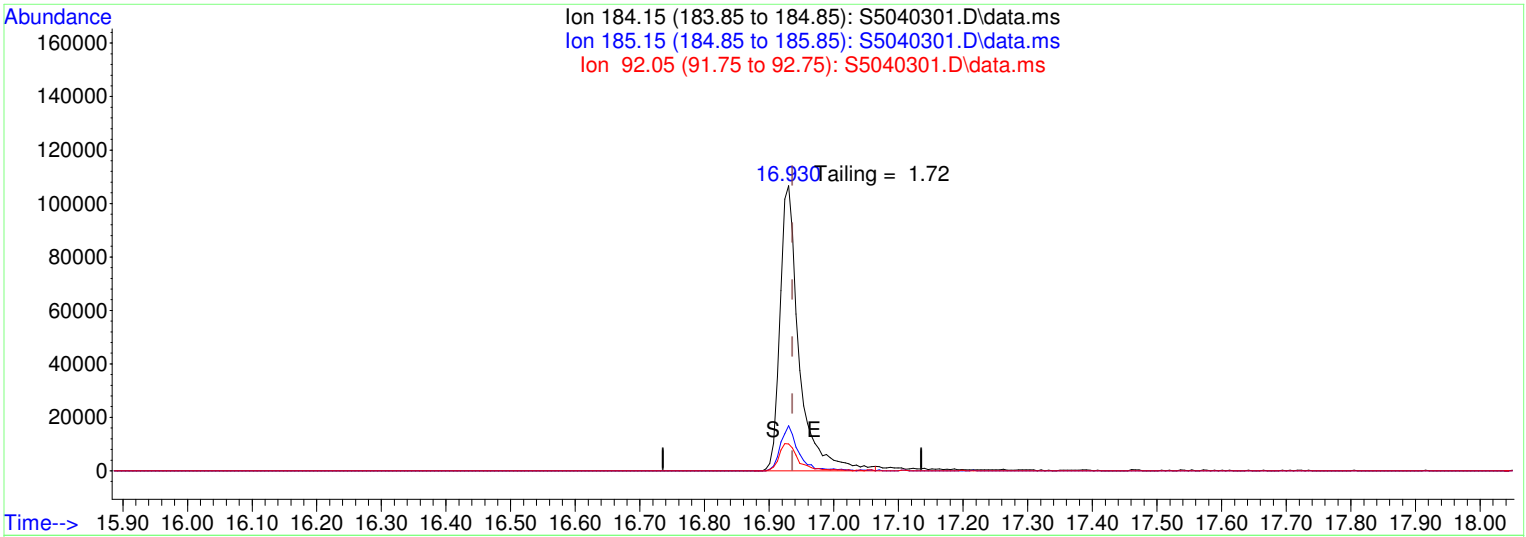
(fails) - fails 12hr time check * - fails criteria

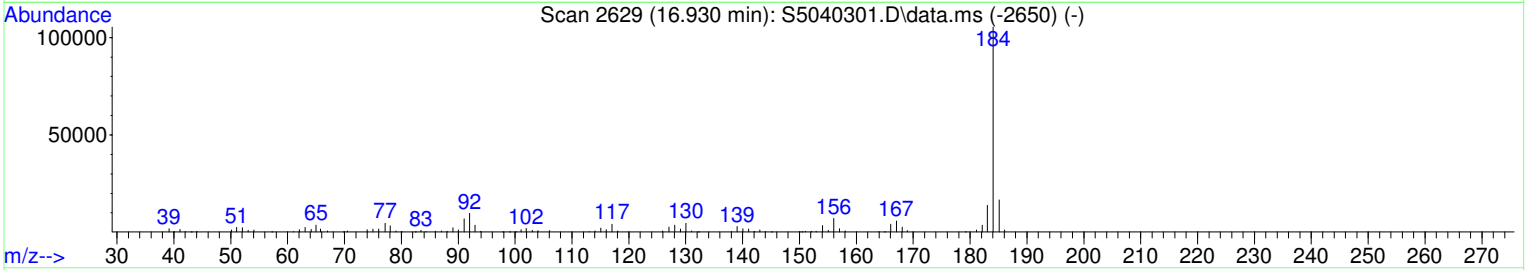
Created: Mon Apr 04 06:39:15 2011 MSD5

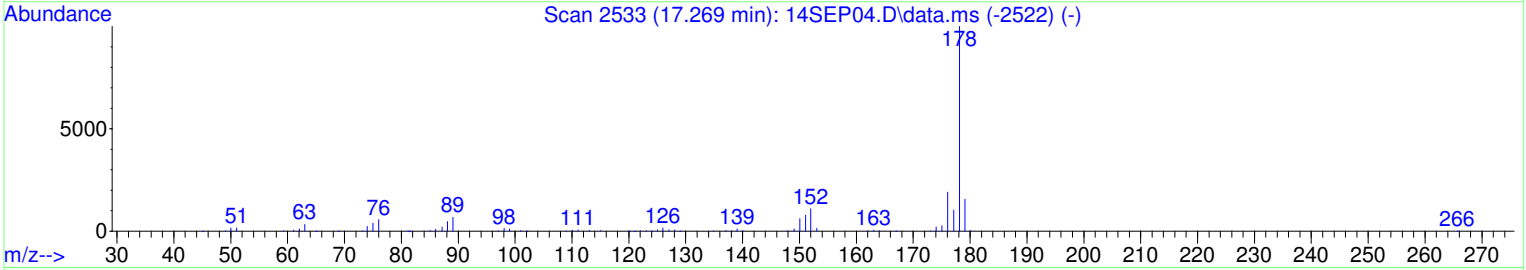
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\APR\APR0311\S5040301.D Vial: 100
Acq On : 3 Apr 2011 4:19 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 04 06:35:50 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5040301.D\data.ms

(12) Benzidine

16.930min (-0.006) 0.00 ug/mL

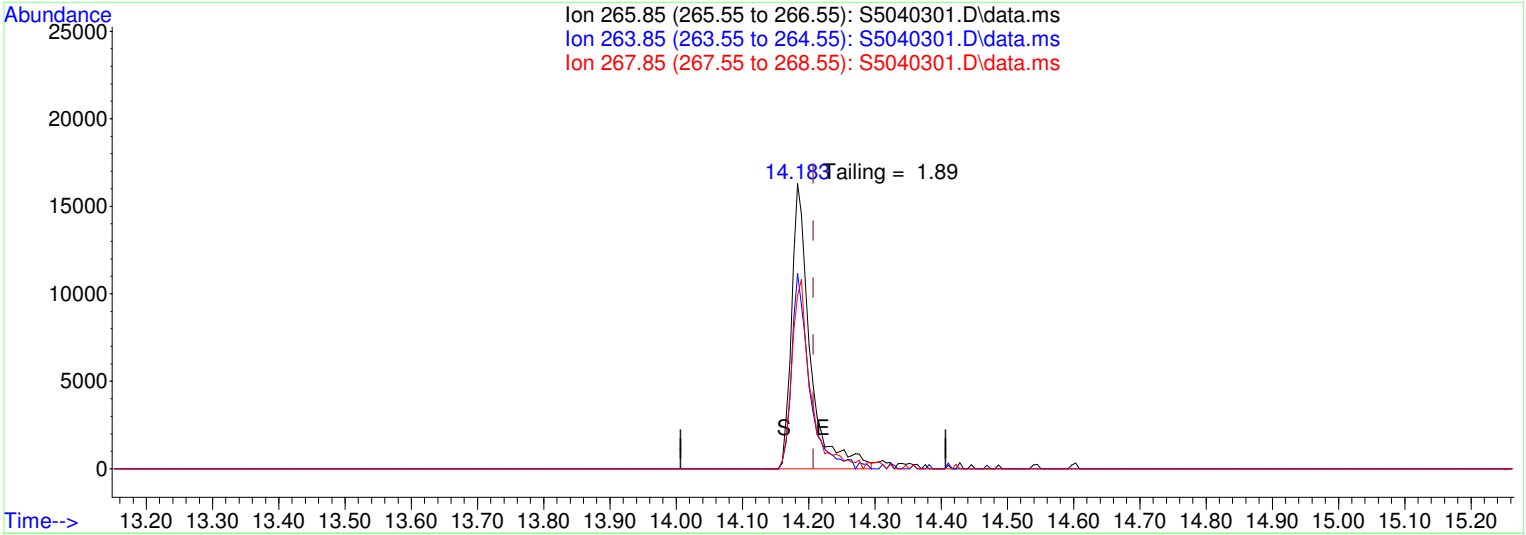
response 218884

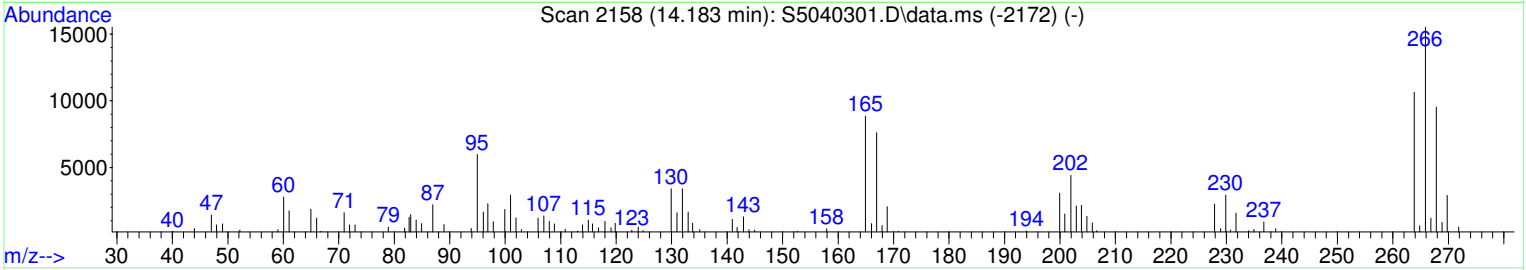
Ion	Exp%	Act%
184.15	100	100
185.15	14.50	15.84
92.05	8.50	9.39
0.00	0.00	0.00

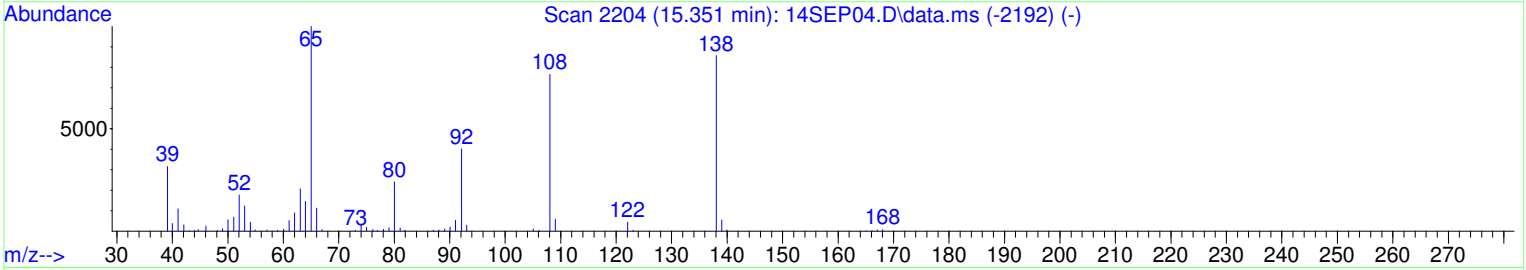
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\APR\APR0311\S5040301.D Vial: 100
Acq On : 3 Apr 2011 4:19 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 04 06:35:50 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5040301.D\data.ms

(10) Pentachlorophenol (CM*)

14.183min (-0.024) 0.00 ug/mL

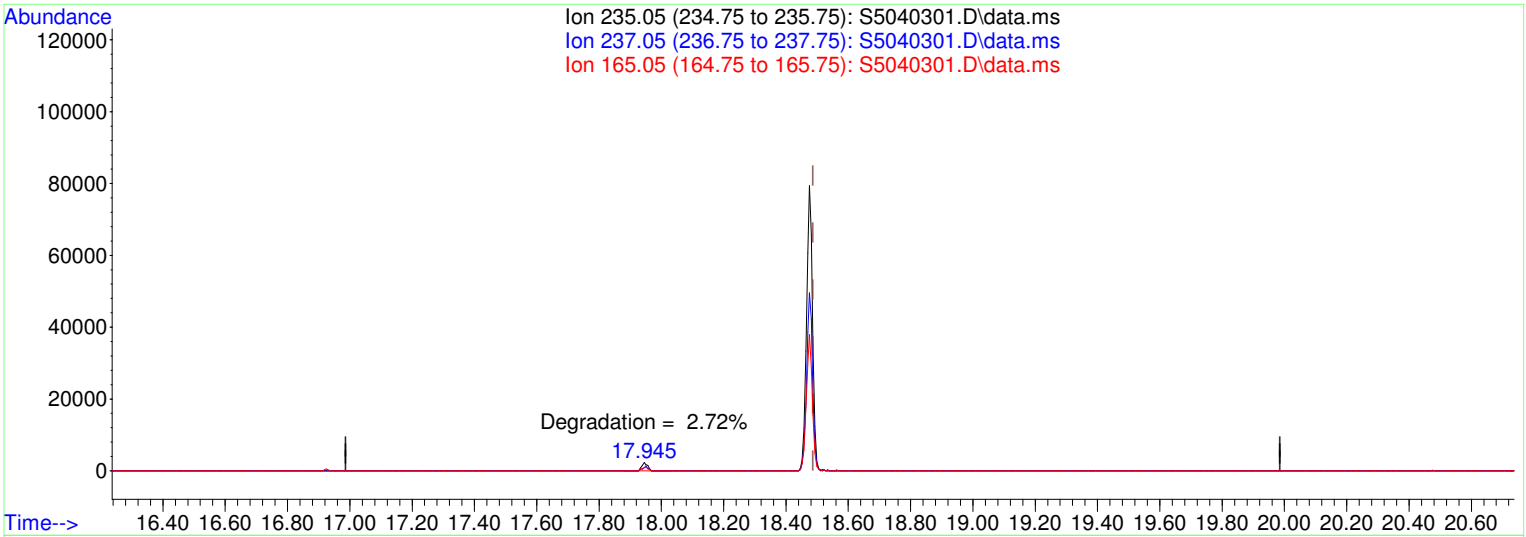
response 30799

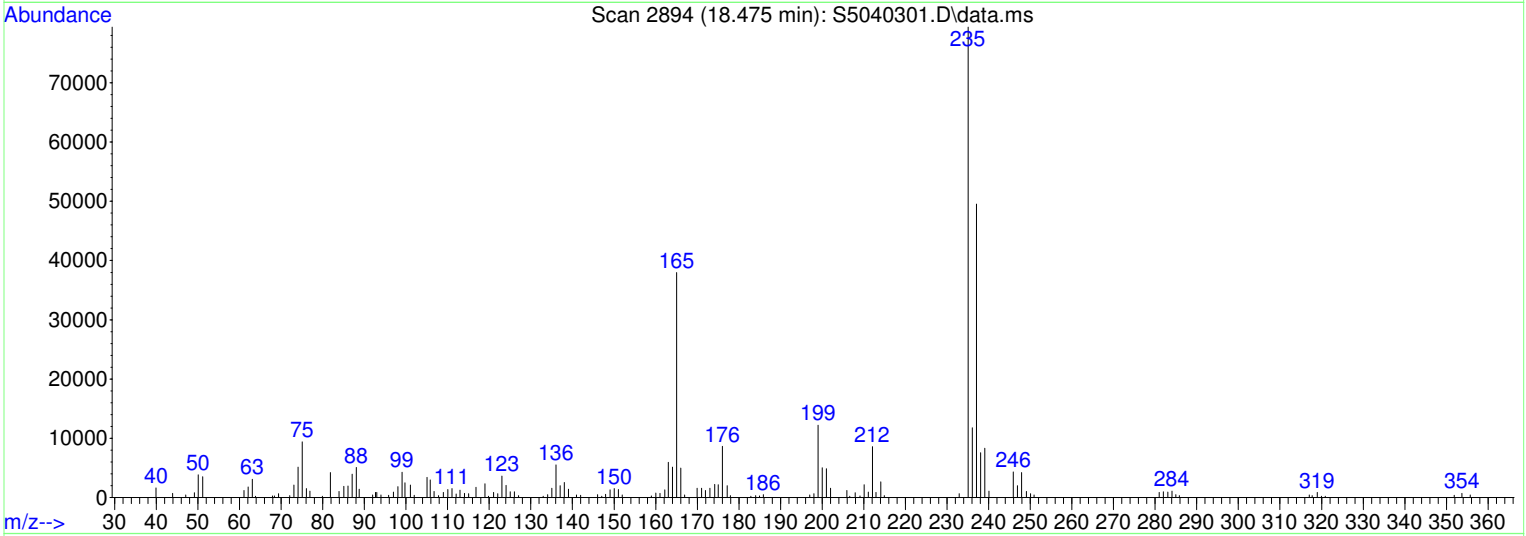
Ion	Exp%	Act%
265.85	100	100
263.85	61.50	68.41
267.85	62.40	60.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSD5\2011\APR\APR0311\S5040301.D Vial: 100
Acq On : 3 Apr 2011 4:19 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 04 06:35:50 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration





TIC: S5040301.D\data.ms

(7) p,p'-DDT

18.475min (-0.012) 0.00 ug/mL

response 106945

Ion	Exp%	Act%
235.05	100	100
237.05	64.80	62.29
165.05	49.40	47.28
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0311\S5040302.D Vial: 1
Acq On : 3 Apr 2011 4:52 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Apr 04 06:34:50 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	100	-0.03
2		N-Nitrosodimethylamine	40.000	43.237	-8.1	104	-0.06
3	T	Pyridine	40.000	43.178	-7.9	103	-0.05
4	S	2-Fluorophenol	40.000	41.569	-3.9	102	-0.03
5		Pentachloroethane	40.000	39.884	0.3	99	-0.02
6		Aniline	40.000	42.618	-6.5	105	-0.03
7	T	bis(2-Chloroethyl)ether	40.000	41.125	-2.8	107	-0.03
8	S	Phenol-d5	40.000	43.048	-7.6	106	-0.03
9	CM*	Phenol	40.000	42.703	-6.8	106	-0.03
10	M	2-Chlorophenol	40.000	41.476	-3.7	106	-0.03
11	T	1,3-Dichlorobenzene	40.000	41.127	-2.8	102	-0.03
12	CM*	1,4-Dichlorobenzene	40.000	41.833	-4.6	106	-0.03
13	T	1,2-Dichlorobenzene	40.000	41.645	-4.1	105	-0.03
14	T	Benzyl alcohol	40.000	40.692	-1.7	100	-0.03
15	T	bis(2-chloroisopropyl)ether	40.000	42.069	-5.2	106	-0.02
16	T	2-Methylphenol	40.000	42.281	-5.7	105	-0.02
17	T	Hexachloroethane	40.000	39.940	0.2	102	-0.02
18	PM**	N-Nitroso-di-n-propylamine	40.000	41.072	-2.7	103	-0.03
19	T	4-Methylphenol,3-Methylphen	40.000	41.676	-4.2	103	-0.02
20	I	Naphthalene-d8	40.000	40.000	0.0	105	-0.02
21	S	Nitrobenzene-d5	40.000	40.953	-2.4	108	-0.02
22	T	Nitrobenzene	40.000	41.627	-4.1	108	-0.03
23	T	Isophorone	40.000	40.585	-1.5	107	-0.02
24	CT*	2-Nitrophenol	40.000	40.544	-1.4	104	-0.02
25	T	2,4-Dimethylphenol	40.000	42.249	-5.6	110	-0.02
26	T	bis(2-Chloroethoxy)methane	40.000	39.484	1.3	104	-0.02
27	CT*	2,4-Dichlorophenol	40.000	40.258	-0.6	101	-0.02
28	M	1,2,4-Trichlorobenzene	40.000	39.859	0.4	104	-0.03
29	T	Naphthalene	40.000	39.411	1.5	104	-0.02
30	T	4-Chloroaniline	40.000	40.763	-1.9	105	-0.02
31	T	Benzoic Acid	40.000	36.450	8.9	103	-0.06
32	CT*	Hexachlorobutadiene	40.000	38.985	2.5	100	-0.02
33		Resorcinol	40.000	44.745	-11.9	120	-0.04
34	CM*	4-Chloro-3-methylphenol	40.000	40.345	-0.9	104	-0.02
35	T	2-Methylnaphthalene	40.000	39.716	0.7	107	-0.02
36		1-Methylnaphthalene	40.000	39.439	1.4	105	-0.03
37	I	Acenaphthene-d10	40.000	40.000	0.0	105	-0.02
38	PT**	Hexachlorocyclopentadiene	40.000	35.844	10.4	94	-0.02
39	CT*	2,4,6-Trichlorophenol	40.000	40.288	-0.7	102	-0.02
40	T	2,4,5-Trichlorophenol	40.000	40.946	-2.4	103	-0.01
41	S	2-Fluorobiphenyl	40.000	38.819	3.0	101	-0.02
42	T	2-Chloronaphthalene	40.000	39.799	0.5	102	-0.02
43	T	2-Nitroaniline	40.000	42.276	-5.7	107	-0.03
44		1,4-Dinitrobenzene	40.000	40.656	-1.6	109	-0.04
45	T	Acenaphthylene	40.000	40.247	-0.6	102	-0.02
46	T	Dimethylphthalate	40.000	39.357	1.6	105	-0.03
47		1,3-Dinitrobenzene	40.000	39.669	0.8	105	-0.03
48		1,2-Dinitrobenzene	40.000	39.669	0.8	105	-0.03
49	T	2,6-Dinitrotoluene	40.000	39.079	2.3	100	-0.03
50	CM*	Acenaphthene	40.000	40.362	-0.9	103	-0.03
51	T	3-Nitroaniline	40.000	40.626	-1.6	103	-0.03
52	PT**	2,4-Dinitrophenol	40.000	34.110	14.7	85	-0.03
53	T	Dibenzofuran	40.000	39.953	0.1	103	-0.03

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0311\S5040302.D Vial: 1
Acq On : 3 Apr 2011 4:52 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Apr 04 06:34:50 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	39.025	2.4	99	-0.02
55		2,3,4,6-Tetrachlorophenol	40.000	38.227	4.4	96	-0.02
56	M	2,4-Dinitrotoluene	40.000	43.290	-8.2	105	-0.03
57	PM**	4-Nitrophenol	40.000	44.197	-10.5	118	-0.01
58	T	Fluorene	40.000	39.497	1.3	102	-0.03
59	T	4-Chlorophenyl-phenylether	40.000	37.676	5.8	97	-0.03
60	T	Diethylphthalate	40.000	40.198	-0.5	105	-0.03
61	T	1,2-Diphenylhydrazine (Azob	40.000	39.109	2.2	101	-0.03
62	T	4-Nitroaniline	40.000	40.626	-1.6	103	-0.03
63	I	Phenanthrene-d10	40.000	40.000	0.0	106	-0.03
64	T	4,6-Dinitro-2-methylphenol	40.000	34.707	13.2	93	-0.03
65	CT*	n-Nitrosodiphenylamine	40.000	38.229	4.4	107	-0.02
66	S	2,4,6-Tribromophenol	40.000	39.102	2.2	101	-0.02
67	T	4-Bromophenyl-phenylether	40.000	36.464	8.8	102	-0.02
68	T	Hexachlorobenzene	40.000	37.774	5.6	100	-0.04
69	CM*	Pentachlorophenol	40.000	31.804	20.5	88	-0.02
70	T	Phenanthrene	40.000	40.734	-1.8	109	-0.03
71	T	Anthracene	40.000	40.675	-1.7	109	-0.03
72	T	Carbazole	40.000	40.153	-0.4	106	-0.03
73	T	Di-n-butylphthalate	40.000	37.766	5.6	98	-0.02
74	CT*	Fluoranthene	40.000	40.164	-0.4	104	-0.03
75	I	Chrysene-d12	40.000	40.000	0.0	97	-0.04
76	M	Pyrene	40.000	43.153	-7.9	104	-0.03
77		Benzidine	40.000	36.602	8.5	84	-0.02
78	S	Terphenyl-d14	40.000	39.943	0.1	98	-0.04
79		3,3'-Dimethylbenzidine	40.000	38.447	3.9	89	-0.03
80	T	Butylbenzylphthalate	40.000	38.283	4.3	92	-0.04
81		bis(2-ethylhexyl)adipate	40.000	37.290	6.8	91	-0.03
82	T	3,3'-Dichlorobenzidine	40.000	39.984	0.0	94	-0.03
83	T	Benzo[a]anthracene	40.000	41.150	-2.9	99	-0.03
84	T	Chrysene	40.000	41.045	-2.6	97	-0.04
85	T	bis(2-Ethylhexyl)phthalate	40.000	36.392	9.0	86	-0.03
86	I	Perylene-d12	40.000	40.000	0.0	92	-0.03
87	CT*	Di-n-octylphthalate	40.000	37.306	6.7	87	-0.03
88	T	Benzo[b]fluoranthene	40.000	42.609	-6.5	100	-0.03
89	T	Benzo[k]fluoranthene	40.000	41.722	-4.3	95	-0.04
90	CT*	Benzo[a]pyrene	40.000	42.234	-5.6	96	-0.04
91	T	Indeno[1,2,3-cd]pyrene	40.000	38.911	2.7	88	-0.04
92	T	Dibenz[a,h]anthracene	40.000	37.544	6.1	87	-0.04
93	T	Benzo[g,h,i]perylene	40.000	42.588	-6.5	100	-0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0311\S5040306.D Vial: 1
Acq On : 3 Apr 2011 7:09 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Apr 04 06:35:11 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	96	-0.02
2		N-Nitrosodimethylamine	40.000	42.421	-6.1	98	-0.05
3	T	Pyridine	40.000	42.740	-6.9	97	-0.03
4	S	2-Fluorophenol	40.000	42.956	-7.4	101	-0.02
5		Pentachloroethane	40.000	39.564	1.1	94	-0.02
6		Aniline	40.000	41.722	-4.3	99	-0.03
7	T	bis(2-Chloroethyl)ether	40.000	41.331	-3.3	103	-0.03
8	S	Phenol-d5	40.000	42.185	-5.5	100	-0.03
9	CM*	Phenol	40.000	42.076	-5.2	100	-0.02
10	M	2-Chlorophenol	40.000	40.637	-1.6	99	-0.02
11	T	1,3-Dichlorobenzene	40.000	41.444	-3.6	98	-0.02
12	CM*	1,4-Dichlorobenzene	40.000	40.885	-2.2	99	-0.02
13	T	1,2-Dichlorobenzene	40.000	41.281	-3.2	100	-0.02
14	T	Benzyl alcohol	40.000	41.489	-3.7	97	-0.03
15	T	bis(2-chloroisopropyl)ether	40.000	40.474	-1.2	97	-0.02
16	T	2-Methylphenol	40.000	41.516	-3.8	98	-0.02
17	T	Hexachloroethane	40.000	39.812	0.5	98	-0.02
18	PM**	N-Nitroso-di-n-propylamine	40.000	41.829	-4.6	100	-0.02
19	T	4-Methylphenol,3-Methylphen	40.000	41.135	-2.8	98	-0.02
20	I	Naphthalene-d8	40.000	40.000	0.0	99	-0.02
21	S	Nitrobenzene-d5	40.000	40.973	-2.4	102	-0.02
22	T	Nitrobenzene	40.000	41.115	-2.8	100	-0.03
23	T	Isophorone	40.000	40.274	-0.7	100	-0.02
24	CT*	2-Nitrophenol	40.000	41.185	-3.0	99	-0.02
25	T	2,4-Dimethylphenol	40.000	41.251	-3.1	101	-0.02
26	T	bis(2-Chloroethoxy)methane	40.000	39.856	0.4	99	-0.02
27	CT*	2,4-Dichlorophenol	40.000	40.346	-0.9	95	-0.02
28	M	1,2,4-Trichlorobenzene	40.000	39.451	1.4	97	-0.02
29	T	Naphthalene	40.000	39.817	0.5	100	-0.02
30	T	4-Chloroaniline	40.000	41.361	-3.4	101	-0.02
31	T	Benzoic Acid	40.000	39.429	1.4	107	-0.05
32	CT*	Hexachlorobutadiene	40.000	39.589	1.0	96	-0.02
33		Resorcinol	40.000	45.388	-13.5	115	-0.03
34	CM*	4-Chloro-3-methylphenol	40.000	41.941	-4.9	102	-0.01
35	T	2-Methylnaphthalene	40.000	39.135	2.2	99	-0.02
36		1-Methylnaphthalene	40.000	40.040	-0.1	100	-0.02
37	I	Acenaphthene-d10	40.000	40.000	0.0	104	-0.02
38	PT**	Hexachlorocyclopentadiene	40.000	35.221	11.9	91	-0.02
39	CT*	2,4,6-Trichlorophenol	40.000	40.465	-1.2	102	-0.02
40	T	2,4,5-Trichlorophenol	40.000	39.663	0.8	98	-0.01
41	S	2-Fluorobiphenyl	40.000	37.845	5.4	97	-0.02
42	T	2-Chloronaphthalene	40.000	38.733	3.2	98	-0.02
43	T	2-Nitroaniline	40.000	41.127	-2.8	102	-0.03
44		1,4-Dinitrobenzene	40.000	39.487	1.3	104	-0.03
45	T	Acenaphthylene	40.000	39.390	1.5	99	-0.02
46	T	Dimethylphthalate	40.000	37.934	5.2	100	-0.03
47		1,3-Dinitrobenzene	40.000	37.488	6.3	98	-0.03
48		1,2-Dinitrobenzene	40.000	37.488	6.3	98	-0.03
49	T	2,6-Dinitrotoluene	40.000	38.903	2.7	99	-0.03
50	CM*	Acenaphthene	40.000	38.826	2.9	98	-0.03
51	T	3-Nitroaniline	40.000	38.424	3.9	96	-0.03
52	PT**	2,4-Dinitrophenol	40.000	38.258	4.4	99	-0.02
53	T	Dibenzofuran	40.000	39.353	1.6	100	-0.03

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0311\S5040306.D Vial: 1
Acq On : 3 Apr 2011 7:09 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Apr 04 06:35:11 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	38.642	3.4	97	-0.02
55		2,3,4,6-Tetrachlorophenol	40.000	38.360	4.1	95	-0.02
56	M	2,4-Dinitrotoluene	40.000	42.473	-6.2	102	-0.03
57	PM**	4-Nitrophenol	40.000	41.131	-2.8	108	-0.01
58	T	Fluorene	40.000	39.045	2.4	99	-0.02
59	T	4-Chlorophenyl-phenylether	40.000	37.322	6.7	95	-0.02
60	T	Diethylphthalate	40.000	39.486	1.3	102	-0.03
61	T	1,2-Diphenylhydrazine (Azob	40.000	37.561	6.1	96	-0.03
62	T	4-Nitroaniline	40.000	38.424	3.9	96	-0.03
63	I	Phenanthrene-d10	40.000	40.000	0.0	102	-0.03
64	T	4,6-Dinitro-2-methylphenol	40.000	38.728	3.2	100	-0.02
65	CT*	n-Nitrosodiphenylamine	40.000	38.624	3.4	103	-0.02
66	S	2,4,6-Tribromophenol	40.000	38.888	2.8	96	-0.02
67	T	4-Bromophenyl-phenylether	40.000	37.920	5.2	101	-0.02
68	T	Hexachlorobenzene	40.000	39.530	1.2	100	-0.03
69	CM*	Pentachlorophenol	40.000	37.008	7.5	100	-0.02
70	T	Phenanthrene	40.000	40.517	-1.3	104	-0.03
71	T	Anthracene	40.000	41.072	-2.7	105	-0.03
72	T	Carbazole	40.000	39.898	0.3	101	-0.03
73	T	Di-n-butylphthalate	40.000	38.644	3.4	96	-0.02
74	CT*	Fluoranthene	40.000	40.383	-1.0	100	-0.03
75	I	Chrysene-d12	40.000	40.000	0.0	94	-0.04
76	M	Pyrene	40.000	42.306	-5.8	99	-0.03
77		Benzidine	40.000	36.741	8.1	82	-0.02
78	S	Terphenyl-d14	40.000	40.393	-1.0	96	-0.03
79		3,3'-Dimethylbenzidine	40.000	37.594	6.0	84	-0.03
80	T	Butylbenzylphthalate	40.000	39.453	1.4	91	-0.03
81		bis(2-ethylhexyl)adipate	40.000	36.841	7.9	87	-0.03
82	T	3,3'-Dichlorobenzidine	40.000	38.708	3.2	88	-0.03
83	T	Benzo[a]anthracene	40.000	38.949	2.6	91	-0.03
84	T	Chrysene	40.000	39.257	1.9	90	-0.04
85	T	bis(2-Ethylhexyl)phthalate	40.000	35.862	10.3	82	-0.03
86	I	Perylene-d12	40.000	40.000	0.0	91	-0.03
87	CT*	Di-n-octylphthalate	40.000	36.050	9.9	83	-0.03
88	T	Benzo[b]fluoranthene	40.000	40.409	-1.0	93	-0.03
89	T	Benzo[k]fluoranthene	40.000	39.327	1.7	88	-0.04
90	CT*	Benzo[a]pyrene	40.000	40.222	-0.6	90	-0.03
91	T	Indeno[1,2,3-cd]pyrene	40.000	41.177	-2.9	92	-0.04
92	T	Dibenz[a,h]anthracene	40.000	39.570	1.1	90	-0.04
93	T	Benzo[g,h,i]perylene	40.000	44.825	-12.1	103	-0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D0402 **Matrix:** Water **Department:** Metals **Instrument:** Varian ICP

110401A. All Data Report 4/4/2011, 08:46:49

Blank (Blk) **4/1/2011, 12:07:06 PM** **Rack 2, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.000000	mg/L	12.820	1.8	700.818
Ag 338.289	0.000000	mg/L	4.933	5796.6	-0.085103
Al 237.312	0.000000	mg/L	5.798	10.6	54.4837
Al 257.509	0.000000	mg/L	1.406	7.1	19.6981
Al 308.215	0.000000	mg/L	28.882	2.3	1278.50
As 188.980	0.000000	mg/L	0.519	3.2	16.2801
As 193.696	0.000000	mg/L	1.384	7.7	17.8649
As 228.812	0.000000	mg/L	2.131	6.3	33.7530
B 182.577	0.000000	mg/L	0.635	17.8	3.55552
B 249.678	0.000000	mg/L	8.836	37.8	23.3603
B 249.772	0.000000	mg/L	11.149	19.2	57.9767
Ba 233.527	0.000000	mg/L	6.195	3.0	205.710
Ba 455.403	0.000000	mg/L	5.881	0.1	3975.51
Ba 493.408	0.000000	mg/L	5.676	0.2	2555.20
Be 234.861	0.000000	mg/L	1.097	66688.1	-0.001645
Be 313.042	0.000000	mg/L	6.119	0.7	863.346
Be 313.107	0.000000	mg/L	4.850	6.0	80.1800
Ca 393.366	0.000000n	mg/L	19.845	0.1	16061.5
Ca 396.847	0.000000	mg/L	41.408	0.2	24674.3
Ca 430.253	0.000000	mg/L	26.689	2.2	1224.39
Cd 214.439	0.000000	mg/L	1.474	38.7	3.81134
Cd 226.502	0.000000	mg/L	3.666	14.8	24.7187
Cd 228.802	0.000000	mg/L	3.677	13.2	27.8270
Co 228.615	0.000000	mg/L	2.733	34.5	7.92977
Co 230.786	0.000000	mg/L	6.885	46.6	14.7609
Co 238.892	0.000000	mg/L	1.578	54.6	2.89001
Cr 205.560	0.000000	mg/L	3.192	57.0	5.59677
Cr 206.158	0.000000	mg/L	1.966	50.6	3.88449
Cr 267.716	0.000000	mg/L	1.716	7.2	23.8555
Cu 213.598	0.000000	mg/L	1.671	32.1	5.20941
Cu 324.754	0.000000	mg/L	12.058	1.8	664.015
Cu 327.395	0.000000	mg/L	17.332	49.2	35.1951
Fe 234.350	0.000000	mg/L	0.724	6.9	10.5305
Fe 238.204	0.000000	mg/L	5.245	25.8	20.3264
Fe 259.940	0.000000	mg/L	4.252	9.9	42.7611
Ga 287.423	0.000000	mg/L	7.307	38.0	19.2236
Ga 294.363	0.000000	mg/L	8.713	35.6	24.4714
Ga 417.204	0.000000	mg/L	22.093	32.3	68.4410
K 766.491	0.000000	mg/L	13.552	0.6	2326.95
K 769.897	0.000000	mg/L	129.179	1.0	12664.6
Li 610.365	0.000000	mg/L	9.236	4591.4	0.201152
Li 670.783	0.000000	mg/L	162.687	0.2	70599.5
Mg 279.078	0.000000	mg/L	0.718	4.1	17.6097
Mg 280.270	0.000000	mg/L	2.605	0.9	306.247
Mg 285.213	0.000000	mg/L	5.276	6.7	79.2655
Mn 257.610	0.000000	mg/L	0.831	23.3	3.56759
Mn 259.372	0.000000	mg/L	8.534	16.7	51.1163
Mn 260.568	0.000000	mg/L	5.111	63.4	8.05650
Mo 202.032	0.000000	mg/L	18.105	15.9	113.806
Mo 203.846	0.000000	mg/L	7.243	15.8	45.9754

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.000000	mg/L	11.076	24.5	45.2031
Na 568.821	0.000000	mg/L	12.172	5.7	212.459
Na 588.995	0.000000	mg/L	1047.703	0.5	211085
Na 589.592	0.000000	mg/L	245.175	0.3	72938.6
Ni 216.555	0.000000	mg/L	3.350	72.9	4.59613
Ni 221.648	0.000000	mg/L	2.260	71.4	3.16644
Ni 231.604	0.000000	mg/L	3.343	42.9	7.79785
P 177.434	0.000000	mg/L	0.299	15.6	1.91915
P 213.618	0.000000	mg/L	0.080	132.1	0.060678
P 214.914	0.000000	mg/L	2.739	79.5	3.44387
Pb 220.353	0.000000	mg/L	2.881	36.8	7.82049
Pb 261.417	0.000000	mg/L	3.587	15.5	23.0846
Pb 405.781	0.000000	mg/L	14.577	27.4	53.2136
Sb 206.834	0.000000	mg/L	2.836	30.5	9.30858
Sb 231.146	0.000000	mg/L	0.581	31.7	1.83200
Sb 259.804	0.000000	mg/L	3.747	54.1	6.92446
Se 196.026	0.000000	mg/L	0.483	5.2	9.36577
Se 203.985	0.000000	mg/L	0.851	12.7	6.69521
Si 250.690	0.000000	mg/L	4.241	3.0	140.958
Si 251.611	0.000000	mg/L	1.186	0.8	151.854
Si 288.158	0.000000	mg/L	13.641	0.8	1632.63
Sn 189.927	0.000000	mg/L	1.009	33.7	2.99027
Sn 283.998	0.000000	mg/L	1.985	9.5	20.8070
Sr 216.596	0.000000	mg/L	1.753	9.7	18.0569
Sr 407.771	0.000000	mg/L	20.945	0.4	5295.82
Sr 421.552	0.000000	mg/L	6.933	0.2	3192.69
Ti 334.941	0.000000	mg/L	37.941	54.4	69.7890
Ti 336.122	0.000000	mg/L	23.345	49.7	47.0006
Ti 337.280	0.000000	mg/L	4.288	30.1	14.2655
Tl 190.794	0.000000	mg/L	0.433	23.6	1.83851
Tl 190.807	0.000000	mg/L	0.254	14.5	1.74653
Tl 351.923	0.000000	mg/L	6.145	31.8	19.3002
V 268.796	0.000000	mg/L	6.068	9.4	64.5785
V 292.401	0.000000	mg/L	4.668	15.4	30.3017
V 311.837	0.000000	mg/L	6.651	54.7	12.1513
Zn 202.548	0.000000	mg/L	7.458	1.0	732.043
Zn 206.200	0.000000	mg/L	1.996	0.9	230.246
Zn 213.857	0.000000	mg/L	4.406	0.4	1223.13

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.15398	9253.48	57.402	0.6
Y 371.029	0.882215	145483	951.318	0.7

Standard 1 (Std) **4/1/2011, 12:10:08 PM** **Rack 2, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.001000	mg/L	6.501	5.9	109.605
Be 313.042	0.001000	mg/L	5.280	0.2	2552.75
Be 313.107	0.001000	mg/L	8.135	0.9	904.682
Cd 214.439	0.000500	mg/L	1.599	12.0	13.3239
Cd 226.502	0.000500	mg/L	1.715	3.9	43.4553

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 228.802	0.000500	mg/L	1.463	4.5	32.3549
Cr 205.560	0.001000	mg/L	0.735	8.7	8.45922
Cr 206.158	0.001000	mg/L	0.892	21.1	4.21795
Cr 267.716	0.001000	mg/L	3.808	8.0	47.5552
Cu 213.598	0.001000	mg/L	1.176	26.2	4.48788
Cu 324.754	0.001000	mg/L	8.610	1.3	658.403
Cu 327.395	0.001000	mg/L	26.942	30.3	88.8629
K 766.491	0.010000	mg/L	19.333	0.6	3007.70
K 769.897	0.010000	mg/L	55.152	0.4	13351.8
Mg 279.078	0.010000	mg/L	3.144	8.7	35.9657
Mg 280.270	0.010000	mg/L	4.233	0.3	1436.15
Mg 285.213	0.010000	mg/L	8.572	1.8	465.502

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14910	9214.38	16.751	0.2
Y 371.029	0.881013	145285	285.869	0.2

Standard 2 (Std) **4/1/2011, 12:13:43 PM** **Rack 2, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.001000	mg/L	34.555	4.6	744.916
Ag 338.289	0.001000	mg/L	4.716	125.2	3.76673
Al 237.312	0.025000	mg/L	3.910	3.9	99.5940
Al 257.509	0.025000	mg/L	5.627	16.4	34.3202
Al 308.215	0.025000	mg/L	6.503	0.5	1321.75
As 188.980	0.005000	mg/L	1.743	14.5	12.0217
As 193.696	0.005000	mg/L	1.703	16.9	10.0618
As 228.812	0.005000	mg/L	25.682	178.3	14.4006
Ba 233.527	0.005000	mg/L	1.422	0.3	409.577
Ba 455.403	0.005000	mg/L	44.079	0.5	8493.62
Ba 493.408	0.005000	mg/L	14.296	0.3	5346.82
Be 234.861	0.005000	mg/L	7.597	1.3	587.137
Be 313.042	0.005000	mg/L	23.097	0.2	9424.43
Be 313.107	0.005000	mg/L	6.191	0.1	4317.66
Ca 393.366	0.050000n	mg/L	228.241	0.3	88928.2
Ca 396.847	0.050000	mg/L	253.224	0.2	136565
Ca 430.253	0.050000	mg/L	25.066	1.7	1493.00
Cd 214.439	0.002500	mg/L	1.036	1.9	55.5996
Cd 226.502	0.002500	mg/L	8.930	7.0	127.049
Cd 228.802	0.002500	mg/L	6.013	9.5	63.5398
Co 228.615	0.005000	mg/L	1.929	3.2	60.0057
Co 230.786	0.005000	mg/L	3.025	6.7	44.9413
Co 238.892	0.005000	mg/L	0.424	1.2	34.6017
Cr 205.560	0.005000	mg/L	0.201	0.8	26.3505
Cr 206.158	0.005000	mg/L	1.462	11.4	12.7711
Cr 267.716	0.005000	mg/L	2.767	2.0	138.410
Cu 213.598	0.005000	mg/L	2.756	13.2	20.8824
Cu 324.754	0.005000	mg/L	9.258	1.2	768.204
Cu 327.395	0.005000	mg/L	14.651	5.7	255.461
Fe 234.350	0.005000	mg/L	8.975	12.1	74.1203
Fe 238.204	0.005000	mg/L	14.953	9.6	155.530

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Fe 259.940	0.005000	mg/L	12.720	8.4	150.814
Ga 287.423	0.005000	mg/L	9.803	38.2	25.6752
Ga 294.363	0.005000	mg/L	5.482	12.6	43.5943
Ga 417.204	0.005000	mg/L	12.992	11.5	112.687
K 766.491	0.050000	mg/L	20.673	0.3	6039.75
K 769.897	0.050000	mg/L	48.558	0.3	15362.8
Li 610.365	0.010000	mg/L	8.826	16.6	-53.2173
Li 670.783	0.010000	mg/L	67.568	0.1	114138
Mg 279.078	0.050000	mg/L	5.110	4.7	109.649
Mg 280.270	0.050000	mg/L	5.984	0.1	5792.25
Mg 285.213	0.050000	mg/L	7.004	0.4	1915.51
Mn 257.610	0.005000	mg/L	20.650	2.6	780.162
Mn 259.372	0.005000	mg/L	24.878	3.9	634.380
Mn 260.568	0.005000	mg/L	2.499	2.3	106.568
Mo 202.032	0.010000	mg/L	8.658	8.7	99.6037
Mo 203.846	0.010000	mg/L	2.829	7.5	37.8078
Mo 204.598	0.010000	mg/L	5.673	15.2	37.2051
Ni 216.555	0.010000	mg/L	1.496	2.4	63.2641
Ni 221.648	0.010000	mg/L	1.843	7.6	24.1607
Ni 231.604	0.010000	mg/L	1.984	4.2	47.5226
Pb 220.353	0.010000	mg/L	2.456	14.8	16.5399
Pb 261.417	0.010000	mg/L	1.125	4.6	24.5151
Pb 405.781	0.010000	mg/L	15.597	23.9	65.3026
Sb 206.834	0.010000	mg/L	2.996	17.5	17.1139
Sb 231.146	0.010000	mg/L	2.061	28.5	7.23631
Sb 259.804	0.010000	mg/L	3.168	22.9	13.8151
Se 196.026	0.010000	mg/L	3.776	34.5	10.9463
Se 203.985	0.010000	mg/L	0.394	8.3	4.76181
Si 250.690	0.010000	mg/L	5.089	4.7	108.331
Si 251.611	0.010000	mg/L	4.976	4.6	108.121
Si 288.158	0.010000	mg/L	6.689	0.5	1385.06
Sn 189.927	0.010000	mg/L	0.969	16.7	5.79929
Sn 283.998	0.010000	mg/L	17.371	62.7	27.7019
Sr 216.596	0.005000	mg/L	2.107	3.3	63.7143
Sr 407.771	0.005000	mg/L	54.849	0.3	18031.6
Sr 421.552	0.005000	mg/L	20.858	0.2	11418.8
Ti 334.941	0.005000	mg/L	53.182	4.4	1199.61
Ti 336.122	0.005000	mg/L	20.801	4.2	494.191
Ti 337.280	0.005000	mg/L	7.337	4.9	150.628
V 268.796	0.005000	mg/L	47.661	68.4	69.6686
V 292.401	0.005000	mg/L	2.262	1.2	194.438
V 311.837	0.005000	mg/L	11.745	6.1	192.532
Zn 202.548	0.005000	mg/L	21.561	2.8	765.365
Zn 206.200	0.005000	mg/L	3.107	1.2	248.928
Zn 213.857	0.005000	mg/L	39.846	3.1	1280.82

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.16679	9356.25	8.005	0.1
Y 371.029	0.894606	147527	144.855	0.1

Standard 3 (Std) **4/1/2011, 12:17:56 PM** **Rack 2, Tube 4**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.004000	mg/L	3.694	0.4	874.068
Ag 338.289	0.004000	mg/L	4.349	89.8	4.84438
Al 237.312	0.100000	mg/L	6.227	3.4	183.340
Al 257.509	0.100000	mg/L	15.534	19.5	79.6500
Al 308.215	0.100000	mg/L	7.157	0.4	1756.91
As 188.980	0.020000	mg/L	1.223	7.1	17.1979
As 193.696	0.020000	mg/L	1.133	6.8	16.6054
As 228.812	0.020000	mg/L	31.470	134.6	23.3788
B 182.577	0.020000	mg/L	0.722	5.0	14.5496
B 249.678	0.020000	mg/L	5.226	2.3	225.272
B 249.772	0.020000	mg/L	8.130	1.8	457.038
Ba 233.527	0.020000	mg/L	4.079	0.4	1053.85
Ba 455.403	0.020000	mg/L	13.304	0.1	21997.2
Ba 493.408	0.020000	mg/L	24.202	0.2	13749.2
Be 234.861	0.020000	mg/L	8.037	0.3	2376.28
Be 313.042	0.020000	mg/L	141.090	0.4	35570.6
Be 313.107	0.020000	mg/L	42.703	0.2	17128.9
Ca 393.366	0.200000n	mg/L	383.835	0.1	284260
Ca 396.847	0.200000	mg/L	553.726	0.1	437858
Ca 430.253	0.200000	mg/L	38.665	1.7	2266.78
Cd 214.439	0.010000	mg/L	2.276	1.1	215.253
Cd 226.502	0.010000	mg/L	2.914	0.7	437.445
Cd 228.802	0.010000	mg/L	1.799	1.0	177.252
Co 228.615	0.020000	mg/L	4.474	2.2	203.259
Co 230.786	0.020000	mg/L	0.792	0.5	146.748
Co 238.892	0.020000	mg/L	3.857	2.9	131.288
Cr 205.560	0.020000	mg/L	0.855	1.0	89.6695
Cr 206.158	0.020000	mg/L	1.069	2.7	39.2297
Cr 267.716	0.020000	mg/L	8.544	1.7	488.615
Cu 213.598	0.020000	mg/L	2.171	2.6	83.2223
Cu 324.754	0.020000	mg/L	5.263	0.4	1250.56
Cu 327.395	0.020000	mg/L	4.050	0.5	899.704
Fe 234.350	0.020000	mg/L	17.147	9.0	190.528
Fe 238.204	0.020000	mg/L	23.612	5.7	413.548
Fe 259.940	0.020000	mg/L	18.907	5.2	366.008
Ga 287.423	0.020000	mg/L	2.719	5.0	54.0640
Ga 294.363	0.020000	mg/L	6.700	4.9	135.736
Ga 417.204	0.020000	mg/L	20.730	8.1	255.128
K 766.491	0.200000	mg/L	42.876	0.2	17644.3
K 769.897	0.200000	mg/L	52.986	0.2	24142.4
Li 610.365	0.040000	mg/L	12.863	1.7	761.784
Li 670.783	0.040000	mg/L	303.514	0.1	234975
Mg 279.078	0.200000	mg/L	4.300	1.1	390.120
Mg 280.270	0.200000	mg/L	192.958	0.9	22025.9
Mg 285.213	0.200000	mg/L	41.059	0.6	7382.16
Mn 257.610	0.020000	mg/L	53.125	1.7	3157.75
Mn 259.372	0.020000	mg/L	54.886	2.3	2380.07
Mn 260.568	0.020000	mg/L	3.678	0.9	410.350
Mo 202.032	0.040000	mg/L	7.906	4.1	195.180
Mo 203.846	0.040000	mg/L	2.291	3.0	77.1028

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.040000	mg/L	4.173	4.9	85.8483
Ni 216.555	0.040000	mg/L	3.741	1.6	234.762
Ni 221.648	0.040000	mg/L	0.921	1.0	93.7072
Ni 231.604	0.040000	mg/L	2.135	1.3	158.336
P 177.434	0.020000	mg/L	1.036	19.1	5.41627
P 213.618	0.020000	mg/L	1.696	11.0	15.4544
P 214.914	0.020000	mg/L	0.800	11.4	6.99973
Pb 220.353	0.040000	mg/L	1.058	1.9	56.8728
Pb 261.417	0.040000	mg/L	6.576	16.3	40.3969
Pb 405.781	0.040000	mg/L	9.080	10.5	86.3845
Sb 206.834	0.040000	mg/L	2.286	6.0	38.0902
Sb 231.146	0.040000	mg/L	1.289	4.9	26.2244
Sb 259.804	0.040000	mg/L	8.894	30.3	29.3698
Se 196.026	0.040000	mg/L	1.375	6.7	20.4796
Se 203.985	0.040000	mg/L	1.039	10.1	10.2434
Si 250.690	0.040000	mg/L	5.808	3.8	151.344
Si 251.611	0.040000	mg/L	4.503	2.9	155.456
Si 288.158	0.040000	mg/L	6.751	0.4	1601.72
Sn 189.927	0.040000	mg/L	0.521	3.3	15.8867
Sn 283.998	0.040000	mg/L	37.615	51.3	73.2694
Sr 216.596	0.020000	mg/L	2.318	1.2	198.914
Sr 407.771	0.020000	mg/L	305.858	0.5	56106.5
Sr 421.552	0.020000	mg/L	111.387	0.3	36064.8
Ti 334.941	0.020000	mg/L	129.695	2.9	4466.23
Ti 336.122	0.020000	mg/L	20.447	1.1	1891.96
Ti 337.280	0.020000	mg/L	4.864	0.8	611.201
Tl 190.794	0.020000	mg/L	1.287	14.6	8.84115
Tl 190.807	0.020000	mg/L	0.295	9.9	2.97291
Tl 351.923	0.020000	mg/L	9.740	21.6	45.1189
V 268.796	0.020000	mg/L	77.109	38.2	201.756
V 292.401	0.020000	mg/L	3.467	0.5	686.919
V 311.837	0.020000	mg/L	7.477	0.9	850.227
Zn 202.548	0.020000	mg/L	21.802	2.4	925.924
Zn 206.200	0.020000	mg/L	3.688	1.3	294.976
Zn 213.857	0.020000	mg/L	43.266	2.8	1551.17

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17548	9425.88	22.271	0.2
Y 371.029	0.902100	148763	381.288	0.3

Standard 4 (Std) **4/1/2011, 12:21:41 PM** **Rack 2, Tube 5**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.020000	mg/L	5.959	0.4	1670.21
Ag 338.289	0.020000	mg/L	3.027	9.8	30.7323
Al 237.312	0.500000	mg/L	4.209	0.6	700.891
Al 257.509	0.500000	mg/L	0.964	0.3	310.835
Al 308.215	0.500000	mg/L	17.685	0.4	4230.52
As 188.980	0.100000	mg/L	1.320	2.9	45.5975
As 193.696	0.100000	mg/L	1.230	2.4	51.4108
As 228.812	0.100000	mg/L	111.652	125.3	89.0811

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
B 182.577	0.100000	mg/L	1.662	3.0	55.5056
B 249.678	0.100000	mg/L	8.872	0.9	1032.91
B 249.772	0.100000	mg/L	19.778	1.0	2015.43
Ba 233.527	0.100000	mg/L	13.325	0.3	4423.36
Ba 455.403	0.100000	mg/L	60.728	0.1	91225.0
Ba 493.408	0.100000	mg/L	62.536	0.1	57309.1
Be 234.861	0.100000	mg/L	49.907	0.4	11581.8
Be 313.042	0.100000	mg/L	337.200	0.2	173140
Be 313.107	0.100000	mg/L	82.954	0.1	84357.4
Ca 393.366	1.00000n	mg/L	2428.475	0.2	1280099
Ca 396.847	1.00000	mg/L	4086.469	0.2	1975582
Ca 430.253	1.00000	mg/L	32.783	0.6	5855.53
Cd 214.439	0.050000	mg/L	5.324	0.5	1071.18
Cd 226.502	0.050000	mg/L	4.607	0.2	2094.27
Cd 228.802	0.050000	mg/L	4.913	0.6	784.485
Co 228.615	0.100000	mg/L	1.771	0.2	967.853
Co 230.786	0.100000	mg/L	0.274	0.0	669.210
Co 238.892	0.100000	mg/L	4.278	0.7	620.883
Cr 205.560	0.100000	mg/L	2.247	0.5	433.076
Cr 206.158	0.100000	mg/L	2.196	1.2	176.617
Cr 267.716	0.100000	mg/L	10.929	0.5	2310.24
Cu 213.598	0.100000	mg/L	3.792	0.9	438.789
Cu 324.754	0.100000	mg/L	13.288	0.3	3851.08
Cu 327.395	0.100000	mg/L	18.364	0.4	4329.86
Fe 234.350	0.100000	mg/L	76.702	8.1	949.446
Fe 238.204	0.100000	mg/L	99.232	4.9	2004.91
Fe 259.940	0.100000	mg/L	70.625	4.3	1647.22
Ga 287.423	0.100000	mg/L	7.742	3.2	245.737
Ga 294.363	0.100000	mg/L	4.900	0.7	658.750
Ga 417.204	0.100000	mg/L	75.481	7.6	994.597
K 766.491	1.00000	mg/L	191.120	0.2	78693.1
K 769.897	1.00000	mg/L	226.819	0.3	69798.5
Li 610.365	0.200000	mg/L	19.917	0.2	8393.30
Li 670.783	0.200000	mg/L	1989.836	0.2	865278
Mg 279.078	1.00000	mg/L	7.048	0.4	1847.69
Mg 280.270	1.00000	mg/L	656.357	0.6	107152
Mg 285.213	1.00000	mg/L	54.671	0.1	36905.0
Mn 257.610	0.100000	mg/L	255.714	1.7	15322.7
Mn 259.372	0.100000	mg/L	249.705	2.2	11463.3
Mn 260.568	0.100000	mg/L	16.756	0.8	2019.86
Mo 202.032	0.200000	mg/L	13.453	1.7	778.167
Mo 203.846	0.200000	mg/L	5.123	1.6	318.983
Mo 204.598	0.200000	mg/L	7.308	2.0	366.955
Na 568.821	1.00000	mg/L	11.598	2.5	459.314
Na 588.995	1.00000	mg/L	2155.446	0.2	909182
Na 589.592	1.00000	mg/L	1134.960	0.3	409935
Ni 216.555	0.200000	mg/L	2.816	0.2	1148.39
Ni 221.648	0.200000	mg/L	2.535	0.6	448.419
Ni 231.604	0.200000	mg/L	2.973	0.4	750.327
P 177.434	0.100000	mg/L	0.658	3.6	18.4725
P 213.618	0.100000	mg/L	6.513	9.0	72.4073

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
P 214.914	0.100000	mg/L	3.017	11.7	25.8107
Pb 220.353	0.200000	mg/L	1.866	0.7	259.545
Pb 261.417	0.200000	mg/L	4.874	4.1	119.908
Pb 405.781	0.200000	mg/L	16.665	5.5	301.522
Sb 206.834	0.200000	mg/L	3.275	2.2	149.009
Sb 231.146	0.200000	mg/L	2.024	1.9	108.697
Sb 259.804	0.200000	mg/L	1.113	1.2	95.6702
Se 196.026	0.200000	mg/L	1.455	2.2	67.3740
Se 203.985	0.200000	mg/L	2.671	7.1	37.5102
Si 250.690	0.200000	mg/L	7.324	2.0	365.917
Si 251.611	0.200000	mg/L	10.273	2.6	397.790
Si 288.158	0.200000	mg/L	11.980	0.4	2863.85
Sn 189.927	0.200000	mg/L	1.604	2.3	68.4675
Sn 283.998	0.200000	mg/L	149.453	48.3	309.734
Sr 216.596	0.100000	mg/L	6.946	0.8	925.686
Sr 407.771	0.100000	mg/L	502.083	0.2	255819
Sr 421.552	0.100000	mg/L	348.897	0.2	165636
Ti 334.941	0.100000	mg/L	138.231	0.6	21689.5
Ti 336.122	0.100000	mg/L	57.763	0.6	9209.36
Ti 337.280	0.100000	mg/L	7.172	0.2	3107.26
Tl 190.794	0.100000	mg/L	1.792	4.6	38.7602
Tl 190.807	0.100000	mg/L	0.786	4.2	18.7701
Tl 351.923	0.100000	mg/L	5.731	3.4	168.397
V 268.796	0.100000	mg/L	301.127	33.5	898.917
V 292.401	0.100000	mg/L	38.000	1.2	3197.53
V 311.837	0.100000	mg/L	22.554	0.5	4305.97
Zn 202.548	0.100000	mg/L	38.132	2.2	1739.90
Zn 206.200	0.100000	mg/L	4.537	0.8	552.947
Zn 213.857	0.100000	mg/L	76.489	2.6	2912.89

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17912	9455.14	15.375	0.2
Y 371.029	0.904833	149213	394.329	0.3

Standard 5 (Std) **4/1/2011, 12:25:31 PM** **Rack 2, Tube 6**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.100000	mg/L	9.852	0.2	5782.40
Ag 338.289	0.100000	mg/L	11.125	3.9	288.157
Al 237.312	2.50000	mg/L	7.052	0.2	3289.21
Al 257.509	2.50000	mg/L	2.403	0.2	1503.38
Al 308.215	2.50000	mg/L	68.258	0.4	16658.6
As 188.980	0.500000	mg/L	2.458	1.2	198.773
As 193.696	0.500000	mg/L	1.829	0.8	230.022
As 228.812	0.500000	mg/L	519.856	124.6	417.331
B 182.577	0.500000	mg/L	2.705	1.0	260.496
B 249.678	0.500000	mg/L	50.294	1.0	4952.70
B 249.772	0.500000	mg/L	128.962	1.3	9724.31
Ba 233.527	0.500000	mg/L	78.376	0.4	21540.5
Ba 455.403	0.500000	mg/L	389.123	0.1	448099
Ba 493.408	0.500000	mg/L	193.547	0.1	280832

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.500000	mg/L	134.299	0.2	59930.2
Be 313.042	0.500000	mg/L	9682.922	1.1	857863
Be 313.107	0.500000	mg/L	4852.542	1.2	420943
Ca 393.366	5.00000n	mg/L	29551.154	0.5	5893302
Ca 396.847	5.00000	mg/L	51098.977	0.6	9286309
Ca 430.253	5.00000	mg/L	121.817	0.5	24037.3
Cd 214.439	0.250000	mg/L	11.096	0.2	5439.85
Cd 226.502	0.250000	mg/L	15.630	0.2	10347.5
Cd 228.802	0.250000	mg/L	12.971	0.3	3861.02
Co 228.615	0.500000	mg/L	27.891	0.6	4862.02
Co 230.786	0.500000	mg/L	16.593	0.5	3331.66
Co 238.892	0.500000	mg/L	11.210	0.4	3104.35
Cr 205.560	0.500000	mg/L	13.006	0.6	2161.90
Cr 206.158	0.500000	mg/L	8.460	1.0	886.838
Cr 267.716	0.500000	mg/L	34.190	0.3	11474.5
Cu 213.598	0.500000	mg/L	23.179	1.0	2248.90
Cu 324.754	0.500000	mg/L	57.314	0.3	17146.5
Cu 327.395	0.500000	mg/L	15.770	0.1	21665.4
Fe 234.350	0.500000	mg/L	376.386	8.0	4697.30
Fe 238.204	0.500000	mg/L	483.950	4.9	9877.25
Fe 259.940	0.500000	mg/L	337.836	4.3	7947.24
Ga 287.423	0.500000	mg/L	37.480	3.2	1188.71
Ga 294.363	0.500000	mg/L	18.276	0.6	3241.94
Ga 417.204	0.500000	mg/L	369.191	7.7	4771.54
K 766.491	5.00000	mg/L	525.830	0.1	397216
K 769.897	5.00000	mg/L	678.516	0.2	313012
Li 610.365	1.00000	mg/L	59.292	0.1	52665.8
Li 670.783	1.00000	mg/L	5390.891	0.1	4079774
Mg 279.078	5.00000	mg/L	14.581	0.2	9257.83
Mg 280.270	5.00000	mg/L	1036.924	0.2	538261
Mg 285.213	5.00000	mg/L	657.618	0.3	192059
Mn 257.610	0.500000	mg/L	1264.105	1.6	78130.3
Mn 259.372	0.500000	mg/L	1240.435	2.1	58201.6
Mn 260.568	0.500000	mg/L	84.702	0.8	10103.5
Mo 202.032	1.00000	mg/L	60.382	1.5	3922.57
Mo 203.846	1.00000	mg/L	33.578	2.1	1629.63
Mo 204.598	1.00000	mg/L	38.927	2.1	1888.12
Na 568.821	5.00000	mg/L	30.151	2.0	1473.94
Na 588.995	5.00000	mg/L	23439.361	0.7	3598113
Na 589.592	5.00000	mg/L	6602.225	0.4	1832545
Ni 216.555	1.00000	mg/L	10.470	0.2	5813.89
Ni 221.648	1.00000	mg/L	2.936	0.1	2254.89
Ni 231.604	1.00000	mg/L	23.541	0.6	3749.64
P 177.434	0.500000	mg/L	1.511	1.7	87.3537
P 213.618	0.500000	mg/L	19.359	5.3	367.677
P 214.914	0.500000	mg/L	9.706	9.3	103.839
Pb 220.353	1.00000	mg/L	2.215	0.2	1294.12
Pb 261.417	1.00000	mg/L	1.974	0.4	552.814
Pb 405.781	1.00000	mg/L	21.035	1.5	1395.71
Sb 206.834	1.00000	mg/L	5.024	1.0	522.371
Sb 231.146	1.00000	mg/L	6.650	1.6	405.583

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sb 259.804	1.00000	mg/L	4.357	1.3	332.043
Se 196.026	1.00000	mg/L	11.865	3.7	321.093
Se 203.985	1.00000	mg/L	13.714	7.6	180.702
Si 250.690	1.00000	mg/L	14.525	1.0	1452.19
Si 251.611	1.00000	mg/L	41.495	2.6	1609.83
Si 288.158	1.00000	mg/L	27.106	0.3	9059.70
Sn 189.927	1.00000	mg/L	1.091	0.3	336.162
Sn 283.998	1.00000	mg/L	730.107	48.8	1496.02
Sr 216.596	0.500000	mg/L	9.756	0.2	4587.58
Sr 407.771	0.500000	mg/L	1952.801	0.2	1222046
Sr 421.552	0.500000	mg/L	2790.468	0.3	799070
Ti 334.941	0.500000	mg/L	203.095	0.2	108869
Ti 336.122	0.500000	mg/L	152.048	0.3	46346.7
Ti 337.280	0.500000	mg/L	60.512	0.4	15658.2
Tl 190.794	0.500000	mg/L	2.609	1.3	198.108
Tl 190.807	0.500000	mg/L	2.053	2.1	97.5827
Tl 351.923	0.500000	mg/L	3.480	0.4	815.011
V 268.796	0.500000	mg/L	1518.998	34.7	4372.88
V 292.401	0.500000	mg/L	40.586	0.3	16067.5
V 311.837	0.500000	mg/L	61.637	0.3	22219.5
Zn 202.548	0.500000	mg/L	133.832	2.2	6067.60
Zn 206.200	0.500000	mg/L	15.728	0.8	1925.26
Zn 213.857	0.500000	mg/L	283.009	2.8	10169.7

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17639	9433.20	16.504	0.2
Y 371.029	0.900825	148552	156.807	0.1

Standard 6 (Std) **4/1/2011, 12:29:44 PM** **Rack 2, Tube 7**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.400000	mg/L	58.770	0.3	21347.7
Ag 338.289	0.400000	mg/L	42.493	3.4	1259.76
Al 237.312	10.0000	mg/L	26.331	0.2	12938.8
Al 257.509	10.0000	mg/L	15.386	0.3	5914.09
Al 308.215	10.0000	mg/L	297.865	0.5	62728.9
As 188.980	2.00000	mg/L	4.432	0.6	792.821
As 193.696	2.00000	mg/L	1.104	0.1	932.457
As 228.812	2.00000	mg/L	2074.390	123.6	1678.01
B 182.577	2.00000	mg/L	1.864	0.2	1034.88
B 249.678	2.00000	mg/L	139.915	0.7	19844.3
B 249.772	2.00000	mg/L	131.017	0.3	38633.1
Ba 233.527	2.00000	mg/L	155.085	0.2	85607.1
Ba 455.403	2.00000	mg/L	3930.689	0.2	1727184
Ba 493.408	2.00000	mg/L	4815.617	0.4	1084522
Be 234.861	2.00000	mg/L	595.250	0.2	241377
Be 313.042	2.00000	mg/L	1900.284	0.1	3458072
Be 313.107	2.00000	mg/L	1225.472	0.1	1692712
Ca 393.366	20.0000n	mg/L	128437.133	0.6	20314930
Ca 396.847	20.0000o	mg/L	529235.688	1.5	34214600
Ca 430.253	20.0000	mg/L	440.542	0.5	91756.4

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 214.439	1.00000	mg/L	153.442	0.7	21700.9
Cd 226.502	1.00000	mg/L	37.322	0.1	41214.1
Cd 228.802	1.00000	mg/L	18.096	0.1	15289.6
Co 228.615	2.00000	mg/L	27.020	0.1	19322.1
Co 230.786	2.00000	mg/L	11.625	0.1	13249.9
Co 238.892	2.00000	mg/L	43.989	0.4	12305.0
Cr 205.560	2.00000	mg/L	156.151	1.8	8558.35
Cr 206.158	2.00000	mg/L	24.741	0.7	3542.37
Cr 267.716	2.00000	mg/L	189.534	0.4	45794.2
Cu 213.598	2.00000	mg/L	83.841	0.9	8957.07
Cu 324.754	2.00000	mg/L	263.991	0.4	66903.8
Cu 327.395	2.00000	mg/L	1066.424	1.2	85479.8
Fe 234.350	2.00000	mg/L	1478.102	7.9	18608.9
Fe 238.204	2.00000	mg/L	1905.675	4.8	39315.2
Fe 259.940	2.00000	mg/L	1323.917	4.2	31689.2
Ga 287.423	2.00000	mg/L	144.961	3.1	4699.84
Ga 294.363	2.00000	mg/L	67.796	0.5	13064.7
Ga 417.204	2.00000	mg/L	1483.288	7.8	19001.2
K 766.491	20.0000	mg/L	7328.266	0.5	1478606
K 769.897	20.0000	mg/L	5725.010	0.5	1198767
Li 610.365	4.00000	mg/L	303.100	0.1	224387
Li 670.783	4.00000	mg/L	51865.980	0.4	14551453
Mg 279.078	20.0000	mg/L	184.595	0.5	37104.5
Mg 280.270	20.0000	mg/L	4821.189	0.2	2040552
Mg 285.213	20.0000	mg/L	1993.095	0.3	773375
Mn 257.610	2.00000	mg/L	5281.832	1.7	310282
Mn 259.372	2.00000	mg/L	5266.328	2.3	231062
Mn 260.568	2.00000	mg/L	332.957	0.8	40359.5
Mo 202.032	4.00000	mg/L	228.642	1.4	16246.2
Mo 203.846	4.00000	mg/L	72.862	1.1	6858.39
Mo 204.598	4.00000	mg/L	95.858	1.2	7981.01
Na 568.821	20.0000	mg/L	113.478	2.1	5431.47
Na 588.995	20.0000	mg/L	56487.734	0.5	12445208
Na 589.592	20.0000	mg/L	32717.295	0.5	6805072
Ni 216.555	4.00000	mg/L	29.523	0.1	22996.1
Ni 221.648	4.00000	mg/L	45.142	0.5	8916.03
Ni 231.604	4.00000	mg/L	20.682	0.1	14862.0
P 177.434	2.00000	mg/L	2.875	0.8	351.618
P 213.618	2.00000	mg/L	74.717	5.1	1467.48
P 214.914	2.00000	mg/L	36.025	9.0	399.980
Pb 220.353	4.00000	mg/L	15.170	0.3	5144.45
Pb 261.417	4.00000	mg/L	13.213	0.6	2169.57
Pb 405.781	4.00000	mg/L	61.250	1.1	5508.81
Sb 206.834	4.00000	mg/L	20.775	0.7	2837.69
Sb 231.146	4.00000	mg/L	23.869	1.1	2137.74
Sb 259.804	4.00000	mg/L	9.206	0.5	1820.43
Se 196.026	4.00000	mg/L	23.164	1.7	1336.87
Se 203.985	4.00000	mg/L	53.715	7.1	758.345
Si 250.690	4.00000	mg/L	47.940	0.9	5562.48
Si 251.611	4.00000	mg/L	162.153	2.6	6159.85
Si 288.158	4.00000	mg/L	150.324	0.5	32360.6

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sn 189.927	4.00000	mg/L	2.349	0.2	1333.11
Sn 283.998	4.00000	mg/L	2859.017	48.8	5856.04
Sr 216.596	2.00000	mg/L	25.668	0.1	18174.3
Sr 407.771	2.00000	mg/L	12052.455	0.2	4897116
Sr 421.552	2.00000	mg/L	29024.756	0.9	3196260
Ti 334.941	2.00000	mg/L	917.285	0.2	433391
Ti 336.122	2.00000	mg/L	388.456	0.2	183985
Ti 337.280	2.00000	mg/L	124.308	0.2	63131.7
Tl 190.794	2.00000	mg/L	5.080	0.6	796.803
Tl 190.807	2.00000	mg/L	8.514	2.1	399.014
Tl 351.923	2.00000	mg/L	17.813	0.5	3247.40
V 268.796	2.00000	mg/L	6310.448	36.6	17219.4
V 292.401	2.00000	mg/L	262.785	0.4	64307.0
V 311.837	2.00000	mg/L	250.020	0.3	87907.7
Zn 202.548	2.00000	mg/L	470.053	2.2	21387.6
Zn 206.200	2.00000	mg/L	63.033	0.9	6871.12
Zn 213.857	2.00000	mg/L	938.576	2.6	36189.0

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.15603	9269.92	87.070	0.9
Y 371.029	0.886571	146202	1269.702	0.9

Standard 7 (Std) **4/1/2011, 12:33:56 PM** **Rack 2, Tube 8**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ca 393.366	100.000on	mg/L	239772.719	0.6	43341440
Ca 396.847	100.000o	mg/L	271406.219	0.6	43662116
Ca 430.253	100.000	mg/L	2303.939	0.5	446571
Mg 279.078	100.000	mg/L	989.781	0.5	185488
Mg 280.270	100.000	mg/L	28795.402	0.4	7674489
Mg 285.213	100.000	mg/L	17024.127	0.5	3529187
Na 568.821	100.000	mg/L	532.759	1.9	27661.5
Na 588.995	100.000o	mg/L	372720.000	1.1	34249336
Na 589.592	100.000o	mg/L	236473.859	0.8	29177482

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.10816	8886.10	22.744	0.3
Y 371.029	0.862821	142285	815.481	0.6

Ag 328.068 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999992**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		700.818	0.000000	0.000716	-	-
Standard 2		744.916	0.001000	0.001576	0.000576	57.6
Standard 3		874.068	0.004000	0.004094	0.000094	2.4
Standard 4		1670.21	0.020000	0.019619	-0.000381	-1.9
Standard 5		5782.40	0.100000	0.099807	-0.000193	-0.2
Standard 6		21347.7	0.400000	0.403329	0.003329	0.8

Curve Type: Linear Equation: y = 51282.2 x + 664.1

Ag 338.289 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999585

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-0.085103	0.000000	0.004416	-	-
Standard 2		3.76673	0.001000	0.005735	0.004735	473.5
Standard 3		4.84438	0.004000	0.006103	0.002103	52.6
Standard 4		30.7323	0.020000	0.014962	-0.005038	-25.2
Standard 5		288.157	0.100000	0.103054	0.003054	3.1
Standard 6		1259.76	0.400000	0.435542	0.035542	8.9

Maximum error exceeded.
Curve Type: Linear Equation: y = 2922.2 x + -13.0

Al 237.312 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		54.4837	0.000000	-0.004584	-	-
Standard 2		99.5940	0.025000	0.030409	0.005409	21.6
Standard 3		183.340	0.100000	0.095373	-0.004627	-4.6
Standard 4		700.891	0.500000	0.496850	-0.003150	-0.6
Standard 5		3289.21	2.50000	2.50467	0.004670	0.2
Standard 6		12938.8	10.0000	9.99010	-0.009903	-0.1

Curve Type: Linear Equation: y = 1289.1 x + 60.4

Al 257.509 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		19.6981	0.000000	0.004866	-	-
Standard 2		34.3202	0.025000	0.029546	0.004546	18.2
Standard 3		79.6500	0.100000	0.106057	0.006057	6.1
Standard 4		310.835	0.500000	0.496267	-0.003733	-0.7
Standard 5		1503.38	2.50000	2.50913	0.009128	0.4
Standard 6		5914.09	10.0000	9.95382	-0.046178	-0.5

Curve Type: Linear Equation: y = 592.5 x + 16.8

Al 308.215 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1278.50	0.000000	0.019461	-	-
Standard 2		1321.75	0.025000	0.026480	0.001480	5.9
Standard 3		1756.91	0.100000	0.097096	-0.002904	-2.9
Standard 4		4230.52	0.500000	0.498497	-0.001503	-0.3
Standard 5		16658.6	2.50000	2.51525	0.015253	0.6
Standard 6		62728.9	10.0000	9.99125	-0.008751	-0.1

Curve Type: Linear Equation: y = 6162.4 x + 1158.6

As 188.980 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999899

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.2801	0.000000	0.006146	-	-
Standard 2		12.0217	0.005000	-0.004935	-0.009935	-198.7
Standard 3		17.1979	0.020000	0.008535	-0.011465	-57.3
Standard 4		45.5975	0.100000	0.082440	-0.017560	-17.6
Standard 5		198.773	0.500000	0.481055	-0.018945	-3.8
Standard 6		792.821	2.00000	2.02697	0.026966	1.3

Maximum error exceeded.
Curve Type: Linear Equation: y = 384.3 x + 13.9

As 193.696 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999862

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.8649	0.000000	0.020592	-	-
Standard 2		10.0618	0.005000	0.003686	-0.001314	-26.3
Standard 3		16.6054	0.020000	0.017863	-0.002137	-10.7
Standard 4		51.4108	0.100000	0.093270	-0.006730	-6.7
Standard 5		230.022	0.500000	0.480239	-0.019761	-4.0
Standard 6		932.457	2.00000	2.00209	0.002090	0.1

Curve Type: Linear Equation: y = 461.6 x + 8.4

As 228.812 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999847

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		33.7530	0.000000	0.000468	-	-
Standard 2		14.4006	0.005000	-0.037713	-0.042713	-854.3
Standard 3		23.3788	0.020000	-0.019999	-0.039999	-200.0
Standard 4		89.0811	0.100000	0.109628	0.009628	9.6
Standard 5		417.331	0.500000	0.757248	0.257248	51.4
Standard 6		1678.01	2.00000	3.24450	1.24450	62.2

Maximum error exceeded.
Curve Type: Linear Equation: y = 506.9 x + 33.5

B 182.577 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.55552	0.000000	-0.000545	-	-
Standard 3		14.5496	0.020000	0.020783	0.000783	3.9
Standard 4		55.5056	0.100000	0.100236	0.000236	0.2
Standard 5		260.496	0.500000	0.497909	-0.002091	-0.4
Standard 6		1034.88	2.00000	2.00018	0.000181	0.0

Curve Type: Linear Equation: y = 515.5 x + 3.8

B 249.678 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		23.3603	0.000000	-0.000499	-	-
Standard 3		225.272	0.020000	0.019830	-0.000170	-0.9
Standard 4		1032.91	0.100000	0.101145	0.001145	1.1
Standard 5		4952.70	0.500000	0.495797	-0.004203	-0.8
Standard 6		19844.3	2.00000	1.99512	-0.004881	-0.2

Curve Type: Linear Equation: y = 9932.3 x + 28.3

B 249.772 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		57.9767	0.000000	-0.000529	-	-
Standard 3		457.038	0.020000	0.020143	0.000143	0.7
Standard 4		2015.43	0.100000	0.100868	0.000868	0.9
Standard 5		9724.31	0.500000	0.500190	0.000190	0.0
Standard 6		38633.1	2.00000	1.99768	-0.002324	-0.1

Curve Type: Linear Equation: y = 19304.9 x + 68.2

Ba 233.527 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		205.710	0.000000	0.000203	-	-
Standard 2		409.577	0.005000	0.004986	-0.000014	-0.3
Standard 3		1053.85	0.020000	0.020102	0.000102	0.5
Standard 4		4423.36	0.100000	0.099158	-0.000842	-0.8
Standard 5		21540.5	0.500000	0.500763	0.000763	0.2
Standard 6		85607.1	2.00000	2.00390	0.003901	0.2

Curve Type: Linear Equation: y = 42621.9 x + 197.1

Ba 455.403 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999970**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3975.51	0.000000	-0.000052	-	-
Standard 2		8493.62	0.005000	0.005057	0.000057	1.1
Standard 3		21997.2	0.020000	0.020327	0.000327	1.6
Standard 4		91225.0	0.100000	0.098612	-0.001388	-1.4
Standard 5		448099	0.500000	0.502175	0.002175	0.4
Standard 6		1727184	2.00000	1.94860	-0.051399	-2.6

Curve Type: Linear Equation: y = 884307.4 x + 4021.8

Ba 493.408 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999974

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2555.20	0.000000	-0.000007	-	-
Standard 2		5346.82	0.005000	0.005030	0.000030	0.6
Standard 3		13749.2	0.020000	0.020190	0.000190	1.0
Standard 4		57309.1	0.100000	0.098786	-0.001214	-1.2
Standard 5		280832	0.500000	0.502092	0.002092	0.4
Standard 6		1084522	2.00000	1.95220	-0.047799	-2.4

Curve Type: Linear Equation: y = 554227.4 x + 2559.1

Be 234.861 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-0.001645	0.000000	0.000007	-	-
Standard 1		109.605	0.001000	0.000924	-0.000076	-7.6
Standard 2		587.137	0.005000	0.004922	-0.000078	-1.6
Standard 3		2376.28	0.020000	0.019898	-0.000102	-0.5
Standard 4		11581.8	0.100000	0.096956	-0.003044	-3.0
Standard 5		59930.2	0.500000	0.501672	0.001672	0.3
Standard 6		241377	2.00000	2.02053	0.020529	1.0

Curve Type: Linear Equation: y = 119462.7 x + -0.8

Be 313.042 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		863.346	0.000000	0.000013	-	-
Standard 1		2552.75	0.001000	0.000991	-0.000009	-0.9
Standard 2		9424.43	0.005000	0.004969	-0.000031	-0.6
Standard 3		35570.6	0.020000	0.020105	0.000105	0.5
Standard 4		173140	0.100000	0.099741	-0.000259	-0.3
Standard 5		857863	0.500000	0.496115	-0.003885	-0.8
Standard 6		3458072	2.00000	2.00133	0.001330	0.1

Curve Type: Linear Equation: y = 1727467.8 x + 840.0

Be 313.107 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		80.1800	0.000000	0.000001	-	-
Standard 1		904.682	0.001000	0.000976	-0.000024	-2.4
Standard 2		4317.66	0.005000	0.005012	0.000012	0.2
Standard 3		17128.9	0.020000	0.020161	0.000161	0.8
Standard 4		84357.4	0.100000	0.099660	-0.000340	-0.3
Standard 5		420943	0.500000	0.497679	-0.002321	-0.5
Standard 6		1692712	2.00000	2.00157	0.001568	0.1

Curve Type: Linear Equation: y = 845653.4 x + 79.6

Ca 393.366 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999228

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank	n	16061.5	0.000000	-0.000057	-	-
Standard 2	n	88928.2	0.050000	0.055842	0.005842	11.7
Standard 3	n	284260	0.200000	0.205689	0.005689	2.8
Standard 4	n	1280099	1.00000	0.969638	-0.030362	-3.0
Standard 5	n	5893302	5.00000	4.50862	-0.491385	-9.8
Standard 6	n	20314930	20.0000	15.5720	-4.42796	-22.1

Curve Type: Linear Equation: y = 1303541.3 x + 16135.8

Ca 396.847 Calibration (mg/L) 4/1/2011, 12:25:31 PM Correlation Coefficient: 0.999949

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24674.3	0.000000	-0.000115	-	-
Standard 2		136565	0.050000	0.054330	0.004330	8.7
Standard 3		437858	0.200000	0.200938	0.000938	0.5
Standard 4		1975582	1.00000	0.949187	-0.050813	-5.1
Standard 5		9286309	5.00000	4.50655	-0.493449	-9.9

Curve Type: Linear Equation: y = 2055096.4 x + 24911.7

Ca 430.253 Calibration (mg/L) 4/1/2011, 12:33:56 PM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1224.39	0.000000	-0.013286	-	-
Standard 2		1493.00	0.050000	0.046161	-0.003839	-7.7
Standard 3		2266.78	0.200000	0.217415	0.017415	8.7
Standard 4		5855.53	1.00000	1.01168	0.011676	1.2
Standard 5		24037.3	5.00000	5.03567	0.035672	0.7
Standard 6		91756.4	20.0000	20.0232	0.023243	0.1
Standard 7		446571	100.000	98.5507	-1.44928	-1.4

Curve Type: Linear Equation: y = 4518.3 x + 1284.4

Cd 214.439 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.81134	0.000000	0.000099	-	-
Standard 1		13.3239	0.000500	0.000537	0.000037	7.5
Standard 2		55.5996	0.002500	0.002487	-0.000013	-0.5
Standard 3		215.253	0.010000	0.009848	-0.000152	-1.5
Standard 4		1071.18	0.050000	0.049313	-0.000687	-1.4
Standard 5		5439.85	0.250000	0.250743	0.000743	0.3
Standard 6		21700.9	1.00000	1.00051	0.000507	0.1

Curve Type: Linear Equation: y = 21688.3 x + 1.7

Cd 226.502 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24.7187	0.000000	0.000009	-	-
Standard 1		43.4553	0.000500	0.000463	-0.000037	-7.3
Standard 2		127.049	0.002500	0.002491	-0.000009	-0.4
Standard 3		437.445	0.010000	0.010018	0.000018	0.2
Standard 4		2094.27	0.050000	0.050196	0.000196	0.4
Standard 5		10347.5	0.250000	0.250337	0.000337	0.1
Standard 6		41214.1	1.00000	0.998856	-0.001144	-0.1

Curve Type: Linear Equation: y = 41236.9 x + 24.3

Cd 228.802 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		27.8270	0.000000	0.000194	-	-
Standard 1		32.3549	0.000500	0.000491	-0.000009	-1.8
Standard 2		63.5398	0.002500	0.002533	0.000033	1.3
Standard 3		177.252	0.010000	0.009979	-0.000021	-0.2
Standard 4		784.485	0.050000	0.049744	-0.000256	-0.5
Standard 5		3861.02	0.250000	0.251209	0.001209	0.5
Standard 6		15289.6	1.00000	0.999606	-0.000394	0.0

Curve Type: Linear Equation: y = 15270.8 x + 24.9

Co 228.615 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.92977	0.000000	0.000002	-	-
Standard 2		60.0057	0.005000	0.005405	0.000405	8.1
Standard 3		203.259	0.020000	0.020266	0.000266	1.3
Standard 4		967.853	0.100000	0.099586	-0.000414	-0.4
Standard 5		4862.02	0.500000	0.503573	0.003573	0.7
Standard 6		19322.1	2.00000	2.00368	0.003683	0.2

Curve Type: Linear Equation: y = 9639.4 x + 7.9

Co 230.786 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.7609	0.000000	0.000721	-	-
Standard 2		44.9413	0.005000	0.005295	0.000295	5.9
Standard 3		146.748	0.020000	0.020724	0.000724	3.6
Standard 4		669.210	0.100000	0.099905	-0.000095	-0.1
Standard 5		3331.66	0.500000	0.503406	0.003406	0.7
Standard 6		13249.9	2.00000	2.00654	0.006543	0.3

Curve Type: Linear Equation: y = 6598.4 x + 10.0

Co 238.892 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.89001	0.000000	-0.000134	-	-
Standard 2		34.6017	0.005000	0.005000	0.000000	0.0
Standard 3		131.288	0.020000	0.020655	0.000655	3.3
Standard 4		620.883	0.100000	0.099926	-0.000074	-0.1
Standard 5		3104.35	0.500000	0.502029	0.002029	0.4
Standard 6		12305.0	2.00000	1.99172	-0.008284	-0.4

Curve Type: Linear Equation: y = 6176.2 x + 3.7

Cr 205.560 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.59677	0.000000	0.000187	-	-
Standard 1		8.45922	0.001000	0.000854	-0.000146	-14.6
Standard 2		26.3505	0.005000	0.005023	0.000023	0.5
Standard 3		89.6695	0.020000	0.019779	-0.000221	-1.1
Standard 4		433.076	0.100000	0.099803	-0.000197	-0.2
Standard 5		2161.90	0.500000	0.502670	0.002670	0.5
Standard 6		8558.35	2.00000	1.99324	-0.006761	-0.3

Curve Type: Linear Equation: y = 4291.3 x + 4.8

Cr 206.158 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.88449	0.000000	0.000454	-	-
Standard 1		4.21795	0.001000	0.000643	-0.000357	-35.7
Standard 2		12.7711	0.005000	0.005490	0.000490	9.8
Standard 3		39.2297	0.020000	0.020485	0.000485	2.4
Standard 4		176.617	0.100000	0.098347	-0.001653	-1.7
Standard 5		886.838	0.500000	0.500856	0.000856	0.2
Standard 6		3542.37	2.00000	2.00584	0.005844	0.3

Curve Type: Linear Equation: y = 1764.5 x + 3.1

Cr 267.716 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		23.8555	0.000000	-0.000011	-	-
Standard 1		47.5552	0.001000	0.001024	0.000024	2.4
Standard 2		138.410	0.005000	0.004993	-0.000007	-0.1
Standard 3		488.615	0.020000	0.020291	0.000291	1.5
Standard 4		2310.24	0.100000	0.099863	-0.000137	-0.1
Standard 5		11474.5	0.500000	0.500176	0.000176	0.0
Standard 6		45794.2	2.00000	1.99933	-0.000672	0.0

Curve Type: Linear Equation: y = 22892.7 x + 24.1

Cu 213.598 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.20941	0.000000	0.001121	-	-
Standard 1		4.48788	0.001000	0.000958	-0.000042	-4.2
Standard 2		20.8824	0.005000	0.004658	-0.000342	-6.8
Standard 3		83.2223	0.020000	0.018725	-0.001275	-6.4
Standard 4		438.789	0.100000	0.098959	-0.001041	-1.0
Standard 5		2248.90	0.500000	0.507412	0.007412	1.5
Standard 6		8957.07	2.00000	2.02112	0.021120	1.1

Curve Type: Linear Equation: y = 4431.6 x + 0.2

Cu 324.754 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		664.015	0.000000	0.001774	-	-
Standard 1		658.403	0.001000	0.001603	0.000603	60.3
Standard 2		768.204	0.005000	0.004943	-0.000057	-1.1
Standard 3		1250.56	0.020000	0.019619	-0.000381	-1.9
Standard 4		3851.08	0.100000	0.098739	-0.001261	-1.3
Standard 5		17146.5	0.500000	0.503247	0.003247	0.6
Standard 6		66903.8	2.00000	2.01709	0.017094	0.9

Curve Type: Linear Equation: y = 32868.1 x + 605.7

Cu 327.395 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		35.1951	0.000000	0.000023	-	-
Standard 1		88.8629	0.001000	0.001263	0.000263	26.3
Standard 2		255.461	0.005000	0.005115	0.000115	2.3
Standard 3		899.704	0.020000	0.020010	0.000010	0.1
Standard 4		4329.86	0.100000	0.099316	-0.000684	-0.7
Standard 5		21665.4	0.500000	0.500115	0.000115	0.0
Standard 6		85479.8	2.00000	1.97551	-0.024488	-1.2

Curve Type: Linear Equation: y = 43252.4 x + 34.2

Fe 234.350 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.5305	0.000000	-0.000010	-	-
Standard 2		74.1203	0.005000	0.006732	0.001732	34.6
Standard 3		190.528	0.020000	0.019074	-0.000926	-4.6
Standard 4		949.446	0.100000	0.099537	-0.000463	-0.5
Standard 5		4697.30	0.500000	0.496897	-0.003103	-0.6
Standard 6		18608.9	2.00000	1.97185	-0.028149	-1.4

Curve Type: Linear Equation: y = 9431.9 x + 10.6

Fe 238.204 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		20.3264	0.000000	-0.000180	-	-
Standard 2		155.530	0.005000	0.006628	0.001628	32.6
Standard 3		413.548	0.020000	0.019619	-0.000381	-1.9
Standard 4		2004.91	0.100000	0.099747	-0.000253	-0.3
Standard 5		9877.25	0.500000	0.496132	-0.003868	-0.8
Standard 6		39315.2	2.00000	1.97838	-0.021622	-1.1

Curve Type: Linear Equation: y = 19860.3 x + 23.9

Fe 259.940 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		42.7611	0.000000	-0.000177	-	-
Standard 2		150.814	0.005000	0.006577	0.001577	31.5
Standard 3		366.008	0.020000	0.020027	0.000027	0.1
Standard 4		1647.22	0.100000	0.100103	0.000103	0.1
Standard 5		7947.24	0.500000	0.493860	-0.006140	-1.2
Standard 6		31689.2	2.00000	1.97775	-0.022249	-1.1

Curve Type: Linear Equation: y = 15999.8 x + 45.6

Ga 287.423 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		19.2236	0.000000	0.004286	-	-
Standard 2		25.6752	0.005000	0.007036	0.002036	40.7
Standard 3		54.0640	0.020000	0.019134	-0.000866	-4.3
Standard 4		245.737	0.100000	0.100820	0.000820	0.8
Standard 5		1188.71	0.500000	0.502689	0.002689	0.5
Standard 6		4699.84	2.00000	1.99904	-0.000957	0.0

Curve Type: Linear Equation: y = 2346.5 x + 9.2

Ga 294.363 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999996**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24.4714	0.000000	0.002109	-	-
Standard 2		43.5943	0.005000	0.005055	0.000055	1.1
Standard 3		135.736	0.020000	0.019247	-0.000753	-3.8
Standard 4		658.750	0.100000	0.099804	-0.000196	-0.2
Standard 5		3241.94	0.500000	0.497676	-0.002324	-0.5
Standard 6		13064.7	2.00000	2.01062	0.010624	0.5

Curve Type: Linear Equation: y = 6492.5 x + 10.8

Ga 417.204 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		68.4410	0.000000	0.000212	-	-
Standard 2		112.687	0.005000	0.004923	-0.000077	-1.5
Standard 3		255.128	0.020000	0.020091	0.000091	0.5
Standard 4		994.597	0.100000	0.098833	-0.001167	-1.2
Standard 5		4771.54	0.500000	0.501020	0.001020	0.2
Standard 6		19001.2	2.00000	2.01626	0.016262	0.8

Curve Type: Linear Equation: y = 9391.0 x + 66.5

K 766.491 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999846**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2326.95	0.000000	0.000986	-	-
Standard 1		3007.70	0.010000	0.009728	-0.000272	-2.7
Standard 2		6039.75	0.050000	0.048665	-0.001335	-2.7
Standard 3		17644.3	0.200000	0.197690	-0.002310	-1.2
Standard 4		78693.1	1.00000	0.981673	-0.018327	-1.8
Standard 5		397216	5.00000	5.07211	0.072112	1.4
Standard 6		1478606	20.0000	18.9592	-1.04077	-5.2

Curve Type: Linear Equation: y = 77870.0 x + 2250.2

K 769.897 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999992**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		12664.6	0.000000	0.003451	-	-
Standard 1		13351.8	0.010000	0.015053	0.005053	50.5
Standard 2		15362.8	0.050000	0.049005	-0.000995	-2.0
Standard 3		24142.4	0.200000	0.197230	-0.002770	-1.4
Standard 4		69798.5	1.00000	0.968039	-0.031961	-3.2
Standard 5		313012	5.00000	5.07420	0.074195	1.5
Standard 6		1198767	20.0000	20.0283	0.028349	0.1

Curve Type: Linear Equation: y = 59231.4 x + 12460.2

Li 610.365 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999875**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.201152	0.000000	0.011714	-	-
Standard 2		-53.2173	0.010000	0.010695	0.000695	6.9
Standard 3		761.784	0.040000	0.026244	-0.013756	-34.4
Standard 4		8393.30	0.200000	0.171841	-0.028159	-14.1
Standard 5		52665.8	1.00000	1.01649	0.016491	1.6
Standard 6		224387	4.00000	4.29267	0.292671	7.3

Curve Type: Linear Equation: y = 52415.2 x + -613.8

Li 670.783 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999641

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		70599.5	0.000000	-0.000804	-	-
Standard 2		114138	0.010000	0.010119	0.000119	1.2
Standard 3		234975	0.040000	0.040433	0.000433	1.1
Standard 4		865278	0.200000	0.198559	-0.001441	-0.7
Standard 5		4079774	1.00000	1.00499	0.004990	0.5
Standard 6		14551453	4.00000	3.63205	-0.367949	-9.2

Curve Type: Linear Equation: y = 3986080.5 x + 73803.9

Mg 279.078 Calibration (mg/L) 4/1/2011, 12:33:56 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.6097	0.000000	0.000040	-	-
Standard 1		35.9657	0.010000	0.009979	-0.000021	-0.2
Standard 2		109.649	0.050000	0.049875	-0.000125	-0.3
Standard 3		390.120	0.200000	0.201735	0.001735	0.9
Standard 4		1847.69	1.00000	0.990934	-0.009066	-0.9
Standard 5		9257.83	5.00000	5.00313	0.003128	0.1
Standard 6		37104.5	20.0000	20.0806	0.080633	0.4
Standard 7		185488	100.000	100.423	0.422546	0.4

Curve Type: Linear Equation: y = 1846.9 x + 17.5

Mg 280.270 Calibration (mg/L) 4/1/2011, 12:33:56 PM Correlation Coefficient: 0.997799

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		306.247	0.000000	-0.000490	-	-
Standard 1		1436.15	0.010000	0.010311	0.000311	3.1
Standard 2		5792.25	0.050000	0.051950	0.001950	3.9
Standard 3		22025.9	0.200000	0.207124	0.007124	3.6
Standard 4		107152	1.00000	1.02083	0.020831	2.1
Standard 5		538261	5.00000	5.14172	0.141725	2.8
Standard 6		2040552	20.0000	19.5019	-0.498144	-2.5
Standard 7		7674489	100.000	73.3557	-26.6443	-26.6

Curve Type: Linear Equation: y = 104615.4 x + 357.5

Mg 285.213 Calibration (mg/L) 4/1/2011, 12:33:56 PM Correlation Coefficient: 0.999815

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		79.2655	0.000000	0.000179	-	-
Standard 1		465.502	0.010000	0.010562	0.000562	5.6
Standard 2		1915.51	0.050000	0.049545	-0.000455	-0.9
Standard 3		7382.16	0.200000	0.196512	-0.003488	-1.7
Standard 4		36905.0	1.00000	0.990215	-0.009785	-1.0
Standard 5		192059	5.00000	5.16142	0.161419	3.2
Standard 6		773375	20.0000	20.7897	0.789726	3.9
Standard 7		3529187	100.000	94.8779	-5.12207	-5.1

Curve Type: Linear Equation: y = 37196.4 x + 72.6

Mn 257.610 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.56759	0.000000	-0.000000	-	-
Standard 2		780.162	0.005000	0.004993	-0.000007	-0.1
Standard 3		3157.75	0.020000	0.020281	0.000281	1.4
Standard 4		15322.7	0.100000	0.098500	-0.001500	-1.5
Standard 5		78130.3	0.500000	0.502347	0.002347	0.5
Standard 6		310282	2.00000	1.99506	-0.004945	-0.2

Curve Type: Linear Equation: y = 155523.5 x + 3.6

Mn 259.372 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		51.1163	0.000000	-0.000007	-	-
Standard 2		634.380	0.005000	0.005039	0.000039	0.8
Standard 3		2380.07	0.020000	0.020139	0.000139	0.7
Standard 4		11463.3	0.100000	0.098708	-0.001292	-1.3
Standard 5		58201.6	0.500000	0.502986	0.002986	0.6
Standard 6		231062	2.00000	1.99820	-0.001799	-0.1

Curve Type: Linear Equation: y = 115608.9 x + 51.9

Mn 260.568 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.05650	0.000000	0.000086	-	-
Standard 2		106.568	0.005000	0.004970	-0.000030	-0.6
Standard 3		410.350	0.020000	0.020029	0.000029	0.1
Standard 4		2019.86	0.100000	0.099818	-0.000182	-0.2
Standard 5		10103.5	0.500000	0.500550	0.000550	0.1
Standard 6		40359.5	2.00000	2.00044	0.000441	0.0

Curve Type: Linear Equation: y = 20172.2 x + 6.3

Mo 202.032 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999913

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		113.806	0.000000	0.016893	-	-
Standard 2		99.6037	0.010000	0.013227	0.003227	32.3
Standard 3		195.180	0.040000	0.037895	-0.002105	-5.3
Standard 4		778.167	0.200000	0.188358	-0.011642	-5.8
Standard 5		3922.57	1.00000	0.999895	-0.000105	0.0
Standard 6		16246.2	4.00000	4.18050	0.180501	4.5

Curve Type: Linear Equation: y = 3874.6 x + 48.4

Mo 203.846 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999864

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		45.9754	0.000000	0.019137	-	-
Standard 2		37.8078	0.010000	0.014155	0.004155	41.5
Standard 3		77.1028	0.040000	0.038124	-0.001876	-4.7
Standard 4		318.983	0.200000	0.185665	-0.014335	-7.2
Standard 5		1629.63	1.00000	0.985132	-0.014868	-1.5
Standard 6		6858.39	4.00000	4.17455	0.174551	4.4

Curve Type: Linear Equation: y = 1639.4 x + 14.6

Mo 204.598 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999860

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		45.2031	0.000000	0.018426	-	-
Standard 2		37.2051	0.010000	0.014260	0.004260	42.6
Standard 3		85.8483	0.040000	0.039597	-0.000403	-1.0
Standard 4		366.955	0.200000	0.186023	-0.013977	-7.0
Standard 5		1888.12	1.00000	0.978381	-0.021619	-2.2
Standard 6		7981.01	4.00000	4.15211	0.152105	3.8

Curve Type: Linear Equation: y = 1919.8 x + 9.8

Na 568.821 Calibration (mg/L) 4/1/2011, 12:33:56 PM Correlation Coefficient: 0.999954

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		212.459	0.000000	0.352213	-	-
Standard 4		459.314	1.00000	1.24959	0.249588	25.0
Standard 5		1473.94	5.00000	4.93798	-0.062024	-1.2
Standard 6		5431.47	20.0000	19.3245	-0.675478	-3.4
Standard 7		27661.5	100.000	100.136	0.135704	0.1

Curve Type: Linear Equation: y = 275.1 x + 115.6

Na 588.995 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999639

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		211085	0.000000	-0.210878	-	-
Standard 4		909182	1.00000	0.937420	-0.062580	-6.3
Standard 5		3598113	5.00000	5.36044	0.360440	7.2
Standard 6		12445208	20.0000	19.9130	-0.086981	-0.4

Curve Type: Linear Equation: y = 607940.0 x + 339286.7

Na 589.592 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999925

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		72938.6	0.000000	-0.066041	-	-
Standard 4		409935	1.00000	0.936472	-0.063528	-6.4
Standard 5		1832545	5.00000	5.16852	0.168524	3.4
Standard 6		6805072	20.0000	19.9610	-0.038954	-0.2

Curve Type: Linear Equation: y = 336151.4 x + 95138.5

Ni 216.555 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.59613	0.000000	0.000055	-	-
Standard 2		63.2641	0.010000	0.010238	0.000238	2.4
Standard 3		234.762	0.040000	0.040006	0.000006	0.0
Standard 4		1148.39	0.200000	0.198589	-0.001411	-0.7
Standard 5		5813.89	1.00000	1.00840	0.008404	0.8
Standard 6		22996.1	4.00000	3.99081	-0.009186	-0.2

Curve Type: Linear Equation: y = 5761.2 x + 4.3

Ni 221.648 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.16644	0.000000	0.000065	-	-
Standard 2		24.1607	0.010000	0.009398	-0.000602	-6.0
Standard 3		93.7072	0.040000	0.040315	0.000315	0.8
Standard 4		448.419	0.200000	0.198001	-0.001999	-1.0
Standard 5		2254.89	1.00000	1.00106	0.001063	0.1
Standard 6		8916.03	4.00000	3.96225	-0.037752	-0.9

Curve Type: Linear Equation: y = 2249.5 x + 3.0

Ni 231.604 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.79785	0.000000	-0.000448	-	-
Standard 2		47.5226	0.010000	0.010250	0.000250	2.5
Standard 3		158.336	0.040000	0.040091	0.000091	0.2
Standard 4		750.327	0.200000	0.199509	-0.000491	-0.2
Standard 5		3749.64	1.00000	1.00720	0.007196	0.7
Standard 6		14862.0	4.00000	3.99965	-0.000353	0.0

Curve Type: Linear Equation: y = 3713.5 x + 9.5

P 177.434 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999983

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.91915	0.000000	0.000922	-	-
Standard 3		5.41627	0.020000	0.021023	0.001023	5.1
Standard 4		18.4725	0.100000	0.096068	-0.003932	-3.9
Standard 5		87.3537	0.500000	0.491985	-0.008015	-1.6
Standard 6		351.618	2.00000	2.01093	0.010929	0.5

Curve Type: Linear Equation: y = 174.0 x + 1.8

P 213.618 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.060678	0.000000	-0.000002	-	-
Standard 3		15.4544	0.020000	0.020921	0.000921	4.6
Standard 4		72.4073	0.100000	0.098328	-0.001672	-1.7
Standard 5		367.677	0.500000	0.499645	-0.000355	-0.1
Standard 6		1467.48	2.00000	1.99445	-0.005549	-0.3

Curve Type: Linear Equation: y = 735.8 x + 0.1

P 214.914 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999975**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.44387	0.000000	0.001615	-	-
Standard 3		6.99973	0.020000	0.019102	-0.000898	-4.5
Standard 4		25.8107	0.100000	0.111606	0.011606	11.6
Standard 5		103.839	0.500000	0.495317	-0.004683	-0.9
Standard 6		399.980	2.00000	1.95162	-0.048380	-2.4

Curve Type: Linear Equation: y = 203.4 x + 3.1

Pb 220.353 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.82049	0.000000	0.002249	-	-
Standard 2		16.5399	0.010000	0.009021	-0.000979	-9.8
Standard 3		56.8728	0.040000	0.040347	0.000347	0.9
Standard 4		259.545	0.200000	0.197757	-0.002243	-1.1
Standard 5		1294.12	1.00000	1.00128	0.001285	0.1
Standard 6		5144.45	4.00000	3.99173	-0.008265	-0.2

Curve Type: Linear Equation: y = 1287.5 x + 4.9

Pb 261.417 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999990**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		23.0846	0.000000	0.007556	-	-
Standard 2		24.5151	0.010000	0.010231	0.000231	2.3
Standard 3		40.3969	0.040000	0.039937	-0.000063	-0.2
Standard 4		119.908	0.200000	0.188654	-0.011346	-5.7
Standard 5		552.814	1.00000	0.998368	-0.001632	-0.2
Standard 6		2169.57	4.00000	4.02238	0.022377	0.6

Curve Type: Linear Equation: y = 534.6 x + 19.0

Pb 405.781 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.999986

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		53.2136	0.000000	0.010727	-	-
Standard 2		65.3026	0.010000	0.019600	0.009600	96.0
Standard 3		86.3845	0.040000	0.035073	-0.004927	-12.3
Standard 4		301.522	0.200000	0.192977	-0.007023	-3.5
Standard 5		1395.71	1.00000	0.996073	-0.003927	-0.4
Standard 6		5508.81	4.00000	4.01494	0.014938	0.4

Curve Type: Linear Equation: y = 1362.5 x + 38.6

Sb 206.834 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.997481

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		9.30858	0.000000	0.001266	-	-
Standard 2		17.1139	0.010000	0.014014	0.004014	40.1
Standard 3		38.0902	0.040000	0.048274	0.008274	20.7
Standard 4		149.009	0.200000	0.229431	0.029431	14.7
Standard 5		522.371	1.00000	0.839221	-0.160779	-16.1
Standard 6		2837.69	4.00000	4.62070	0.620702	15.5

Curve Type: Linear Equation: y = 612.3 x + 8.5

Sb 231.146 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.997987

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.83200	0.000000	-0.002016	-	-
Standard 2		7.23631	0.010000	0.009112	-0.000888	-8.9
Standard 3		26.2244	0.040000	0.048213	0.008213	20.5
Standard 4		108.697	0.200000	0.218040	0.018040	9.0
Standard 5		405.583	1.00000	0.829391	-0.170609	-17.1
Standard 6		2137.74	4.00000	4.39626	0.396264	9.9

Curve Type: Linear Equation: y = 485.6 x + 2.8

Sb 259.804 Calibration (mg/L) 4/1/2011, 12:29:44 PM Correlation Coefficient: 0.997275

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.92446	0.000000	0.003608	-	-
Standard 2		13.8151	0.010000	0.019668	0.009668	96.7
Standard 3		29.3698	0.040000	0.055921	0.015921	39.8
Standard 4		95.6702	0.200000	0.210444	0.010444	5.2
Standard 5		332.043	1.00000	0.761349	-0.238651	-23.9
Standard 6		1820.43	4.00000	4.23026	0.230265	5.8

Curve Type: Linear Equation: y = 429.1 x + 5.4

Se 196.026 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999889**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		9.36577	0.000000	0.001932	-	-
Standard 2		10.9463	0.010000	0.006934	-0.003066	-30.7
Standard 3		20.4796	0.040000	0.037105	-0.002895	-7.2
Standard 4		67.3740	0.200000	0.185514	-0.014486	-7.2
Standard 5		321.093	1.00000	0.988470	-0.011530	-1.2
Standard 6		1336.87	4.00000	4.20313	0.203132	5.1

Curve Type: Linear Equation: y = 316.0 x + 8.8

Se 203.985 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999856**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.69521	0.000000	0.017668	-	-
Standard 2		4.76181	0.010000	0.006639	-0.003361	-33.6
Standard 3		10.2434	0.040000	0.037908	-0.002092	-5.2
Standard 4		37.5102	0.200000	0.193448	-0.006552	-3.3
Standard 5		180.702	1.00000	1.01027	0.010270	1.0
Standard 6		758.345	4.00000	4.30536	0.305359	7.6

Curve Type: Linear Equation: y = 175.3 x + 3.6

Si 250.690 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999960**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		140.958	0.000000	0.020285	-	-
Standard 2		108.331	0.010000	-0.003973	-0.013973	-139.7
Standard 3		151.344	0.040000	0.028006	-0.011994	-30.0
Standard 4		365.917	0.200000	0.187539	-0.012461	-6.2
Standard 5		1452.19	1.00000	0.995168	-0.004832	-0.5
Standard 6		5562.48	4.00000	4.05113	0.051126	1.3

Maximum error exceeded.
Curve Type: Linear Equation: y = 1345.0 x + 113.7

Si 251.611 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999954**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		151.854	0.000000	0.004525	-	-
Standard 2		108.121	0.010000	-0.027612	-0.037612	-376.1
Standard 3		155.456	0.040000	0.007172	-0.032828	-82.1
Standard 4		397.790	0.200000	0.185251	-0.014749	-7.4
Standard 5		1609.83	1.00000	1.07592	0.075917	7.6
Standard 6		6159.85	4.00000	4.41950	0.419501	10.5

Maximum error exceeded.
Curve Type: Linear Equation: y = 1360.8 x + 145.7

Si 288.158 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999943**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1632.63	0.000000	0.038547	-	-
Standard 2		1385.06	0.010000	0.006418	-0.003582	-35.8
Standard 3		1601.72	0.040000	0.034536	-0.005464	-13.7
Standard 4		2863.85	0.200000	0.198330	-0.001670	-0.8
Standard 5		9059.70	1.00000	1.00240	0.002401	0.2
Standard 6		32360.6	4.00000	4.02630	0.026299	0.7

Curve Type: Linear Equation: y = 7705.6 x + 1335.6

Sn 189.927 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.99027	0.000000	0.001000	-	-
Standard 2		5.79929	0.010000	0.009441	-0.000559	-5.6
Standard 3		15.8867	0.040000	0.039752	-0.000248	-0.6
Standard 4		68.4675	0.200000	0.197750	-0.002250	-1.1
Standard 5		336.162	1.00000	1.00214	0.002135	0.2
Standard 6		1333.11	4.00000	3.99783	-0.002174	-0.1

Curve Type: Linear Equation: y = 332.8 x + 2.7

Sn 283.998 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999993**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		20.8070	0.000000	0.000071	-	-
Standard 2		27.7019	0.010000	0.004992	-0.005008	-50.1
Standard 3		73.2694	0.040000	0.037514	-0.002486	-6.2
Standard 4		309.734	0.200000	0.206283	0.006283	3.1
Standard 5		1496.02	1.00000	1.05296	0.052957	5.3
Standard 6		5856.04	4.00000	4.16479	0.164788	4.1

Curve Type: Linear Equation: y = 1401.1 x + 20.7

Sr 216.596 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.0569	0.000000	0.000003	-	-
Standard 2		63.7143	0.005000	0.005023	0.000023	0.5
Standard 3		198.914	0.020000	0.019887	-0.000113	-0.6
Standard 4		925.686	0.100000	0.099790	-0.000210	-0.2
Standard 5		4587.58	0.500000	0.502387	0.002387	0.5
Standard 6		18174.3	2.00000	1.99614	-0.003858	-0.2

Curve Type: Linear Equation: y = 9095.7 x + 18.0

Sr 407.771 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5295.82	0.000000	-0.000026	-	-
Standard 2		18031.6	0.005000	0.005143	0.000143	2.9
Standard 3		56106.5	0.020000	0.020595	0.000595	3.0
Standard 4		255819	0.100000	0.101647	0.001647	1.6
Standard 5		1222046	0.500000	0.493781	-0.006219	-1.2
Standard 6		4897116	2.00000	1.98527	-0.014726	-0.7

Curve Type: Linear Equation: y = 2464021.0 x + 5359.3

Sr 421.552 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3192.69	0.000000	-0.000006	-	-
Standard 2		11418.8	0.005000	0.005050	0.000050	1.0
Standard 3		36064.8	0.020000	0.020201	0.000201	1.0
Standard 4		165636	0.100000	0.099850	-0.000150	-0.2
Standard 5		799070	0.500000	0.489230	-0.010770	-2.2
Standard 6		3196260	2.00000	1.96281	-0.037186	-1.9

Curve Type: Linear Equation: y = 1626775.0 x + 3202.8

Ti 334.941 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		69.7890	0.000000	-0.000073	-	-
Standard 2		1199.61	0.005000	0.005131	0.000131	2.6
Standard 3		4466.23	0.020000	0.020176	0.000176	0.9
Standard 4		21689.5	0.100000	0.099501	-0.000499	-0.5
Standard 5		108869	0.500000	0.501026	0.001026	0.2
Standard 6		433391	2.00000	1.99568	-0.004323	-0.2

Curve Type: Linear Equation: y = 217122.0 x + 85.6

Ti 336.122 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		47.0006	0.000000	0.000051	-	-
Standard 2		494.191	0.005000	0.004905	-0.000095	-1.9
Standard 3		1891.96	0.020000	0.020077	0.000077	0.4
Standard 4		9209.36	0.100000	0.099505	-0.000495	-0.5
Standard 5		46346.7	0.500000	0.502621	0.002621	0.5
Standard 6		183985	2.00000	1.99665	-0.003354	-0.2

Curve Type: Linear Equation: y = 92125.9 x + 42.3

Ti 337.280 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.2655	0.000000	0.000575	-	-
Standard 2		150.628	0.005000	0.004925	-0.000075	-1.5
Standard 3		611.201	0.020000	0.019619	-0.000381	-1.9
Standard 4		3107.26	0.100000	0.099249	-0.000751	-0.8
Standard 5		15658.2	0.500000	0.499656	-0.000344	-0.1
Standard 6		63131.7	2.00000	2.01418	0.014180	0.7

Curve Type: Linear Equation: y = 31345.5 x + -3.8

Tl 190.794 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999993**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.83851	0.000000	0.000622	-	-
Standard 3		8.84115	0.020000	0.018292	-0.001708	-8.5
Standard 4		38.7602	0.100000	0.093791	-0.006209	-6.2
Standard 5		198.108	0.500000	0.495893	-0.004107	-0.8
Standard 6		796.803	2.00000	2.00665	0.006655	0.3

Curve Type: Linear Equation: y = 396.3 x + 1.6

Tl 190.807 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999962**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.74653	0.000000	0.006019	-	-
Standard 3		2.97291	0.020000	0.012402	-0.007598	-38.0
Standard 4		18.7701	0.100000	0.094627	-0.005373	-5.4
Standard 5		97.5827	0.500000	0.504849	0.004849	1.0
Standard 6		399.014	2.00000	2.07381	0.073811	3.7

Curve Type: Linear Equation: y = 192.1 x + 0.6

Tl 351.923 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999992**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		19.3002	0.000000	0.004976	-	-
Standard 3		45.1189	0.020000	0.021001	0.001001	5.0
Standard 4		168.397	0.100000	0.097518	-0.002482	-2.5
Standard 5		815.011	0.500000	0.498863	-0.001137	-0.2
Standard 6		3247.40	2.00000	2.00861	0.008614	0.4

Curve Type: Linear Equation: y = 1611.1 x + 11.3

V 268.796 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		64.5785	0.000000	0.000085	-	-
Standard 2		69.6686	0.005000	0.000718	-0.004282	-85.6
Standard 3		201.756	0.020000	0.017158	-0.002842	-14.2
Standard 4		898.917	0.100000	0.103927	0.003927	3.9
Standard 5		4372.88	0.500000	0.536297	0.036297	7.3
Standard 6		17219.4	2.00000	2.13518	0.135181	6.8

Curve Type: Linear Equation: y = 8034.7 x + 63.9

V 292.401 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		30.3017	0.000000	-0.000173	-	-
Standard 2		194.438	0.005000	0.004936	-0.000064	-1.3
Standard 3		686.919	0.020000	0.020266	0.000266	1.3
Standard 4		3197.53	0.100000	0.098418	-0.001582	-1.6
Standard 5		16067.5	0.500000	0.499044	-0.000956	-0.2
Standard 6		64307.0	2.00000	2.00067	0.000674	0.0

Curve Type: Linear Equation: y = 32124.7 x + 35.9

V 311.837 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		12.1513	0.000000	0.000553	-	-
Standard 2		192.532	0.005000	0.004650	-0.000350	-7.0
Standard 3		850.227	0.020000	0.019586	-0.000414	-2.1
Standard 4		4305.97	0.100000	0.098069	-0.001931	-1.9
Standard 5		22219.5	0.500000	0.504900	0.004900	1.0
Standard 6		87907.7	2.00000	1.99673	-0.003269	-0.2

Curve Type: Linear Equation: y = 44031.9 x + -12.2

Zn 202.548 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999958**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		732.043	0.000000	0.000357	-	-
Standard 2		765.365	0.005000	0.003560	-0.001440	-28.8
Standard 3		925.924	0.020000	0.018997	-0.001003	-5.0
Standard 4		1739.90	0.100000	0.097252	-0.002748	-2.7
Standard 5		6067.60	0.500000	0.513317	0.013317	2.7
Standard 6		21387.6	2.00000	1.98618	-0.013817	-0.7

Curve Type: Linear Equation: y = 10401.5 x + 728.3

Zn 206.200 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999983**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		230.246	0.000000	0.000207	-	-
Standard 2		248.928	0.005000	0.005814	0.000814	16.3
Standard 3		294.976	0.020000	0.019632	-0.000368	-1.8
Standard 4		552.947	0.100000	0.097048	-0.002952	-3.0
Standard 5		1925.26	0.500000	0.508872	0.008872	1.8
Standard 6		6871.12	2.00000	1.99310	-0.006897	-0.3

Curve Type: Linear Equation: y = 3332.3 x + 229.6

Zn 213.857 Calibration (mg/L) **4/1/2011, 12:29:44 PM** **Correlation Coefficient: 0.999977**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1223.13	0.000000	0.000041	-	-
Standard 2		1280.82	0.005000	0.003340	-0.001660	-33.2
Standard 3		1551.17	0.020000	0.018806	-0.001194	-6.0
Standard 4		2912.89	0.100000	0.096702	-0.003298	-3.3
Standard 5		10169.7	0.500000	0.511822	0.011822	2.4
Standard 6		36189.0	2.00000	2.00024	0.000242	0.0

Curve Type: Linear Equation: y = 17481.2 x + 1222.4

SEQ-ICV1 (Samp) **4/1/2011, 12:40:03 PM** **Rack 1, Tube 1**

M_200.7_T_WW **ICV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.513937	mg/L	0.003322	0.6	27014.8	0.513937 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003177	0.6	1553.80	uncal mg/L	Y 371.029
Al 237.312	5.04032	mg/L	0.011626	0.2	6561.36	5.04032 mg/L	Y 371.029
Al 257.509	5.06182	mg/L	0.026847	0.5	3013.47	5.06182 mg/L	Y 371.029
Al 308.215	5.08028	mg/L	0.007651	0.2	32523.1	5.08028 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.004857	0.5	405.801	uncal mg/L	Y 371.029
As 193.696	1.00662	mg/L	0.002508	0.2	473.085	1.00662 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.018773	0.4	3210.46	uncal mg/L	Y 371.029
B 182.577	1.00573	mg/L	0.004615	0.5	523.095	1.00573 mg/L	Y 371.029
B 249.678	0.988857	mg/L	0.013161	1.3	9875.65	0.988857 mg/L	Y 371.029
B 249.772	1.01031	mg/L	0.015470	1.5	19677.1	1.01031 mg/L	Y 371.029
Ba 233.527	1.00268	mg/L	0.002027	0.2	42970.8	1.00268 mg/L	Y 371.029
Ba 455.403	0.975229	mg/L	0.001869	0.2	866772	0.975229 mg/L	Y 371.029
Ba 493.408	0.982555	mg/L	0.003315	0.3	547368	0.982555 mg/L	Y 371.029
Be 234.861	0.999493	mg/L	0.001180	0.1	119374	0.999493 mg/L	Y 371.029
Be 313.042	1.00728	mg/L	0.004244	0.4	1740880	1.00728 mg/L	Y 371.029
Be 313.107	1.00967	mg/L	0.004763	0.5	853910	1.00967 mg/L	Y 371.029
Ca 393.366	8.50917n	mg/L	0.017229	0.2	11118073	8.50917 mg/L	Y 371.029
Ca 396.847	8.73333	mg/L	0.014593	0.2	17986666	8.73333 mg/L	Y 371.029
Ca 430.253	9.97881	mg/L	0.031899	0.3	46540.7	9.97881 mg/L	Y 371.029
Cd 214.439	0.991563	mg/L	0.010667	1.1	21507.0	0.991563 mg/L	Y 371.029
Cd 226.502	0.996871	mg/L	0.002778	0.3	41156.0	0.996871 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 228.802	0.989136	mg/L	0.002376	0.2	15132.5	0.989136 mg/L	Y 371.029
Co 228.615	0.993169	mg/L	0.001844	0.2	9581.42	0.993169 mg/L	Y 371.029
Co 230.786	1.01089	mg/L	0.000475	0.0	6677.88	1.01089 mg/L	Y 371.029
Co 238.892	0.974070	mg/L	0.004992	0.5	5995.72	0.974070 mg/L	Y 371.029
Cr 205.560	1.00393	mg/L	0.002560	0.3	4326.69	1.00393 mg/L	Y 371.029
Cr 206.158	1.01528	mg/L	0.003938	0.4	1800.97	1.01528 mg/L	Y 371.029
Cr 267.716	0.998842	mg/L	0.001394	0.1	22958.0	0.998842 mg/L	Y 371.029
Cu 213.598	1.00999	mg/L	0.002821	0.3	4505.63	1.00999 mg/L	Y 371.029
Cu 324.754	1.00493	mg/L	0.005381	0.5	33573.2	1.00493 mg/L	Y 371.029
Cu 327.395	1.01352	mg/L	0.005570	0.5	43939.8	1.01352 mg/L	Y 371.029
Fe 234.350	5.11576	mg/L	0.009726	0.2	48735.5	5.11576 mg/L	Y 371.029
Fe 238.204	5.01956	mg/L	0.010191	0.2	100482	5.01956 mg/L	Y 371.029
Fe 259.940	5.11471	mg/L	0.018235	0.4	82413.4	5.11471 mg/L	Y 371.029
Ga 287.423	0.996266	mg/L	0.001566	0.2	2489.58	0.996266 mg/L	Y 371.029
Ga 294.363	0.994126	mg/L	0.003893	0.4	6494.96	0.994126 mg/L	Y 371.029
Ga 417.204	0.972510	mg/L	0.000645	0.1	9818.23	0.972510 mg/L	Y 371.029
K 766.491	9.77390	mg/L	0.046113	0.5	763772	9.77390 mg/L	Y 371.029
K 769.897	9.97095	mg/L	0.054180	0.5	603632	9.97095 mg/L	Y 371.029
Li 610.365	1.01720	mg/L	0.001462	0.1	52703.0	1.01720 mg/L	Y 371.029
Li 670.783	1.00376	mg/L	0.002851	0.3	4079804	1.00376 mg/L	Y 371.029
Mg 279.078	9.99596	mg/L	0.031450	0.3	18479.1	9.99596 mg/L	Y 371.029
Mg 280.270	9.95231	mg/L	0.004896	0.0	1041793	9.95231 mg/L	Y 371.029
Mg 285.213	10.4260	mg/L	0.064222	0.6	387936	10.4260 mg/L	Y 371.029
Mn 257.610	0.985712	mg/L	0.004536	0.5	155363	0.985712 mg/L	Y 371.029
Mn 259.372	0.989129	mg/L	0.004963	0.5	116594	0.989129 mg/L	Y 371.029
Mn 260.568	1.00755	mg/L	0.000410	0.0	20465.1	1.00755 mg/L	Y 371.029
Mo 202.032	1.06146	mg/L	0.026984	2.5	4190.28	1.06146 mg/L	Y 371.029
Mo 203.846	1.04463	mg/L	0.030867	3.0	1740.36	1.04463 mg/L	Y 371.029
Mo 204.598	1.04860	mg/L	0.027350	2.6	2038.64	1.04860 mg/L	Y 371.029
Na 568.821	9.67775	mg/L	0.068900	0.7	2813.23	9.67775 mg/L	Y 371.029
Na 588.995	10.3859	mg/L	0.065204	0.6	6661728	10.3859 mg/L	Y 371.029
Na 589.592	10.3953	mg/L	0.189236	1.8	3595717	10.3953 mg/L	Y 371.029
Ni 216.555	1.00537	mg/L	0.000344	0.0	5829.13	1.00537 mg/L	Y 371.029
Ni 221.648	0.996760	mg/L	0.003338	0.3	2257.30	0.996760 mg/L	Y 371.029
Ni 231.604	1.00549	mg/L	0.002770	0.3	3765.19	1.00549 mg/L	Y 371.029
P 177.434	1.00300	mg/L	0.004459	0.4	177.133	1.00300 mg/L	Y 371.029
P 213.618	0.995776	mg/L	0.012411	1.2	762.757	0.995776 mg/L	Y 371.029
P 214.914	0.990378	mg/L	0.030938	3.1	217.874	0.990378 mg/L	Y 371.029
Pb 220.353	1.00600	mg/L	0.003367	0.3	1300.93	1.00600 mg/L	Y 371.029
Pb 261.417	0.785352	mg/L	0.014552	1.9	437.086	0.785352 mg/L	Y 371.029
Pb 405.781	0.986376	mg/L	0.010013	1.0	1400.93	0.986376 mg/L	Y 371.029
Sb 206.834	1.21864	mg/L	0.007010	0.6	761.866	1.21864 mg/L	Y 371.029
Sb 231.146	1.21069	mg/L	0.001455	0.1	598.315	1.21069 mg/L	Y 371.029
Sb 259.804	0.938111	mg/L	0.031306	3.3	418.314	0.938111 mg/L	Y 371.029
Se 196.026	1.02492	mg/L	0.015933	1.6	333.376	1.02492 mg/L	Y 371.029
Se 203.985	1.05080	mg/L	0.034418	3.3	207.544	1.05080 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.006026	0.6	1521.95	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.005357	0.5	1677.14	uncal mg/L	Y 371.029
Si 288.158	1.01206	mg/L	0.009262	0.9	9164.40	1.01206 mg/L	Y 371.029
Sn 189.927	1.00103	mg/L	0.009231	0.9	336.053	1.00103 mg/L	Y 371.029
Sn 283.998	1.08697	mg/L	0.009889	0.9	2673.92	1.08697 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 216.596	1.04429	mg/L	0.003986	0.4	9532.71	1.04429 mg/L	Y 371.029
Sr 407.771	1.03784	mg/L	0.005643	0.5	2563359	1.03784 mg/L	Y 371.029
Sr 421.552	1.02965	mg/L	0.001572	0.2	1678758	1.02965 mg/L	Y 371.029
Ti 334.941	0.997969	mg/L	0.004154	0.4	217134	0.997969 mg/L	Y 371.029
Ti 336.122	0.998524	mg/L	0.003400	0.3	92172.5	0.998524 mg/L	Y 371.029
Ti 337.280	1.01691	mg/L	0.001270	0.1	31920.1	1.01691 mg/L	Y 371.029
Tl 190.794	1.00779	mg/L	0.009656	1.0	403.070	1.00779 mg/L	Y 371.029
Tl 190.807	1.03863	mg/L	0.016325	1.6	201.192	1.03863 mg/L	Y 371.029
Tl 351.923	1.00072	mg/L	0.002384	0.2	1625.06	1.00072 mg/L	Y 371.029
V 268.796	1.06679	mg/L	0.002332	0.2	9855.95	1.06679 mg/L	Y 371.029
V 292.401	1.00840	mg/L	0.001551	0.2	32517.9	1.00840 mg/L	Y 371.029
V 311.837	1.00678	mg/L	0.002817	0.3	44424.8	1.00678 mg/L	Y 371.029
Zn 202.548	1.00749	mg/L	0.004259	0.4	11390.6	1.00749 mg/L	Y 371.029
Zn 206.200	1.00361	mg/L	0.005258	0.5	3592.66	1.00361 mg/L	Y 371.029
Zn 213.857	1.01042	mg/L	0.015213	1.5	19140.2	1.01042 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.16858	9370.55	36.591	0.4
Y 371.029	0.893891	147409	482.037	0.3

SEQ-ICB1 (Samp) **4/1/2011, 12:47:31 PM** **Rack 1, Tube 3**

M_200.7_T_WW **ICB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000989	mg/L	0.000572	57.8	715.240	0.000989 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001211	24.7	1.31282	uncal mg/L	Y 371.029
Al 237.312	-0.000662uv	mg/L	0.003333	503.3	59.5806	-0.000662 mg/L	Y 371.029
Al 257.509	0.001176uv	mg/L	0.007937	675.1	17.5442	0.001176 mg/L	Y 371.029
Al 308.215	-0.006928uv	mg/L	0.000544	7.9	1116.15	-0.006928 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.002757	31.4	10.5366	uncal mg/L	Y 371.029
As 193.696	0.001643uv	mg/L	0.003801	231.3	9.10935	0.001643 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004270	10.4	13.8580	uncal mg/L	Y 371.029
B 182.577	0.000879	mg/L	0.001109	126.1	4.29158	0.000879 mg/L	Y 371.029
B 249.678	0.002818	mg/L	0.000436	15.5	56.3807	0.002818 mg/L	Y 371.029
B 249.772	0.002265	mg/L	0.000123	5.4	111.921	0.002265 mg/L	Y 371.029
Ba 233.527	0.000202	mg/L	0.000127	62.8	205.739	0.000202 mg/L	Y 371.029
Ba 455.403	-0.000079uv	mg/L	0.000028	35.5	3952.01	-0.000079 mg/L	Y 371.029
Ba 493.408	-0.000051uv	mg/L	0.000028	55.1	2531.16	-0.000051 mg/L	Y 371.029
Be 234.861	0.000004uv	mg/L	0.000012	293.9	-0.345866	0.000004 mg/L	Y 371.029
Be 313.042	-0.000069uv	mg/L	0.000008	11.0	719.081	-0.000069 mg/L	Y 371.029
Be 313.107	0.000011	mg/L	0.000009	79.8	88.9682	0.000011 mg/L	Y 371.029
Ca 393.366	-0.000012nuv	mg/L	0.000046	391.5	16178.4	-0.000012 mg/L	Y 371.029
Ca 396.847	-0.000115uv	mg/L	0.000022	19.1	24757.7	-0.000115 mg/L	Y 371.029
Ca 430.253	-0.011954uv	mg/L	0.001799	15.0	1232.02	-0.011954 mg/L	Y 371.029
Cd 214.439	0.000121	mg/L	0.000079	65.3	4.30404	0.000121 mg/L	Y 371.029
Cd 226.502	-0.000071uv	mg/L	0.000137	193.6	21.5198	-0.000071 mg/L	Y 371.029
Cd 228.802	0.000242uv	mg/L	0.000230	95.0	28.5823	0.000242 mg/L	Y 371.029
Co 228.615	0.000604	mg/L	0.000598	99.0	13.6449	0.000604 mg/L	Y 371.029
Co 230.786	0.000417uv	mg/L	0.001203	288.7	12.7732	0.000417 mg/L	Y 371.029
Co 238.892	0.000558	mg/L	0.000267	47.8	7.19559	0.000558 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 205.560	0.000414	mg/L	0.000145	34.9	6.61096	0.000414 mg/L	Y 371.029
Cr 206.158	0.000839	mg/L	0.000318	37.9	4.61997	0.000839 mg/L	Y 371.029
Cr 267.716	0.000476	mg/L	0.000100	21.0	35.0915	0.000476 mg/L	Y 371.029
Cu 213.598	0.000558	mg/L	0.000319	57.3	2.99875	0.000558 mg/L	Y 371.029
Cu 324.754	-0.000852uv	mg/L	0.000285	33.5	577.194	-0.000852 mg/L	Y 371.029
Cu 327.395	-0.000329uv	mg/L	0.000081	24.7	20.0240	-0.000329 mg/L	Y 371.029
Fe 234.350	0.001219	mg/L	0.000537	44.1	23.5829	0.001219 mg/L	Y 371.029
Fe 238.204	0.000588	mg/L	0.000333	56.6	39.0306	0.000588 mg/L	Y 371.029
Fe 259.940	0.000887	mg/L	0.000122	13.8	62.4618	0.000887 mg/L	Y 371.029
Ga 287.423	0.001914	mg/L	0.001837	95.9	13.6975	0.001914 mg/L	Y 371.029
Ga 294.363	0.001724	mg/L	0.001538	89.2	22.0693	0.001724 mg/L	Y 371.029
Ga 417.204	0.001053uv	mg/L	0.001198	113.8	75.9780	0.001053 mg/L	Y 371.029
K 766.491	-0.000292uv	mg/L	0.000125	42.8	2230.61	-0.000292 mg/L	Y 371.029
K 769.897	-0.001637uv	mg/L	0.000122	7.4	12368.1	-0.001637 mg/L	Y 371.029
Li 610.365	0.011866	mg/L	0.000112	0.9	8.17624	0.011866 mg/L	Y 371.029
Li 670.783	-0.001103uv	mg/L	0.000052	4.7	69425.1	-0.001103 mg/L	Y 371.029
Mg 279.078	0.001777	mg/L	0.000837	47.1	20.7839	0.001777 mg/L	Y 371.029
Mg 280.270	-0.000315uv	mg/L	0.000012	3.9	326.503	-0.000315 mg/L	Y 371.029
Mg 285.213	0.000437	mg/L	0.000059	13.6	89.5540	0.000437 mg/L	Y 371.029
Mn 257.610	-0.000044uv	mg/L	0.000004	8.3	0.232534	-0.000044 mg/L	Y 371.029
Mn 259.372	-0.000187uv	mg/L	0.000087	46.4	44.5345	-0.000187 mg/L	Y 371.029
Mn 260.568	-0.000056uv	mg/L	0.000071	127.8	5.34581	-0.000056 mg/L	Y 371.029
Mo 202.032	0.014178	mg/L	0.004864	34.3	103.959	0.014178 mg/L	Y 371.029
Mo 203.846	0.014731	mg/L	0.004182	28.4	39.0474	0.014731 mg/L	Y 371.029
Mo 204.598	0.016111	mg/L	0.004189	26.0	41.1099	0.016111 mg/L	Y 371.029
Na 568.821	0.416104	mg/L	0.083329	20.0	230.272	0.416104 mg/L	Y 371.029
Na 588.995	-0.208929uv	mg/L	0.000529	0.3	212296	-0.208929 mg/L	Y 371.029
Na 589.592	-0.061745uv	mg/L	0.000539	0.9	74409.4	-0.061745 mg/L	Y 371.029
Ni 216.555	-0.000102uv	mg/L	0.000308	300.6	3.68634	-0.000102 mg/L	Y 371.029
Ni 221.648	-0.000081uv	mg/L	0.000561	693.1	2.85062	-0.000081 mg/L	Y 371.029
Ni 231.604	-0.000711uv	mg/L	0.000138	19.5	6.82658	-0.000711 mg/L	Y 371.029
P 177.434	-0.001007uv	mg/L	0.005561	552.2	1.58024	-0.001007 mg/L	Y 371.029
P 213.618	0.004501	mg/L	0.001263	28.1	3.44013	0.004501 mg/L	Y 371.029
P 214.914	0.004491	mg/L	0.007165	159.5	4.06701	0.004491 mg/L	Y 371.029
Pb 220.353	0.000759uv	mg/L	0.001248	164.6	5.90925	0.000759 mg/L	Y 371.029
Pb 261.417	0.017471	mg/L	0.006224	35.6	28.4201	0.017471 mg/L	Y 371.029
Pb 405.781	-0.007451uv	mg/L	0.006964	93.5	28.5378	-0.007451 mg/L	Y 371.029
Sb 206.834	0.021118	mg/L	0.002640	12.5	21.5013	0.021118 mg/L	Y 371.029
Sb 231.146	0.026546	mg/L	0.009100	34.3	15.7135	0.026546 mg/L	Y 371.029
Sb 259.804	0.031614	mg/L	0.008077	25.5	18.9421	0.031614 mg/L	Y 371.029
Se 196.026	-0.002928uv	mg/L	0.004732	161.6	7.82838	-0.002928 mg/L	Y 371.029
Se 203.985	0.010295uv	mg/L	0.011627	112.9	5.41772	0.010295 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.001631	9.7	136.275	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.001029	78.2	144.292	uncal mg/L	Y 371.029
Si 288.158	0.024693	mg/L	0.000802	3.2	1525.52	0.024693 mg/L	Y 371.029
Sn 189.927	0.001214uv	mg/L	0.002575	212.1	3.06225	0.001214 mg/L	Y 371.029
Sn 283.998	0.001686uv	mg/L	0.006524	387.0	24.6783	0.001686 mg/L	Y 371.029
Sr 216.596	0.000164uv	mg/L	0.000303	184.3	19.5362	0.000164 mg/L	Y 371.029
Sr 407.771	-0.000039uv	mg/L	0.000004	9.6	5265.98	-0.000039 mg/L	Y 371.029
Sr 421.552	-0.000017uv	mg/L	0.000002	14.7	3176.58	-0.000017 mg/L	Y 371.029
Ti 334.941	0.001582	mg/L	0.000661	41.8	430.191	0.001582 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ti 336.122	0.001535	mg/L	0.000920	59.9	184.333	0.001535 mg/L	Y 371.029
Ti 337.280	0.001598	mg/L	0.000285	17.8	46.5080	0.001598 mg/L	Y 371.029
Tl 190.794	0.004554uv	mg/L	0.006381	140.1	3.39987	0.004554 mg/L	Y 371.029
Tl 190.807	0.003587	mg/L	0.001798	50.1	1.32495	0.003587 mg/L	Y 371.029
Tl 351.923	0.003142uv	mg/L	0.005100	162.3	16.3258	0.003142 mg/L	Y 371.029
V 268.796	-0.003156uv	mg/L	0.000820	26.0	61.3790	-0.003156 mg/L	Y 371.029
V 292.401	0.000005uv	mg/L	0.000116	2497.0	36.0764	0.000005 mg/L	Y 371.029
V 311.837	0.000560	mg/L	0.000022	3.9	12.5965	0.000560 mg/L	Y 371.029
Zn 202.548	-0.000361uv	mg/L	0.000110	30.5	725.044	-0.000361 mg/L	Y 371.029
Zn 206.200	0.000257uv	mg/L	0.000323	125.7	230.555	0.000257 mg/L	Y 371.029
Zn 213.857	-0.000760uv	mg/L	0.000233	30.7	1209.83	-0.000760 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17651	9434.19	37.432	0.4
Y 371.029	0.901521	148667	782.292	0.5

SEQ-LCV1 (Samp) **4/1/2011, 12:50:29 PM** **Rack 1, Tube 4**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.004518	mg/L	0.000075	1.7	896.419	0.004518 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003160	39.2	10.1973	uncal mg/L	Y 371.029
Al 237.312	0.098561	mg/L	0.002559	2.6	187.627	0.098561 mg/L	Y 371.029
Al 257.509	0.101836	mg/L	0.004230	4.2	77.1360	0.101836 mg/L	Y 371.029
Al 308.215	0.094894	mg/L	0.001517	1.6	1745.13	0.094894 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.003358	32.2	17.8844	uncal mg/L	Y 371.029
As 193.696	0.017461	mg/L	0.004360	25.0	16.4047	0.017461 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004747	28.4	53.1001	uncal mg/L	Y 371.029
B 182.577	0.021335	mg/L	0.001117	5.2	14.8503	0.021335 mg/L	Y 371.029
B 249.678	0.022155	mg/L	0.000885	4.0	248.859	0.022155 mg/L	Y 371.029
B 249.772	0.021819	mg/L	0.000538	2.5	489.996	0.021819 mg/L	Y 371.029
Ba 233.527	0.019972	mg/L	0.000109	0.5	1049.05	0.019972 mg/L	Y 371.029
Ba 455.403	0.020141	mg/L	0.000039	0.2	21838.8	0.020141 mg/L	Y 371.029
Ba 493.408	0.020010	mg/L	0.000057	0.3	13653.9	0.020010 mg/L	Y 371.029
Be 234.861	0.019832	mg/L	0.000029	0.1	2368.38	0.019832 mg/L	Y 371.029
Be 313.042	0.019929	mg/L	0.000110	0.6	35267.2	0.019929 mg/L	Y 371.029
Be 313.107	0.020063	mg/L	0.000113	0.6	17045.8	0.020063 mg/L	Y 371.029
Ca 393.366	0.204683n	mg/L	0.000310	0.2	283198	0.204683 mg/L	Y 371.029
Ca 396.847	0.199832	mg/L	0.000258	0.1	435941	0.199832 mg/L	Y 371.029
Ca 430.253	0.240171	mg/L	0.002468	1.0	2374.44	0.240171 mg/L	Y 371.029
Cd 214.439	0.009636	mg/L	0.000057	0.6	210.676	0.009636 mg/L	Y 371.029
Cd 226.502	0.009988	mg/L	0.000023	0.2	436.566	0.009988 mg/L	Y 371.029
Cd 228.802	0.009955	mg/L	0.000227	2.3	176.961	0.009955 mg/L	Y 371.029
Co 228.615	0.020182	mg/L	0.000670	3.3	202.218	0.020182 mg/L	Y 371.029
Co 230.786	0.020199	mg/L	0.000588	2.9	143.252	0.020199 mg/L	Y 371.029
Co 238.892	0.020132	mg/L	0.000464	2.3	128.351	0.020132 mg/L	Y 371.029
Cr 205.560	0.020129	mg/L	0.000190	0.9	91.4200	0.020129 mg/L	Y 371.029
Cr 206.158	0.020827	mg/L	0.000604	2.9	39.9857	0.020827 mg/L	Y 371.029
Cr 267.716	0.020568	mg/L	0.000136	0.7	496.100	0.020568 mg/L	Y 371.029
Cu 213.598	0.019414	mg/L	0.000877	4.5	87.0774	0.019414 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cu 324.754	0.018734	mg/L	0.000171	0.9	1219.17	0.018734 mg/L	Y 371.029
Cu 327.395	0.019532	mg/L	0.000206	1.1	879.487	0.019532 mg/L	Y 371.029
Fe 234.350	0.019946	mg/L	0.000362	1.8	212.325	0.019946 mg/L	Y 371.029
Fe 238.204	0.019824	mg/L	0.000465	2.3	436.455	0.019824 mg/L	Y 371.029
Fe 259.940	0.020061	mg/L	0.000699	3.5	379.975	0.020061 mg/L	Y 371.029
Ga 287.423	0.021401	mg/L	0.001951	9.1	60.5357	0.021401 mg/L	Y 371.029
Ga 294.363	0.018291	mg/L	0.001364	7.5	130.147	0.018291 mg/L	Y 371.029
Ga 417.204	0.022020	mg/L	0.001522	6.9	284.191	0.022020 mg/L	Y 371.029
K 766.491	0.199372	mg/L	0.000129	0.1	17787.7	0.199372 mg/L	Y 371.029
K 769.897	0.196597	mg/L	0.001602	0.8	24123.7	0.196597 mg/L	Y 371.029
Li 610.365	0.025304	mg/L	0.000265	1.0	712.513	0.025304 mg/L	Y 371.029
Li 670.783	0.041896	mg/L	0.000092	0.2	240922	0.041896 mg/L	Y 371.029
Mg 279.078	0.196995	mg/L	0.002576	1.3	381.252	0.196995 mg/L	Y 371.029
Mg 280.270	0.208191	mg/L	0.000985	0.5	22144.6	0.208191 mg/L	Y 371.029
Mg 285.213	0.196597	mg/L	0.001004	0.5	7387.15	0.196597 mg/L	Y 371.029
Mn 257.610	0.020000	mg/L	0.000051	0.3	3157.27	0.020000 mg/L	Y 371.029
Mn 259.372	0.019967	mg/L	0.000181	0.9	2408.84	0.019967 mg/L	Y 371.029
Mn 260.568	0.019764	mg/L	0.000381	1.9	407.650	0.019764 mg/L	Y 371.029
Mo 202.032	0.045149	mg/L	0.003047	6.7	224.742	0.045149 mg/L	Y 371.029
Mo 203.846	0.046614	mg/L	0.003649	7.8	91.6553	0.046614 mg/L	Y 371.029
Mo 204.598	0.045901	mg/L	0.003528	7.7	98.7025	0.045901 mg/L	Y 371.029
Na 568.821	0.624390	mg/L	0.100709	16.1	288.390	0.624390 mg/L	Y 371.029
Na 588.995	0.031812	mg/L	0.000485	1.5	358834	0.031812 mg/L	Y 371.029
Na 589.592	0.144947	mg/L	0.000365	0.3	144013	0.144947 mg/L	Y 371.029
Ni 216.555	0.039457	mg/L	0.000496	1.3	231.780	0.039457 mg/L	Y 371.029
Ni 221.648	0.039534	mg/L	0.000994	2.5	92.0355	0.039534 mg/L	Y 371.029
Ni 231.604	0.039419	mg/L	0.000407	1.0	156.006	0.039419 mg/L	Y 371.029
P 177.434	0.023589	mg/L	0.002452	10.4	5.87414	0.023589 mg/L	Y 371.029
P 213.618	0.017652	mg/L	0.002974	16.8	13.6833	0.017652 mg/L	Y 371.029
P 214.914	0.021113	mg/L	0.005383	25.5	7.71046	0.021113 mg/L	Y 371.029
Pb 220.353	0.039960	mg/L	0.000801	2.0	56.4012	0.039960 mg/L	Y 371.029
Pb 261.417	0.042630	mg/L	0.005182	12.2	41.8525	0.042630 mg/L	Y 371.029
Pb 405.781	0.040174	mg/L	0.017401	43.3	93.8740	0.040174 mg/L	Y 371.029
Sb 206.834	0.060231	mg/L	0.001451	2.4	45.5931	0.060231 mg/L	Y 371.029
Sb 231.146	0.064773	mg/L	0.006127	9.5	34.4298	0.064773 mg/L	Y 371.029
Sb 259.804	0.050290	mg/L	0.018388	36.6	27.0221	0.050290 mg/L	Y 371.029
Se 196.026	0.038714	mg/L	0.004059	10.5	21.0043	0.038714 mg/L	Y 371.029
Se 203.985	0.042723	mg/L	0.007853	18.4	11.4876	0.042723 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.003830	15.4	147.601	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.001646	24.3	156.312	uncal mg/L	Y 371.029
Si 288.158	0.031109	mg/L	0.001977	6.4	1575.42	0.031109 mg/L	Y 371.029
Sn 189.927	0.037559	mg/L	0.003090	8.2	15.1604	0.037559 mg/L	Y 371.029
Sn 283.998	0.045280	mg/L	0.001992	4.4	107.993	0.045280 mg/L	Y 371.029
Sr 216.596	0.020057	mg/L	0.000365	1.8	200.595	0.020057 mg/L	Y 371.029
Sr 407.771	0.020334	mg/L	0.000152	0.7	55480.3	0.020334 mg/L	Y 371.029
Sr 421.552	0.020017	mg/L	0.000167	0.8	35777.6	0.020017 mg/L	Y 371.029
Ti 334.941	0.021100	mg/L	0.000419	2.0	4674.17	0.021100 mg/L	Y 371.029
Ti 336.122	0.021509	mg/L	0.000592	2.8	2026.89	0.021509 mg/L	Y 371.029
Ti 337.280	0.020551	mg/L	0.000315	1.5	641.487	0.020551 mg/L	Y 371.029
Tl 190.794	0.016659	mg/L	0.001306	7.8	8.23444	0.016659 mg/L	Y 371.029
Tl 190.807	0.020649	mg/L	0.006683	32.4	4.64825	0.020649 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 351.923	0.027893	mg/L	0.011862	42.5	56.2363	0.027893 mg/L	Y 371.029
V 268.796	0.019039	mg/L	0.000105	0.6	276.509	0.019039 mg/L	Y 371.029
V 292.401	0.019881	mg/L	0.000274	1.4	675.775	0.019881 mg/L	Y 371.029
V 311.837	0.019087	mg/L	0.000383	2.0	829.925	0.019087 mg/L	Y 371.029
Zn 202.548	0.019779	mg/L	0.001128	5.7	938.079	0.019779 mg/L	Y 371.029
Zn 206.200	0.020379	mg/L	0.000493	2.4	297.997	0.020379 mg/L	Y 371.029
Zn 213.857	0.019996	mg/L	0.000850	4.3	1579.83	0.019996 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.16394	9333.38	36.811	0.4
Y 371.029	0.891892	147079	557.084	0.4

SEQ-HCV1 (Samp) **4/1/2011, 12:54:16 PM** **Rack 1, Tube 5**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.664197b	mg/L	0.001459	0.2	34784.7	0.664197 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.004123	0.5	2136.32	uncal mg/L	Y 371.029
Al 237.312	51.9639b	mg/L	0.136358	0.3	67121.5	51.9639 mg/L	Y 371.029
Al 257.509	51.8589b	mg/L	0.132078	0.3	30712.0	51.8589 mg/L	Y 371.029
Al 308.215	50.3302b	mg/L	0.146576	0.3	312497	50.3302 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.007816	0.1	4075.30	uncal mg/L	Y 371.029
As 193.696	10.4606b	mg/L	0.009581	0.1	4833.58	10.4606 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.026686	0.1	17178.0	uncal mg/L	Y 371.029
B 182.577	10.2793b	mg/L	0.025976	0.3	5309.28	10.2793 mg/L	Y 371.029
B 249.678	10.0845b	mg/L	0.019686	0.2	100391	10.0845 mg/L	Y 371.029
B 249.772	10.2496b	mg/L	0.010882	0.1	198226	10.2496 mg/L	Y 371.029
Ba 233.527	10.1301b	mg/L	0.018580	0.2	432329	10.1301 mg/L	Y 371.029
Ba 455.403	9.39715b	mg/L	0.023630	0.3	8317301	9.39715 mg/L	Y 371.029
Ba 493.408	9.73479b	mg/L	0.180059	1.8	5400146	9.73479 mg/L	Y 371.029
Be 234.861	10.3559b	mg/L	0.029677	0.3	1237138	10.3559 mg/L	Y 371.029
Be 313.042	9.59139b	mg/L	0.048985	0.5	16569651	9.59139 mg/L	Y 371.029
Be 313.107	9.74151b	mg/L	0.049863	0.5	8238017	9.74151 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.286719	0.9	43279356	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.180365	0.9	43666516	- mg/L	Y 371.029
Ca 430.253	100.534b	mg/L	0.263067	0.3	457162	100.534 mg/L	Y 371.029
Cd 214.439	4.95365b	mg/L	0.061583	1.2	107438	4.95365 mg/L	Y 371.029
Cd 226.502	4.99242b	mg/L	0.002787	0.1	206015	4.99242 mg/L	Y 371.029
Cd 228.802	5.17387b	mg/L	0.009131	0.2	79062.7	5.17387 mg/L	Y 371.029
Co 228.615	10.1066b	mg/L	0.051320	0.5	97305.6	10.1066 mg/L	Y 371.029
Co 230.786	10.1761b	mg/L	0.009854	0.1	67104.1	10.1761 mg/L	Y 371.029
Co 238.892	10.0953b	mg/L	0.025112	0.2	62490.9	10.0953 mg/L	Y 371.029
Cr 205.560	10.1490b	mg/L	0.074123	0.7	43668.1	10.1490 mg/L	Y 371.029
Cr 206.158	10.1292b	mg/L	0.012020	0.1	17924.9	10.1292 mg/L	Y 371.029
Cr 267.716	10.0714b	mg/L	0.020377	0.2	231118	10.0714 mg/L	Y 371.029
Cu 213.598	9.95744b	mg/L	0.016813	0.2	44461.9	9.95744 mg/L	Y 371.029
Cu 324.754	10.3038b	mg/L	0.016113	0.2	338394	10.3038 mg/L	Y 371.029
Cu 327.395	10.2631b	mg/L	0.025454	0.2	444157	10.2631 mg/L	Y 371.029
Fe 234.350	9.91608b	mg/L	0.020322	0.2	99746.7	9.91608 mg/L	Y 371.029
Fe 238.204	9.99041b	mg/L	0.046464	0.5	206474	9.99041 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 259.940	9.95793b	mg/L	0.012092	0.1	164966	9.95793 mg/L	Y 371.029
Ga 287.423	10.3813b	mg/L	0.018273	0.2	24972.3	10.3813 mg/L	Y 371.029
Ga 294.363	10.3830b	mg/L	0.018678	0.2	67705.1	10.3830 mg/L	Y 371.029
Ga 417.204	10.0291b	mg/L	0.003740	0.0	100369	10.0291 mg/L	Y 371.029
K 766.491	78.3622b	mg/L	0.485772	0.6	6109132	78.3622 mg/L	Y 371.029
K 769.897	94.3894b	mg/L	0.871391	0.9	5610796	94.3894 mg/L	Y 371.029
Li 610.365	22.3043b	mg/L	0.037059	0.2	1168471	22.3043 mg/L	Y 371.029
Li 670.783	-ob	mg/L	0.105808	1.1	38987396	- mg/L	Y 371.029
Mg 279.078	102.534b	mg/L	0.193179	0.2	189341	102.534 mg/L	Y 371.029
Mg 280.270	74.3633b	mg/L	0.194388	0.3	7782597	74.3633 mg/L	Y 371.029
Mg 285.213	96.5555b	mg/L	0.374860	0.4	3592159	96.5555 mg/L	Y 371.029
Mn 257.610	9.81752b	mg/L	0.074255	0.8	1547653	9.81752 mg/L	Y 371.029
Mn 259.372	9.86669b	mg/L	0.086679	0.9	1162090	9.86669 mg/L	Y 371.029
Mn 260.568	10.0898b	mg/L	0.024248	0.2	204845	10.0898 mg/L	Y 371.029
Mo 202.032	21.9852b	mg/L	0.209161	1.0	85621.4	21.9852 mg/L	Y 371.029
Mo 203.846	21.8568b	mg/L	0.136171	0.6	36014.6	21.8568 mg/L	Y 371.029
Mo 204.598	21.7104b	mg/L	0.155421	0.7	41889.0	21.7104 mg/L	Y 371.029
Na 568.821	102.290b	mg/L	0.355467	0.3	28690.2	102.290 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.987511	1.8	34110100	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.882362	1.0	29028962	- mg/L	Y 371.029
Ni 216.555	19.7875b	mg/L	0.005525	0.0	114096	19.7875 mg/L	Y 371.029
Ni 221.648	19.8386b	mg/L	0.029917	0.2	44667.9	19.8386 mg/L	Y 371.029
Ni 231.604	20.1338b	mg/L	0.018010	0.1	74860.5	20.1338 mg/L	Y 371.029
P 177.434	10.4310b	mg/L	0.010709	0.1	1824.04	10.4310 mg/L	Y 371.029
P 213.618	10.2405b	mg/L	0.041591	0.4	7837.78	10.2405 mg/L	Y 371.029
P 214.914	10.0284b	mg/L	0.025952	0.3	2191.00	10.0284 mg/L	Y 371.029
Pb 220.353	19.9770b	mg/L	0.019492	0.1	25735.6	19.9770 mg/L	Y 371.029
Pb 261.417	20.6134b	mg/L	0.071320	0.3	11027.4	20.6134 mg/L	Y 371.029
Pb 405.781	20.6638b	mg/L	0.070390	0.3	28433.0	20.6638 mg/L	Y 371.029
Sb 206.834	23.0014b	mg/L	0.229888	1.0	14165.6	23.0014 mg/L	Y 371.029
Sb 231.146	22.1972b	mg/L	0.215520	1.0	10868.2	22.1972 mg/L	Y 371.029
Sb 259.804	21.3112b	mg/L	0.180275	0.8	9180.80	21.3112 mg/L	Y 371.029
Se 196.026	22.1873b	mg/L	0.087334	0.4	7028.71	22.1873 mg/L	Y 371.029
Se 203.985	22.7930b	mg/L	0.060099	0.3	4191.98	22.7930 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.398844	2.0	27725.8	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.449180	2.0	31123.8	uncal mg/L	Y 371.029
Si 288.158	20.1764b	mg/L	0.407850	2.0	156958	20.1764 mg/L	Y 371.029
Sn 189.927	20.3023b	mg/L	0.016831	0.1	6760.62	20.3023 mg/L	Y 371.029
Sn 283.998	21.6445b	mg/L	0.061989	0.3	41628.5	21.6445 mg/L	Y 371.029
Sr 216.596	9.95938b	mg/L	0.002833	0.0	90664.6	9.95938 mg/L	Y 371.029
Sr 407.771	9.02920b	mg/L	0.102788	1.1	22261034	9.02920 mg/L	Y 371.029
Sr 421.552	9.29015b	mg/L	0.069986	0.8	15121548	9.29015 mg/L	Y 371.029
Ti 334.941	10.0312b	mg/L	0.021387	0.2	2181253	10.0312 mg/L	Y 371.029
Ti 336.122	10.0826b	mg/L	0.016513	0.2	930221	10.0826 mg/L	Y 371.029
Ti 337.280	10.2916b	mg/L	0.021064	0.2	323055	10.2916 mg/L	Y 371.029
Tl 190.794	10.0680b	mg/L	0.021447	0.2	4010.81	10.0680 mg/L	Y 371.029
Tl 190.807	10.3914b	mg/L	0.028245	0.3	2031.87	10.3914 mg/L	Y 371.029
Tl 351.923	10.5141b	mg/L	0.018277	0.2	16970.8	10.5141 mg/L	Y 371.029
V 268.796	11.1107b	mg/L	0.057176	0.5	114477	11.1107 mg/L	Y 371.029
V 292.401	10.1876b	mg/L	0.043471	0.4	327915	10.1876 mg/L	Y 371.029
V 311.837	10.3741b	mg/L	0.009261	0.1	457598	10.3741 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 202.548	9.71725b	mg/L	0.029520	0.3	103668	9.71725 mg/L	Y 371.029
Zn 206.200	9.85661b	mg/L	0.020040	0.2	33284.5	9.85661 mg/L	Y 371.029
Zn 213.857	10.2370b	mg/L	0.119112	1.2	183823	10.2370 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11500	8940.91	16.563	0.2
Y 371.029	0.869176	143333	114.125	0.1

SEQ-IFA1 (Samp) **4/1/2011, 12:58:29 PM** **Rack 1, Tube 6**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000950uvb	mg/L	0.000367	38.6	555.898	-0.000950 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002273	2.4	135.316	uncal mg/L	Y 371.029
Al 237.312	94.7259b	mg/L	0.368206	0.4	122173	94.7259 mg/L	Y 371.029
Al 257.509	97.1250b	mg/L	0.045001	0.0	57537.1	97.1250 mg/L	Y 371.029
Al 308.215	92.1148b	mg/L	0.093376	0.1	569267	92.1148 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.004995	12.4	16.8066	uncal mg/L	Y 371.029
As 193.696	-0.008712uvb	mg/L	0.005872	67.4	6.80273	-0.008712 mg/L	Y 371.029
As 228.812	uncal	mg/L	1.77602	6.1	24402.7	uncal mg/L	Y 371.029
B 182.577	-0.002103b	mg/L	0.002702	128.5	11.2855	-0.002103 mg/L	Y 371.029
B 249.678	-0.015937b	mg/L	0.003532	22.2	146.008	-0.015937 mg/L	Y 371.029
B 249.772	0.006247b	mg/L	0.004294	68.7	2035.29	0.006247 mg/L	Y 371.029
Ba 233.527	-0.006114b	mg/L	0.000269	4.4	332.647	-0.006114 mg/L	Y 371.029
Ba 455.403	-0.004062b	mg/L	0.000016	0.4	4088.64	-0.004062 mg/L	Y 371.029
Ba 493.408	-0.004289b	mg/L	0.000030	0.7	2964.86	-0.004289 mg/L	Y 371.029
Be 234.861	0.001429uvb	mg/L	0.002793	195.5	-372.543	0.001429 mg/L	Y 371.029
Be 313.042	0.000049b	mg/L	0.000003	6.1	2158.67	0.000049 mg/L	Y 371.029
Be 313.107	0.000192uvb	mg/L	0.000006	3.2	18.7274	0.000192 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.320670	1.0	42429240	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.217032	1.0	42853564	- mg/L	Y 371.029
Ca 430.253	94.5465b	mg/L	0.390434	0.4	430296	94.5465 mg/L	Y 371.029
Cd 214.439	9.18058b	mg/L	0.198851	2.2	199113	9.18058 mg/L	Y 371.029
Cd 226.502	9.25266b	mg/L	0.003641	0.0	381929	9.25266 mg/L	Y 371.029
Cd 228.802	9.29303b	mg/L	0.194401	2.1	141957	9.29303 mg/L	Y 371.029
Co 228.615	-0.006368b	mg/L	0.000788	12.4	152.641	-0.006368 mg/L	Y 371.029
Co 230.786	-0.012462b	mg/L	0.000409	3.3	67.3371	-0.012462 mg/L	Y 371.029
Co 238.892	0.476129b	mg/L	0.002423	0.5	2357.36	0.476129 mg/L	Y 371.029
Cr 205.560	9.23717b	mg/L	0.020897	0.2	39874.2	9.23717 mg/L	Y 371.029
Cr 206.158	9.16704b	mg/L	0.058388	0.6	16280.9	9.16704 mg/L	Y 371.029
Cr 267.716	9.11530b	mg/L	0.005259	0.1	209870	9.11530 mg/L	Y 371.029
Cu 213.598	9.04289b	mg/L	0.010682	0.1	40466.6	9.04289 mg/L	Y 371.029
Cu 324.754	9.32447b	mg/L	0.012801	0.1	306801	9.32447 mg/L	Y 371.029
Cu 327.395	9.27860b	mg/L	0.013525	0.1	402577	9.27860 mg/L	Y 371.029
Fe 234.350	94.7869b	mg/L	1.44177	1.5	899930	94.7869 mg/L	Y 371.029
Fe 238.204	92.4938b	mg/L	0.028610	0.0	1847548	92.4938 mg/L	Y 371.029
Fe 259.940	93.0711b	mg/L	0.868615	0.9	1496901	93.0711 mg/L	Y 371.029
Ga 287.423	-0.366452b	mg/L	0.002674	0.7	1449.74	-0.366452 mg/L	Y 371.029
Ga 294.363	-0.023544b	mg/L	0.000825	3.5	192.146	-0.023544 mg/L	Y 371.029
Ga 417.204	-0.137604b	mg/L	0.002366	1.7	4626.43	-0.137604 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
K 766.491	-0.048099b	mg/L	0.000243	0.5	2649.65	-0.048099 mg/L	Y 371.029
K 769.897	-0.085945b	mg/L	0.001276	1.5	12797.4	-0.085945 mg/L	Y 371.029
Li 610.365	0.014232b	mg/L	0.000084	0.6	132.212	0.014232 mg/L	Y 371.029
Li 670.783	-0.013712uvb	mg/L	0.000017	0.1	67051.1	-0.013712 mg/L	Y 371.029
Mg 279.078	92.4763b	mg/L	0.216152	0.2	170832	92.4763 mg/L	Y 371.029
Mg 280.270	68.8674b	mg/L	0.266479	0.4	7207619	68.8674 mg/L	Y 371.029
Mg 285.213	88.2580b	mg/L	0.403599	0.5	3283492	88.2580 mg/L	Y 371.029
Mn 257.610	8.72630b	mg/L	0.097409	1.1	1395569	8.72630 mg/L	Y 371.029
Mn 259.372	8.85019b	mg/L	0.094564	1.1	1055136	8.85019 mg/L	Y 371.029
Mn 260.568	9.04885b	mg/L	0.049334	0.5	184289	9.04885 mg/L	Y 371.029
Mo 202.032	9.28693b	mg/L	0.111069	1.2	36376.9	9.28693 mg/L	Y 371.029
Mo 203.846	9.11169b	mg/L	0.024936	0.3	15114.1	9.11169 mg/L	Y 371.029
Mo 204.598	9.04914b	mg/L	0.041336	0.5	17573.0	9.04914 mg/L	Y 371.029
Na 568.821	94.8335b	mg/L	0.193922	0.2	26524.6	94.8335 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.16243	2.3	31608224	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	3.56312	4.4	27152142	- mg/L	Y 371.029
Ni 216.555	8.44627b	mg/L	0.007139	0.1	49242.1	8.44627 mg/L	Y 371.029
Ni 221.648	8.48141b	mg/L	0.076076	0.9	19297.2	8.48141 mg/L	Y 371.029
Ni 231.604	8.57861b	mg/L	0.069108	0.8	32232.4	8.57861 mg/L	Y 371.029
P 177.434	-0.026472b	mg/L	0.000702	2.7	6.41912	-0.026472 mg/L	Y 371.029
P 213.618	-0.231703b	mg/L	0.044684	19.3	107.771	-0.231703 mg/L	Y 371.029
P 214.914	-0.333321b	mg/L	0.005488	1.6	62.3667	-0.333321 mg/L	Y 371.029
Pb 220.353	-0.006596uvb	mg/L	0.001190	18.0	2.23430	-0.006596 mg/L	Y 371.029
Pb 261.417	0.058456b	mg/L	0.011720	20.0	28.7649	0.058456 mg/L	Y 371.029
Pb 405.781	-0.111757b	mg/L	0.004495	4.0	68.3706	-0.111757 mg/L	Y 371.029
Sb 206.834	0.089357b	mg/L	0.004978	5.6	137.566	0.089357 mg/L	Y 371.029
Sb 231.146	-0.169999b	mg/L	0.001338	0.8	22.3230	-0.169999 mg/L	Y 371.029
Sb 259.804	-0.427567b	mg/L	0.007896	1.8	25.1530	-0.427567 mg/L	Y 371.029
Se 196.026	0.028590b	mg/L	0.011044	38.6	22.6519	0.028590 mg/L	Y 371.029
Se 203.985	0.223999b	mg/L	0.021237	9.5	219.719	0.223999 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.003335	6.3	282.573	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.002518	1.9	395.090	uncal mg/L	Y 371.029
Si 288.158	0.001728b	mg/L	0.001817	105.2	1809.50	0.001728 mg/L	Y 371.029
Sn 189.927	-0.010482uvb	mg/L	0.003817	36.4	2.85366	-0.010482 mg/L	Y 371.029
Sn 283.998	0.273289b	mg/L	0.026666	9.8	10636.3	0.273289 mg/L	Y 371.029
Sr 216.596	-0.032136uvb	mg/L	0.000234	0.7	-26.4826	-0.032136 mg/L	Y 371.029
Sr 407.771	-0.001447b	mg/L	0.000016	1.1	8547.97	-0.001447 mg/L	Y 371.029
Sr 421.552	-0.001853b	mg/L	0.000011	0.6	5232.14	-0.001853 mg/L	Y 371.029
Ti 334.941	9.05909b	mg/L	0.025074	0.3	1972007	9.05909 mg/L	Y 371.029
Ti 336.122	9.10692b	mg/L	0.030545	0.3	840963	9.10692 mg/L	Y 371.029
Ti 337.280	9.26776b	mg/L	0.022103	0.2	291141	9.26776 mg/L	Y 371.029
Tl 190.794	-0.042417b	mg/L	0.001161	2.7	4.28700	-0.042417 mg/L	Y 371.029
Tl 190.807	0.029938b	mg/L	0.002922	9.8	15.2891	0.029938 mg/L	Y 371.029
Tl 351.923	0.014083b	mg/L	0.002499	17.7	40.3755	0.014083 mg/L	Y 371.029
V 268.796	9.83842b	mg/L	0.059010	0.6	89875.0	9.83842 mg/L	Y 371.029
V 292.401	9.17375b	mg/L	0.018737	0.2	296045	9.17375 mg/L	Y 371.029
V 311.837	9.30749b	mg/L	0.009367	0.1	411385	9.30749 mg/L	Y 371.029
Zn 202.548	8.88574b	mg/L	0.024419	0.3	94891.8	8.88574 mg/L	Y 371.029
Zn 206.200	8.99671b	mg/L	0.058781	0.7	30406.9	8.99671 mg/L	Y 371.029
Zn 213.857	9.39764b	mg/L	0.210273	2.2	167972	9.39764 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14161	9154.34	65.359	0.7
Y 371.029	0.887863	146415	711.043	0.5

SEQ-IFB1 (Samp) **4/1/2011, 1:02:42 PM** **Rack 1, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.095212b	mg/L	0.000261	0.3	5489.40	0.095212 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003956	2.6	296.690	uncal mg/L	Y 371.029
Al 237.312	97.5718b	mg/L	0.025127	0.0	125842	97.5718 mg/L	Y 371.029
Al 257.509	99.9972b	mg/L	0.051019	0.1	59237.5	99.9972 mg/L	Y 371.029
Al 308.215	94.4854b	mg/L	0.089003	0.1	583929	94.4854 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.008245	1.6	204.825	uncal mg/L	Y 371.029
As 193.696	0.443400b	mg/L	0.008071	1.8	215.352	0.443400 mg/L	Y 371.029
As 228.812	uncal	mg/L	1.39746	4.4	26203.0	uncal mg/L	Y 371.029
B 182.577	0.469890b	mg/L	0.005707	1.2	254.927	0.469890 mg/L	Y 371.029
B 249.678	0.464221b	mg/L	0.004500	1.0	4924.67	0.464221 mg/L	Y 371.029
B 249.772	0.473079b	mg/L	0.014667	3.1	11073.3	0.473079 mg/L	Y 371.029
Ba 233.527	0.475511b	mg/L	0.000765	0.2	20879.0	0.475511 mg/L	Y 371.029
Ba 455.403	0.484344b	mg/L	0.000661	0.1	436160	0.484344 mg/L	Y 371.029
Ba 493.408	0.483922b	mg/L	0.000584	0.1	273665	0.483922 mg/L	Y 371.029
Be 234.861	0.464424b	mg/L	0.002381	0.5	54933.3	0.464424 mg/L	Y 371.029
Be 313.042	0.479876b	mg/L	0.000257	0.1	831087	0.479876 mg/L	Y 371.029
Be 313.107	0.482676b	mg/L	0.000500	0.1	408021	0.482676 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.295046	0.9	42609804	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.226633	1.1	42977460	- mg/L	Y 371.029
Ca 430.253	95.6757b	mg/L	0.070812	0.1	435480	95.6757 mg/L	Y 371.029
Cd 214.439	9.28706b	mg/L	0.078275	0.8	201422	9.28706 mg/L	Y 371.029
Cd 226.502	9.51730b	mg/L	0.012795	0.1	392850	9.51730 mg/L	Y 371.029
Cd 228.802	9.64906b	mg/L	0.209095	2.2	147395	9.64906 mg/L	Y 371.029
Co 228.615	0.475427b	mg/L	0.002958	0.6	4793.14	0.475427 mg/L	Y 371.029
Co 230.786	0.469851b	mg/L	0.004470	1.0	3248.78	0.469851 mg/L	Y 371.029
Co 238.892	0.303840b	mg/L	0.002297	0.8	1294.80	0.303840 mg/L	Y 371.029
Cr 205.560	9.63981b	mg/L	0.163769	1.7	41608.4	9.63981 mg/L	Y 371.029
Cr 206.158	9.56917b	mg/L	0.125513	1.3	16993.1	9.56917 mg/L	Y 371.029
Cr 267.716	9.58356b	mg/L	0.017305	0.2	220620	9.58356 mg/L	Y 371.029
Cu 213.598	9.51181b	mg/L	0.219783	2.3	42561.4	9.51181 mg/L	Y 371.029
Cu 324.754	9.83958b	mg/L	0.051900	0.5	323694	9.83958 mg/L	Y 371.029
Cu 327.395	9.79163b	mg/L	0.051523	0.5	424785	9.79163 mg/L	Y 371.029
Fe 234.350	95.8895b	mg/L	0.500775	0.5	910629	95.8895 mg/L	Y 371.029
Fe 238.204	92.8201b	mg/L	0.232594	0.3	1854434	92.8201 mg/L	Y 371.029
Fe 259.940	93.3890b	mg/L	0.535241	0.6	1502272	93.3890 mg/L	Y 371.029
Ga 287.423	0.104717b	mg/L	0.004008	3.8	2597.38	0.104717 mg/L	Y 371.029
Ga 294.363	0.447811b	mg/L	0.002340	0.5	3265.75	0.447811 mg/L	Y 371.029
Ga 417.204	0.349561b	mg/L	0.001142	0.3	9496.40	0.349561 mg/L	Y 371.029
K 766.491	5.26818b	mg/L	0.009686	0.2	416860	5.26818 mg/L	Y 371.029
K 769.897	5.25103b	mg/L	0.008123	0.2	329269	5.25103 mg/L	Y 371.029
Li 610.365	0.931582b	mg/L	0.001276	0.1	48215.3	0.931582 mg/L	Y 371.029
Li 670.783	0.920555b	mg/L	0.001246	0.1	3793652	0.920555 mg/L	Y 371.029
Mg 279.078	97.6814b	mg/L	0.267114	0.3	180444	97.6814 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	71.5584b	mg/L	0.286770	0.4	7489272	71.5584 mg/L	Y 371.029
Mg 285.213	92.3626b	mg/L	0.423069	0.5	3436195	92.3626 mg/L	Y 371.029
Mn 257.610	9.16961b	mg/L	0.036974	0.4	1465655	9.16961 mg/L	Y 371.029
Mn 259.372	9.29896b	mg/L	0.053276	0.6	1108139	9.29896 mg/L	Y 371.029
Mn 260.568	9.50944b	mg/L	0.055234	0.6	193649	9.50944 mg/L	Y 371.029
Mo 202.032	10.2855b	mg/L	0.064635	0.6	40265.7	10.2855 mg/L	Y 371.029
Mo 203.846	10.0829b	mg/L	0.214212	2.1	16714.9	10.0829 mg/L	Y 371.029
Mo 204.598	10.0185b	mg/L	0.236735	2.4	19444.2	10.0185 mg/L	Y 371.029
Na 568.821	100.075b	mg/L	0.173257	0.2	27986.9	100.075 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.76958	3.3	33444480	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.62844	3.1	28315800	- mg/L	Y 371.029
Ni 216.555	9.41608b	mg/L	0.009923	0.1	54837.5	9.41608 mg/L	Y 371.029
Ni 221.648	9.37812b	mg/L	0.083421	0.9	21317.5	9.37812 mg/L	Y 371.029
Ni 231.604	9.49600b	mg/L	0.117047	1.2	35645.3	9.49600 mg/L	Y 371.029
P 177.434	0.461405b	mg/L	0.010300	2.2	91.6588	0.461405 mg/L	Y 371.029
P 213.618	0.192062b	mg/L	0.010097	5.3	433.936	0.192062 mg/L	Y 371.029
P 214.914	0.144254b	mg/L	0.029286	20.3	166.456	0.144254 mg/L	Y 371.029
Pb 220.353	0.936312b	mg/L	0.004930	0.5	1216.62	0.936312 mg/L	Y 371.029
Pb 261.417	0.423258b	mg/L	0.020231	4.8	223.107	0.423258 mg/L	Y 371.029
Pb 405.781	0.817349b	mg/L	0.014089	1.7	1345.54	0.817349 mg/L	Y 371.029
Sb 206.834	1.12174b	mg/L	0.005413	0.5	773.063	1.12174 mg/L	Y 371.029
Sb 231.146	0.735889b	mg/L	0.008489	1.2	466.635	0.735889 mg/L	Y 371.029
Sb 259.804	-0.367849b	mg/L	0.060694	16.5	53.4812	-0.367849 mg/L	Y 371.029
Se 196.026	0.966444b	mg/L	0.026654	2.8	319.415	0.966444 mg/L	Y 371.029
Se 203.985	1.15234b	mg/L	0.031400	2.7	389.950	1.15234 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.013163	1.5	1573.60	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.021172	2.3	1835.84	uncal mg/L	Y 371.029
Si 288.158	0.938468b	mg/L	0.013636	1.5	9039.44	0.938468 mg/L	Y 371.029
Sn 189.927	0.941445b	mg/L	0.002809	0.3	319.730	0.941445 mg/L	Y 371.029
Sn 283.998	1.44366b	mg/L	0.030124	2.1	12725.4	1.44366 mg/L	Y 371.029
Sr 216.596	0.433517b	mg/L	0.001012	0.2	4213.31	0.433517 mg/L	Y 371.029
Sr 407.771	0.479067b	mg/L	0.001696	0.4	1192921	0.479067 mg/L	Y 371.029
Sr 421.552	0.470854b	mg/L	0.001178	0.3	774488	0.470854 mg/L	Y 371.029
Ti 334.941	9.52293b	mg/L	0.010634	0.1	2072878	9.52293 mg/L	Y 371.029
Ti 336.122	9.57440b	mg/L	0.015140	0.2	884098	9.57440 mg/L	Y 371.029
Ti 337.280	9.76002b	mg/L	0.018040	0.2	306595	9.76002 mg/L	Y 371.029
Tl 190.794	0.386791b	mg/L	0.003681	1.0	175.266	0.386791 mg/L	Y 371.029
Tl 190.807	0.443400b	mg/L	0.006308	1.4	96.2313	0.443400 mg/L	Y 371.029
Tl 351.923	0.483529b	mg/L	0.008085	1.7	797.644	0.483529 mg/L	Y 371.029
V 268.796	10.3334b	mg/L	0.043125	0.4	94972.3	10.3334 mg/L	Y 371.029
V 292.401	9.67543b	mg/L	0.034535	0.4	312196	9.67543 mg/L	Y 371.029
V 311.837	9.80762b	mg/L	0.018533	0.2	433448	9.80762 mg/L	Y 371.029
Zn 202.548	9.36050b	mg/L	0.040339	0.4	99920.0	9.36050 mg/L	Y 371.029
Zn 206.200	9.40825b	mg/L	0.142025	1.5	31789.0	9.40825 mg/L	Y 371.029
Zn 213.857	9.75556b	mg/L	0.067774	0.7	174401	9.75556 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13538	9104.39	23.061	0.3
Y 371.029	0.883643	145719	425.259	0.3

SEQ-CCV1 (Samp) **4/1/2011, 1:06:38 PM** **Rack 1, Tube 8**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099820	mg/L	0.000105	0.1	5786.82	0.099820 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000178	0.2	283.617	uncal mg/L	Y 371.029
Al 237.312	2.51255	mg/L	0.010143	0.4	3302.98	2.51255 mg/L	Y 371.029
Al 257.509	2.54086	mg/L	0.007924	0.3	1520.72	2.54086 mg/L	Y 371.029
Al 308.215	2.52296	mg/L	0.000123	0.0	16763.2	2.52296 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.003302	0.7	199.782	uncal mg/L	Y 371.029
As 193.696	0.487694	mg/L	0.007900	1.6	233.307	0.487694 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.013567	1.3	835.953	uncal mg/L	Y 371.029
B 182.577	0.493847	mg/L	0.001631	0.3	258.743	0.493847 mg/L	Y 371.029
B 249.678	0.492898	mg/L	0.002390	0.5	4933.89	0.492898 mg/L	Y 371.029
B 249.772	0.490623	mg/L	0.001325	0.3	9554.37	0.490623 mg/L	Y 371.029
Ba 233.527	0.494520	mg/L	0.001442	0.3	21292.6	0.494520 mg/L	Y 371.029
Ba 455.403	0.500640	mg/L	0.000707	0.1	446906	0.500640 mg/L	Y 371.029
Ba 493.408	0.500793	mg/L	0.000785	0.2	280227	0.500793 mg/L	Y 371.029
Be 234.861	0.497261	mg/L	0.001911	0.4	59403.3	0.497261 mg/L	Y 371.029
Be 313.042	0.495014	mg/L	0.003186	0.6	855961	0.495014 mg/L	Y 371.029
Be 313.107	0.495669	mg/L	0.003552	0.7	419244	0.495669 mg/L	Y 371.029
Ca 393.366	4.51381n	mg/L	0.014341	0.3	5904992	4.51381 mg/L	Y 371.029
Ca 396.847	4.50994	mg/L	0.019213	0.4	9300451	4.50994 mg/L	Y 371.029
Ca 430.253	5.07163	mg/L	0.004246	0.1	24281.0	5.07163 mg/L	Y 371.029
Cd 214.439	0.251279	mg/L	0.000363	0.1	5451.49	0.251279 mg/L	Y 371.029
Cd 226.502	0.250454	mg/L	0.000061	0.0	10358.4	0.250454 mg/L	Y 371.029
Cd 228.802	0.251907	mg/L	0.000929	0.4	3873.11	0.251907 mg/L	Y 371.029
Co 228.615	0.505601	mg/L	0.003057	0.6	4876.07	0.505601 mg/L	Y 371.029
Co 230.786	0.506326	mg/L	0.001790	0.4	3349.04	0.506326 mg/L	Y 371.029
Co 238.892	0.502768	mg/L	0.000261	0.1	3115.62	0.502768 mg/L	Y 371.029
Cr 205.560	0.505179	mg/L	0.004372	0.9	2178.13	0.505179 mg/L	Y 371.029
Cr 206.158	0.499280	mg/L	0.001913	0.4	886.539	0.499280 mg/L	Y 371.029
Cr 267.716	0.497711	mg/L	0.002741	0.6	11444.2	0.497711 mg/L	Y 371.029
Cu 213.598	0.505408	mg/L	0.004296	0.9	2256.86	0.505408 mg/L	Y 371.029
Cu 324.754	0.502333	mg/L	0.000828	0.2	17072.6	0.502333 mg/L	Y 371.029
Cu 327.395	0.499602	mg/L	0.000541	0.1	21654.1	0.499602 mg/L	Y 371.029
Fe 234.350	0.515251	mg/L	0.002059	0.4	5179.71	0.515251 mg/L	Y 371.029
Fe 238.204	0.507476	mg/L	0.004180	0.8	10499.1	0.507476 mg/L	Y 371.029
Fe 259.940	0.503230	mg/L	0.002223	0.4	8373.41	0.503230 mg/L	Y 371.029
Ga 287.423	0.504629	mg/L	0.001991	0.4	1223.32	0.504629 mg/L	Y 371.029
Ga 294.363	0.498492	mg/L	0.000854	0.2	3261.12	0.498492 mg/L	Y 371.029
Ga 417.204	0.500356	mg/L	0.003561	0.7	5065.51	0.500356 mg/L	Y 371.029
K 766.491	5.11225	mg/L	0.004947	0.1	400583	5.11225 mg/L	Y 371.029
K 769.897	5.11854	mg/L	0.006407	0.1	316012	5.11854 mg/L	Y 371.029
Li 610.365	1.01569	mg/L	0.000772	0.1	52624.0	1.01569 mg/L	Y 371.029
Li 670.783	1.00595	mg/L	0.000187	0.0	4086178	1.00595 mg/L	Y 371.029
Mg 279.078	4.99728	mg/L	0.009112	0.2	9244.70	4.99728 mg/L	Y 371.029
Mg 280.270	5.19183	mg/L	0.019375	0.4	543639	5.19183 mg/L	Y 371.029
Mg 285.213	5.14394	mg/L	0.018946	0.4	191438	5.14394 mg/L	Y 371.029
Mn 257.610	0.498784	mg/L	0.001821	0.4	78585.9	0.498784 mg/L	Y 371.029
Mn 259.372	0.498200	mg/L	0.001414	0.3	58720.1	0.498200 mg/L	Y 371.029
Mn 260.568	0.495385	mg/L	0.000795	0.2	10063.0	0.495385 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	1.11458	mg/L	0.019096	1.7	4385.67	1.11458 mg/L	Y 371.029
Mo 203.846	1.09723	mg/L	0.015026	1.4	1821.50	1.09723 mg/L	Y 371.029
Mo 204.598	1.08802	mg/L	0.021808	2.0	2108.22	1.08802 mg/L	Y 371.029
Na 568.821	4.96506	mg/L	0.096301	1.9	1503.55	4.96506 mg/L	Y 371.029
Na 588.995	5.45212	mg/L	0.074057	1.4	3658633	5.45212 mg/L	Y 371.029
Na 589.592	5.20394	mg/L	0.026149	0.5	1847733	5.20394 mg/L	Y 371.029
Ni 216.555	1.00879	mg/L	0.000376	0.0	5820.83	1.00879 mg/L	Y 371.029
Ni 221.648	1.00207	mg/L	0.001906	0.2	2259.10	1.00207 mg/L	Y 371.029
Ni 231.604	1.01057	mg/L	0.004347	0.4	3766.44	1.01057 mg/L	Y 371.029
P 177.434	0.502972	mg/L	0.004875	1.0	89.6498	0.502972 mg/L	Y 371.029
P 213.618	0.496727	mg/L	0.004890	1.0	380.892	0.496727 mg/L	Y 371.029
P 214.914	0.494374	mg/L	0.016160	3.3	111.168	0.494374 mg/L	Y 371.029
Pb 220.353	1.00364	mg/L	0.003200	0.3	1297.64	1.00364 mg/L	Y 371.029
Pb 261.417	0.993698	mg/L	0.011787	1.2	549.716	0.993698 mg/L	Y 371.029
Pb 405.781	0.997688	mg/L	0.018897	1.9	1409.95	0.997688 mg/L	Y 371.029
Sb 206.834	0.889015	mg/L	0.011920	1.3	556.532	0.889015 mg/L	Y 371.029
Sb 231.146	0.862203	mg/L	0.027135	3.1	425.762	0.862203 mg/L	Y 371.029
Sb 259.804	0.822881	mg/L	0.004498	0.5	360.083	0.822881 mg/L	Y 371.029
Se 196.026	1.02103	mg/L	0.015401	1.5	331.845	1.02103 mg/L	Y 371.029
Se 203.985	1.03152	mg/L	0.026370	2.6	193.919	1.03152 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.004151	0.4	1460.66	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.007841	0.7	1628.94	uncal mg/L	Y 371.029
Si 288.158	0.988960	mg/L	0.008066	0.8	8963.99	0.988960 mg/L	Y 371.029
Sn 189.927	1.00546	mg/L	0.003863	0.4	337.335	1.00546 mg/L	Y 371.029
Sn 283.998	1.07910	mg/L	0.001635	0.2	2089.39	1.07910 mg/L	Y 371.029
Sr 216.596	0.504034	mg/L	0.000812	0.2	4605.60	0.504034 mg/L	Y 371.029
Sr 407.771	0.495948	mg/L	0.003006	0.6	1227770	0.495948 mg/L	Y 371.029
Sr 421.552	0.491084	mg/L	0.004323	0.9	802358	0.491084 mg/L	Y 371.029
Ti 334.941	0.504718	mg/L	0.007152	1.4	109828	0.504718 mg/L	Y 371.029
Ti 336.122	0.507383	mg/L	0.002420	0.5	46850.4	0.507383 mg/L	Y 371.029
Ti 337.280	0.507017	mg/L	0.003389	0.7	15912.0	0.507017 mg/L	Y 371.029
Tl 190.794	0.504106	mg/L	0.006259	1.2	202.331	0.504106 mg/L	Y 371.029
Tl 190.807	0.515325	mg/L	0.008358	1.6	101.362	0.515325 mg/L	Y 371.029
Tl 351.923	0.502348	mg/L	0.003962	0.8	821.613	0.502348 mg/L	Y 371.029
V 268.796	0.553837	mg/L	0.004471	0.8	5780.85	0.553837 mg/L	Y 371.029
V 292.401	0.499270	mg/L	0.001235	0.2	16104.6	0.499270 mg/L	Y 371.029
V 311.837	0.505284	mg/L	0.001033	0.2	22276.7	0.505284 mg/L	Y 371.029
Zn 202.548	0.513369	mg/L	0.000853	0.2	6161.80	0.513369 mg/L	Y 371.029
Zn 206.200	0.508481	mg/L	0.004523	0.9	1934.30	0.508481 mg/L	Y 371.029
Zn 213.857	0.506615	mg/L	0.004395	0.9	10261.4	0.506615 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17866	9451.39	59.124	0.6
Y 371.029	0.901772	148708	723.079	0.5

SEQ-CCB1 (Samp) **4/1/2011, 1:10:35 PM** **Rack 1, Tube 9**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000755	mg/L	0.000590	78.2	703.349	0.000755 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001011	29.1	-2.88473	uncal mg/L	Y 371.029
Al 237.312	0.000586uv	mg/L	0.005946	1015.1	61.2002	0.000586 mg/L	Y 371.029
Al 257.509	0.001541uv	mg/L	0.003732	242.2	17.7255	0.001541 mg/L	Y 371.029
Al 308.215	-0.009513uv	mg/L	0.000620	6.5	1101.77	-0.009513 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.001005	8.8	9.49543	uncal mg/L	Y 371.029
As 193.696	0.001006uv	mg/L	0.002347	233.3	8.81482	0.001006 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.012440	33.8	15.6934	uncal mg/L	Y 371.029
B 182.577	0.003641	mg/L	0.001909	52.4	5.71253	0.003641 mg/L	Y 371.029
B 249.678	0.003024	mg/L	0.000627	20.7	58.3447	0.003024 mg/L	Y 371.029
B 249.772	0.003048	mg/L	0.000615	20.2	127.006	0.003048 mg/L	Y 371.029
Ba 233.527	0.000098	mg/L	0.000043	43.9	201.306	0.000098 mg/L	Y 371.029
Ba 455.403	-0.000084uv	mg/L	0.000029	34.7	3946.92	-0.000084 mg/L	Y 371.029
Ba 493.408	-0.000085uv	mg/L	0.000050	58.4	2511.61	-0.000085 mg/L	Y 371.029
Be 234.861	0.000003uv	mg/L	0.000011	326.1	-0.421006	0.000003 mg/L	Y 371.029
Be 313.042	-0.000069uv	mg/L	0.000002	2.2	717.765	-0.000069 mg/L	Y 371.029
Be 313.107	-0.000005uv	mg/L	0.000007	136.2	74.9195	-0.000005 mg/L	Y 371.029
Ca 393.366	0.000074n	mg/L	0.000037	50.6	16284.7	0.000074 mg/L	Y 371.029
Ca 396.847	-0.000019uv	mg/L	0.000049	261.9	24961.6	-0.000019 mg/L	Y 371.029
Ca 430.253	-0.009437uv	mg/L	0.003345	35.4	1243.07	-0.009437 mg/L	Y 371.029
Cd 214.439	0.000097	mg/L	0.000054	56.1	3.78112	0.000097 mg/L	Y 371.029
Cd 226.502	-0.000082uv	mg/L	0.000086	105.1	21.0667	-0.000082 mg/L	Y 371.029
Cd 228.802	-0.000060uv	mg/L	0.000410	678.8	23.9846	-0.000060 mg/L	Y 371.029
Co 228.615	0.000515	mg/L	0.000322	62.5	12.7632	0.000515 mg/L	Y 371.029
Co 230.786	-0.000807uv	mg/L	0.000621	77.0	4.76212	-0.000807 mg/L	Y 371.029
Co 238.892	0.000427uv	mg/L	0.000519	121.6	6.39784	0.000427 mg/L	Y 371.029
Cr 205.560	-0.000073uv	mg/L	0.000029	40.4	4.53709	-0.000073 mg/L	Y 371.029
Cr 206.158	0.000194uv	mg/L	0.000312	160.6	3.47876	0.000194 mg/L	Y 371.029
Cr 267.716	0.000412	mg/L	0.000261	63.5	33.6268	0.000412 mg/L	Y 371.029
Cu 213.598	0.000221	mg/L	0.000114	51.6	1.87202	0.000221 mg/L	Y 371.029
Cu 324.754	-0.000908uv	mg/L	0.000142	15.6	575.514	-0.000908 mg/L	Y 371.029
Cu 327.395	0.000263	mg/L	0.000191	72.6	45.5099	0.000263 mg/L	Y 371.029
Fe 234.350	0.002639	mg/L	0.000830	31.5	37.1117	0.002639 mg/L	Y 371.029
Fe 238.204	0.002776	mg/L	0.001232	44.4	82.7497	0.002776 mg/L	Y 371.029
Fe 259.940	0.002739	mg/L	0.000678	24.7	92.3291	0.002739 mg/L	Y 371.029
Ga 287.423	0.001581uv	mg/L	0.003563	225.3	12.9210	0.001581 mg/L	Y 371.029
Ga 294.363	0.001546	mg/L	0.000272	17.6	20.9438	0.001546 mg/L	Y 371.029
Ga 417.204	0.000034uv	mg/L	0.000877	2605.1	67.3332	0.000034 mg/L	Y 371.029
K 766.491	-0.000467uv	mg/L	0.000224	48.1	2217.31	-0.000467 mg/L	Y 371.029
K 769.897	-0.003625uv	mg/L	0.001297	35.8	12252.0	-0.003625 mg/L	Y 371.029
Li 610.365	0.011657	mg/L	0.000192	1.6	-2.79694	0.011657 mg/L	Y 371.029
Li 670.783	-0.001153uv	mg/L	0.000065	5.6	69225.2	-0.001153 mg/L	Y 371.029
Mg 279.078	-0.002308uv	mg/L	0.000968	41.9	13.2067	-0.002308 mg/L	Y 371.029
Mg 280.270	-0.000253uv	mg/L	0.000035	13.8	332.865	-0.000253 mg/L	Y 371.029
Mg 285.213	0.000531	mg/L	0.000195	36.6	93.0621	0.000531 mg/L	Y 371.029
Mn 257.610	-0.000034uv	mg/L	0.000006	16.9	2.32620	-0.000034 mg/L	Y 371.029
Mn 259.372	-0.000135	mg/L	0.000105	78.3	70.3534	-0.000135 mg/L	Y 371.029
Mn 260.568	-0.000012uv	mg/L	0.000151	1225.5	6.15846	-0.000012 mg/L	Y 371.029
Mo 202.032	0.042310	mg/L	0.008751	20.7	212.796	0.042310 mg/L	Y 371.029
Mo 203.846	0.044571	mg/L	0.009158	20.5	87.8960	0.044571 mg/L	Y 371.029
Mo 204.598	0.043596	mg/L	0.007525	17.3	93.7895	0.043596 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.340524	mg/L	0.049757	14.6	209.620	0.340524 mg/L	Y 371.029
Na 588.995	-0.210585uv	mg/L	0.004173	2.0	211303	-0.210585 mg/L	Y 371.029
Na 589.592	-0.061765uv	mg/L	0.000516	0.8	74411.8	-0.061765 mg/L	Y 371.029
Ni 216.555	0.000586	mg/L	0.000405	69.1	7.64653	0.000586 mg/L	Y 371.029
Ni 221.648	0.000241	mg/L	0.000218	90.5	3.58038	0.000241 mg/L	Y 371.029
Ni 231.604	-0.000353uv	mg/L	0.000721	204.2	8.16108	-0.000353 mg/L	Y 371.029
P 177.434	-0.000379uv	mg/L	0.004002	1055.1	1.68813	-0.000379 mg/L	Y 371.029
P 213.618	0.000218uv	mg/L	0.000959	440.5	0.305688	0.000218 mg/L	Y 371.029
P 214.914	-0.007998uv	mg/L	0.001579	19.7	1.58087	-0.007998 mg/L	Y 371.029
Pb 220.353	0.000948uv	mg/L	0.001241	130.9	6.15466	0.000948 mg/L	Y 371.029
Pb 261.417	0.008866	mg/L	0.007662	86.4	23.8158	0.008866 mg/L	Y 371.029
Pb 405.781	0.001955uv	mg/L	0.003124	159.8	41.4232	0.001955 mg/L	Y 371.029
Sb 206.834	0.070380	mg/L	0.002987	4.2	51.6648	0.070380 mg/L	Y 371.029
Sb 231.146	0.069284	mg/L	0.004250	6.1	36.5081	0.069284 mg/L	Y 371.029
Sb 259.804	0.068423	mg/L	0.005791	8.5	34.7286	0.068423 mg/L	Y 371.029
Se 196.026	0.016615	mg/L	0.001603	9.6	14.0052	0.016615 mg/L	Y 371.029
Se 203.985	0.029275	mg/L	0.010614	36.3	8.71997	0.029275 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.003888	20.2	139.546	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.002100	91.9	149.641	uncal mg/L	Y 371.029
Si 288.158	0.024586	mg/L	0.001372	5.6	1524.48	0.024586 mg/L	Y 371.029
Sn 189.927	0.002186uv	mg/L	0.001998	91.4	3.38503	0.002186 mg/L	Y 371.029
Sn 283.998	-0.002308uv	mg/L	0.002500	108.3	18.4218	-0.002308 mg/L	Y 371.029
Sr 216.596	0.000203uv	mg/L	0.000275	135.8	19.8853	0.000203 mg/L	Y 371.029
Sr 407.771	-0.000044uv	mg/L	0.000002	3.9	5251.98	-0.000044 mg/L	Y 371.029
Sr 421.552	-0.000016uv	mg/L	0.000001	8.3	3177.34	-0.000016 mg/L	Y 371.029
Ti 334.941	0.003543	mg/L	0.001133	32.0	855.788	0.003543 mg/L	Y 371.029
Ti 336.122	0.003331	mg/L	0.001159	34.8	349.761	0.003331 mg/L	Y 371.029
Ti 337.280	0.003321	mg/L	0.001245	37.5	100.541	0.003321 mg/L	Y 371.029
Tl 190.794	0.001023uv	mg/L	0.006606	645.9	1.99913	0.001023 mg/L	Y 371.029
Tl 190.807	0.007100	mg/L	0.001142	16.1	2.06364	0.007100 mg/L	Y 371.029
Tl 351.923	0.000726uv	mg/L	0.001687	232.4	12.4355	0.000726 mg/L	Y 371.029
V 268.796	-0.002308	mg/L	0.001287	55.8	102.054	-0.002308 mg/L	Y 371.029
V 292.401	0.000045uv	mg/L	0.000075	169.3	37.3222	0.000045 mg/L	Y 371.029
V 311.837	0.000579	mg/L	0.000138	23.8	13.4151	0.000579 mg/L	Y 371.029
Zn 202.548	-0.000423uv	mg/L	0.001022	241.7	724.343	-0.000423 mg/L	Y 371.029
Zn 206.200	-0.000204uv	mg/L	0.000582	284.9	229.036	-0.000204 mg/L	Y 371.029
Zn 213.857	-0.000968uv	mg/L	0.000237	24.5	1206.13	-0.000968 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.19429	9576.75	52.935	0.6
Y 371.029	0.914607	150825	855.727	0.6

11C1536-04 (Samp) **4/1/2011, 1:23:08 PM** **Rack 1, Tube 10**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1000**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000686	mg/L	0.000321	46.8	714.208	0.685518 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002023	55.8	-2.36392	uncal mg/L	Y 371.029
Al 237.312	0.000988uv	mg/L	0.004867	492.6	62.6649	0.987921 mg/L	Y 371.029
Al 257.509	0.005125	mg/L	0.007006	136.7	21.3136	5.12494 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000189uv	mg/L	0.000471	248.4	3.55023	0.189419 mg/L	Y 371.029
Ni 231.604	-0.000516uv	mg/L	0.000617	119.5	7.29871	-0.516462 mg/L	Y 371.029
P 177.434	0.002863uv	mg/L	0.004323	151.0	2.18432	2.86318 mg/L	Y 371.029
P 213.618	-0.001637uv	mg/L	0.000971	59.3	-0.384047	-1.63669 mg/L	Y 371.029
P 214.914	-0.005112uv	mg/L	0.010026	196.1	2.06205	-5.11220 mg/L	Y 371.029
Pb 220.353	0.001395	mg/L	0.000696	49.9	6.81032	1.39538 mg/L	Y 371.029
Pb 261.417	0.016410	mg/L	0.011183	68.1	29.3917	16.4101 mg/L	Y 371.029
Pb 405.781	0.003089uv	mg/L	0.008487	274.8	44.5102	3.08857 mg/L	Y 371.029
Sb 206.834	0.016806	mg/L	0.001686	10.0	19.5300	16.8057 mg/L	Y 371.029
Sb 231.146	0.023176	mg/L	0.003615	15.6	13.5218	23.1757 mg/L	Y 371.029
Sb 259.804	0.019045	mg/L	0.002753	14.5	13.1412	19.0455 mg/L	Y 371.029
Se 196.026	-0.006941uv	mg/L	0.005330	76.8	6.46556	-6.94097 mg/L	Y 371.029
Se 203.985	-0.002469uv	mg/L	0.010548	427.2	3.03565	-2.46883 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.001358	7.0	140.829	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.001715	132.5	149.156	uncal mg/L	Y 371.029
Si 288.158	0.025943	mg/L	0.001877	7.2	1533.19	25.9428 mg/L	Y 371.029
Sn 189.927	0.001802	mg/L	0.000789	43.8	3.31885	1.80157 mg/L	Y 371.029
Sn 283.998	0.002510uv	mg/L	0.005991	238.7	25.4072	2.51032 mg/L	Y 371.029
Sr 216.596	0.000347uv	mg/L	0.000834	240.4	21.1081	0.346969 mg/L	Y 371.029
Sr 407.771	-0.000038uv	mg/L	0.000004	10.7	5282.72	-0.038436 mg/L	Y 371.029
Sr 421.552	-0.000019uv	mg/L	0.000004	20.2	3187.23	-0.019191 mg/L	Y 371.029
Ti 334.941	0.001001	mg/L	0.000434	43.4	303.501	1.00067 mg/L	Y 371.029
Ti 336.122	0.000826	mg/L	0.000447	54.1	119.727	0.825790 mg/L	Y 371.029
Ti 337.280	0.000960	mg/L	0.000715	74.5	27.4981	0.960093 mg/L	Y 371.029
Tl 190.794	0.001717uv	mg/L	0.004549	265.0	2.18959	1.71663 mg/L	Y 371.029
Tl 190.807	0.003116uv	mg/L	0.003843	123.3	1.29244	3.11553 mg/L	Y 371.029
Tl 351.923	0.007642	mg/L	0.005379	70.4	22.7998	7.64237 mg/L	Y 371.029
V 268.796	-0.005143uv	mg/L	0.000346	6.7	44.5231	-5.14297 mg/L	Y 371.029
V 292.401	0.000278	mg/L	0.000190	68.3	45.5437	0.277927 mg/L	Y 371.029
V 311.837	0.000607	mg/L	0.000248	40.9	15.0846	0.607471 mg/L	Y 371.029
Zn 202.548	-0.000868	mg/L	0.000237	27.3	733.548	-0.867601 mg/L	Y 371.029
Zn 206.200	-0.000935uv	mg/L	0.000850	90.9	230.918	-0.935270 mg/L	Y 371.029
Zn 213.857	-0.001362uv	mg/L	0.000509	37.4	1222.26	-1.36200 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.16980	9380.41	32.047	0.3
Y 371.029	0.894372	147488	429.526	0.3

1114154-BLK1 (Samp) **4/1/2011, 1:26:53 PM** **Rack 1, Tube 11**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001338	mg/L	0.000186	13.9	733.083	0.001338 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000910	18.4	1.46783	uncal mg/L	Y 371.029
Al 237.312	0.002071	mg/L	0.003065	148.0	63.0966	0.002071 mg/L	Y 371.029
Al 257.509	0.006841	mg/L	0.009805	143.3	20.9192	0.006841 mg/L	Y 371.029
Al 308.215	-0.005431uv	mg/L	0.001197	22.0	1124.64	-0.005431 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.002423	12.2	6.26599	uncal mg/L	Y 371.029
As 193.696	-0.008303uv	mg/L	0.001809	21.8	4.51836	-0.008303 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007424	22.5	17.6597	uncal mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.000942uv	mg/L	0.002497	265.0	4.32528	0.000942 mg/L	Y 371.029
B 249.678	0.001087	mg/L	0.000624	57.4	39.2179	0.001087 mg/L	Y 371.029
B 249.772	0.000553	mg/L	0.000422	76.3	78.8827	0.000553 mg/L	Y 371.029
Ba 233.527	0.000147	mg/L	0.000054	36.5	203.376	0.000147 mg/L	Y 371.029
Ba 455.403	-0.000013uv	mg/L	0.000011	87.2	4010.30	-0.000013 mg/L	Y 371.029
Ba 493.408	0.000006uv	mg/L	0.000021	368.2	2562.49	0.000006 mg/L	Y 371.029
Be 234.861	0.000023	mg/L	0.000009	39.1	1.95723	0.000023 mg/L	Y 371.029
Be 313.042	-0.000053uv	mg/L	0.000009	16.8	748.191	-0.000053 mg/L	Y 371.029
Be 313.107	0.000014uv	mg/L	0.000026	188.2	91.3978	0.000014 mg/L	Y 371.029
Ca 393.366	0.002156n	mg/L	0.000034	1.6	19005.2	0.002156 mg/L	Y 371.029
Ca 396.847	0.001979	mg/L	0.000024	1.2	29054.6	0.001979 mg/L	Y 371.029
Ca 430.253	0.003293	mg/L	0.005147	156.3	1301.02	0.003293 mg/L	Y 371.029
Cd 214.439	0.000105	mg/L	0.000075	71.6	3.95412	0.000105 mg/L	Y 371.029
Cd 226.502	-0.000074uv	mg/L	0.000119	161.3	21.4022	-0.000074 mg/L	Y 371.029
Cd 228.802	-0.000030uv	mg/L	0.000432	1431.7	24.4189	-0.000030 mg/L	Y 371.029
Co 228.615	0.000221uv	mg/L	0.000411	186.0	9.95373	0.000221 mg/L	Y 371.029
Co 230.786	-0.000009uv	mg/L	0.001290	14340.0	9.93095	-0.000009 mg/L	Y 371.029
Co 238.892	0.000536	mg/L	0.000366	68.3	7.05851	0.000536 mg/L	Y 371.029
Cr 205.560	0.000110uv	mg/L	0.000537	490.3	5.29892	0.000110 mg/L	Y 371.029
Cr 206.158	-0.000367uv	mg/L	0.000498	135.8	2.49865	-0.000367 mg/L	Y 371.029
Cr 267.716	0.000195uv	mg/L	0.000206	106.0	28.6817	0.000195 mg/L	Y 371.029
Cu 213.598	0.000731	mg/L	0.000349	47.8	3.58086	0.000731 mg/L	Y 371.029
Cu 324.754	-0.000964uv	mg/L	0.000166	17.2	573.414	-0.000964 mg/L	Y 371.029
Cu 327.395	0.000673	mg/L	0.000668	99.3	63.3793	0.000673 mg/L	Y 371.029
Fe 234.350	-0.000133uv	mg/L	0.000170	128.4	10.8452	-0.000133 mg/L	Y 371.029
Fe 238.204	0.000399	mg/L	0.000271	67.8	35.2876	0.000399 mg/L	Y 371.029
Fe 259.940	0.000658	mg/L	0.000337	51.2	58.8381	0.000658 mg/L	Y 371.029
Ga 287.423	0.004843	mg/L	0.002940	60.7	20.5599	0.004843 mg/L	Y 371.029
Ga 294.363	0.001423	mg/L	0.000122	8.6	20.0853	0.001423 mg/L	Y 371.029
Ga 417.204	0.001184uv	mg/L	0.002007	169.5	76.6670	0.001184 mg/L	Y 371.029
K 766.491	0.000672	mg/L	0.000273	40.6	2305.51	0.000672 mg/L	Y 371.029
K 769.897	0.001228	mg/L	0.001027	83.6	12536.7	0.001228 mg/L	Y 371.029
Li 610.365	0.011800	mg/L	0.000155	1.3	4.72951	0.011800 mg/L	Y 371.029
Li 670.783	-0.001036uv	mg/L	0.000039	3.8	69692.8	-0.001036 mg/L	Y 371.029
Mg 279.078	0.000907uv	mg/L	0.002331	257.1	19.1940	0.000907 mg/L	Y 371.029
Mg 280.270	-0.000005uv	mg/L	0.000041	773.5	358.930	-0.000005 mg/L	Y 371.029
Mg 285.213	0.000856	mg/L	0.000172	20.1	105.166	0.000856 mg/L	Y 371.029
Mn 257.610	-0.000035uv	mg/L	0.000023	67.0	2.76247	-0.000035 mg/L	Y 371.029
Mn 259.372	-0.000157uv	mg/L	0.000027	17.4	38.3073	-0.000157 mg/L	Y 371.029
Mn 260.568	-0.000040uv	mg/L	0.000071	178.0	5.69291	-0.000040 mg/L	Y 371.029
Mo 202.032	-0.000429uv	mg/L	0.001230	287.0	47.4146	-0.000429 mg/L	Y 371.029
Mo 203.846	0.000016uv	mg/L	0.002582	16423.4	14.9457	0.000016 mg/L	Y 371.029
Mo 204.598	0.001159	mg/L	0.001458	125.8	12.4322	0.001159 mg/L	Y 371.029
Na 568.821	0.437087	mg/L	0.107776	24.7	235.980	0.437087 mg/L	Y 371.029
Na 588.995	-0.199252uv	mg/L	0.000765	0.4	218173	-0.199252 mg/L	Y 371.029
Na 589.592	-0.058728uv	mg/L	0.000871	1.5	75419.2	-0.058728 mg/L	Y 371.029
Ni 216.555	0.000156uv	mg/L	0.000636	408.7	5.17292	0.000156 mg/L	Y 371.029
Ni 221.648	-0.000198uv	mg/L	0.000313	157.8	2.58310	-0.000198 mg/L	Y 371.029
Ni 231.604	-0.000756uv	mg/L	0.000410	54.2	6.65004	-0.000756 mg/L	Y 371.029
P 177.434	0.004353uv	mg/L	0.008157	187.4	2.51339	0.004353 mg/L	Y 371.029
P 213.618	0.002362uv	mg/L	0.003731	158.0	1.85859	0.002362 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	-0.001134uv	mg/L	0.007668	676.1	2.89672	-0.001134 mg/L	Y 371.029
Pb 220.353	0.001288uv	mg/L	0.003107	241.1	6.59020	0.001288 mg/L	Y 371.029
Pb 261.417	0.014504	mg/L	0.007358	50.7	26.8345	0.014504 mg/L	Y 371.029
Pb 405.781	0.000892uv	mg/L	0.009943	1114.6	39.8699	0.000892 mg/L	Y 371.029
Sb 206.834	0.000580uv	mg/L	0.003794	654.0	8.92152	0.000580 mg/L	Y 371.029
Sb 231.146	-0.000563uv	mg/L	0.006753	1199.7	2.53119	-0.000563 mg/L	Y 371.029
Sb 259.804	0.011534	mg/L	0.004317	37.4	10.3320	0.011534 mg/L	Y 371.029
Se 196.026	-0.011492uv	mg/L	0.001601	13.9	5.12111	-0.011492 mg/L	Y 371.029
Se 203.985	0.002331uv	mg/L	0.006007	257.7	4.00269	0.002331 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.006867	67.6	100.047	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.000680	2.1	102.089	uncal mg/L	Y 371.029
Si 288.158	-0.004442uv	mg/L	0.001241	27.9	1301.18	-0.004442 mg/L	Y 371.029
Sn 189.927	0.001280uv	mg/L	0.001514	118.2	3.08451	0.001280 mg/L	Y 371.029
Sn 283.998	0.002970	mg/L	0.003044	102.5	25.1317	0.002970 mg/L	Y 371.029
Sr 216.596	0.000070uv	mg/L	0.000404	574.0	18.6828	0.000070 mg/L	Y 371.029
Sr 407.771	-0.000034uv	mg/L	0.000002	6.3	5278.42	-0.000034 mg/L	Y 371.029
Sr 421.552	-0.000008uv	mg/L	0.000009	121.0	3191.43	-0.000008 mg/L	Y 371.029
Ti 334.941	0.000598	mg/L	0.000342	57.2	216.874	0.000598 mg/L	Y 371.029
Ti 336.122	0.000374	mg/L	0.000286	76.4	77.3356	0.000374 mg/L	Y 371.029
Ti 337.280	0.000597	mg/L	0.000180	30.1	15.1452	0.000597 mg/L	Y 371.029
Tl 190.794	0.004170uv	mg/L	0.004596	110.2	3.24795	0.004170 mg/L	Y 371.029
Tl 190.807	0.004743	mg/L	0.002946	62.1	1.51581	0.004743 mg/L	Y 371.029
Tl 351.923	-0.001920uv	mg/L	0.002139	111.4	8.17428	-0.001920 mg/L	Y 371.029
V 268.796	-0.002755uv	mg/L	0.000146	5.3	47.8906	-0.002755 mg/L	Y 371.029
V 292.401	0.000056uv	mg/L	0.000158	281.3	37.7662	0.000056 mg/L	Y 371.029
V 311.837	0.000612	mg/L	0.000294	48.0	14.8014	0.000612 mg/L	Y 371.029
Zn 202.548	0.001245	mg/L	0.000295	23.7	741.759	0.001245 mg/L	Y 371.029
Zn 206.200	0.001450	mg/L	0.000312	21.5	234.517	0.001450 mg/L	Y 371.029
Zn 213.857	0.000566	mg/L	0.000300	53.1	1233.00	0.000566 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18150	9474.23	9.842	0.1
Y 371.029	0.899654	148359	308.741	0.2

1114154-BS1 (Samp) **4/1/2011, 1:29:52 PM** **Rack 1, Tube 12**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.328785	mg/L	0.007935	2.4	17519.2	0.328785 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.007208	2.1	965.394	uncal mg/L	Y 371.029
Al 237.312	5.23826	mg/L	0.129438	2.5	6816.65	5.23826 mg/L	Y 371.029
Al 257.509	5.34094	mg/L	0.100148	1.9	3178.91	5.34094 mg/L	Y 371.029
Al 308.215	5.36061	mg/L	0.111909	2.1	34244.1	5.36061 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.028663	2.7	414.915	uncal mg/L	Y 371.029
As 193.696	1.03614	mg/L	0.019961	1.9	486.718	1.03614 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.153307	4.1	2984.87	uncal mg/L	Y 371.029
B 182.577	1.04638	mg/L	0.019121	1.8	544.104	1.04638 mg/L	Y 371.029
B 249.678	1.03546	mg/L	0.024199	2.3	10340.2	1.03546 mg/L	Y 371.029
B 249.772	1.05553	mg/L	0.022876	2.2	20555.3	1.05553 mg/L	Y 371.029
Ba 233.527	1.04994	mg/L	0.021241	2.0	44986.8	1.04994 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	1.01730	mg/L	0.021022	2.1	903996	1.01730 mg/L	Y 371.029
Ba 493.408	1.01930	mg/L	0.023169	2.3	567749	1.01930 mg/L	Y 371.029
Be 234.861	1.05904	mg/L	0.024154	2.3	126486	1.05904 mg/L	Y 371.029
Be 313.042	1.05876	mg/L	0.026061	2.5	1829819	1.05876 mg/L	Y 371.029
Be 313.107	1.06085	mg/L	0.025266	2.4	897189	1.06085 mg/L	Y 371.029
Ca 393.366	8.81549n	mg/L	0.175033	2.0	11517928	8.81549 mg/L	Y 371.029
Ca 396.847	9.06887	mg/L	0.183386	2.0	18676922	9.06887 mg/L	Y 371.029
Ca 430.253	10.6174	mg/L	0.212256	2.0	49436.1	10.6174 mg/L	Y 371.029
Cd 214.439	1.06764	mg/L	0.019096	1.8	23157.1	1.06764 mg/L	Y 371.029
Cd 226.502	1.05241	mg/L	0.020101	1.9	43447.3	1.05241 mg/L	Y 371.029
Cd 228.802	1.04800	mg/L	0.025415	2.4	16031.4	1.04800 mg/L	Y 371.029
Co 228.615	1.04960	mg/L	0.026558	2.5	10125.4	1.04960 mg/L	Y 371.029
Co 230.786	1.06385	mg/L	0.014651	1.4	7027.16	1.06385 mg/L	Y 371.029
Co 238.892	1.02471	mg/L	0.019049	1.9	6307.34	1.02471 mg/L	Y 371.029
Cr 205.560	1.06105	mg/L	0.016400	1.5	4572.33	1.06105 mg/L	Y 371.029
Cr 206.158	1.06836	mg/L	0.016453	1.5	1894.97	1.06836 mg/L	Y 371.029
Cr 267.716	1.04470	mg/L	0.021864	2.1	24010.7	1.04470 mg/L	Y 371.029
Cu 213.598	1.06845	mg/L	0.021521	2.0	4764.20	1.06845 mg/L	Y 371.029
Cu 324.754	1.04404	mg/L	0.018418	1.8	34854.4	1.04404 mg/L	Y 371.029
Cu 327.395	1.05831	mg/L	0.019022	1.8	45880.9	1.05831 mg/L	Y 371.029
Fe 234.350	5.35160	mg/L	0.112771	2.1	50982.1	5.35160 mg/L	Y 371.029
Fe 238.204	5.30942	mg/L	0.106354	2.0	106274	5.30942 mg/L	Y 371.029
Fe 259.940	5.30270	mg/L	0.179865	3.4	85444.2	5.30270 mg/L	Y 371.029
Ga 287.423	1.05672	mg/L	0.017269	1.6	2637.99	1.05672 mg/L	Y 371.029
Ga 294.363	1.05064	mg/L	0.022740	2.2	6863.03	1.05064 mg/L	Y 371.029
Ga 417.204	1.02463	mg/L	0.022874	2.2	10324.5	1.02463 mg/L	Y 371.029
K 766.491	10.4950	mg/L	0.175609	1.7	819940	10.4950 mg/L	Y 371.029
K 769.897	10.7136	mg/L	0.185936	1.7	647639	10.7136 mg/L	Y 371.029
Li 610.365	1.06551	mg/L	0.022476	2.1	55235.2	1.06551 mg/L	Y 371.029
Li 670.783	1.04733	mg/L	0.019639	1.9	4253734	1.04733 mg/L	Y 371.029
Mg 279.078	10.5738	mg/L	0.196031	1.9	19546.2	10.5738 mg/L	Y 371.029
Mg 280.270	10.4330	mg/L	0.268819	2.6	1092094	10.4330 mg/L	Y 371.029
Mg 285.213	11.1314	mg/L	0.110712	1.0	414177	11.1314 mg/L	Y 371.029
Mn 257.610	1.04136	mg/L	0.035455	3.4	164099	1.04136 mg/L	Y 371.029
Mn 259.372	1.04228	mg/L	0.034988	3.4	122739	1.04228 mg/L	Y 371.029
Mn 260.568	1.04857	mg/L	0.023314	2.2	21299.6	1.04857 mg/L	Y 371.029
Mo 202.032	0.951730	mg/L	0.046372	4.9	3766.75	0.951730 mg/L	Y 371.029
Mo 203.846	0.938620	mg/L	0.045747	4.9	1567.30	0.938620 mg/L	Y 371.029
Mo 204.598	0.933414	mg/L	0.041454	4.4	1818.38	0.933414 mg/L	Y 371.029
Na 568.821	10.3095	mg/L	0.165555	1.6	2988.10	10.3095 mg/L	Y 371.029
Na 588.995	11.0500	mg/L	0.168560	1.5	7065818	11.0500 mg/L	Y 371.029
Na 589.592	10.8655	mg/L	0.288068	2.7	3754032	10.8655 mg/L	Y 371.029
Ni 216.555	1.06158	mg/L	0.016049	1.5	6154.55	1.06158 mg/L	Y 371.029
Ni 221.648	1.04740	mg/L	0.022030	2.1	2371.76	1.04740 mg/L	Y 371.029
Ni 231.604	1.06157	mg/L	0.015902	1.5	3974.47	1.06157 mg/L	Y 371.029
P 177.434	1.07171	mg/L	0.036672	3.4	189.145	1.07171 mg/L	Y 371.029
P 213.618	1.06608	mg/L	0.018316	1.7	816.044	1.06608 mg/L	Y 371.029
P 214.914	1.03817	mg/L	0.006672	0.6	228.036	1.03817 mg/L	Y 371.029
Pb 220.353	1.05543	mg/L	0.020439	1.9	1364.59	1.05543 mg/L	Y 371.029
Pb 261.417	0.841580	mg/L	0.017990	2.1	467.069	0.841580 mg/L	Y 371.029
Pb 405.781	1.04275	mg/L	0.018004	1.7	1478.27	1.04275 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	1.21327	mg/L	0.027200	2.2	758.922	1.21327 mg/L	Y 371.029
Sb 231.146	1.20252	mg/L	0.026948	2.2	594.486	1.20252 mg/L	Y 371.029
Sb 259.804	0.904354	mg/L	0.059046	6.5	404.358	0.904354 mg/L	Y 371.029
Se 196.026	1.00665	mg/L	0.058743	5.8	327.633	1.00665 mg/L	Y 371.029
Se 203.985	1.04913	mg/L	0.054296	5.2	208.348	1.04913 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.012210	1.1	1610.50	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.016284	1.4	1776.29	uncal mg/L	Y 371.029
Si 288.158	1.07562	mg/L	0.027757	2.6	9656.38	1.07562 mg/L	Y 371.029
Sn 189.927	1.02544	mg/L	0.022730	2.2	344.188	1.02544 mg/L	Y 371.029
Sn 283.998	1.11435	mg/L	0.042369	3.8	2771.05	1.11435 mg/L	Y 371.029
Sr 216.596	1.10308	mg/L	0.025110	2.3	10068.2	1.10308 mg/L	Y 371.029
Sr 407.771	1.07179	mg/L	0.030334	2.8	2647062	1.07179 mg/L	Y 371.029
Sr 421.552	1.06941	mg/L	0.016645	1.6	1743462	1.06941 mg/L	Y 371.029
Ti 334.941	1.03160	mg/L	0.014569	1.4	224454	1.03160 mg/L	Y 371.029
Ti 336.122	1.03221	mg/L	0.014752	1.4	95282.3	1.03221 mg/L	Y 371.029
Ti 337.280	1.04312	mg/L	0.023752	2.3	32743.7	1.04312 mg/L	Y 371.029
Tl 190.794	1.06172	mg/L	0.019442	1.8	424.558	1.06172 mg/L	Y 371.029
Tl 190.807	1.09424	mg/L	0.012426	1.1	211.590	1.09424 mg/L	Y 371.029
Tl 351.923	1.05237	mg/L	0.014226	1.4	1708.27	1.05237 mg/L	Y 371.029
V 268.796	1.11046	mg/L	0.026976	2.4	10087.6	1.11046 mg/L	Y 371.029
V 292.401	1.04732	mg/L	0.020203	1.9	33771.9	1.04732 mg/L	Y 371.029
V 311.837	1.04892	mg/L	0.019591	1.9	46285.2	1.04892 mg/L	Y 371.029
Zn 202.548	1.07095	mg/L	0.023260	2.2	12060.6	1.07095 mg/L	Y 371.029
Zn 206.200	1.07246	mg/L	0.020017	1.9	3822.86	1.07246 mg/L	Y 371.029
Zn 213.857	1.09203	mg/L	0.017121	1.6	20580.0	1.09203 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17457	9418.58	194.356	2.1
Y 371.029	0.895563	147685	3148.765	2.1

11C1255-03 (Samp) **4/1/2011, 1:34:04 PM** **Rack 1, Tube 13**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.004760b	mg/L	0.000127	2.7	713.159	-0.004760 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001096	29.8	-3.19717	uncal mg/L	Y 371.029
Al 237.312	0.177695b	mg/L	0.003491	2.0	310.177	0.177695 mg/L	Y 371.029
Al 257.509	0.204260b	mg/L	0.010535	5.2	132.603	0.204260 mg/L	Y 371.029
Al 308.215	0.218792b	mg/L	0.001940	0.9	2276.49	0.218792 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.003582	35.2	9.34028	uncal mg/L	Y 371.029
As 193.696	0.000217uvb	mg/L	0.001417	652.7	7.24921	0.000217 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.023145	110.3	21.0862	uncal mg/L	Y 371.029
B 182.577	0.092640b	mg/L	0.003947	4.3	56.1224	0.092640 mg/L	Y 371.029
B 249.678	0.063159b	mg/L	0.000312	0.5	741.060	0.063159 mg/L	Y 371.029
B 249.772	0.065798b	mg/L	0.000505	0.8	1449.69	0.065798 mg/L	Y 371.029
Ba 233.527	0.058402b	mg/L	0.000440	0.8	2826.32	0.058402 mg/L	Y 371.029
Ba 455.403	0.057848b	mg/L	0.000206	0.4	57738.9	0.057848 mg/L	Y 371.029
Ba 493.408	0.059430b	mg/L	0.000188	0.3	37064.5	0.059430 mg/L	Y 371.029
Be 234.861	0.000083b	mg/L	0.000032	39.0	5.75948	0.000083 mg/L	Y 371.029
Be 313.042	-0.000009uvb	mg/L	0.000004	46.5	767.547	-0.000009 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000025b	mg/L	0.000003	11.3	114.163	0.000025 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.521275	1.6	41605708	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.319979	1.6	41400588	- mg/L	Y 371.029
Ca 430.253	170.250b	mg/L	0.582561	0.3	770532	170.250 mg/L	Y 371.029
Cd 214.439	0.000117b	mg/L	0.000015	12.7	4.13953	0.000117 mg/L	Y 371.029
Cd 226.502	-0.000364uvb	mg/L	0.000115	31.7	24.9395	-0.000364 mg/L	Y 371.029
Cd 228.802	-0.000238uvb	mg/L	0.000236	99.0	20.3041	-0.000238 mg/L	Y 371.029
Co 228.615	0.001181uvb	mg/L	0.000642	54.4	10.3663	0.001181 mg/L	Y 371.029
Co 230.786	0.000224uvb	mg/L	0.000688	306.7	13.2302	0.000224 mg/L	Y 371.029
Co 238.892	0.000064b	mg/L	0.000307	477.6	7.03781	0.000064 mg/L	Y 371.029
Cr 205.560	0.007485b	mg/L	0.000387	5.2	45.1647	0.007485 mg/L	Y 371.029
Cr 206.158	0.010564b	mg/L	0.000521	4.9	21.4326	0.010564 mg/L	Y 371.029
Cr 267.716	0.008798b	mg/L	0.000044	0.5	255.452	0.008798 mg/L	Y 371.029
Cu 213.598	0.007392b	mg/L	0.000695	9.4	38.6996	0.007392 mg/L	Y 371.029
Cu 324.754	0.012921b	mg/L	0.000361	2.8	859.734	0.012921 mg/L	Y 371.029
Cu 327.395	0.007587b	mg/L	0.000267	3.5	405.921	0.007587 mg/L	Y 371.029
Fe 234.350	-0.009831b	mg/L	0.001237	12.6	120.123	-0.009831 mg/L	Y 371.029
Fe 238.204	-0.013746b	mg/L	0.000455	3.3	254.478	-0.013746 mg/L	Y 371.029
Fe 259.940	-0.010686b	mg/L	0.000516	4.8	241.919	-0.010686 mg/L	Y 371.029
Ga 287.423	0.004274b	mg/L	0.001535	35.9	22.2079	0.004274 mg/L	Y 371.029
Ga 294.363	0.006720b	mg/L	0.001418	21.1	29.5021	0.006720 mg/L	Y 371.029
Ga 417.204	0.003671uvb	mg/L	0.001086	29.6	43.3815	0.003671 mg/L	Y 371.029
K 766.491	10.6749b	mg/L	0.019550	0.2	835185	10.6749 mg/L	Y 371.029
K 769.897	10.9137b	mg/L	0.019635	0.2	660371	10.9137 mg/L	Y 371.029
Li 610.365	0.013395b	mg/L	0.000248	1.9	88.3251	0.013395 mg/L	Y 371.029
Li 670.783	0.020475b	mg/L	0.000104	0.5	159227	0.020475 mg/L	Y 371.029
Mg 279.078	0.004805b	mg/L	0.001395	29.0	21.2757	0.004805 mg/L	Y 371.029
Mg 280.270	-0.001808b	mg/L	0.000071	3.9	958.490	-0.001808 mg/L	Y 371.029
Mg 285.213	0.003709b	mg/L	0.000133	3.6	303.808	0.003709 mg/L	Y 371.029
Mn 257.610	-0.000592b	mg/L	0.000037	6.3	41.8809	-0.000592 mg/L	Y 371.029
Mn 259.372	-0.001417b	mg/L	0.000065	4.6	96.4097	-0.001417 mg/L	Y 371.029
Mn 260.568	-0.000333b	mg/L	0.000112	33.7	13.4624	-0.000333 mg/L	Y 371.029
Mo 202.032	0.012076b	mg/L	0.005220	43.2	207.094	0.012076 mg/L	Y 371.029
Mo 203.846	0.011574b	mg/L	0.006231	53.8	81.7967	0.011574 mg/L	Y 371.029
Mo 204.598	0.012299b	mg/L	0.004235	34.4	87.3851	0.012299 mg/L	Y 371.029
Na 568.821	21.3129b	mg/L	0.044984	0.2	6227.36	21.3129 mg/L	Y 371.029
Na 588.995	21.4470b	mg/L	0.117969	0.6	13406719	21.4470 mg/L	Y 371.029
Na 589.592	21.5776b	mg/L	0.086717	0.4	7362188	21.5776 mg/L	Y 371.029
Ni 216.555	-0.000407uvb	mg/L	0.000581	142.6	5.91465	-0.000407 mg/L	Y 371.029
Ni 221.648	0.000526uvb	mg/L	0.002088	397.3	5.34652	0.000526 mg/L	Y 371.029
Ni 231.604	-0.000686b	mg/L	0.000377	55.0	13.0162	-0.000686 mg/L	Y 371.029
P 177.434	0.014543b	mg/L	0.003909	26.9	3.87794	0.014543 mg/L	Y 371.029
P 213.618	-0.000884b	mg/L	0.002174	246.0	5.37865	-0.000884 mg/L	Y 371.029
P 214.914	-0.001235uvb	mg/L	0.006052	490.1	3.88637	-0.001235 mg/L	Y 371.029
Pb 220.353	0.059068b	mg/L	0.003352	5.7	83.8875	0.059068 mg/L	Y 371.029
Pb 261.417	0.068727b	mg/L	0.013079	19.0	56.1064	0.068727 mg/L	Y 371.029
Pb 405.781	0.014134b	mg/L	0.012979	91.8	128.878	0.014134 mg/L	Y 371.029
Sb 206.834	-0.014737b	mg/L	0.001810	12.3	11.1341	-0.014737 mg/L	Y 371.029
Sb 231.146	-0.053290b	mg/L	0.007634	14.3	6.89871	-0.053290 mg/L	Y 371.029
Sb 259.804	-0.083340uvb	mg/L	0.007372	8.8	5.79226	-0.083340 mg/L	Y 371.029
Se 196.026	-0.000868b	mg/L	0.005656	651.3	14.2192	-0.000868 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.042723b	mg/L	0.006788	15.9	7.29569	0.042723 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.032627	1.0	4314.32	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.027559	0.9	4800.25	uncal mg/L	Y 371.029
Si 288.158	2.91522b	mg/L	0.025031	0.9	25240.4	2.91522 mg/L	Y 371.029
Sn 189.927	0.008176b	mg/L	0.003204	39.2	4.19912	0.008176 mg/L	Y 371.029
Sn 283.998	-0.009726b	mg/L	0.004577	47.1	35.0970	-0.009726 mg/L	Y 371.029
Sr 216.596	0.411105b	mg/L	0.003098	0.8	3805.01	0.411105 mg/L	Y 371.029
Sr 407.771	0.403760b	mg/L	0.000814	0.2	1012090	0.403760 mg/L	Y 371.029
Sr 421.552	0.400393b	mg/L	0.005780	1.4	662388	0.400393 mg/L	Y 371.029
Ti 334.941	0.001651b	mg/L	0.000746	45.2	541.768	0.001651 mg/L	Y 371.029
Ti 336.122	0.001838b	mg/L	0.000723	39.3	190.616	0.001838 mg/L	Y 371.029
Ti 337.280	0.001191b	mg/L	0.000675	56.7	72.6181	0.001191 mg/L	Y 371.029
Tl 190.794	0.009706b	mg/L	0.001707	17.6	2.73880	0.009706 mg/L	Y 371.029
Tl 190.807	0.014097uvb	mg/L	0.006230	44.2	1.60747	0.014097 mg/L	Y 371.029
Tl 351.923	0.009481b	mg/L	0.008003	84.4	40.1653	0.009481 mg/L	Y 371.029
V 268.796	0.028399b	mg/L	0.000331	1.2	372.536	0.028399 mg/L	Y 371.029
V 292.401	0.031521b	mg/L	0.000127	0.4	1056.62	0.031521 mg/L	Y 371.029
V 311.837	0.030327b	mg/L	0.000290	1.0	1343.22	0.030327 mg/L	Y 371.029
Zn 202.548	-0.008732b	mg/L	0.001008	11.5	787.157	-0.008732 mg/L	Y 371.029
Zn 206.200	-0.009924b	mg/L	0.000368	3.7	245.418	-0.009924 mg/L	Y 371.029
Zn 213.857	-0.008033b	mg/L	0.000921	11.5	1328.91	-0.008033 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17718	9439.51	150.440	1.6
Y 371.029	0.898386	148150	2448.729	1.7

1114154-DUP1 (Samp) **4/1/2011, 1:38:16 PM** **Rack 1, Tube 14**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.004910b	mg/L	0.000087	1.8	703.697	-0.004910 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001574	34.0	-0.356326	uncal mg/L	Y 371.029
Al 237.312	0.171276b	mg/L	0.006431	3.8	301.774	0.171276 mg/L	Y 371.029
Al 257.509	0.207541b	mg/L	0.004508	2.2	134.613	0.207541 mg/L	Y 371.029
Al 308.215	0.213732b	mg/L	0.002023	0.9	2245.57	0.213732 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.004898	33.5	7.64066	uncal mg/L	Y 371.029
As 193.696	-0.003866uvb	mg/L	0.001885	48.8	5.37015	-0.003866 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010918	32.5	14.6475	uncal mg/L	Y 371.029
B 182.577	0.088075b	mg/L	0.001584	1.8	53.7430	0.088075 mg/L	Y 371.029
B 249.678	0.061132b	mg/L	0.001922	3.1	720.467	0.061132 mg/L	Y 371.029
B 249.772	0.064292b	mg/L	0.000561	0.9	1419.97	0.064292 mg/L	Y 371.029
Ba 233.527	0.058276b	mg/L	0.000131	0.2	2820.08	0.058276 mg/L	Y 371.029
Ba 455.403	0.057526b	mg/L	0.000173	0.3	57439.0	0.057526 mg/L	Y 371.029
Ba 493.408	0.058960b	mg/L	0.000093	0.2	36794.8	0.058960 mg/L	Y 371.029
Be 234.861	0.000048b	mg/L	0.000007	14.8	1.57039	0.000048 mg/L	Y 371.029
Be 313.042	-0.000023uvb	mg/L	0.000004	16.0	744.531	-0.000023 mg/L	Y 371.029
Be 313.107	0.000008b	mg/L	0.000013	169.9	99.4976	0.000008 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.281138	0.9	41466384	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.163566	0.8	41264492	- mg/L	Y 371.029
Ca 430.253	169.505b	mg/L	0.685413	0.4	767167	169.505 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000224b	mg/L	0.000113	50.2	6.47055	0.000224 mg/L	Y 371.029
Cd 226.502	-0.000520uvb	mg/L	0.000048	9.2	18.4041	-0.000520 mg/L	Y 371.029
Cd 228.802	-0.000285uvb	mg/L	0.000209	73.3	19.5847	-0.000285 mg/L	Y 371.029
Co 228.615	0.001011uvb	mg/L	0.000291	28.8	8.80076	0.001011 mg/L	Y 371.029
Co 230.786	0.000801b	mg/L	0.001020	127.3	16.9893	0.000801 mg/L	Y 371.029
Co 238.892	-0.000163b	mg/L	0.000308	188.7	5.60763	-0.000163 mg/L	Y 371.029
Cr 205.560	0.007732b	mg/L	0.000460	5.9	46.1542	0.007732 mg/L	Y 371.029
Cr 206.158	0.009842b	mg/L	0.000340	3.5	20.1628	0.009842 mg/L	Y 371.029
Cr 267.716	0.008590b	mg/L	0.000134	1.6	250.460	0.008590 mg/L	Y 371.029
Cu 213.598	0.007617b	mg/L	0.000842	11.1	39.4146	0.007617 mg/L	Y 371.029
Cu 324.754	0.013240b	mg/L	0.000338	2.6	871.102	0.013240 mg/L	Y 371.029
Cu 327.395	0.007803b	mg/L	0.000439	5.6	415.060	0.007803 mg/L	Y 371.029
Fe 234.350	-0.010742b	mg/L	0.000445	4.1	110.031	-0.010742 mg/L	Y 371.029
Fe 238.204	-0.015128b	mg/L	0.000204	1.4	223.523	-0.015128 mg/L	Y 371.029
Fe 259.940	-0.012630b	mg/L	0.000086	0.7	208.227	-0.012630 mg/L	Y 371.029
Ga 287.423	0.004559b	mg/L	0.001686	37.0	22.8479	0.004559 mg/L	Y 371.029
Ga 294.363	0.007206b	mg/L	0.000916	12.7	32.7803	0.007206 mg/L	Y 371.029
Ga 417.204	0.005438uvb	mg/L	0.000423	7.8	59.7101	0.005438 mg/L	Y 371.029
K 766.491	10.6493b	mg/L	0.029104	0.3	833183	10.6493 mg/L	Y 371.029
K 769.897	10.8809b	mg/L	0.023048	0.2	658418	10.8809 mg/L	Y 371.029
Li 610.365	0.013428b	mg/L	0.000442	3.3	90.0345	0.013428 mg/L	Y 371.029
Li 670.783	0.020355b	mg/L	0.000076	0.4	158728	0.020355 mg/L	Y 371.029
Mg 279.078	0.006077b	mg/L	0.002103	34.6	23.6769	0.006077 mg/L	Y 371.029
Mg 280.270	-0.001951b	mg/L	0.000040	2.0	938.814	-0.001951 mg/L	Y 371.029
Mg 285.213	0.003274b	mg/L	0.000184	5.6	287.101	0.003274 mg/L	Y 371.029
Mn 257.610	-0.000623b	mg/L	0.000028	4.5	34.1220	-0.000623 mg/L	Y 371.029
Mn 259.372	-0.001427b	mg/L	0.000051	3.6	80.3445	-0.001427 mg/L	Y 371.029
Mn 260.568	-0.000450b	mg/L	0.000076	16.8	11.0047	-0.000450 mg/L	Y 371.029
Mo 202.032	-0.009114b	mg/L	0.001739	19.1	124.572	-0.009114 mg/L	Y 371.029
Mo 203.846	-0.008783b	mg/L	0.002395	27.3	48.2451	-0.008783 mg/L	Y 371.029
Mo 204.598	-0.006832b	mg/L	0.003585	52.5	50.4664	-0.006832 mg/L	Y 371.029
Na 568.821	21.3046b	mg/L	0.108892	0.5	6223.47	21.3046 mg/L	Y 371.029
Na 588.995	21.3005b	mg/L	0.100230	0.5	13317488	21.3005 mg/L	Y 371.029
Na 589.592	21.4968b	mg/L	0.083479	0.4	7334919	21.4968 mg/L	Y 371.029
Ni 216.555	0.000212b	mg/L	0.000174	82.1	9.45837	0.000212 mg/L	Y 371.029
Ni 221.648	-0.000000b	mg/L	0.000460	290656.9	4.15340	-0.000000 mg/L	Y 371.029
Ni 231.604	-0.001026uvb	mg/L	0.001104	107.6	11.7100	-0.001026 mg/L	Y 371.029
P 177.434	0.009123b	mg/L	0.006437	70.6	2.93788	0.009123 mg/L	Y 371.029
P 213.618	-0.004462b	mg/L	0.002831	63.5	2.70341	-0.004462 mg/L	Y 371.029
P 214.914	0.008462b	mg/L	0.002318	27.4	5.81595	0.008462 mg/L	Y 371.029
Pb 220.353	0.058923b	mg/L	0.002301	3.9	83.6827	0.058923 mg/L	Y 371.029
Pb 261.417	0.063772b	mg/L	0.015698	24.6	53.4680	0.063772 mg/L	Y 371.029
Pb 405.781	0.009713b	mg/L	0.015801	162.7	122.380	0.009713 mg/L	Y 371.029
Sb 206.834	-0.017978uvb	mg/L	0.003752	20.9	9.07820	-0.017978 mg/L	Y 371.029
Sb 231.146	-0.041209b	mg/L	0.008682	21.1	12.5489	-0.041209 mg/L	Y 371.029
Sb 259.804	-0.076085uvb	mg/L	0.007395	9.7	8.68486	-0.076085 mg/L	Y 371.029
Se 196.026	-0.009682b	mg/L	0.001874	19.4	11.3976	-0.009682 mg/L	Y 371.029
Se 203.985	0.027343uvb	mg/L	0.005765	21.1	4.61644	0.027343 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.009117	0.3	4342.58	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.014079	0.4	4807.12	uncal mg/L	Y 371.029
Si 288.158	2.92516b	mg/L	0.011392	0.4	25308.4	2.92516 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.006112b	mg/L	0.001834	30.0	3.52004	0.006112 mg/L	Y 371.029
Sn 283.998	-0.018489uvb	mg/L	0.004220	22.8	21.9019	-0.018489 mg/L	Y 371.029
Sr 216.596	0.412293b	mg/L	0.001055	0.3	3815.52	0.412293 mg/L	Y 371.029
Sr 407.771	0.399921b	mg/L	0.002926	0.7	1002558	0.399921 mg/L	Y 371.029
Sr 421.552	0.395555b	mg/L	0.000291	0.1	654469	0.395555 mg/L	Y 371.029
Ti 334.941	0.000301b	mg/L	0.000428	142.3	248.061	0.000301 mg/L	Y 371.029
Ti 336.122	0.000816b	mg/L	0.000486	59.6	96.5498	0.000816 mg/L	Y 371.029
Ti 337.280	0.000048b	mg/L	0.000407	857.2	36.5219	0.000048 mg/L	Y 371.029
Tl 190.794	0.007351uvb	mg/L	0.001233	16.8	1.82180	0.007351 mg/L	Y 371.029
Tl 190.807	0.019161b	mg/L	0.008876	46.3	2.54817	0.019161 mg/L	Y 371.029
Tl 351.923	0.011130b	mg/L	0.004708	42.3	42.7354	0.011130 mg/L	Y 371.029
V 268.796	0.027410b	mg/L	0.000527	1.9	341.202	0.027410 mg/L	Y 371.029
V 292.401	0.031130b	mg/L	0.000129	0.4	1044.03	0.031130 mg/L	Y 371.029
V 311.837	0.029844b	mg/L	0.000135	0.5	1321.78	0.029844 mg/L	Y 371.029
Zn 202.548	-0.009036b	mg/L	0.000754	8.3	783.190	-0.009036 mg/L	Y 371.029
Zn 206.200	-0.009497b	mg/L	0.000837	8.8	246.554	-0.009497 mg/L	Y 371.029
Zn 213.857	-0.008847b	mg/L	0.000268	3.0	1313.29	-0.008847 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18117	9471.54	76.187	0.8
Y 371.029	0.901237	148620	1316.570	0.9

1114154-MS1 (Samp) **4/1/2011, 1:42:12 PM** **Rack 1, Tube 15**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.383325b	mg/L	0.001307	0.3	20604.7	0.383325 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002776	0.7	1163.64	uncal mg/L	Y 371.029
Al 237.312	5.38652b	mg/L	0.014386	0.3	7028.11	5.38652 mg/L	Y 371.029
Al 257.509	5.50286b	mg/L	0.021113	0.4	3269.76	5.50286 mg/L	Y 371.029
Al 308.215	5.46577b	mg/L	0.007407	0.1	34667.3	5.46577 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.003833	0.4	417.426	uncal mg/L	Y 371.029
As 193.696	1.03915b	mg/L	0.007123	0.7	486.907	1.03915 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.035186	0.8	3369.01	uncal mg/L	Y 371.029
B 182.577	1.12688b	mg/L	0.002515	0.2	590.036	1.12688 mg/L	Y 371.029
B 249.678	1.08624b	mg/L	0.006171	0.6	10928.2	1.08624 mg/L	Y 371.029
B 249.772	1.11136b	mg/L	0.006988	0.6	21741.3	1.11136 mg/L	Y 371.029
Ba 233.527	1.09445b	mg/L	0.000896	0.1	47021.4	1.09445 mg/L	Y 371.029
Ba 455.403	1.06925b	mg/L	0.002030	0.2	952451	1.06925 mg/L	Y 371.029
Ba 493.408	1.07451b	mg/L	0.004923	0.5	599882	1.07451 mg/L	Y 371.029
Be 234.861	1.05862b	mg/L	0.002393	0.2	126434	1.05862 mg/L	Y 371.029
Be 313.042	1.04963b	mg/L	0.004068	0.4	1814047	1.04963 mg/L	Y 371.029
Be 313.107	1.05246b	mg/L	0.003314	0.3	890096	1.05246 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.318800	1.0	41500252	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.188271	0.9	41244796	- mg/L	Y 371.029
Ca 430.253	178.213b	mg/L	0.458509	0.3	806758	178.213 mg/L	Y 371.029
Cd 214.439	1.02528b	mg/L	0.017721	1.7	22238.3	1.02528 mg/L	Y 371.029
Cd 226.502	1.02936b	mg/L	0.000375	0.0	42511.9	1.02936 mg/L	Y 371.029
Cd 228.802	1.03687b	mg/L	0.005123	0.5	15860.5	1.03687 mg/L	Y 371.029
Co 228.615	1.03072b	mg/L	0.002761	0.3	9934.20	1.03072 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	1.04582b	mg/L	0.002172	0.2	6909.47	1.04582 mg/L	Y 371.029
Co 238.892	1.00536b	mg/L	0.001375	0.1	6190.97	1.00536 mg/L	Y 371.029
Cr 205.560	1.05007b	mg/L	0.003770	0.4	4533.21	1.05007 mg/L	Y 371.029
Cr 206.158	1.06044b	mg/L	0.005995	0.6	1880.56	1.06044 mg/L	Y 371.029
Cr 267.716	1.04297b	mg/L	0.000995	0.1	23999.9	1.04297 mg/L	Y 371.029
Cu 213.598	1.04407b	mg/L	0.002176	0.2	4661.53	1.04407 mg/L	Y 371.029
Cu 324.754	1.05953b	mg/L	0.007479	0.7	35197.0	1.05953 mg/L	Y 371.029
Cu 327.395	1.06983b	mg/L	0.007018	0.7	46421.0	1.06983 mg/L	Y 371.029
Fe 234.350	5.27690b	mg/L	0.004222	0.1	50468.5	5.27690 mg/L	Y 371.029
Fe 238.204	5.20217b	mg/L	0.010935	0.2	104628	5.20217 mg/L	Y 371.029
Fe 259.940	5.24125b	mg/L	0.033872	0.6	84815.3	5.24125 mg/L	Y 371.029
Ga 287.423	1.05450b	mg/L	0.004596	0.4	2634.24	1.05450 mg/L	Y 371.029
Ga 294.363	1.05416b	mg/L	0.002877	0.3	6861.17	1.05416 mg/L	Y 371.029
Ga 417.204	1.01754b	mg/L	0.002813	0.3	10198.5	1.01754 mg/L	Y 371.029
K 766.491	20.5050b	mg/L	0.135431	0.7	1601073	20.5050 mg/L	Y 371.029
K 769.897	21.7374b	mg/L	0.115763	0.5	1302044	21.7374 mg/L	Y 371.029
Li 610.365	1.02463b	mg/L	0.001826	0.2	53092.3	1.02463 mg/L	Y 371.029
Li 670.783	1.02993b	mg/L	0.003990	0.4	4188046	1.02993 mg/L	Y 371.029
Mg 279.078	10.3633b	mg/L	0.012057	0.1	19151.4	10.3633 mg/L	Y 371.029
Mg 280.270	10.2368b	mg/L	0.077593	0.8	1072337	10.2368 mg/L	Y 371.029
Mg 285.213	11.0210b	mg/L	0.024839	0.2	410161	11.0210 mg/L	Y 371.029
Mn 257.610	1.03241b	mg/L	0.004825	0.5	162819	1.03241 mg/L	Y 371.029
Mn 259.372	1.03039b	mg/L	0.004688	0.5	121550	1.03039 mg/L	Y 371.029
Mn 260.568	1.03937b	mg/L	0.001249	0.1	21125.5	1.03937 mg/L	Y 371.029
Mo 202.032	0.966700b	mg/L	0.030756	3.2	3936.07	0.966700 mg/L	Y 371.029
Mo 203.846	0.954342b	mg/L	0.030737	3.2	1641.02	0.954342 mg/L	Y 371.029
Mo 204.598	0.949850b	mg/L	0.033992	3.6	1903.62	0.949850 mg/L	Y 371.029
Na 568.821	31.6918b	mg/L	0.061875	0.2	9114.15	31.6918 mg/L	Y 371.029
Na 588.995	30.2508b	mg/L	0.046684	0.2	18767042	30.2508 mg/L	Y 371.029
Na 589.592	31.4482b	mg/L	0.022434	0.1	10686293	31.4482 mg/L	Y 371.029
Ni 216.555	1.03605b	mg/L	0.001932	0.2	6010.93	1.03605 mg/L	Y 371.029
Ni 221.648	1.02465b	mg/L	0.002413	0.2	2321.56	1.02465 mg/L	Y 371.029
Ni 231.604	1.03956b	mg/L	0.000314	0.0	3898.40	1.03956 mg/L	Y 371.029
P 177.434	1.10265b	mg/L	0.002790	0.3	194.089	1.10265 mg/L	Y 371.029
P 213.618	1.06074b	mg/L	0.015572	1.5	817.157	1.06074 mg/L	Y 371.029
P 214.914	1.06067b	mg/L	0.015380	1.4	233.280	1.06067 mg/L	Y 371.029
Pb 220.353	1.09547b	mg/L	0.003543	0.3	1419.00	1.09547 mg/L	Y 371.029
Pb 261.417	0.887615b	mg/L	0.022135	2.5	492.087	0.887615 mg/L	Y 371.029
Pb 405.781	1.03970b	mg/L	0.012617	1.2	1543.82	1.03970 mg/L	Y 371.029
Sb 206.834	1.19533b	mg/L	0.001774	0.1	759.268	1.19533 mg/L	Y 371.029
Sb 231.146	1.14555b	mg/L	0.003860	0.3	596.215	1.14555 mg/L	Y 371.029
Sb 259.804	0.827232b	mg/L	0.010783	1.3	406.647	0.827232 mg/L	Y 371.029
Se 196.026	1.00212b	mg/L	0.045101	4.5	331.832	1.00212 mg/L	Y 371.029
Se 203.985	1.06093b	mg/L	0.047115	4.4	206.314	1.06093 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.008427	0.2	5783.10	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.013378	0.3	6427.68	uncal mg/L	Y 371.029
Si 288.158	3.96318b	mg/L	0.012869	0.3	33323.9	3.96318 mg/L	Y 371.029
Sn 189.927	1.02527b	mg/L	0.006184	0.6	342.973	1.02527 mg/L	Y 371.029
Sn 283.998	1.09686b	mg/L	0.005878	0.5	2753.23	1.09686 mg/L	Y 371.029
Sr 216.596	1.48427b	mg/L	0.003780	0.3	13582.1	1.48427 mg/L	Y 371.029
Sr 407.771	1.47671b	mg/L	0.008897	0.6	3656437	1.47671 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	1.45523b	mg/L	0.005737	0.4	2378806	1.45523 mg/L	Y 371.029
Ti 334.941	1.02597b	mg/L	0.002534	0.2	223322	1.02597 mg/L	Y 371.029
Ti 336.122	1.02070b	mg/L	0.002977	0.3	94199.7	1.02070 mg/L	Y 371.029
Ti 337.280	1.03769b	mg/L	0.003825	0.4	32611.3	1.03769 mg/L	Y 371.029
Tl 190.794	1.03397b	mg/L	0.005424	0.5	410.871	1.03397 mg/L	Y 371.029
Tl 190.807	1.06360b	mg/L	0.004626	0.4	204.057	1.06360 mg/L	Y 371.029
Tl 351.923	1.05491b	mg/L	0.009789	0.9	1725.74	1.05491 mg/L	Y 371.029
V 268.796	1.13398b	mg/L	0.004278	0.4	10355.6	1.13398 mg/L	Y 371.029
V 292.401	1.06762b	mg/L	0.005358	0.5	34431.1	1.06762 mg/L	Y 371.029
V 311.837	1.07458b	mg/L	0.002729	0.3	47433.3	1.07458 mg/L	Y 371.029
Zn 202.548	1.02694b	mg/L	0.003621	0.4	11746.1	1.02694 mg/L	Y 371.029
Zn 206.200	1.02834b	mg/L	0.005478	0.5	3723.90	1.02834 mg/L	Y 371.029
Zn 213.857	1.06164b	mg/L	0.017582	1.7	20287.4	1.06164 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17233	9400.65	90.081	1.0
Y 371.029	0.899736	148373	1442.493	1.0

1114154-MSD1 (Samp) **4/1/2011, 1:46:26 PM** **Rack 1, Tube 16**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.357701b	mg/L	0.000621	0.2	19288.3	0.357701 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.004266	1.1	1086.72	uncal mg/L	Y 371.029
Al 237.312	5.30637b	mg/L	0.010999	0.2	6924.58	5.30637 mg/L	Y 371.029
Al 257.509	5.40608b	mg/L	0.003873	0.1	3212.41	5.40608 mg/L	Y 371.029
Al 308.215	5.39374b	mg/L	0.005376	0.1	34226.8	5.39374 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.002423	0.2	413.849	uncal mg/L	Y 371.029
As 193.696	1.03466b	mg/L	0.001266	0.1	484.848	1.03466 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.090203	2.0	3349.86	uncal mg/L	Y 371.029
B 182.577	1.11532b	mg/L	0.006083	0.5	584.029	1.11532 mg/L	Y 371.029
B 249.678	1.07434b	mg/L	0.009848	0.9	10808.8	1.07434 mg/L	Y 371.029
B 249.772	1.09884b	mg/L	0.012497	1.1	21497.1	1.09884 mg/L	Y 371.029
Ba 233.527	1.08003b	mg/L	0.001790	0.2	46404.9	1.08003 mg/L	Y 371.029
Ba 455.403	1.05669b	mg/L	0.003449	0.3	941312	1.05669 mg/L	Y 371.029
Ba 493.408	1.06161b	mg/L	0.007288	0.7	592717	1.06161 mg/L	Y 371.029
Be 234.861	1.04359b	mg/L	0.003461	0.3	124638	1.04359 mg/L	Y 371.029
Be 313.042	1.03603b	mg/L	0.003821	0.4	1790546	1.03603 mg/L	Y 371.029
Be 313.107	1.03946b	mg/L	0.004105	0.4	879098	1.03946 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.222341	0.7	41201168	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.156279	0.8	40950092	- mg/L	Y 371.029
Ca 430.253	176.729b	mg/L	0.568528	0.3	800047	176.729 mg/L	Y 371.029
Cd 214.439	1.01197b	mg/L	0.009182	0.9	21949.7	1.01197 mg/L	Y 371.029
Cd 226.502	1.01572b	mg/L	0.002828	0.3	41948.9	1.01572 mg/L	Y 371.029
Cd 228.802	1.02315b	mg/L	0.006928	0.7	15651.0	1.02315 mg/L	Y 371.029
Co 228.615	1.01610b	mg/L	0.008873	0.9	9793.38	1.01610 mg/L	Y 371.029
Co 230.786	1.03181b	mg/L	0.002598	0.3	6817.22	1.03181 mg/L	Y 371.029
Co 238.892	0.992640b	mg/L	0.001093	0.1	6112.73	0.992640 mg/L	Y 371.029
Cr 205.560	1.03387b	mg/L	0.002897	0.3	4463.43	1.03387 mg/L	Y 371.029
Cr 206.158	1.04529b	mg/L	0.003533	0.3	1853.73	1.04529 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	1.02973b	mg/L	0.000944	0.1	23695.4	1.02973 mg/L	Y 371.029
Cu 213.598	1.02907b	mg/L	0.009232	0.9	4595.09	1.02907 mg/L	Y 371.029
Cu 324.754	1.04608b	mg/L	0.004372	0.4	34757.5	1.04608 mg/L	Y 371.029
Cu 327.395	1.05817b	mg/L	0.004180	0.4	45915.3	1.05817 mg/L	Y 371.029
Fe 234.350	5.20807b	mg/L	0.011451	0.2	49811.0	5.20807 mg/L	Y 371.029
Fe 238.204	5.15047b	mg/L	0.025209	0.5	103585	5.15047 mg/L	Y 371.029
Fe 259.940	5.22242b	mg/L	0.110247	2.1	84503.0	5.22242 mg/L	Y 371.029
Ga 287.423	1.03936b	mg/L	0.003867	0.4	2596.69	1.03936 mg/L	Y 371.029
Ga 294.363	1.03865b	mg/L	0.000854	0.1	6760.22	1.03865 mg/L	Y 371.029
Ga 417.204	1.00460b	mg/L	0.001734	0.2	10069.5	1.00460 mg/L	Y 371.029
K 766.491	20.3004b	mg/L	0.109180	0.5	1585119	20.3004 mg/L	Y 371.029
K 769.897	21.5340b	mg/L	0.106976	0.5	1289980	21.5340 mg/L	Y 371.029
Li 610.365	1.00861b	mg/L	0.000614	0.1	52252.6	1.00861 mg/L	Y 371.029
Li 670.783	1.02082b	mg/L	0.003358	0.3	4151635	1.02082 mg/L	Y 371.029
Mg 279.078	10.2087b	mg/L	0.018514	0.2	18865.9	10.2087 mg/L	Y 371.029
Mg 280.270	10.1156b	mg/L	0.030992	0.3	1059649	10.1156 mg/L	Y 371.029
Mg 285.213	10.7974b	mg/L	0.031531	0.3	401845	10.7974 mg/L	Y 371.029
Mn 257.610	1.01192b	mg/L	0.005400	0.5	159600	1.01192 mg/L	Y 371.029
Mn 259.372	1.01075b	mg/L	0.004425	0.4	119273	1.01075 mg/L	Y 371.029
Mn 260.568	1.02861b	mg/L	0.009911	1.0	20906.3	1.02861 mg/L	Y 371.029
Mo 202.032	0.990947b	mg/L	0.031127	3.1	4028.02	0.990947 mg/L	Y 371.029
Mo 203.846	0.980160b	mg/L	0.032233	3.3	1682.47	0.980160 mg/L	Y 371.029
Mo 204.598	0.970092b	mg/L	0.032029	3.3	1941.46	0.970092 mg/L	Y 371.029
Na 568.821	31.0603b	mg/L	0.056614	0.2	8938.21	31.0603 mg/L	Y 371.029
Na 588.995	29.9289b	mg/L	0.227205	0.8	18571018	29.9289 mg/L	Y 371.029
Na 589.592	31.1102b	mg/L	0.236905	0.8	10572477	31.1102 mg/L	Y 371.029
Ni 216.555	1.02111b	mg/L	0.001221	0.1	5924.39	1.02111 mg/L	Y 371.029
Ni 221.648	1.01380b	mg/L	0.001091	0.1	2296.97	1.01380 mg/L	Y 371.029
Ni 231.604	1.02619b	mg/L	0.003750	0.4	3848.43	1.02619 mg/L	Y 371.029
P 177.434	1.07839b	mg/L	0.010430	1.0	189.860	1.07839 mg/L	Y 371.029
P 213.618	1.05418b	mg/L	0.013858	1.3	811.859	1.05418 mg/L	Y 371.029
P 214.914	1.06096b	mg/L	0.013983	1.3	233.213	1.06096 mg/L	Y 371.029
Pb 220.353	1.08015b	mg/L	0.004786	0.4	1399.24	1.08015 mg/L	Y 371.029
Pb 261.417	0.868863b	mg/L	0.011035	1.3	482.044	0.868863 mg/L	Y 371.029
Pb 405.781	1.02773b	mg/L	0.006866	0.7	1526.75	1.02773 mg/L	Y 371.029
Sb 206.834	1.17906b	mg/L	0.005857	0.5	749.101	1.17906 mg/L	Y 371.029
Sb 231.146	1.13453b	mg/L	0.009294	0.8	590.585	1.13453 mg/L	Y 371.029
Sb 259.804	0.844611b	mg/L	0.013791	1.6	413.680	0.844611 mg/L	Y 371.029
Se 196.026	1.00066b	mg/L	0.042864	4.3	331.319	1.00066 mg/L	Y 371.029
Se 203.985	1.07108b	mg/L	0.035828	3.3	207.811	1.07108 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.011471	0.3	5736.11	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.006770	0.2	6368.51	uncal mg/L	Y 371.029
Si 288.158	3.91292b	mg/L	0.060403	1.5	32924.9	3.91292 mg/L	Y 371.029
Sn 189.927	1.01351b	mg/L	0.009762	1.0	339.064	1.01351 mg/L	Y 371.029
Sn 283.998	1.08282b	mg/L	0.008160	0.8	2716.63	1.08282 mg/L	Y 371.029
Sr 216.596	1.46594b	mg/L	0.008786	0.6	13414.7	1.46594 mg/L	Y 371.029
Sr 407.771	1.45929b	mg/L	0.003119	0.2	3613405	1.45929 mg/L	Y 371.029
Sr 421.552	1.43357b	mg/L	0.005095	0.4	2343508	1.43357 mg/L	Y 371.029
Ti 334.941	1.01854b	mg/L	0.004708	0.5	221702	1.01854 mg/L	Y 371.029
Ti 336.122	1.01329b	mg/L	0.004584	0.5	93514.9	1.01329 mg/L	Y 371.029
Ti 337.280	1.02500b	mg/L	0.003706	0.4	32212.6	1.02500 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	1.01791b	mg/L	0.010368	1.0	404.493	1.01791 mg/L	Y 371.029
Tl 190.807	1.04379b	mg/L	0.017105	1.6	200.337	1.04379 mg/L	Y 371.029
Tl 351.923	1.04170b	mg/L	0.003446	0.3	1704.35	1.04170 mg/L	Y 371.029
V 268.796	1.11933b	mg/L	0.005255	0.5	10266.1	1.11933 mg/L	Y 371.029
V 292.401	1.05790b	mg/L	0.003090	0.3	34117.5	1.05790 mg/L	Y 371.029
V 311.837	1.05991b	mg/L	0.002201	0.2	46785.7	1.05991 mg/L	Y 371.029
Zn 202.548	1.01907b	mg/L	0.007844	0.8	11660.1	1.01907 mg/L	Y 371.029
Zn 206.200	1.01175b	mg/L	0.005407	0.5	3667.93	1.01175 mg/L	Y 371.029
Zn 213.857	1.04522b	mg/L	0.008449	0.8	19994.6	1.04522 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18246	9481.86	54.186	0.6
Y 371.029	0.906271	149450	930.903	0.6

11C1255-03 (Samp) **4/1/2011, 1:50:24 PM** **Rack 1, Tube 17**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000811	mg/L	0.000442	54.6	763.333	0.004054 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000616	11.6	2.29858	uncal mg/L	Y 371.029
Al 237.312	0.040108	mg/L	0.000477	1.2	116.180	0.200538 mg/L	Y 371.029
Al 257.509	0.050324	mg/L	0.002606	5.2	45.5854	0.251621 mg/L	Y 371.029
Al 308.215	0.040464	mg/L	0.001249	3.1	1364.17	0.202318 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.010563	146.5	11.0117	uncal mg/L	Y 371.029
As 193.696	-0.000481uv	mg/L	0.004463	928.7	7.89760	-0.002403 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002378	6.4	15.3711	uncal mg/L	Y 371.029
B 182.577	0.019621	mg/L	0.002350	12.0	14.8399	0.098107 mg/L	Y 371.029
B 249.678	0.014905	mg/L	0.000964	6.5	193.086	0.074527 mg/L	Y 371.029
B 249.772	0.015363	mg/L	0.001206	7.8	386.597	0.076816 mg/L	Y 371.029
Ba 233.527	0.011611	mg/L	0.000092	0.8	719.421	0.058054 mg/L	Y 371.029
Ba 455.403	0.011577	mg/L	0.000020	0.2	14761.3	0.057883 mg/L	Y 371.029
Ba 493.408	0.011498	mg/L	0.000026	0.2	9238.92	0.057490 mg/L	Y 371.029
Be 234.861	0.000017	mg/L	0.000008	49.0	0.483632	0.000083 mg/L	Y 371.029
Be 313.042	-0.000038uv	mg/L	0.000011	28.0	760.593	-0.000191 mg/L	Y 371.029
Be 313.107	0.000034	mg/L	0.000012	34.9	110.613	0.000168 mg/L	Y 371.029
Ca 393.366	23.0914n	mg/L	0.046788	0.2	30116760	115.457 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.064076	0.3	40882800	- mg/L	Y 371.029
Ca 430.253	33.6296	mg/L	0.033949	0.1	153234	168.148 mg/L	Y 371.029
Cd 214.439	0.000121	mg/L	0.000073	60.3	4.28200	0.000603 mg/L	Y 371.029
Cd 226.502	-0.000101uv	mg/L	0.000045	45.1	23.3283	-0.000504 mg/L	Y 371.029
Cd 228.802	0.000238uv	mg/L	0.000447	187.7	28.3534	0.001191 mg/L	Y 371.029
Co 228.615	0.001088	mg/L	0.000235	21.6	16.5886	0.005440 mg/L	Y 371.029
Co 230.786	0.000493	mg/L	0.000428	86.9	13.6721	0.002465 mg/L	Y 371.029
Co 238.892	0.000196uv	mg/L	0.000390	199.0	5.50045	0.000979 mg/L	Y 371.029
Cr 205.560	0.002190	mg/L	0.000359	16.4	15.8580	0.010949 mg/L	Y 371.029
Cr 206.158	0.001485	mg/L	0.001150	77.5	5.69335	0.007424 mg/L	Y 371.029
Cr 267.716	0.002446	mg/L	0.000096	3.9	86.0819	0.012230 mg/L	Y 371.029
Cu 213.598	0.001624	mg/L	0.000438	27.0	9.01778	0.008118 mg/L	Y 371.029
Cu 324.754	0.002077	mg/L	0.000039	1.9	640.412	0.010387 mg/L	Y 371.029
Cu 327.395	0.001864	mg/L	0.000513	27.5	123.320	0.009319 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.001958	mg/L	0.001204	61.5	69.8930	0.009789 mg/L	Y 371.029
Fe 238.204	0.001470	mg/L	0.000453	30.8	154.739	0.007349 mg/L	Y 371.029
Fe 259.940	0.001879	mg/L	0.000781	41.6	149.946	0.009394 mg/L	Y 371.029
Ga 287.423	0.003632	mg/L	0.004714	129.8	18.3375	0.018160 mg/L	Y 371.029
Ga 294.363	0.003134	mg/L	0.000951	30.3	26.3128	0.015671 mg/L	Y 371.029
Ga 417.204	0.001293uv	mg/L	0.001251	96.8	67.5047	0.006464 mg/L	Y 371.029
K 766.491	2.11690	mg/L	0.004045	0.2	167425	10.5845 mg/L	Y 371.029
K 769.897	2.09492	mg/L	0.004077	0.2	136837	10.4746 mg/L	Y 371.029
Li 610.365	0.012644	mg/L	0.000245	1.9	48.9498	0.063220 mg/L	Y 371.029
Li 670.783	0.003572	mg/L	0.000014	0.4	88794.7	0.017859 mg/L	Y 371.029
Mg 279.078	0.001801	mg/L	0.000845	46.9	19.8160	0.009007 mg/L	Y 371.029
Mg 280.270	-0.000456	mg/L	0.000037	8.1	466.046	-0.002278 mg/L	Y 371.029
Mg 285.213	0.001164	mg/L	0.000227	19.5	134.645	0.005820 mg/L	Y 371.029
Mn 257.610	-0.000151	mg/L	0.000027	17.8	10.8182	-0.000757 mg/L	Y 371.029
Mn 259.372	-0.000281	mg/L	0.000071	25.1	85.3752	-0.001406 mg/L	Y 371.029
Mn 260.568	-0.000004	mg/L	0.000123	2807.2	9.08734	-0.000022 mg/L	Y 371.029
Mo 202.032	0.034631	mg/L	0.005352	15.5	204.400	0.173153 mg/L	Y 371.029
Mo 203.846	0.034116	mg/L	0.006218	18.2	79.9498	0.170578 mg/L	Y 371.029
Mo 204.598	0.034377	mg/L	0.005506	16.0	86.3581	0.171885 mg/L	Y 371.029
Na 568.821	4.23604	mg/L	0.075159	1.8	1329.94	21.1802 mg/L	Y 371.029
Na 588.995	4.66967	mg/L	0.013697	0.3	3183875	23.3484 mg/L	Y 371.029
Na 589.592	4.34157	mg/L	0.012163	0.3	1557275	21.7078 mg/L	Y 371.029
Ni 216.555	-0.000245uv	mg/L	0.000034	13.8	3.65408	-0.001227 mg/L	Y 371.029
Ni 221.648	-0.000756uv	mg/L	0.000295	39.1	1.56062	-0.003779 mg/L	Y 371.029
Ni 231.604	-0.000125uv	mg/L	0.000340	272.2	10.2135	-0.000625 mg/L	Y 371.029
P 177.434	0.006625uv	mg/L	0.008631	130.3	2.82827	0.033125 mg/L	Y 371.029
P 213.618	-0.000763uv	mg/L	0.002022	264.9	0.722958	-0.003817 mg/L	Y 371.029
P 214.914	0.006376	mg/L	0.010208	160.1	4.67910	0.031879 mg/L	Y 371.029
Pb 220.353	0.013574	mg/L	0.002236	16.5	22.9774	0.067869 mg/L	Y 371.029
Pb 261.417	0.026456	mg/L	0.004716	17.8	33.2500	0.132281 mg/L	Y 371.029
Pb 405.781	-0.007176uv	mg/L	0.005077	70.7	42.8375	-0.035882 mg/L	Y 371.029
Sb 206.834	-0.001514	mg/L	0.001279	84.5	9.90320	-0.007571 mg/L	Y 371.029
Sb 231.146	0.008545	mg/L	0.004458	52.2	12.8848	0.042727 mg/L	Y 371.029
Sb 259.804	-0.006199	mg/L	0.011690	188.6	9.81957	-0.030997 mg/L	Y 371.029
Se 196.026	0.005553	mg/L	0.002738	49.3	11.6360	0.027764 mg/L	Y 371.029
Se 203.985	0.029164	mg/L	0.004158	14.3	7.94742	0.145821 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.004465	0.7	954.599	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.003741	0.6	1047.83	uncal mg/L	Y 371.029
Si 288.158	0.580493	mg/L	0.003484	0.6	6090.88	2.90246 mg/L	Y 371.029
Sn 189.927	0.006331	mg/L	0.002374	37.5	4.53241	0.031657 mg/L	Y 371.029
Sn 283.998	0.001271	mg/L	0.004231	332.9	27.9099	0.006356 mg/L	Y 371.029
Sr 216.596	0.081297	mg/L	0.000403	0.5	766.851	0.406485 mg/L	Y 371.029
Sr 407.771	0.080238	mg/L	0.000550	0.7	205393	0.401190 mg/L	Y 371.029
Sr 421.552	0.079350	mg/L	0.000644	0.8	133824	0.396750 mg/L	Y 371.029
Ti 334.941	0.002941	mg/L	0.000703	23.9	744.385	0.014707 mg/L	Y 371.029
Ti 336.122	0.002018	mg/L	0.000434	21.5	224.568	0.010088 mg/L	Y 371.029
Ti 337.280	0.002462	mg/L	0.000319	12.9	81.2260	0.012308 mg/L	Y 371.029
Tl 190.794	0.004698	mg/L	0.001610	34.3	2.92752	0.023491 mg/L	Y 371.029
Tl 190.807	0.007822	mg/L	0.001632	20.9	1.83943	0.039110 mg/L	Y 371.029
Tl 351.923	0.009251	mg/L	0.002758	29.8	28.8557	0.046256 mg/L	Y 371.029
V 268.796	0.004496	mg/L	0.001437	32.0	156.569	0.022481 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.006109	mg/L	0.000178	2.9	233.751	0.030543 mg/L	Y 371.029
V 311.837	0.006062	mg/L	0.000180	3.0	258.751	0.030311 mg/L	Y 371.029
Zn 202.548	-0.000330	mg/L	0.000177	53.7	754.332	-0.001648 mg/L	Y 371.029
Zn 206.200	-0.000435	mg/L	0.000540	124.2	237.753	-0.002176 mg/L	Y 371.029
Zn 213.857	-0.000728	mg/L	0.000172	23.7	1258.11	-0.003639 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.15838	9288.78	39.828	0.4
Y 371.029	0.882457	145523	540.923	0.4

1114154-DUP1 (Samp) **4/1/2011, 1:54:15 PM** **Rack 1, Tube 18**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000250	mg/L	0.000520	208.0	734.156	0.001250 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000713	24.6	-4.73122	uncal mg/L	Y 371.029
Al 237.312	0.040195	mg/L	0.006150	15.3	116.258	0.200973 mg/L	Y 371.029
Al 257.509	0.031891	mg/L	0.004967	15.6	34.6939	0.159453 mg/L	Y 371.029
Al 308.215	0.038909	mg/L	0.003680	9.5	1353.49	0.194545 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.002251	10.8	5.77359	uncal mg/L	Y 371.029
As 193.696	-0.004446uv	mg/L	0.003195	71.9	6.06955	-0.022230 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.017932	47.5	14.7025	uncal mg/L	Y 371.029
B 182.577	0.018908	mg/L	0.000646	3.4	14.4695	0.094541 mg/L	Y 371.029
B 249.678	0.012859	mg/L	0.000217	1.7	172.740	0.064297 mg/L	Y 371.029
B 249.772	0.013351	mg/L	0.000251	1.9	347.617	0.066754 mg/L	Y 371.029
Ba 233.527	0.011551	mg/L	0.000069	0.6	716.732	0.057756 mg/L	Y 371.029
Ba 455.403	0.011490	mg/L	0.000037	0.3	14682.4	0.057451 mg/L	Y 371.029
Ba 493.408	0.011436	mg/L	0.000035	0.3	9202.92	0.057178 mg/L	Y 371.029
Be 234.861	0.000001uv	mg/L	0.000025	4154.9	-1.40380	0.000003 mg/L	Y 371.029
Be 313.042	-0.000047uv	mg/L	0.000010	20.6	746.256	-0.000237 mg/L	Y 371.029
Be 313.107	0.000012	mg/L	0.000012	92.7	92.7526	0.000062 mg/L	Y 371.029
Ca 393.366	22.8936n	mg/L	0.058475	0.3	29858914	114.468 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.181279	0.9	40644240	- mg/L	Y 371.029
Ca 430.253	33.5473	mg/L	0.083616	0.2	152863	167.736 mg/L	Y 371.029
Cd 214.439	0.000068uv	mg/L	0.000079	116.5	3.13400	0.000338 mg/L	Y 371.029
Cd 226.502	-0.000084uv	mg/L	0.000106	125.6	23.9931	-0.000421 mg/L	Y 371.029
Cd 228.802	-0.000124uv	mg/L	0.000312	251.9	22.8096	-0.000619 mg/L	Y 371.029
Co 228.615	0.000547	mg/L	0.000227	41.5	11.4286	0.002737 mg/L	Y 371.029
Co 230.786	0.000671	mg/L	0.000215	32.1	14.8055	0.003354 mg/L	Y 371.029
Co 238.892	-0.000098uv	mg/L	0.000116	118.7	3.69264	-0.000490 mg/L	Y 371.029
Cr 205.560	0.001473	mg/L	0.000452	30.7	12.7565	0.007363 mg/L	Y 371.029
Cr 206.158	0.002313	mg/L	0.000342	14.8	7.15774	0.011567 mg/L	Y 371.029
Cr 267.716	0.002234	mg/L	0.000296	13.2	81.1954	0.011169 mg/L	Y 371.029
Cu 213.598	0.002249	mg/L	0.000524	23.3	11.4551	0.011244 mg/L	Y 371.029
Cu 324.754	0.002093	mg/L	0.000517	24.7	640.952	0.010464 mg/L	Y 371.029
Cu 327.395	0.001671	mg/L	0.000228	13.7	114.997	0.008356 mg/L	Y 371.029
Fe 234.350	-0.001193	mg/L	0.000594	49.8	40.0205	-0.005965 mg/L	Y 371.029
Fe 238.204	-0.001943	mg/L	0.000275	14.1	86.1477	-0.009717 mg/L	Y 371.029
Fe 259.940	-0.001261	mg/L	0.000250	19.8	99.1161	-0.006307 mg/L	Y 371.029
Ga 287.423	0.001346uv	mg/L	0.002280	169.5	12.9217	0.006728 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.004188	mg/L	0.001688	40.3	33.1496	0.020940 mg/L	Y 371.029
Ga 417.204	0.001514uv	mg/L	0.001167	77.1	69.1237	0.007571 mg/L	Y 371.029
K 766.491	2.11724	mg/L	0.006046	0.3	167449	10.5862 mg/L	Y 371.029
K 769.897	2.09518	mg/L	0.008281	0.4	136849	10.4759 mg/L	Y 371.029
Li 610.365	0.012599	mg/L	0.000390	3.1	46.5876	0.062995 mg/L	Y 371.029
Li 670.783	0.003575	mg/L	0.000072	2.0	88804.1	0.017876 mg/L	Y 371.029
Mg 279.078	0.001918uv	mg/L	0.001982	103.4	20.0635	0.009588 mg/L	Y 371.029
Mg 280.270	-0.000624	mg/L	0.000021	3.4	447.555	-0.003120 mg/L	Y 371.029
Mg 285.213	0.001019	mg/L	0.000131	12.8	129.133	0.005094 mg/L	Y 371.029
Mn 257.610	-0.000169	mg/L	0.000006	3.4	8.02659	-0.000844 mg/L	Y 371.029
Mn 259.372	-0.000363	mg/L	0.000046	12.7	58.2127	-0.001814 mg/L	Y 371.029
Mn 260.568	0.000116	mg/L	0.000046	39.7	11.5258	0.000578 mg/L	Y 371.029
Mo 202.032	0.007417	mg/L	0.004166	56.2	98.8980	0.037084 mg/L	Y 371.029
Mo 203.846	0.008244	mg/L	0.003007	36.5	37.5115	0.041222 mg/L	Y 371.029
Mo 204.598	0.009328	mg/L	0.002689	28.8	38.2441	0.046641 mg/L	Y 371.029
Na 568.821	4.23764	mg/L	0.116722	2.8	1330.00	21.1882 mg/L	Y 371.029
Na 588.995	4.66162	mg/L	0.024053	0.5	3178940	23.3081 mg/L	Y 371.029
Na 589.592	4.33598	mg/L	0.019220	0.4	1555375	21.6799 mg/L	Y 371.029
Ni 216.555	0.000214uv	mg/L	0.000873	407.9	6.29283	0.001070 mg/L	Y 371.029
Ni 221.648	0.000356uv	mg/L	0.001160	325.8	4.05212	0.001780 mg/L	Y 371.029
Ni 231.604	-0.001645uv	mg/L	0.000411	25.0	4.55005	-0.008226 mg/L	Y 371.029
P 177.434	-0.002459uv	mg/L	0.001320	53.7	1.25016	-0.012293 mg/L	Y 371.029
P 213.618	0.003136	mg/L	0.000867	27.7	3.57645	0.015680 mg/L	Y 371.029
P 214.914	-0.008142uv	mg/L	0.005744	70.5	1.68284	-0.040712 mg/L	Y 371.029
Pb 220.353	0.011706	mg/L	0.000385	3.3	20.5680	0.058528 mg/L	Y 371.029
Pb 261.417	0.028497	mg/L	0.007410	26.0	34.3400	0.142484 mg/L	Y 371.029
Pb 405.781	0.006314	mg/L	0.009559	151.4	61.0786	0.031572 mg/L	Y 371.029
Sb 206.834	-0.000485	mg/L	0.002347	484.4	10.5194	-0.002423 mg/L	Y 371.029
Sb 231.146	0.008987	mg/L	0.001922	21.4	13.0353	0.044934 mg/L	Y 371.029
Sb 259.804	-0.006971	mg/L	0.002865	41.1	9.45618	-0.034854 mg/L	Y 371.029
Se 196.026	-0.003270uv	mg/L	0.004562	139.5	8.84120	-0.016349 mg/L	Y 371.029
Se 203.985	-0.000280uv	mg/L	0.007004	2505.6	2.81772	-0.001398 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.002778	0.4	944.575	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.001692	0.3	1042.06	uncal mg/L	Y 371.029
Si 288.158	0.580960	mg/L	0.000538	0.1	6093.18	2.90480 mg/L	Y 371.029
Sn 189.927	0.005735	mg/L	0.001951	34.0	4.33546	0.028675 mg/L	Y 371.029
Sn 283.998	0.006415	mg/L	0.008045	125.4	35.9639	0.032075 mg/L	Y 371.029
Sr 216.596	0.080842	mg/L	0.000247	0.3	762.654	0.404208 mg/L	Y 371.029
Sr 407.771	0.080010	mg/L	0.000440	0.5	204820	0.400052 mg/L	Y 371.029
Sr 421.552	0.078921	mg/L	0.000319	0.4	133118	0.394603 mg/L	Y 371.029
Ti 334.941	0.001236	mg/L	0.000297	24.0	374.183	0.006180 mg/L	Y 371.029
Ti 336.122	0.000721	mg/L	0.000389	53.9	105.173	0.003607 mg/L	Y 371.029
Ti 337.280	0.001457	mg/L	0.000964	66.2	49.6569	0.007283 mg/L	Y 371.029
Tl 190.794	0.003155uv	mg/L	0.004309	136.6	2.31983	0.015774 mg/L	Y 371.029
Tl 190.807	0.006525	mg/L	0.002300	35.2	1.53635	0.032624 mg/L	Y 371.029
Tl 351.923	0.002356	mg/L	0.002772	117.7	17.7336	0.011779 mg/L	Y 371.029
V 268.796	0.003465	mg/L	0.000866	25.0	118.807	0.017326 mg/L	Y 371.029
V 292.401	0.005922	mg/L	0.000215	3.6	227.774	0.029608 mg/L	Y 371.029
V 311.837	0.005875	mg/L	0.000215	3.7	250.524	0.029377 mg/L	Y 371.029
Zn 202.548	-0.000770	mg/L	0.000261	33.9	749.640	-0.003849 mg/L	Y 371.029
Zn 206.200	-0.000784	mg/L	0.000532	67.9	236.507	-0.003920 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	-0.000929	mg/L	0.000148	16.0	1254.48	-0.004644 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.16773	9363.74	91.196	1.0
Y 371.029	0.888481	146517	1509.561	1.0

1114154-PS1 (Samp) **4/1/2011, 1:58:07 PM** **Rack 1, Tube 19**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.515173	mg/L	0.000214	0.0	27135.3	2.57587 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000835	0.2	1553.88	uncal mg/L	Y 371.029
Al 237.312	5.14254	mg/L	0.013003	0.3	6697.21	25.7127 mg/L	Y 371.029
Al 257.509	5.19273	mg/L	0.013841	0.3	3090.06	25.9636 mg/L	Y 371.029
Al 308.215	5.21897	mg/L	0.010479	0.2	33329.0	26.0949 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.009464	0.9	405.046	uncal mg/L	Y 371.029
As 193.696	1.00993	mg/L	0.002553	0.3	474.379	5.04964 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.072509	2.0	2884.40	uncal mg/L	Y 371.029
B 182.577	1.02779	mg/L	0.008053	0.8	535.377	5.13897 mg/L	Y 371.029
B 249.678	1.01477	mg/L	0.005582	0.6	10150.4	5.07383 mg/L	Y 371.029
B 249.772	1.03343	mg/L	0.003415	0.3	20147.3	5.16717 mg/L	Y 371.029
Ba 233.527	1.03012	mg/L	0.000545	0.1	44168.2	5.15058 mg/L	Y 371.029
Ba 455.403	0.996973	mg/L	0.001797	0.2	886508	4.98486 mg/L	Y 371.029
Ba 493.408	1.00369	mg/L	0.004003	0.4	559394	5.01845 mg/L	Y 371.029
Be 234.861	1.02007	mg/L	0.002964	0.3	121830	5.10033 mg/L	Y 371.029
Be 313.042	1.02789	mg/L	0.003802	0.4	1776484	5.13944 mg/L	Y 371.029
Be 313.107	1.02986	mg/L	0.004419	0.4	870984	5.14930 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.338169	1.2	36449952	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.149433	0.8	40665252	- mg/L	Y 371.029
Ca 430.253	44.5778	mg/L	0.135632	0.3	202888	222.889 mg/L	Y 371.029
Cd 214.439	1.01007	mg/L	0.020648	2.0	21908.4	5.05036 mg/L	Y 371.029
Cd 226.502	1.01759	mg/L	0.001661	0.2	42013.8	5.08795 mg/L	Y 371.029
Cd 228.802	1.01475	mg/L	0.010269	1.0	15523.4	5.07374 mg/L	Y 371.029
Co 228.615	1.01480	mg/L	0.011738	1.2	9788.05	5.07402 mg/L	Y 371.029
Co 230.786	1.02827	mg/L	0.003397	0.3	6792.80	5.14135 mg/L	Y 371.029
Co 238.892	0.989539	mg/L	0.005252	0.5	6091.35	4.94770 mg/L	Y 371.029
Cr 205.560	1.02297	mg/L	0.001892	0.2	4410.20	5.11486 mg/L	Y 371.029
Cr 206.158	1.03605	mg/L	0.008331	0.8	1837.68	5.18024 mg/L	Y 371.029
Cr 267.716	1.01640	mg/L	0.001296	0.1	23366.8	5.08199 mg/L	Y 371.029
Cu 213.598	1.03077	mg/L	0.008044	0.8	4598.33	5.15385 mg/L	Y 371.029
Cu 324.754	1.02039	mg/L	0.000754	0.1	34046.3	5.10194 mg/L	Y 371.029
Cu 327.395	1.03448	mg/L	0.000739	0.1	44856.5	5.17242 mg/L	Y 371.029
Fe 234.350	5.20260	mg/L	0.004771	0.1	49601.3	26.0130 mg/L	Y 371.029
Fe 238.204	5.15821	mg/L	0.022497	0.4	103346	25.7910 mg/L	Y 371.029
Fe 259.940	5.18677	mg/L	0.008972	0.2	83645.7	25.9339 mg/L	Y 371.029
Ga 287.423	1.02414	mg/L	0.009600	0.9	2557.98	5.12068 mg/L	Y 371.029
Ga 294.363	1.02152	mg/L	0.005227	0.5	6668.32	5.10761 mg/L	Y 371.029
Ga 417.204	0.997104	mg/L	0.001943	0.2	10037.4	4.98552 mg/L	Y 371.029
K 766.491	12.1641	mg/L	0.074469	0.6	950233	60.8206 mg/L	Y 371.029
K 769.897	12.5131	mg/L	0.069867	0.6	754502	62.5657 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.02353	mg/L	0.001865	0.2	53034.9	5.11767 mg/L	Y 371.029
Li 670.783	1.01882	mg/L	0.000715	0.1	4140680	5.09412 mg/L	Y 371.029
Mg 279.078	10.1799	mg/L	0.034433	0.3	18816.8	50.8997 mg/L	Y 371.029
Mg 280.270	10.1017	mg/L	0.049514	0.5	1057575	50.5083 mg/L	Y 371.029
Mg 285.213	10.6402	mg/L	0.159589	1.5	395925	53.2012 mg/L	Y 371.029
Mn 257.610	1.01113	mg/L	0.014807	1.5	159369	5.05565 mg/L	Y 371.029
Mn 259.372	1.00905	mg/L	0.014564	1.4	118920	5.04523 mg/L	Y 371.029
Mn 260.568	1.02161	mg/L	0.004744	0.5	20753.8	5.10804 mg/L	Y 371.029
Mo 202.032	0.992886	mg/L	0.020099	2.0	3947.21	4.96443 mg/L	Y 371.029
Mo 203.846	0.983124	mg/L	0.017400	1.8	1649.28	4.91562 mg/L	Y 371.029
Mo 204.598	0.975766	mg/L	0.017229	1.8	1909.75	4.87883 mg/L	Y 371.029
Na 568.821	14.1104	mg/L	0.063225	0.4	4081.57	70.5518 mg/L	Y 371.029
Na 588.995	14.9533	mg/L	0.027437	0.2	9444188	74.7665 mg/L	Y 371.029
Na 589.592	14.6238	mg/L	0.016952	0.1	5019864	73.1188 mg/L	Y 371.029
Ni 216.555	1.02262	mg/L	0.003282	0.3	5929.90	5.11312 mg/L	Y 371.029
Ni 221.648	1.01326	mg/L	0.004259	0.4	2294.83	5.06629 mg/L	Y 371.029
Ni 231.604	1.02220	mg/L	0.002393	0.2	3828.79	5.11100 mg/L	Y 371.029
P 177.434	1.04605	mg/L	0.008238	0.8	184.563	5.23024 mg/L	Y 371.029
P 213.618	1.02359	mg/L	0.005299	0.5	784.886	5.11797 mg/L	Y 371.029
P 214.914	1.03129	mg/L	0.020565	2.0	226.484	5.15643 mg/L	Y 371.029
Pb 220.353	1.03412	mg/L	0.003023	0.3	1337.71	5.17059 mg/L	Y 371.029
Pb 261.417	0.821000	mg/L	0.006030	0.7	456.185	4.10500 mg/L	Y 371.029
Pb 405.781	1.01886	mg/L	0.013559	1.3	1459.24	5.09431 mg/L	Y 371.029
Sb 206.834	0.754552	mg/L	0.007301	1.0	480.106	3.77276 mg/L	Y 371.029
Sb 231.146	0.766877	mg/L	0.009784	1.3	388.675	3.83438 mg/L	Y 371.029
Sb 259.804	0.512918	mg/L	0.056385	11.0	243.170	2.56459 mg/L	Y 371.029
Se 196.026	1.02006	mg/L	0.043911	4.3	332.975	5.10031 mg/L	Y 371.029
Se 203.985	1.03543	mg/L	0.053830	5.2	204.502	5.17714 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.010429	0.6	2408.19	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.017114	0.9	2696.86	uncal mg/L	Y 371.029
Si 288.158	1.63953	mg/L	0.017627	1.1	14282.8	8.19765 mg/L	Y 371.029
Sn 189.927	1.01672	mg/L	0.003424	0.3	341.017	5.08361 mg/L	Y 371.029
Sn 283.998	1.09245	mg/L	0.006102	0.6	2707.63	5.46224 mg/L	Y 371.029
Sr 216.596	1.14674	mg/L	0.010550	0.9	10474.2	5.73370 mg/L	Y 371.029
Sr 407.771	1.13524	mg/L	0.005534	0.5	2805693	5.67618 mg/L	Y 371.029
Sr 421.552	1.12007	mg/L	0.012179	1.1	1827397	5.60035 mg/L	Y 371.029
Ti 334.941	1.00574	mg/L	0.009472	0.9	218847	5.02869 mg/L	Y 371.029
Ti 336.122	1.00359	mg/L	0.009512	0.9	92637.5	5.01796 mg/L	Y 371.029
Ti 337.280	1.01488	mg/L	0.001191	0.1	31864.7	5.07439 mg/L	Y 371.029
Tl 190.794	1.02477	mg/L	0.003534	0.3	409.311	5.12383 mg/L	Y 371.029
Tl 190.807	1.05937	mg/L	0.015351	1.4	204.686	5.29684 mg/L	Y 371.029
Tl 351.923	1.02312	mg/L	0.010402	1.0	1663.78	5.11562 mg/L	Y 371.029
V 268.796	1.08725	mg/L	0.000859	0.1	9962.97	5.43625 mg/L	Y 371.029
V 292.401	1.02186	mg/L	0.005308	0.5	32952.9	5.10932 mg/L	Y 371.029
V 311.837	1.02682	mg/L	0.001692	0.2	45313.0	5.13410 mg/L	Y 371.029
Zn 202.548	1.03508	mg/L	0.003786	0.4	11710.2	5.17541 mg/L	Y 371.029
Zn 206.200	1.02738	mg/L	0.003671	0.4	3681.67	5.13688 mg/L	Y 371.029
Zn 213.857	1.03846	mg/L	0.023540	2.3	19683.2	5.19229 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17341	9409.30	74.417	0.8
Y 371.029	0.893890	147409	1427.520	1.0

SEQ-CCV2 (Samp) **4/1/2011, 2:03:03 PM** **Rack 1, Tube 20**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.101112	mg/L	0.000339	0.3	5852.79	0.101112 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000866	0.8	276.999	uncal mg/L	Y 371.029
Al 237.312	2.51834	mg/L	0.006735	0.3	3310.43	2.51834 mg/L	Y 371.029
Al 257.509	2.53679	mg/L	0.022439	0.9	1518.41	2.53679 mg/L	Y 371.029
Al 308.215	2.54640	mg/L	0.007837	0.3	16902.6	2.54640 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.008272	1.7	199.413	uncal mg/L	Y 371.029
As 193.696	0.485359	mg/L	0.004267	0.9	232.228	0.485359 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.020627	1.8	869.471	uncal mg/L	Y 371.029
B 182.577	0.487126	mg/L	0.004221	0.9	255.291	0.487126 mg/L	Y 371.029
B 249.678	0.487485	mg/L	0.005987	1.2	4880.46	0.487485 mg/L	Y 371.029
B 249.772	0.485154	mg/L	0.005412	1.1	9448.89	0.485154 mg/L	Y 371.029
Ba 233.527	0.502906	mg/L	0.001201	0.2	21650.2	0.502906 mg/L	Y 371.029
Ba 455.403	0.502247	mg/L	0.000706	0.1	448330	0.502247 mg/L	Y 371.029
Ba 493.408	0.502424	mg/L	0.000473	0.1	281132	0.502424 mg/L	Y 371.029
Be 234.861	0.498215	mg/L	0.001710	0.3	59517.3	0.498215 mg/L	Y 371.029
Be 313.042	0.495506	mg/L	0.001630	0.3	856811	0.495506 mg/L	Y 371.029
Be 313.107	0.496272	mg/L	0.001849	0.4	419754	0.496272 mg/L	Y 371.029
Ca 393.366	4.60758n	mg/L	0.014299	0.3	6027294	4.60758 mg/L	Y 371.029
Ca 396.847	4.61016	mg/L	0.011119	0.2	9506437	4.61016 mg/L	Y 371.029
Ca 430.253	5.23274	mg/L	0.014540	0.3	25010.5	5.23274 mg/L	Y 371.029
Cd 214.439	0.252471	mg/L	0.002347	0.9	5477.32	0.252471 mg/L	Y 371.029
Cd 226.502	0.252712	mg/L	0.000626	0.2	10451.6	0.252712 mg/L	Y 371.029
Cd 228.802	0.253421	mg/L	0.002605	1.0	3896.18	0.253421 mg/L	Y 371.029
Co 228.615	0.507312	mg/L	0.005938	1.2	4892.58	0.507312 mg/L	Y 371.029
Co 230.786	0.508959	mg/L	0.006233	1.2	3366.24	0.508959 mg/L	Y 371.029
Co 238.892	0.506036	mg/L	0.000777	0.2	3135.86	0.506036 mg/L	Y 371.029
Cr 205.560	0.506158	mg/L	0.004902	1.0	2182.31	0.506158 mg/L	Y 371.029
Cr 206.158	0.500794	mg/L	0.004369	0.9	889.257	0.500794 mg/L	Y 371.029
Cr 267.716	0.501752	mg/L	0.001949	0.4	11536.8	0.501752 mg/L	Y 371.029
Cu 213.598	0.514612	mg/L	0.003736	0.7	2296.55	0.514612 mg/L	Y 371.029
Cu 324.754	0.504443	mg/L	0.000998	0.2	17140.9	0.504443 mg/L	Y 371.029
Cu 327.395	0.501822	mg/L	0.001375	0.3	21750.4	0.501822 mg/L	Y 371.029
Fe 234.350	0.507483	mg/L	0.001652	0.3	5108.10	0.507483 mg/L	Y 371.029
Fe 238.204	0.504595	mg/L	0.002312	0.5	10443.7	0.504595 mg/L	Y 371.029
Fe 259.940	0.502455	mg/L	0.000591	0.1	8362.13	0.502455 mg/L	Y 371.029
Ga 287.423	0.512079	mg/L	0.002272	0.4	1240.81	0.512079 mg/L	Y 371.029
Ga 294.363	0.502057	mg/L	0.001345	0.3	3284.18	0.502057 mg/L	Y 371.029
Ga 417.204	0.504416	mg/L	0.001205	0.2	5101.29	0.504416 mg/L	Y 371.029
K 766.491	5.19436	mg/L	0.020887	0.4	406978	5.19436 mg/L	Y 371.029
K 769.897	5.20404	mg/L	0.019533	0.4	321072	5.20404 mg/L	Y 371.029
Li 610.365	1.02247	mg/L	0.004039	0.4	52979.2	1.02247 mg/L	Y 371.029
Li 670.783	1.01307	mg/L	0.001278	0.1	4114562	1.01307 mg/L	Y 371.029
Mg 279.078	5.04629	mg/L	0.011223	0.2	9335.30	5.04629 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	5.20241	mg/L	0.008020	0.2	544747	5.20241 mg/L	Y 371.029
Mg 285.213	5.18410	mg/L	0.043377	0.8	192932	5.18410 mg/L	Y 371.029
Mn 257.610	0.498705	mg/L	0.002282	0.5	78575.8	0.498705 mg/L	Y 371.029
Mn 259.372	0.499412	mg/L	0.001541	0.3	58801.7	0.499412 mg/L	Y 371.029
Mn 260.568	0.502599	mg/L	0.001591	0.3	10209.0	0.502599 mg/L	Y 371.029
Mo 202.032	1.01973	mg/L	0.017535	1.7	4018.59	1.01973 mg/L	Y 371.029
Mo 203.846	1.00777	mg/L	0.020945	2.1	1675.02	1.00777 mg/L	Y 371.029
Mo 204.598	1.00116	mg/L	0.024759	2.5	1941.69	1.00116 mg/L	Y 371.029
Na 568.821	5.13103	mg/L	0.068888	1.3	1549.07	5.13103 mg/L	Y 371.029
Na 588.995	5.43203	mg/L	0.080664	1.5	3646425	5.43203 mg/L	Y 371.029
Na 589.592	5.25102	mg/L	0.034632	0.7	1863565	5.25102 mg/L	Y 371.029
Ni 216.555	1.01606	mg/L	0.002336	0.2	5862.72	1.01606 mg/L	Y 371.029
Ni 221.648	1.00790	mg/L	0.000661	0.1	2272.20	1.00790 mg/L	Y 371.029
Ni 231.604	1.01671	mg/L	0.010939	1.1	3789.23	1.01671 mg/L	Y 371.029
P 177.434	0.509420	mg/L	0.004127	0.8	90.7829	0.509420 mg/L	Y 371.029
P 213.618	0.503336	mg/L	0.007103	1.4	385.924	0.503336 mg/L	Y 371.029
P 214.914	0.501194	mg/L	0.021703	4.3	112.479	0.501194 mg/L	Y 371.029
Pb 220.353	1.01087	mg/L	0.003427	0.3	1306.94	1.01087 mg/L	Y 371.029
Pb 261.417	1.01018	mg/L	0.007555	0.7	558.525	1.01018 mg/L	Y 371.029
Pb 405.781	0.997086	mg/L	0.008220	0.8	1408.98	0.997086 mg/L	Y 371.029
Sb 206.834	0.960803	mg/L	0.014086	1.5	600.501	0.960803 mg/L	Y 371.029
Sb 231.146	0.933529	mg/L	0.012411	1.3	460.304	0.933529 mg/L	Y 371.029
Sb 259.804	0.892984	mg/L	0.024372	2.7	390.215	0.892984 mg/L	Y 371.029
Se 196.026	1.01226	mg/L	0.029323	2.9	329.075	1.01226 mg/L	Y 371.029
Se 203.985	1.04616	mg/L	0.041426	4.0	196.547	1.04616 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.003990	0.4	1468.77	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.008916	0.8	1637.16	uncal mg/L	Y 371.029
Si 288.158	0.988591	mg/L	0.006977	0.7	8962.54	0.988591 mg/L	Y 371.029
Sn 189.927	1.00729	mg/L	0.002006	0.2	337.946	1.00729 mg/L	Y 371.029
Sn 283.998	1.08788	mg/L	0.007321	0.7	2103.27	1.08788 mg/L	Y 371.029
Sr 216.596	0.506101	mg/L	0.001035	0.2	4624.43	0.506101 mg/L	Y 371.029
Sr 407.771	0.495942	mg/L	0.002573	0.5	1227763	0.495942 mg/L	Y 371.029
Sr 421.552	0.490850	mg/L	0.004719	1.0	801985	0.490850 mg/L	Y 371.029
Ti 334.941	0.493777	mg/L	0.004689	0.9	107454	0.493777 mg/L	Y 371.029
Ti 336.122	0.502557	mg/L	0.002206	0.4	46406.3	0.502557 mg/L	Y 371.029
Ti 337.280	0.502625	mg/L	0.000334	0.1	15774.4	0.502625 mg/L	Y 371.029
Tl 190.794	0.501009	mg/L	0.000973	0.2	201.113	0.501009 mg/L	Y 371.029
Tl 190.807	0.513955	mg/L	0.009541	1.9	100.904	0.513955 mg/L	Y 371.029
Tl 351.923	0.510853	mg/L	0.005299	1.0	835.333	0.510853 mg/L	Y 371.029
V 268.796	0.553133	mg/L	0.005183	0.9	5673.63	0.553133 mg/L	Y 371.029
V 292.401	0.501094	mg/L	0.001628	0.3	16163.5	0.501094 mg/L	Y 371.029
V 311.837	0.507233	mg/L	0.000544	0.1	22362.6	0.507233 mg/L	Y 371.029
Zn 202.548	0.532356	mg/L	0.001993	0.4	6360.57	0.532356 mg/L	Y 371.029
Zn 206.200	0.526568	mg/L	0.005574	1.1	1994.57	0.526568 mg/L	Y 371.029
Zn 213.857	0.525392	mg/L	0.003308	0.6	10591.1	0.525392 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17429	9416.41	30.334	0.3
Y 371.029	0.897115	147941	1018.183	0.7

SEQ-CCB2 (Samp) **4/1/2011, 2:06:57 PM** **Rack 1, Tube 21**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000821	mg/L	0.000186	22.7	706.734	0.000821 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001380	36.4	-1.95550	uncal mg/L	Y 371.029
Al 237.312	-0.001465uv	mg/L	0.005605	382.7	58.5537	-0.001465 mg/L	Y 371.029
Al 257.509	0.003998uv	mg/L	0.005794	144.9	19.2065	0.003998 mg/L	Y 371.029
Al 308.215	-0.006004uv	mg/L	0.000065	1.1	1122.51	-0.006004 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.004723	39.1	9.25800	uncal mg/L	Y 371.029
As 193.696	0.001306uv	mg/L	0.006117	468.4	8.95262	0.001306 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007322	34.3	23.4895	uncal mg/L	Y 371.029
B 182.577	0.001182uv	mg/L	0.002526	213.8	4.44619	0.001182 mg/L	Y 371.029
B 249.678	0.002116	mg/L	0.000545	25.8	49.3851	0.002116 mg/L	Y 371.029
B 249.772	0.001637	mg/L	0.000706	43.1	99.7788	0.001637 mg/L	Y 371.029
Ba 233.527	0.000003uv	mg/L	0.000072	2322.2	197.243	0.000003 mg/L	Y 371.029
Ba 455.403	-0.000102uv	mg/L	0.000009	8.6	3930.88	-0.000102 mg/L	Y 371.029
Ba 493.408	-0.000091uv	mg/L	0.000035	38.0	2508.39	-0.000091 mg/L	Y 371.029
Be 234.861	0.000008	mg/L	0.000003	36.0	0.161070	0.000008 mg/L	Y 371.029
Be 313.042	-0.000075uv	mg/L	0.000004	5.9	708.317	-0.000075 mg/L	Y 371.029
Be 313.107	-0.000000uv	mg/L	0.000016	5565.7	79.2658	-0.000000 mg/L	Y 371.029
Ca 393.366	-0.000083nuv	mg/L	0.000018	22.3	16084.5	-0.000083 mg/L	Y 371.029
Ca 396.847	-0.000111uv	mg/L	0.000005	4.1	24768.8	-0.000111 mg/L	Y 371.029
Ca 430.253	-0.008880uv	mg/L	0.007502	84.5	1245.90	-0.008880 mg/L	Y 371.029
Cd 214.439	0.000194	mg/L	0.000036	18.7	5.88246	0.000194 mg/L	Y 371.029
Cd 226.502	-0.000045uv	mg/L	0.000036	81.1	22.6040	-0.000045 mg/L	Y 371.029
Cd 228.802	-0.000113uv	mg/L	0.000221	196.0	23.1779	-0.000113 mg/L	Y 371.029
Co 228.615	0.000221	mg/L	0.000188	85.1	9.92733	0.000221 mg/L	Y 371.029
Co 230.786	0.000661	mg/L	0.000252	38.2	14.4013	0.000661 mg/L	Y 371.029
Co 238.892	0.000498	mg/L	0.000168	33.8	6.83069	0.000498 mg/L	Y 371.029
Cr 205.560	0.000412	mg/L	0.000300	72.8	6.60628	0.000412 mg/L	Y 371.029
Cr 206.158	0.000789	mg/L	0.000476	60.4	4.52984	0.000789 mg/L	Y 371.029
Cr 267.716	0.000523	mg/L	0.000061	11.7	36.1693	0.000523 mg/L	Y 371.029
Cu 213.598	0.000493	mg/L	0.000166	33.6	2.87930	0.000493 mg/L	Y 371.029
Cu 324.754	-0.001002uv	mg/L	0.000633	63.2	572.306	-0.001002 mg/L	Y 371.029
Cu 327.395	0.000013uv	mg/L	0.000286	2268.4	34.7521	0.000013 mg/L	Y 371.029
Fe 234.350	0.001653	mg/L	0.000044	2.6	27.6687	0.001653 mg/L	Y 371.029
Fe 238.204	0.000636	mg/L	0.000217	34.0	40.0716	0.000636 mg/L	Y 371.029
Fe 259.940	0.000427	mg/L	0.000106	24.8	55.1905	0.000427 mg/L	Y 371.029
Ga 287.423	0.003968	mg/L	0.004113	103.6	18.5143	0.003968 mg/L	Y 371.029
Ga 294.363	0.002031	mg/L	0.000508	25.0	24.0782	0.002031 mg/L	Y 371.029
Ga 417.204	0.001135	mg/L	0.000604	53.2	76.8654	0.001135 mg/L	Y 371.029
K 766.491	-0.000798uv	mg/L	0.000539	67.6	2191.58	-0.000798 mg/L	Y 371.029
K 769.897	-0.002339uv	mg/L	0.000532	22.7	12327.8	-0.002339 mg/L	Y 371.029
Li 610.365	0.011967	mg/L	0.000211	1.8	13.4740	0.011967 mg/L	Y 371.029
Li 670.783	-0.001151uv	mg/L	0.000034	3.0	69234.8	-0.001151 mg/L	Y 371.029
Mg 279.078	-0.002141uv	mg/L	0.000846	39.5	13.5319	-0.002141 mg/L	Y 371.029
Mg 280.270	-0.000349uv	mg/L	0.000006	1.7	322.913	-0.000349 mg/L	Y 371.029
Mg 285.213	0.000347	mg/L	0.000084	24.2	86.2457	0.000347 mg/L	Y 371.029
Mn 257.610	-0.000046uv	mg/L	0.000014	30.6	-0.308916	-0.000046 mg/L	Y 371.029
Mn 259.372	-0.000142	mg/L	0.000004	2.8	58.4616	-0.000142 mg/L	Y 371.029
Mn 260.568	0.000069uv	mg/L	0.000069	99.2	7.81144	0.000069 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.027598	mg/L	0.004712	17.1	155.994	0.027598 mg/L	Y 371.029
Mo 203.846	0.028074	mg/L	0.004119	14.7	60.9395	0.028074 mg/L	Y 371.029
Mo 204.598	0.029201	mg/L	0.005270	18.0	66.2599	0.029201 mg/L	Y 371.029
Na 568.821	0.433529	mg/L	0.060538	14.0	235.124	0.433529 mg/L	Y 371.029
Na 588.995	-0.206570uv	mg/L	0.001078	0.5	213735	-0.206570 mg/L	Y 371.029
Na 589.592	-0.061552uv	mg/L	0.000301	0.5	74477.8	-0.061552 mg/L	Y 371.029
Ni 216.555	-0.000098uv	mg/L	0.000258	263.3	3.70668	-0.000098 mg/L	Y 371.029
Ni 221.648	-0.000260uv	mg/L	0.000368	141.6	2.45023	-0.000260 mg/L	Y 371.029
Ni 231.604	-0.001171uv	mg/L	0.000198	16.9	5.11818	-0.001171 mg/L	Y 371.029
P 177.434	-0.000342uv	mg/L	0.003765	1099.5	1.69513	-0.000342 mg/L	Y 371.029
P 213.618	0.003238	mg/L	0.001551	47.9	2.52320	0.003238 mg/L	Y 371.029
P 214.914	-0.003553uv	mg/L	0.003566	100.3	2.45591	-0.003553 mg/L	Y 371.029
Pb 220.353	-0.000188uv	mg/L	0.000927	494.1	4.69206	-0.000188 mg/L	Y 371.029
Pb 261.417	0.010748	mg/L	0.002560	23.8	24.8307	0.010748 mg/L	Y 371.029
Pb 405.781	0.000466uv	mg/L	0.010148	2178.3	39.3623	0.000466 mg/L	Y 371.029
Sb 206.834	0.083914	mg/L	0.005159	6.1	59.9536	0.083914 mg/L	Y 371.029
Sb 231.146	0.087925	mg/L	0.004801	5.5	45.5352	0.087925 mg/L	Y 371.029
Sb 259.804	0.091907	mg/L	0.002478	2.7	44.8101	0.091907 mg/L	Y 371.029
Se 196.026	0.011642	mg/L	0.002106	18.1	12.4324	0.011642 mg/L	Y 371.029
Se 203.985	0.027099	mg/L	0.021247	78.4	8.35694	0.027099 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.003092	18.4	136.307	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.001464	796.2	146.038	uncal mg/L	Y 371.029
Si 288.158	0.022990	mg/L	0.000823	3.6	1512.29	0.022990 mg/L	Y 371.029
Sn 189.927	-0.000157uv	mg/L	0.002940	1870.1	2.60601	-0.000157 mg/L	Y 371.029
Sn 283.998	-0.007105uv	mg/L	0.006731	94.7	12.3308	-0.007105 mg/L	Y 371.029
Sr 216.596	0.000046uv	mg/L	0.000054	116.2	18.4644	0.000046 mg/L	Y 371.029
Sr 407.771	-0.000040uv	mg/L	0.000002	4.4	5261.15	-0.000040 mg/L	Y 371.029
Sr 421.552	-0.000009uv	mg/L	0.000011	122.7	3189.28	-0.000009 mg/L	Y 371.029
Ti 334.941	0.001512	mg/L	0.000346	22.9	415.017	0.001512 mg/L	Y 371.029
Ti 336.122	0.001466	mg/L	0.000233	15.9	177.926	0.001466 mg/L	Y 371.029
Ti 337.280	0.001858	mg/L	0.000379	20.4	54.6765	0.001858 mg/L	Y 371.029
Tl 190.794	0.002091uv	mg/L	0.003310	158.3	2.42277	0.002091 mg/L	Y 371.029
Tl 190.807	0.002855uv	mg/L	0.005782	202.5	1.21336	0.002855 mg/L	Y 371.029
Tl 351.923	0.001185uv	mg/L	0.002885	243.6	13.1686	0.001185 mg/L	Y 371.029
V 268.796	-0.002516	mg/L	0.000420	16.7	81.7284	-0.002516 mg/L	Y 371.029
V 292.401	0.000047uv	mg/L	0.000279	593.4	37.3951	0.000047 mg/L	Y 371.029
V 311.837	0.000589	mg/L	0.000170	28.8	13.8353	0.000589 mg/L	Y 371.029
Zn 202.548	-0.000112uv	mg/L	0.000036	32.7	727.670	-0.000112 mg/L	Y 371.029
Zn 206.200	-0.000123uv	mg/L	0.000916	744.6	229.311	-0.000123 mg/L	Y 371.029
Zn 213.857	-0.000561uv	mg/L	0.000608	108.3	1213.33	-0.000561 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.19085	9549.19	8.852	0.1
Y 371.029	0.911945	150386	83.351	0.1

11C1255-04 (Samp) **4/1/2011, 2:09:56 PM** **Rack 1, Tube 22**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000269uv	mg/L	0.000440	163.6	688.210	-0.002688 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001840	25.9	7.71585	uncal mg/L	Y 371.029
Al 237.312	0.005644	mg/L	0.005386	95.4	73.0167	0.056439 mg/L	Y 371.029
Al 257.509	-0.002011uv	mg/L	0.007629	379.3	17.7078	-0.020111 mg/L	Y 371.029
Al 308.215	0.003233uv	mg/L	0.002075	64.2	1147.03	0.032332 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.003171	20.4	7.35195	uncal mg/L	Y 371.029
As 193.696	-0.001837uv	mg/L	0.001225	66.7	7.03751	-0.018366 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.016897	65.6	20.6191	uncal mg/L	Y 371.029
B 182.577	0.026967	mg/L	0.001425	5.3	18.0266	0.269668 mg/L	Y 371.029
B 249.678	0.024926	mg/L	0.000517	2.1	284.126	0.249262 mg/L	Y 371.029
B 249.772	0.025612	mg/L	0.000070	0.3	571.661	0.256123 mg/L	Y 371.029
Ba 233.527	0.006856	mg/L	0.000081	1.2	504.673	0.068556 mg/L	Y 371.029
Ba 455.403	0.006707	mg/L	0.000012	0.2	10203.9	0.067074 mg/L	Y 371.029
Ba 493.408	0.006643	mg/L	0.000042	0.6	6413.38	0.066431 mg/L	Y 371.029
Be 234.861	-0.000004uv	mg/L	0.000012	294.7	-0.930459	-0.000041 mg/L	Y 371.029
Be 313.042	-0.000079uv	mg/L	0.000011	14.0	701.847	-0.000787 mg/L	Y 371.029
Be 313.107	-0.000001uv	mg/L	0.000012	1034.3	83.3474	-0.000011 mg/L	Y 371.029
Ca 393.366	8.60148n	mg/L	0.021078	0.2	11232428	86.0148 mg/L	Y 371.029
Ca 396.847	8.84992	mg/L	0.017930	0.2	18217382	88.4992 mg/L	Y 371.029
Ca 430.253	10.2184	mg/L	0.016943	0.2	47543.3	102.184 mg/L	Y 371.029
Cd 214.439	0.000170	mg/L	0.000047	27.5	5.27700	0.001701 mg/L	Y 371.029
Cd 226.502	-0.000075uv	mg/L	0.000166	222.4	23.0641	-0.000747 mg/L	Y 371.029
Cd 228.802	0.000021uv	mg/L	0.000474	2231.9	24.9434	0.000212 mg/L	Y 371.029
Co 228.615	0.000804	mg/L	0.000250	31.1	13.9911	0.008044 mg/L	Y 371.029
Co 230.786	0.000950	mg/L	0.000558	58.8	15.9666	0.009496 mg/L	Y 371.029
Co 238.892	0.000457	mg/L	0.000181	39.7	8.05805	0.004568 mg/L	Y 371.029
Cr 205.560	0.000251	mg/L	0.000293	116.8	6.67131	0.002510 mg/L	Y 371.029
Cr 206.158	0.000182uv	mg/L	0.000386	212.4	3.57050	0.001820 mg/L	Y 371.029
Cr 267.716	0.000418	mg/L	0.000112	26.8	37.1724	0.004181 mg/L	Y 371.029
Cu 213.598	-0.000141	mg/L	0.000361	255.8	2.16873	-0.001412 mg/L	Y 371.029
Cu 324.754	-0.000149uv	mg/L	0.000194	130.3	574.647	-0.001489 mg/L	Y 371.029
Cu 327.395	0.000421	mg/L	0.000445	105.7	65.3563	0.004208 mg/L	Y 371.029
Fe 234.350	0.008086	mg/L	0.000660	8.2	154.962	0.080862 mg/L	Y 371.029
Fe 238.204	0.007435	mg/L	0.000053	0.7	331.645	0.074346 mg/L	Y 371.029
Fe 259.940	0.005655	mg/L	0.000526	9.3	212.381	0.056551 mg/L	Y 371.029
Ga 287.423	0.001156uv	mg/L	0.003969	343.3	13.0448	0.011562 mg/L	Y 371.029
Ga 294.363	0.001799	mg/L	0.000904	50.3	22.4615	0.017991 mg/L	Y 371.029
Ga 417.204	0.001874uv	mg/L	0.002025	108.0	80.3885	0.018738 mg/L	Y 371.029
K 766.491	1.32643	mg/L	0.002720	0.2	105758	13.2643 mg/L	Y 371.029
K 769.897	1.30801	mg/L	0.001807	0.1	90245.1	13.0801 mg/L	Y 371.029
Li 610.365	0.012048	mg/L	0.000217	1.8	17.6865	0.120475 mg/L	Y 371.029
Li 670.783	-0.000902uv	mg/L	0.000019	2.1	72257.7	-0.009022 mg/L	Y 371.029
Mg 279.078	6.90836	mg/L	0.008284	0.1	12776.6	69.0836 mg/L	Y 371.029
Mg 280.270	6.88010	mg/L	0.083186	1.2	720195	68.8010 mg/L	Y 371.029
Mg 285.213	7.20015	mg/L	0.086856	1.2	267892	72.0015 mg/L	Y 371.029
Mn 257.610	0.021606	mg/L	0.000107	0.5	3370.34	0.216061 mg/L	Y 371.029
Mn 259.372	0.020573	mg/L	0.000055	0.3	2552.24	0.205726 mg/L	Y 371.029
Mn 260.568	0.020194	mg/L	0.000125	0.6	465.915	0.201937 mg/L	Y 371.029
Mo 202.032	-0.002546	mg/L	0.002672	105.0	83.1957	-0.025456 mg/L	Y 371.029
Mo 203.846	-0.002048	mg/L	0.004650	227.1	30.7031	-0.020478 mg/L	Y 371.029
Mo 204.598	-0.000220	mg/L	0.003136	1427.6	32.7685	-0.002197 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	18.8158	mg/L	0.088269	0.5	5308.82	188.158 mg/L	Y 371.029
Na 588.995	18.9640	mg/L	0.041888	0.2	11870468	189.640 mg/L	Y 371.029
Na 589.592	18.9687	mg/L	0.043222	0.2	6472819	189.687 mg/L	Y 371.029
Ni 216.555	0.000147uv	mg/L	0.000517	350.3	5.59139	0.001475 mg/L	Y 371.029
Ni 221.648	-0.000306uv	mg/L	0.000427	139.5	2.77469	-0.003060 mg/L	Y 371.029
Ni 231.604	-0.000584uv	mg/L	0.000531	90.9	9.23617	-0.005843 mg/L	Y 371.029
P 177.434	0.028580	mg/L	0.005898	20.6	6.61998	0.285800 mg/L	Y 371.029
P 213.618	0.033247	mg/L	0.002030	6.1	26.1076	0.332473 mg/L	Y 371.029
P 214.914	0.027610	mg/L	0.008485	30.7	8.90929	0.276101 mg/L	Y 371.029
Pb 220.353	0.001648	mg/L	0.001030	62.5	7.50719	0.016485 mg/L	Y 371.029
Pb 261.417	0.009717	mg/L	0.005566	57.3	25.8791	0.097167 mg/L	Y 371.029
Pb 405.781	-0.004937uv	mg/L	0.008259	167.3	41.0678	-0.049368 mg/L	Y 371.029
Sb 206.834	0.037763	mg/L	0.002604	6.9	33.4139	0.377635 mg/L	Y 371.029
Sb 231.146	0.041866	mg/L	0.006497	15.5	24.4758	0.418655 mg/L	Y 371.029
Sb 259.804	0.047855	mg/L	0.015823	33.1	27.0830	0.478554 mg/L	Y 371.029
Se 196.026	-0.004749uv	mg/L	0.006042	127.2	7.44091	-0.047487 mg/L	Y 371.029
Se 203.985	0.006397uv	mg/L	0.006438	100.6	4.19247	0.063968 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.003682	0.3	1676.09	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.004072	0.3	1854.27	uncal mg/L	Y 371.029
Si 288.158	1.14381	mg/L	0.002867	0.3	10233.3	11.4381 mg/L	Y 371.029
Sn 189.927	0.001246uv	mg/L	0.001795	144.0	3.13244	0.012464 mg/L	Y 371.029
Sn 283.998	-0.004230uv	mg/L	0.001496	35.4	19.1693	-0.042297 mg/L	Y 371.029
Sr 216.596	0.038835	mg/L	0.000415	1.1	374.069	0.388354 mg/L	Y 371.029
Sr 407.771	0.038379	mg/L	0.000137	0.4	100688	0.383788 mg/L	Y 371.029
Sr 421.552	0.038001	mg/L	0.000100	0.3	65535.7	0.380010 mg/L	Y 371.029
Ti 334.941	0.000873	mg/L	0.000320	36.6	286.523	0.008733 mg/L	Y 371.029
Ti 336.122	0.000450	mg/L	0.000152	33.9	85.4238	0.004497 mg/L	Y 371.029
Ti 337.280	0.000669	mg/L	0.000391	58.4	22.8319	0.006689 mg/L	Y 371.029
Tl 190.794	0.004713	mg/L	0.002940	62.4	3.23458	0.047129 mg/L	Y 371.029
Tl 190.807	0.004103uv	mg/L	0.006314	153.9	1.30911	0.041029 mg/L	Y 371.029
Tl 351.923	0.005588	mg/L	0.001026	18.4	19.8170	0.055879 mg/L	Y 371.029
V 268.796	-0.003805uv	mg/L	0.000611	16.1	63.6524	-0.038046 mg/L	Y 371.029
V 292.401	0.000174uv	mg/L	0.000322	185.3	43.6642	0.001739 mg/L	Y 371.029
V 311.837	0.000572	mg/L	0.000067	11.8	13.7084	0.005720 mg/L	Y 371.029
Zn 202.548	-0.004033uv	mg/L	0.000155	3.9	724.643	-0.040326 mg/L	Y 371.029
Zn 206.200	-0.002706	mg/L	0.000343	12.7	233.851	-0.027056 mg/L	Y 371.029
Zn 213.857	-0.003628	mg/L	0.000200	5.5	1228.50	-0.036282 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18527	9504.46	25.004	0.3
Y 371.029	0.904736	149197	362.640	0.2

11C1255-16 (Samp) **4/1/2011, 2:13:50 PM** **Rack 1, Tube 23**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000459	mg/L	0.000322	70.2	706.433	-0.004587 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002066	47.4	-0.369282	uncal mg/L	Y 371.029
Al 237.312	-0.003185uv	mg/L	0.003402	106.8	60.8666	-0.031854 mg/L	Y 371.029
Al 257.509	0.006537	mg/L	0.004270	65.3	20.8632	0.065367 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.006875uv	mg/L	0.002835	41.2	1148.78	0.068750 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.003368	23.7	8.08960	uncal mg/L	Y 371.029
As 193.696	-0.002778uv	mg/L	0.002511	90.4	6.65365	-0.027780 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.008426	26.5	17.3172	uncal mg/L	Y 371.029
B 182.577	0.068956	mg/L	0.001431	2.1	40.2060	0.689555 mg/L	Y 371.029
B 249.678	0.047673	mg/L	0.000546	1.1	519.026	0.476728 mg/L	Y 371.029
B 249.772	0.048410	mg/L	0.000465	1.0	1024.59	0.484095 mg/L	Y 371.029
Ba 233.527	0.002365	mg/L	0.000043	1.8	324.281	0.023651 mg/L	Y 371.029
Ba 455.403	0.002256	mg/L	0.000027	1.2	6478.13	0.022555 mg/L	Y 371.029
Ba 493.408	0.002262	mg/L	0.000018	0.8	4102.48	0.022625 mg/L	Y 371.029
Be 234.861	0.000023	mg/L	0.000002	11.0	1.22809	0.000227 mg/L	Y 371.029
Be 313.042	-0.000059uv	mg/L	0.000009	14.5	723.514	-0.000590 mg/L	Y 371.029
Be 313.107	0.000007uv	mg/L	0.000011	160.5	88.4104	0.000071 mg/L	Y 371.029
Ca 393.366	21.7108n	mg/L	0.057471	0.3	28317082	217.108 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.212157	1.1	39174532	- mg/L	Y 371.029
Ca 430.253	31.4985	mg/L	0.043694	0.1	143650	314.985 mg/L	Y 371.029
Cd 214.439	0.000107	mg/L	0.000051	47.9	4.00505	0.001067 mg/L	Y 371.029
Cd 226.502	-0.000037uv	mg/L	0.000070	188.9	26.0625	-0.000371 mg/L	Y 371.029
Cd 228.802	-0.000314uv	mg/L	0.000205	65.4	19.8567	-0.003139 mg/L	Y 371.029
Co 228.615	0.000929	mg/L	0.000476	51.2	14.8153	0.009288 mg/L	Y 371.029
Co 230.786	0.001093	mg/L	0.000318	29.1	17.3701	0.010929 mg/L	Y 371.029
Co 238.892	-0.000042	mg/L	0.000076	181.8	4.31643	-0.000417 mg/L	Y 371.029
Cr 205.560	-0.000012uv	mg/L	0.000444	3845.3	6.36646	-0.000116 mg/L	Y 371.029
Cr 206.158	-0.000414uv	mg/L	0.000385	93.0	2.44528	-0.004137 mg/L	Y 371.029
Cr 267.716	-0.000091	mg/L	0.000045	49.2	27.8930	-0.000907 mg/L	Y 371.029
Cu 213.598	0.000271	mg/L	0.000465	171.8	3.42200	0.002706 mg/L	Y 371.029
Cu 324.754	0.000288uv	mg/L	0.000215	74.6	576.093	0.002878 mg/L	Y 371.029
Cu 327.395	0.000223uv	mg/L	0.000581	260.2	53.8032	0.002234 mg/L	Y 371.029
Fe 234.350	0.019817	mg/L	0.000665	3.4	242.357	0.198168 mg/L	Y 371.029
Fe 238.204	0.019131	mg/L	0.000233	1.2	516.839	0.191306 mg/L	Y 371.029
Fe 259.940	0.019382	mg/L	0.000160	0.8	438.852	0.193815 mg/L	Y 371.029
Ga 287.423	0.001494	mg/L	0.001988	133.1	13.8809	0.014937 mg/L	Y 371.029
Ga 294.363	0.002781	mg/L	0.001016	36.5	25.0910	0.027814 mg/L	Y 371.029
Ga 417.204	0.001464uv	mg/L	0.000707	48.3	69.7424	0.014636 mg/L	Y 371.029
K 766.491	11.1274	mg/L	0.023911	0.2	869104	111.274 mg/L	Y 371.029
K 769.897	11.3951	mg/L	0.024090	0.2	687798	113.951 mg/L	Y 371.029
Li 610.365	0.012157	mg/L	0.000336	2.8	23.4076	0.121567 mg/L	Y 371.029
Li 670.783	0.005035	mg/L	0.000029	0.6	94889.3	0.050350 mg/L	Y 371.029
Mg 279.078	0.004454	mg/L	0.002260	50.7	24.5413	0.044542 mg/L	Y 371.029
Mg 280.270	0.001354	mg/L	0.000073	5.4	658.707	0.013543 mg/L	Y 371.029
Mg 285.213	0.002940	mg/L	0.000064	2.2	205.003	0.029404 mg/L	Y 371.029
Mn 257.610	-0.000066uv	mg/L	0.000020	29.7	4.11991	-0.000661 mg/L	Y 371.029
Mn 259.372	-0.000360	mg/L	0.000055	15.3	65.4597	-0.003604 mg/L	Y 371.029
Mn 260.568	-0.000000uv	mg/L	0.000177	73111.3	8.91467	-0.000002 mg/L	Y 371.029
Mo 202.032	0.000098	mg/L	0.002500	2554.7	92.0441	0.000979 mg/L	Y 371.029
Mo 203.846	0.001576	mg/L	0.002044	129.7	36.0414	0.015756 mg/L	Y 371.029
Mo 204.598	0.001616	mg/L	0.003283	203.1	34.7436	0.016162 mg/L	Y 371.029
Na 568.821	14.0239	mg/L	0.060940	0.4	4019.38	140.239 mg/L	Y 371.029
Na 588.995	14.5830	mg/L	0.029596	0.2	9210232	145.830 mg/L	Y 371.029
Na 589.592	14.2774	mg/L	0.025702	0.2	4897059	142.774 mg/L	Y 371.029
Ni 216.555	0.001038	mg/L	0.000406	39.2	10.9857	0.010376 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000702	mg/L	0.000938	133.6	4.92861	0.007019 mg/L	Y 371.029
Ni 231.604	0.000564	mg/L	0.000537	95.2	12.5551	0.005644 mg/L	Y 371.029
P 177.434	0.009376	mg/L	0.003994	42.6	3.25745	0.093760 mg/L	Y 371.029
P 213.618	0.004294	mg/L	0.001001	23.3	4.87014	0.042942 mg/L	Y 371.029
P 214.914	0.000675uv	mg/L	0.004803	711.5	3.41684	0.006750 mg/L	Y 371.029
Pb 220.353	0.000746uv	mg/L	0.002509	336.5	6.48995	0.007456 mg/L	Y 371.029
Pb 261.417	0.007776	mg/L	0.006122	78.7	24.4906	0.077758 mg/L	Y 371.029
Pb 405.781	-0.006051	mg/L	0.003698	61.1	44.7537	-0.060511 mg/L	Y 371.029
Sb 206.834	0.017323	mg/L	0.002983	17.2	21.8210	0.173226 mg/L	Y 371.029
Sb 231.146	0.011935	mg/L	0.007781	65.2	13.6789	0.119347 mg/L	Y 371.029
Sb 259.804	0.007789	mg/L	0.012395	159.1	15.0871	0.077888 mg/L	Y 371.029
Se 196.026	-0.000248uv	mg/L	0.009967	4025.0	9.65895	-0.002476 mg/L	Y 371.029
Se 203.985	0.009266uv	mg/L	0.006447	69.6	4.37958	0.092660 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.013129	0.7	2751.33	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.009438	0.4	3080.03	uncal mg/L	Y 371.029
Si 288.158	1.92876	mg/L	0.012887	0.7	16461.6	19.2876 mg/L	Y 371.029
Sn 189.927	0.002374	mg/L	0.000906	38.2	3.27698	0.023738 mg/L	Y 371.029
Sn 283.998	-0.007495uv	mg/L	0.000951	12.7	14.0242	-0.074954 mg/L	Y 371.029
Sr 216.596	0.085050	mg/L	0.000424	0.5	800.389	0.850499 mg/L	Y 371.029
Sr 407.771	0.085159	mg/L	0.000102	0.1	217393	0.851594 mg/L	Y 371.029
Sr 421.552	0.083932	mg/L	0.000513	0.6	141198	0.839323 mg/L	Y 371.029
Ti 334.941	0.000481	mg/L	0.000314	65.1	207.685	0.004813 mg/L	Y 371.029
Ti 336.122	0.000077uv	mg/L	0.000204	265.8	46.2037	0.000766 mg/L	Y 371.029
Ti 337.280	0.000667	mg/L	0.000257	38.5	25.1578	0.006670 mg/L	Y 371.029
Tl 190.794	0.002074uv	mg/L	0.001913	92.2	1.84884	0.020736 mg/L	Y 371.029
Tl 190.807	0.009493	mg/L	0.005136	54.1	2.18476	0.094930 mg/L	Y 371.029
Tl 351.923	0.003665uv	mg/L	0.006269	171.0	19.0723	0.036655 mg/L	Y 371.029
V 268.796	-0.002884	mg/L	0.000378	13.1	72.8700	-0.028844 mg/L	Y 371.029
V 292.401	0.001894	mg/L	0.000147	7.7	98.7570	0.018941 mg/L	Y 371.029
V 311.837	0.002031	mg/L	0.000034	1.7	81.2045	0.020314 mg/L	Y 371.029
Zn 202.548	-0.000895	mg/L	0.000232	26.0	757.410	-0.008950 mg/L	Y 371.029
Zn 206.200	-0.001742	mg/L	0.000887	50.9	236.231	-0.017423 mg/L	Y 371.029
Zn 213.857	-0.002205	mg/L	0.000380	17.2	1247.69	-0.022051 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21059	9707.42	98.737	1.0
Y 371.029	0.922328	152098	1299.110	0.9

11C1255-17 (Samp) **4/1/2011, 2:17:50 PM** **Rack 1, Tube 24**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000398	mg/L	0.000460	115.6	737.703	-0.003977 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001283	33.0	-1.29679	uncal mg/L	Y 371.029
Al 237.312	-0.006413uv	mg/L	0.004509	70.3	41.8993	-0.064131 mg/L	Y 371.029
Al 257.509	-0.015229uv	mg/L	0.006001	39.4	13.8773	-0.152286 mg/L	Y 371.029
Al 308.215	0.018879uv	mg/L	0.002057	10.9	1140.13	0.188791 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.000820	6.3	7.37298	uncal mg/L	Y 371.029
As 193.696	-0.007663uv	mg/L	0.004359	56.9	4.00801	-0.076629 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006387	24.8	18.1311	uncal mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.002087uv	mg/L	0.004146	198.6	5.52774	0.020871 mg/L	Y 371.029
B 249.678	-0.000128	mg/L	0.000566	443.6	53.9418	-0.001275 mg/L	Y 371.029
B 249.772	0.002573	mg/L	0.000273	10.6	657.178	0.025726 mg/L	Y 371.029
Ba 233.527	0.083921	mg/L	0.000208	0.2	3807.08	0.839210 mg/L	Y 371.029
Ba 455.403	0.082079	mg/L	0.000222	0.3	76814.0	0.820789 mg/L	Y 371.029
Ba 493.408	0.084110	mg/L	0.000319	0.4	49476.9	0.841097 mg/L	Y 371.029
Be 234.861	0.001494uv	mg/L	0.000035	2.4	-1.14706	0.014945 mg/L	Y 371.029
Be 313.042	-0.000072uv	mg/L	0.000005	7.1	698.695	-0.000718 mg/L	Y 371.029
Be 313.107	-0.000001	mg/L	0.000007	469.8	86.3758	-0.000014 mg/L	Y 371.029
Ca 393.366	6.92815n	mg/L	0.016469	0.2	9058137	69.2815 mg/L	Y 371.029
Ca 396.847	7.04243	mg/L	0.018702	0.3	14511072	70.4243 mg/L	Y 371.029
Ca 430.253	8.12124	mg/L	0.030865	0.4	38352.8	81.2124 mg/L	Y 371.029
Cd 214.439	0.000201	mg/L	0.000011	5.6	10.8485	0.002008 mg/L	Y 371.029
Cd 226.502	-0.000315	mg/L	0.000038	12.1	98.0420	-0.003151 mg/L	Y 371.029
Cd 228.802	0.000147uv	mg/L	0.000099	67.4	22.8684	0.001468 mg/L	Y 371.029
Co 228.615	-0.011373	mg/L	0.000278	2.4	27.3847	-0.113733 mg/L	Y 371.029
Co 230.786	-0.011347	mg/L	0.001036	9.1	39.9325	-0.113468 mg/L	Y 371.029
Co 238.892	0.027900uv	mg/L	0.012870	46.1	-43.3463	0.278995 mg/L	Y 371.029
Cr 205.560	-0.005110uv	mg/L	0.000455	8.9	5.73175	-0.051105 mg/L	Y 371.029
Cr 206.158	-0.005637uv	mg/L	0.000462	8.2	3.22822	-0.056369 mg/L	Y 371.029
Cr 267.716	-0.005100	mg/L	0.000127	2.5	29.4280	-0.051004 mg/L	Y 371.029
Cu 213.598	-0.008522	mg/L	0.000537	6.3	43.3768	-0.085217 mg/L	Y 371.029
Cu 324.754	-0.004770uv	mg/L	0.000186	3.9	550.276	-0.047696 mg/L	Y 371.029
Cu 327.395	-0.007833	mg/L	0.000167	2.1	43.9767	-0.078328 mg/L	Y 371.029
Fe 234.350	29.6820	mg/L	0.072582	0.2	280095	296.820 mg/L	Y 371.029
Fe 238.204	29.2891	mg/L	0.207867	0.7	582025	292.891 mg/L	Y 371.029
Fe 259.940	29.7887	mg/L	0.382893	1.3	476822	297.887 mg/L	Y 371.029
Ga 287.423	-0.103285	mg/L	0.003209	3.1	366.111	-1.03285 mg/L	Y 371.029
Ga 294.363	-0.001225	mg/L	0.000476	38.8	33.2924	-0.012247 mg/L	Y 371.029
Ga 417.204	-0.002750	mg/L	0.001306	47.5	135.821	-0.027503 mg/L	Y 371.029
K 766.491	0.701976	mg/L	0.001731	0.2	57458.6	7.01976 mg/L	Y 371.029
K 769.897	0.691839	mg/L	0.007198	1.0	54409.6	6.91839 mg/L	Y 371.029
Li 610.365	0.012025	mg/L	0.000167	1.4	16.5172	0.120252 mg/L	Y 371.029
Li 670.783	0.001261	mg/L	0.000158	12.5	84115.8	0.012613 mg/L	Y 371.029
Mg 279.078	10.7099	mg/L	0.028742	0.3	19807.5	107.099 mg/L	Y 371.029
Mg 280.270	10.5839	mg/L	0.053440	0.5	1107769	105.839 mg/L	Y 371.029
Mg 285.213	11.1913	mg/L	0.017715	0.2	416349	111.913 mg/L	Y 371.029
Mn 257.610	1.09101	mg/L	0.012765	1.2	169934	10.9101 mg/L	Y 371.029
Mn 259.372	1.07380	mg/L	0.015285	1.4	130244	10.7380 mg/L	Y 371.029
Mn 260.568	1.08705	mg/L	0.014840	1.4	22046.8	10.8705 mg/L	Y 371.029
Mo 202.032	-0.033655uv	mg/L	0.002168	6.4	46.6541	-0.336552 mg/L	Y 371.029
Mo 203.846	-0.033796	mg/L	0.001679	5.0	18.6532	-0.337959 mg/L	Y 371.029
Mo 204.598	-0.034808	mg/L	0.001588	4.6	14.3321	-0.348083 mg/L	Y 371.029
Na 568.821	62.9994	mg/L	0.215055	0.3	17463.0	629.994 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.942590	2.1	28221022	- mg/L	Y 371.029
Na 589.592	56.3610	mg/L	0.368709	0.7	19044334	563.610 mg/L	Y 371.029
Ni 216.555	-0.025910	mg/L	0.000536	2.1	20.2870	-0.259098 mg/L	Y 371.029
Ni 221.648	-0.027767uv	mg/L	0.000337	1.2	1.93205	-0.277670 mg/L	Y 371.029
Ni 231.604	-0.027289uv	mg/L	0.000079	0.3	7.69774	-0.272891 mg/L	Y 371.029
P 177.434	-0.002196uv	mg/L	0.006448	293.6	2.04560	-0.021964 mg/L	Y 371.029
P 213.618	-0.006760	mg/L	0.002168	32.1	2.91359	-0.067599 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	-0.010113	mg/L	0.007429	73.5	5.69218	-0.101127 mg/L	Y 371.029
Pb 220.353	-0.000929uv	mg/L	0.000973	104.7	4.63602	-0.009287 mg/L	Y 371.029
Pb 261.417	-0.017132uv	mg/L	0.008241	48.1	15.4223	-0.171323 mg/L	Y 371.029
Pb 405.781	-0.024928uv	mg/L	0.008370	33.6	27.9551	-0.249285 mg/L	Y 371.029
Sb 206.834	0.003285	mg/L	0.005637	171.6	16.2368	0.032854 mg/L	Y 371.029
Sb 231.146	0.017930	mg/L	0.007870	43.9	10.3401	0.179301 mg/L	Y 371.029
Sb 259.804	-0.049940	mg/L	0.047271	94.7	32.3176	-0.499400 mg/L	Y 371.029
Se 196.026	-0.009710uv	mg/L	0.003907	40.2	4.83481	-0.097100 mg/L	Y 371.029
Se 203.985	0.007862uv	mg/L	0.003757	47.8	3.45397	0.078616 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.016422	1.0	2319.39	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.015965	0.9	2576.36	uncal mg/L	Y 371.029
Si 288.158	1.61649	mg/L	0.013101	0.8	13851.4	16.1649 mg/L	Y 371.029
Sn 189.927	-0.000074	mg/L	0.001461	1978.0	3.24749	-0.000739 mg/L	Y 371.029
Sn 283.998	-0.018415uv	mg/L	0.002833	15.4	7.24704	-0.184154 mg/L	Y 371.029
Sr 216.596	0.093502	mg/L	0.000356	0.4	932.351	0.935016 mg/L	Y 371.029
Sr 407.771	0.095450	mg/L	0.000483	0.5	241208	0.954497 mg/L	Y 371.029
Sr 421.552	0.094304	mg/L	0.000455	0.5	157127	0.943037 mg/L	Y 371.029
Ti 334.941	-0.001149	mg/L	0.000128	11.1	197.857	-0.011487 mg/L	Y 371.029
Ti 336.122	-0.001404	mg/L	0.000178	12.7	60.1436	-0.014042 mg/L	Y 371.029
Ti 337.280	-0.001134	mg/L	0.000143	12.6	18.2537	-0.011338 mg/L	Y 371.029
Tl 190.794	0.000371uv	mg/L	0.003095	834.3	2.46179	0.003710 mg/L	Y 371.029
Tl 190.807	0.005958	mg/L	0.002879	48.3	1.65503	0.059583 mg/L	Y 371.029
Tl 351.923	0.009025	mg/L	0.005925	65.6	20.7337	0.090250 mg/L	Y 371.029
V 268.796	-0.011822uv	mg/L	0.000519	4.4	48.9786	-0.118217 mg/L	Y 371.029
V 292.401	-0.004839	mg/L	0.000058	1.2	58.6340	-0.048392 mg/L	Y 371.029
V 311.837	-0.004013	mg/L	0.000178	4.4	11.0866	-0.040133 mg/L	Y 371.029
Zn 202.548	-0.009543	mg/L	0.000675	7.1	735.130	-0.095430 mg/L	Y 371.029
Zn 206.200	-0.007416	mg/L	0.000506	6.8	238.559	-0.074164 mg/L	Y 371.029
Zn 213.857	-0.008427	mg/L	0.000378	4.5	1297.90	-0.084265 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17152	9394.14	196.689	2.1
Y 371.029	0.890360	146827	3240.741	2.2

11C1255-42 (Samp) **4/1/2011, 2:22:03 PM** **Rack 1, Tube 25**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000818	mg/L	0.000275	33.7	724.296	0.008182 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000703	44.8	-8.33319	uncal mg/L	Y 371.029
Al 237.312	-0.011460uv	mg/L	0.000476	4.2	43.4380	-0.114597 mg/L	Y 371.029
Al 257.509	0.016429	mg/L	0.009133	55.6	27.5997	0.164290 mg/L	Y 371.029
Al 308.215	-0.003030uv	mg/L	0.001630	53.8	1113.23	-0.030300 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.005368	25.7	5.60229	uncal mg/L	Y 371.029
As 193.696	-0.004362uv	mg/L	0.003934	90.2	6.21978	-0.043625 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.008098	20.0	13.1428	uncal mg/L	Y 371.029
B 182.577	0.008692	mg/L	0.001427	16.4	8.46001	0.086916 mg/L	Y 371.029
B 249.678	0.002804	mg/L	0.000871	31.1	61.3835	0.028040 mg/L	Y 371.029
B 249.772	0.002857	mg/L	0.000338	11.8	226.958	0.028565 mg/L	Y 371.029
Ba 233.527	0.012164	mg/L	0.000057	0.5	721.997	0.121641 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.012049	mg/L	0.000035	0.3	14721.6	0.120490 mg/L	Y 371.029
Ba 493.408	0.011949	mg/L	0.000048	0.4	9241.69	0.119494 mg/L	Y 371.029
Be 234.861	0.000344	mg/L	0.000038	11.0	6.00665	0.003443 mg/L	Y 371.029
Be 313.042	-0.000092uv	mg/L	0.000006	6.4	677.757	-0.000917 mg/L	Y 371.029
Be 313.107	0.000010uv	mg/L	0.000015	154.9	89.3098	0.000095 mg/L	Y 371.029
Ca 393.366	1.79383n	mg/L	0.000416	0.0	2356528	17.9383 mg/L	Y 371.029
Ca 396.847	1.76697	mg/L	0.001784	0.1	3658724	17.6697 mg/L	Y 371.029
Ca 430.253	1.91320	mg/L	0.010219	0.5	9997.64	19.1320 mg/L	Y 371.029
Cd 214.439	0.000096	mg/L	0.000044	46.1	4.66582	0.000956 mg/L	Y 371.029
Cd 226.502	-0.000147	mg/L	0.000022	14.9	35.0781	-0.001469 mg/L	Y 371.029
Cd 228.802	-0.000092uv	mg/L	0.000307	333.0	22.6648	-0.000922 mg/L	Y 371.029
Co 228.615	-0.001882	mg/L	0.000852	45.3	14.5213	-0.018824 mg/L	Y 371.029
Co 230.786	-0.002022	mg/L	0.001048	51.8	16.8076	-0.020224 mg/L	Y 371.029
Co 238.892	0.007135uv	mg/L	0.000540	7.6	5.70865	0.071347 mg/L	Y 371.029
Cr 205.560	-0.000574	mg/L	0.000144	25.0	6.73387	-0.005737 mg/L	Y 371.029
Cr 206.158	-0.000902uv	mg/L	0.000407	45.1	3.46624	-0.009018 mg/L	Y 371.029
Cr 267.716	-0.000554	mg/L	0.000159	28.7	35.2155	-0.005537 mg/L	Y 371.029
Cu 213.598	-0.002324	mg/L	0.000066	2.9	5.44369	-0.023242 mg/L	Y 371.029
Cu 324.754	-0.001989uv	mg/L	0.000359	18.0	559.262	-0.019889 mg/L	Y 371.029
Cu 327.395	-0.001356uv	mg/L	0.000215	15.9	42.4091	-0.013561 mg/L	Y 371.029
Fe 234.350	5.69566	mg/L	0.128323	2.3	53755.9	56.9566 mg/L	Y 371.029
Fe 238.204	5.68323	mg/L	0.097748	1.7	112954	56.8323 mg/L	Y 371.029
Fe 259.940	5.73005	mg/L	0.116868	2.0	91756.7	57.3005 mg/L	Y 371.029
Ga 287.423	-0.020007	mg/L	0.005748	28.7	77.2129	-0.200065 mg/L	Y 371.029
Ga 294.363	0.000853	mg/L	0.001535	179.8	22.0121	0.008534 mg/L	Y 371.029
Ga 417.204	-0.000306	mg/L	0.000513	167.9	81.2429	-0.003058 mg/L	Y 371.029
K 766.491	0.296345	mg/L	0.000309	0.1	25430.5	2.96345 mg/L	Y 371.029
K 769.897	0.289098	mg/L	0.002214	0.8	29764.6	2.89098 mg/L	Y 371.029
Li 610.365	0.012118	mg/L	0.000130	1.1	21.3719	0.121178 mg/L	Y 371.029
Li 670.783	-0.000369uv	mg/L	0.000049	13.2	73331.0	-0.003690 mg/L	Y 371.029
Mg 279.078	1.98025	mg/L	0.006011	0.3	3676.63	19.8025 mg/L	Y 371.029
Mg 280.270	2.02256	mg/L	0.014300	0.7	211985	20.2256 mg/L	Y 371.029
Mg 285.213	1.98590	mg/L	0.016913	0.9	73949.1	19.8590 mg/L	Y 371.029
Mn 257.610	0.294987	mg/L	0.000844	0.3	45929.0	2.94987 mg/L	Y 371.029
Mn 259.372	0.291367	mg/L	0.000976	0.3	34898.5	2.91367 mg/L	Y 371.029
Mn 260.568	0.294793	mg/L	0.002120	0.7	5973.97	2.94793 mg/L	Y 371.029
Mo 202.032	-0.006592uv	mg/L	0.001402	21.3	44.5337	-0.065922 mg/L	Y 371.029
Mo 203.846	-0.005948uv	mg/L	0.000684	11.5	14.9677	-0.059480 mg/L	Y 371.029
Mo 204.598	-0.005289uv	mg/L	0.001933	36.6	11.8195	-0.052888 mg/L	Y 371.029
Na 568.821	10.9259	mg/L	0.101475	0.9	3125.09	109.259 mg/L	Y 371.029
Na 588.995	11.5332	mg/L	0.021323	0.2	7351732	115.332 mg/L	Y 371.029
Na 589.592	11.3306	mg/L	0.178544	1.6	3904642	113.306 mg/L	Y 371.029
Ni 216.555	-0.004601	mg/L	0.000488	10.6	9.67213	-0.046012 mg/L	Y 371.029
Ni 221.648	-0.005815uv	mg/L	0.000625	10.7	1.71822	-0.058154 mg/L	Y 371.029
Ni 231.604	-0.005972uv	mg/L	0.000132	2.2	6.41475	-0.059716 mg/L	Y 371.029
P 177.434	-0.002692uv	mg/L	0.005940	220.7	1.41482	-0.026920 mg/L	Y 371.029
P 213.618	-0.001180	mg/L	0.000111	9.4	0.653527	-0.011800 mg/L	Y 371.029
P 214.914	-0.003901uv	mg/L	0.002297	58.9	3.21829	-0.039006 mg/L	Y 371.029
Pb 220.353	0.000685uv	mg/L	0.001564	228.5	5.98032	0.006846 mg/L	Y 371.029
Pb 261.417	-0.015252uv	mg/L	0.008191	53.7	11.9268	-0.152522 mg/L	Y 371.029
Pb 405.781	-0.004847uv	mg/L	0.004344	89.6	36.9364	-0.048468 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.003529	mg/L	0.000851	24.1	11.7541	0.035295 mg/L	Y 371.029
Sb 231.146	0.015618	mg/L	0.011609	74.3	10.2812	0.156180 mg/L	Y 371.029
Sb 259.804	-0.007888	mg/L	0.010137	128.5	11.3049	-0.078881 mg/L	Y 371.029
Se 196.026	-0.008874uv	mg/L	0.004774	53.8	5.83231	-0.088745 mg/L	Y 371.029
Se 203.985	0.006652	mg/L	0.003477	52.3	4.52382	0.066521 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.016570	0.9	2701.00	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.034164	1.6	3024.51	uncal mg/L	Y 371.029
Si 288.158	1.90318	mg/L	0.009265	0.5	16014.6	19.0318 mg/L	Y 371.029
Sn 189.927	0.004062	mg/L	0.000877	21.6	4.11305	0.040617 mg/L	Y 371.029
Sn 283.998	-0.002739uv	mg/L	0.002145	78.3	19.9658	-0.027385 mg/L	Y 371.029
Sr 216.596	0.010326	mg/L	0.000686	6.6	124.346	0.103256 mg/L	Y 371.029
Sr 407.771	0.010684	mg/L	0.000044	0.4	31833.5	0.106841 mg/L	Y 371.029
Sr 421.552	0.010573	mg/L	0.000064	0.6	20515.9	0.105732 mg/L	Y 371.029
Ti 334.941	0.000158	mg/L	0.000026	16.6	190.603	0.001583 mg/L	Y 371.029
Ti 336.122	-0.000033	mg/L	0.000042	126.7	67.9764	-0.000333 mg/L	Y 371.029
Ti 337.280	0.000906	mg/L	0.000059	6.5	35.8571	0.009063 mg/L	Y 371.029
Tl 190.794	0.001785	mg/L	0.001912	107.1	2.51090	0.017854 mg/L	Y 371.029
Tl 190.807	0.004821	mg/L	0.003628	75.2	1.47858	0.048208 mg/L	Y 371.029
Tl 351.923	0.006701	mg/L	0.004322	64.5	21.1786	0.067008 mg/L	Y 371.029
V 268.796	-0.003991uv	mg/L	0.001183	29.6	50.6509	-0.039914 mg/L	Y 371.029
V 292.401	-0.000986uv	mg/L	0.000235	23.9	38.3822	-0.009864 mg/L	Y 371.029
V 311.837	-0.000190	mg/L	0.000165	86.9	17.8599	-0.001900 mg/L	Y 371.029
Zn 202.548	-0.000644	mg/L	0.000240	37.2	740.761	-0.006440 mg/L	Y 371.029
Zn 206.200	0.000860	mg/L	0.000413	48.0	238.524	0.008605 mg/L	Y 371.029
Zn 213.857	-0.000472	mg/L	0.000695	147.2	1254.91	-0.004725 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.19124	9552.31	32.316	0.3
Y 371.029	0.906859	149547	416.350	0.3

11C1255-43 (Samp) **4/1/2011, 2:25:54 PM** **Rack 1, Tube 26**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001193	mg/L	0.000206	17.2	713.375	-0.001193 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001620	32.9	1.40080	uncal mg/L	Y 371.029
Al 237.312	0.836207	mg/L	0.003565	0.4	1159.80	0.836207 mg/L	Y 371.029
Al 257.509	0.830340	mg/L	0.009728	1.2	516.848	0.830340 mg/L	Y 371.029
Al 308.215	0.857693	mg/L	0.003357	0.4	6336.91	0.857693 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.002611	18.4	6.34685	uncal mg/L	Y 371.029
As 193.696	-0.003656uv	mg/L	0.000713	19.5	5.09777	-0.003656 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005394	14.9	13.1891	uncal mg/L	Y 371.029
B 182.577	0.073589	mg/L	0.001145	1.6	42.6505	0.073589 mg/L	Y 371.029
B 249.678	0.009177	mg/L	0.000380	4.1	143.120	0.009177 mg/L	Y 371.029
B 249.772	0.009613	mg/L	0.000116	1.2	277.741	0.009613 mg/L	Y 371.029
Ba 233.527	0.224771	mg/L	0.001023	0.5	9832.07	0.224771 mg/L	Y 371.029
Ba 455.403	0.222265	mg/L	0.000200	0.1	201489	0.222265 mg/L	Y 371.029
Ba 493.408	0.222954	mg/L	0.000145	0.1	126766	0.222954 mg/L	Y 371.029
Be 234.861	0.007208	mg/L	0.000021	0.3	863.375	0.007208 mg/L	Y 371.029
Be 313.042	0.007170	mg/L	0.000003	0.0	13235.3	0.007170 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.007285	mg/L	0.000021	0.3	6262.43	0.007285 mg/L	Y 371.029
Ca 393.366	18.4781n	mg/L	0.025491	0.1	24122480	18.4781 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.062829	0.3	38919412	- mg/L	Y 371.029
Ca 430.253	25.6588	mg/L	0.053822	0.2	117575	25.6588 mg/L	Y 371.029
Cd 214.439	0.001016	mg/L	0.000143	14.1	23.3226	0.001016 mg/L	Y 371.029
Cd 226.502	0.000683	mg/L	0.000043	6.2	59.4380	0.000683 mg/L	Y 371.029
Cd 228.802	0.000235uv	mg/L	0.000281	119.9	27.4077	0.000235 mg/L	Y 371.029
Co 228.615	0.147462	mg/L	0.000972	0.7	1426.45	0.147462 mg/L	Y 371.029
Co 230.786	0.147465	mg/L	0.000832	0.6	984.816	0.147465 mg/L	Y 371.029
Co 238.892	0.147572	mg/L	0.000658	0.4	923.144	0.147572 mg/L	Y 371.029
Cr 205.560	-0.000505uv	mg/L	0.000498	98.7	6.15104	-0.000505 mg/L	Y 371.029
Cr 206.158	0.000794	mg/L	0.000240	30.2	5.93488	0.000794 mg/L	Y 371.029
Cr 267.716	0.000038	mg/L	0.000057	149.5	44.4341	0.000038 mg/L	Y 371.029
Cu 213.598	0.003235	mg/L	0.000442	13.6	23.6442	0.003235 mg/L	Y 371.029
Cu 324.754	0.006225	mg/L	0.000416	6.7	719.861	0.006225 mg/L	Y 371.029
Cu 327.395	0.004273	mg/L	0.000312	7.3	275.436	0.004273 mg/L	Y 371.029
Fe 234.350	-0.012721	mg/L	0.000348	2.7	256.358	-0.012721 mg/L	Y 371.029
Fe 238.204	-0.014736	mg/L	0.000340	2.3	498.721	-0.014736 mg/L	Y 371.029
Fe 259.940	-0.017075	mg/L	0.000225	1.3	117.040	-0.017075 mg/L	Y 371.029
Ga 287.423	-0.000898	mg/L	0.000814	90.7	11.2612	-0.000898 mg/L	Y 371.029
Ga 294.363	0.002271	mg/L	0.001423	62.6	27.0633	0.002271 mg/L	Y 371.029
Ga 417.204	0.000507uv	mg/L	0.001089	214.8	63.5303	0.000507 mg/L	Y 371.029
K 766.491	1.39726	mg/L	0.003430	0.2	111749	1.39726 mg/L	Y 371.029
K 769.897	1.37110	mg/L	0.002948	0.2	94648.7	1.37110 mg/L	Y 371.029
Li 610.365	0.029854	mg/L	0.000626	2.1	950.992	0.029854 mg/L	Y 371.029
Li 670.783	0.045402	mg/L	0.000021	0.0	264147	0.045402 mg/L	Y 371.029
Mg 279.078	36.9677	mg/L	0.038692	0.1	68293.4	36.9677 mg/L	Y 371.029
Mg 280.270	33.7242	mg/L	0.095936	0.3	3528431	33.7242 mg/L	Y 371.029
Mg 285.213	37.4589	mg/L	0.417740	1.1	1393406	37.4589 mg/L	Y 371.029
Mn 257.610	0.529468	mg/L	0.013003	2.5	82682.8	0.529468 mg/L	Y 371.029
Mn 259.372	0.524257	mg/L	0.010108	1.9	61240.0	0.524257 mg/L	Y 371.029
Mn 260.568	0.521034	mg/L	0.002893	0.6	10800.7	0.521034 mg/L	Y 371.029
Mo 202.032	-0.036851uv	mg/L	0.000553	1.5	38.1467	-0.036851 mg/L	Y 371.029
Mo 203.846	-0.036359uv	mg/L	0.001736	4.8	12.4626	-0.036359 mg/L	Y 371.029
Mo 204.598	-0.036513uv	mg/L	0.001019	2.8	9.81987	-0.036513 mg/L	Y 371.029
Na 568.821	57.7906	mg/L	0.092486	0.2	16062.2	57.7906 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.279138	0.6	26961174	- mg/L	Y 371.029
Na 589.592	52.2711	mg/L	0.071289	0.1	17671070	52.2711 mg/L	Y 371.029
Ni 216.555	0.244922	mg/L	0.000379	0.2	1418.29	0.244922 mg/L	Y 371.029
Ni 221.648	0.231035	mg/L	0.001316	0.6	524.697	0.231035 mg/L	Y 371.029
Ni 231.604	0.245975	mg/L	0.000290	0.1	932.938	0.245975 mg/L	Y 371.029
P 177.434	0.005673uv	mg/L	0.006533	115.1	2.40698	0.005673 mg/L	Y 371.029
P 213.618	-0.004893	mg/L	0.000666	13.6	2.13249	-0.004893 mg/L	Y 371.029
P 214.914	-0.004601uv	mg/L	0.006897	149.9	3.00199	-0.004601 mg/L	Y 371.029
Pb 220.353	0.002351uv	mg/L	0.004509	191.8	9.63715	0.002351 mg/L	Y 371.029
Pb 261.417	-0.010161uv	mg/L	0.006231	61.3	18.1717	-0.010161 mg/L	Y 371.029
Pb 405.781	-0.020667	mg/L	0.003683	17.8	44.5268	-0.020667 mg/L	Y 371.029
Sb 206.834	-0.011236uv	mg/L	0.003467	30.9	7.17265	-0.011236 mg/L	Y 371.029
Sb 231.146	-0.000845	mg/L	0.002212	261.8	6.11877	-0.000845 mg/L	Y 371.029
Sb 259.804	0.002990uv	mg/L	0.012800	428.1	7.58000	0.002990 mg/L	Y 371.029
Se 196.026	-0.004213uv	mg/L	0.002978	70.7	7.77937	-0.004213 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.008941uv	mg/L	0.000187	2.1	3.55754	0.008941 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.155682	0.8	24900.0	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.167562	0.8	27750.9	uncal mg/L	Y 371.029
Si 288.158	18.1719	mg/L	0.083321	0.5	141550	18.1719 mg/L	Y 371.029
Sn 189.927	-0.001791uv	mg/L	0.001100	61.4	2.37920	-0.001791 mg/L	Y 371.029
Sn 283.998	-0.012571uv	mg/L	0.003951	31.4	19.1706	-0.012571 mg/L	Y 371.029
Sr 216.596	0.207648	mg/L	0.000827	0.4	1913.33	0.207648 mg/L	Y 371.029
Sr 407.771	0.200355	mg/L	0.001205	0.6	500912	0.200355 mg/L	Y 371.029
Sr 421.552	0.203557	mg/L	0.000436	0.2	335626	0.203557 mg/L	Y 371.029
Ti 334.941	-0.000068	mg/L	0.000067	98.7	144.911	-0.000068 mg/L	Y 371.029
Ti 336.122	0.000032	mg/L	0.000243	757.8	70.3112	0.000032 mg/L	Y 371.029
Ti 337.280	0.000371	mg/L	0.000304	81.9	32.1193	0.000371 mg/L	Y 371.029
Tl 190.794	0.002594	mg/L	0.000144	5.5	2.52970	0.002594 mg/L	Y 371.029
Tl 190.807	0.004321uv	mg/L	0.003580	82.9	0.874016	0.004321 mg/L	Y 371.029
Tl 351.923	0.006376	mg/L	0.001607	25.2	18.8382	0.006376 mg/L	Y 371.029
V 268.796	-0.008864uv	mg/L	0.000502	5.7	40.1984	-0.008864 mg/L	Y 371.029
V 292.401	-0.000534uv	mg/L	0.000191	35.8	31.9196	-0.000534 mg/L	Y 371.029
V 311.837	0.000559	mg/L	0.000064	11.5	15.6817	0.000559 mg/L	Y 371.029
Zn 202.548	0.340816	mg/L	0.007090	2.1	4411.83	0.340816 mg/L	Y 371.029
Zn 206.200	0.343947	mg/L	0.001795	0.5	1425.27	0.343947 mg/L	Y 371.029
Zn 213.857	0.348223	mg/L	0.007024	2.0	7596.63	0.348223 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21292	9726.10	27.192	0.3
Y 371.029	0.920162	151741	488.697	0.3

11C1255-43 (Samp) **4/1/2011, 2:29:55 PM** **Rack 1, Tube 27**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001188	mg/L	0.000378	31.8	735.765	0.011879 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001978	43.8	0.211966	uncal mg/L	Y 371.029
Al 237.312	0.082024	mg/L	0.003252	4.0	168.252	0.820239 mg/L	Y 371.029
Al 257.509	0.087239	mg/L	0.001826	2.1	69.2757	0.872388 mg/L	Y 371.029
Al 308.215	0.080275	mg/L	0.002773	3.5	1642.65	0.802753 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.001950	9.7	5.94964	uncal mg/L	Y 371.029
As 193.696	-0.005935uv	mg/L	0.000468	7.9	5.46762	-0.059350 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005142	13.5	14.9475	uncal mg/L	Y 371.029
B 182.577	0.006228	mg/L	0.002254	36.2	7.14054	0.062283 mg/L	Y 371.029
B 249.678	0.001189	mg/L	0.000405	34.1	42.5218	0.011886 mg/L	Y 371.029
B 249.772	0.001293	mg/L	0.000319	24.7	95.5751	0.012934 mg/L	Y 371.029
Ba 233.527	0.022735	mg/L	0.000190	0.8	1171.61	0.227353 mg/L	Y 371.029
Ba 455.403	0.022735	mg/L	0.000248	1.1	24219.8	0.227354 mg/L	Y 371.029
Ba 493.408	0.022630	mg/L	0.000250	1.1	15165.7	0.226299 mg/L	Y 371.029
Be 234.861	0.000635	mg/L	0.000024	3.8	75.2890	0.006347 mg/L	Y 371.029
Be 313.042	0.000645	mg/L	0.000018	2.8	1954.45	0.006448 mg/L	Y 371.029
Be 313.107	0.000699	mg/L	0.000006	0.9	672.825	0.006989 mg/L	Y 371.029
Ca 393.366	2.41929n	mg/L	0.027789	1.1	3171718	24.1929 mg/L	Y 371.029
Ca 396.847	2.37497	mg/L	0.044593	1.9	4908254	23.7497 mg/L	Y 371.029
Ca 430.253	2.58351	mg/L	0.028703	1.1	12992.5	25.8351 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000281	mg/L	0.000040	14.1	7.73990	0.002809 mg/L	Y 371.029
Cd 226.502	0.000032uv	mg/L	0.000081	251.4	26.4465	0.000322 mg/L	Y 371.029
Cd 228.802	0.000072uv	mg/L	0.000437	610.0	25.8689	0.000716 mg/L	Y 371.029
Co 228.615	0.014723	mg/L	0.000902	6.1	149.513	0.147234 mg/L	Y 371.029
Co 230.786	0.015875	mg/L	0.000122	0.8	114.954	0.158747 mg/L	Y 371.029
Co 238.892	0.015314	mg/L	0.000225	1.5	99.0798	0.153137 mg/L	Y 371.029
Cr 205.560	0.000090	mg/L	0.000159	177.5	5.55533	0.000898 mg/L	Y 371.029
Cr 206.158	-0.000039uv	mg/L	0.001038	2668.0	3.20628	-0.000389 mg/L	Y 371.029
Cr 267.716	0.000461	mg/L	0.000195	42.3	36.6637	0.004606 mg/L	Y 371.029
Cu 213.598	0.000910	mg/L	0.000540	59.3	5.22793	0.009101 mg/L	Y 371.029
Cu 324.754	-0.000599uv	mg/L	0.000451	75.4	576.872	-0.005991 mg/L	Y 371.029
Cu 327.395	0.000845	mg/L	0.000105	12.4	76.3496	0.008449 mg/L	Y 371.029
Fe 234.350	0.000287	mg/L	0.000610	212.8	50.5447	0.002865 mg/L	Y 371.029
Fe 238.204	-0.000395	mg/L	0.000487	123.4	94.1087	-0.003950 mg/L	Y 371.029
Fe 259.940	-0.000741	mg/L	0.000462	62.3	69.4317	-0.007406 mg/L	Y 371.029
Ga 287.423	0.001400	mg/L	0.001307	93.4	12.9061	0.014001 mg/L	Y 371.029
Ga 294.363	0.001682	mg/L	0.000718	42.7	21.8458	0.016818 mg/L	Y 371.029
Ga 417.204	0.001465uv	mg/L	0.002061	140.7	78.4868	0.014650 mg/L	Y 371.029
K 766.491	0.135077	mg/L	0.001119	0.8	12837.9	1.35077 mg/L	Y 371.029
K 769.897	0.134028	mg/L	0.001900	1.4	20492.7	1.34028 mg/L	Y 371.029
Li 610.365	0.011436	mg/L	0.000156	1.4	-14.3491	0.114363 mg/L	Y 371.029
Li 670.783	0.004319	mg/L	0.000121	2.8	91947.3	0.043189 mg/L	Y 371.029
Mg 279.078	3.66786	mg/L	0.038712	1.1	6791.73	36.6786 mg/L	Y 371.029
Mg 280.270	3.74903	mg/L	0.055755	1.5	392563	37.4903 mg/L	Y 371.029
Mg 285.213	3.72561	mg/L	0.044957	1.2	138652	37.2561 mg/L	Y 371.029
Mn 257.610	0.052952	mg/L	0.000944	1.8	8275.20	0.529516 mg/L	Y 371.029
Mn 259.372	0.052366	mg/L	0.000949	1.8	6167.29	0.523658 mg/L	Y 371.029
Mn 260.568	0.052233	mg/L	0.000566	1.1	1088.27	0.522326 mg/L	Y 371.029
Mo 202.032	-0.005547uv	mg/L	0.000584	10.5	39.3098	-0.055466 mg/L	Y 371.029
Mo 203.846	-0.003046uv	mg/L	0.002509	82.4	14.9999	-0.030458 mg/L	Y 371.029
Mo 204.598	-0.002782uv	mg/L	0.002346	84.3	11.0693	-0.027825 mg/L	Y 371.029
Na 568.821	5.51685	mg/L	0.133191	2.4	1638.36	55.1685 mg/L	Y 371.029
Na 588.995	5.75602	mg/L	0.062439	1.1	3839351	57.5602 mg/L	Y 371.029
Na 589.592	5.67260	mg/L	0.050781	0.9	2002505	56.7260 mg/L	Y 371.029
Ni 216.555	0.024025	mg/L	0.000388	1.6	143.004	0.240252 mg/L	Y 371.029
Ni 221.648	0.023285	mg/L	0.001051	4.5	55.6013	0.232847 mg/L	Y 371.029
Ni 231.604	0.024274	mg/L	0.000139	0.6	100.617	0.242737 mg/L	Y 371.029
P 177.434	0.000479uv	mg/L	0.000990	206.6	1.80922	0.004790 mg/L	Y 371.029
P 213.618	0.002643	mg/L	0.004509	170.6	2.58947	0.026431 mg/L	Y 371.029
P 214.914	0.007826uv	mg/L	0.013000	166.1	4.80137	0.078259 mg/L	Y 371.029
Pb 220.353	0.000693	mg/L	0.000807	116.4	5.98828	0.006933 mg/L	Y 371.029
Pb 261.417	0.015541	mg/L	0.005557	35.8	27.7625	0.155412 mg/L	Y 371.029
Pb 405.781	-0.000032uv	mg/L	0.005170	16125.8	41.9497	-0.000321 mg/L	Y 371.029
Sb 206.834	0.003400	mg/L	0.002906	85.5	11.1659	0.033998 mg/L	Y 371.029
Sb 231.146	0.015591	mg/L	0.012627	81.0	10.7875	0.155911 mg/L	Y 371.029
Sb 259.804	0.016160	mg/L	0.012233	75.7	12.4487	0.161595 mg/L	Y 371.029
Se 196.026	0.000074uv	mg/L	0.005642	7590.0	8.81961	0.000743 mg/L	Y 371.029
Se 203.985	0.010457uv	mg/L	0.010097	96.6	5.27640	0.104574 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.028303	1.5	2580.07	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.022660	1.1	2883.39	uncal mg/L	Y 371.029
Si 288.158	1.84350	mg/L	0.022634	1.2	15560.4	18.4350 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.002103	mg/L	0.001249	59.4	3.38606	0.021034 mg/L	Y 371.029
Sn 283.998	-0.004080uv	mg/L	0.002765	67.8	17.0207	-0.040800 mg/L	Y 371.029
Sr 216.596	0.020757	mg/L	0.000430	2.1	207.532	0.207574 mg/L	Y 371.029
Sr 407.771	0.020881	mg/L	0.000264	1.3	57003.8	0.208810 mg/L	Y 371.029
Sr 421.552	0.020593	mg/L	0.000261	1.3	36834.5	0.205927 mg/L	Y 371.029
Ti 334.941	0.000338	mg/L	0.000124	36.7	167.487	0.003375 mg/L	Y 371.029
Ti 336.122	0.000272	mg/L	0.000157	57.6	70.3483	0.002721 mg/L	Y 371.029
Ti 337.280	0.000479	mg/L	0.000368	76.8	13.8127	0.004795 mg/L	Y 371.029
Tl 190.794	0.001684uv	mg/L	0.003556	211.2	2.25654	0.016836 mg/L	Y 371.029
Tl 190.807	0.000862uv	mg/L	0.002992	347.2	0.710063	0.008617 mg/L	Y 371.029
Tl 351.923	0.000049uv	mg/L	0.002559	5261.0	11.1241	0.000486 mg/L	Y 371.029
V 268.796	-0.004085uv	mg/L	0.000465	11.4	41.1328	-0.040849 mg/L	Y 371.029
V 292.401	-0.000043uv	mg/L	0.000037	85.6	35.8424	-0.000430 mg/L	Y 371.029
V 311.837	0.000634	mg/L	0.000098	15.5	16.0926	0.006338 mg/L	Y 371.029
Zn 202.548	0.034467	mg/L	0.000960	2.8	1100.40	0.344672 mg/L	Y 371.029
Zn 206.200	0.035377	mg/L	0.000693	2.0	352.293	0.353773 mg/L	Y 371.029
Zn 213.857	0.034785	mg/L	0.001255	3.6	1858.64	0.347846 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18566	9507.59	72.304	0.8
Y 371.029	0.903407	148978	1108.890	0.7

11C1255-44 (Samp) **4/1/2011, 2:33:48 PM** **Rack 1, Tube 28**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000637	mg/L	0.000326	51.2	754.128	0.003184 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000962	23.7	-1.32636	uncal mg/L	Y 371.029
Al 237.312	0.035512	mg/L	0.002698	7.6	110.226	0.177558 mg/L	Y 371.029
Al 257.509	0.033839	mg/L	0.007342	21.7	35.8672	0.169195 mg/L	Y 371.029
Al 308.215	0.037149	mg/L	0.000868	2.3	1341.87	0.185747 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.001723	7.4	4.80747	uncal mg/L	Y 371.029
As 193.696	-0.007369uv	mg/L	0.006969	94.6	4.71895	-0.036844 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003721	10.2	15.3146	uncal mg/L	Y 371.029
B 182.577	0.016921	mg/L	0.000739	4.4	13.4473	0.084604 mg/L	Y 371.029
B 249.678	0.011386	mg/L	0.000375	3.3	158.173	0.056931 mg/L	Y 371.029
B 249.772	0.011978	mg/L	0.000035	0.3	321.168	0.059889 mg/L	Y 371.029
Ba 233.527	0.011483	mg/L	0.000052	0.5	713.869	0.057416 mg/L	Y 371.029
Ba 455.403	0.011415	mg/L	0.000032	0.3	14617.1	0.057077 mg/L	Y 371.029
Ba 493.408	0.011326	mg/L	0.000034	0.3	9142.57	0.056629 mg/L	Y 371.029
Be 234.861	-0.000003uv	mg/L	0.000033	953.4	-1.89731	-0.000017 mg/L	Y 371.029
Be 313.042	-0.000064uv	mg/L	0.000003	5.4	718.535	-0.000318 mg/L	Y 371.029
Be 313.107	0.000017	mg/L	0.000008	46.6	96.8494	0.000086 mg/L	Y 371.029
Ca 393.366	22.8800n	mg/L	0.048212	0.2	29841114	114.400 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.118821	0.6	40274396	- mg/L	Y 371.029
Ca 430.253	33.5906	mg/L	0.090937	0.3	153058	167.953 mg/L	Y 371.029
Cd 214.439	0.000140	mg/L	0.000062	44.1	4.71766	0.000702 mg/L	Y 371.029
Cd 226.502	-0.000039	mg/L	0.000029	72.7	25.8517	-0.000197 mg/L	Y 371.029
Cd 228.802	-0.000113uv	mg/L	0.000159	140.9	22.9720	-0.000563 mg/L	Y 371.029
Co 228.615	0.000703uv	mg/L	0.000952	135.4	12.9459	0.003516 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.000541uv	mg/L	0.000803	148.3	13.9420	0.002707 mg/L	Y 371.029
Co 238.892	0.000028uv	mg/L	0.000179	636.8	4.46631	0.000141 mg/L	Y 371.029
Cr 205.560	0.001861	mg/L	0.000432	23.2	14.4121	0.009303 mg/L	Y 371.029
Cr 206.158	0.002771	mg/L	0.000259	9.4	7.96645	0.013856 mg/L	Y 371.029
Cr 267.716	0.002272	mg/L	0.000217	9.6	82.0588	0.011361 mg/L	Y 371.029
Cu 213.598	0.001761	mg/L	0.000755	42.9	9.15808	0.008807 mg/L	Y 371.029
Cu 324.754	0.001705	mg/L	0.000344	20.2	628.016	0.008523 mg/L	Y 371.029
Cu 327.395	0.001554	mg/L	0.000279	18.0	109.997	0.007771 mg/L	Y 371.029
Fe 234.350	-0.001159	mg/L	0.000854	73.6	40.2762	-0.005795 mg/L	Y 371.029
Fe 238.204	-0.002108	mg/L	0.000696	33.0	82.7302	-0.010539 mg/L	Y 371.029
Fe 259.940	-0.001698	mg/L	0.000087	5.1	92.0231	-0.008488 mg/L	Y 371.029
Ga 287.423	0.004913	mg/L	0.001121	22.8	21.2916	0.024564 mg/L	Y 371.029
Ga 294.363	0.003361	mg/L	0.000915	27.2	27.7660	0.016806 mg/L	Y 371.029
Ga 417.204	0.002004uv	mg/L	0.001990	99.3	73.1472	0.010018 mg/L	Y 371.029
K 766.491	2.06761	mg/L	0.006408	0.3	163585	10.3381 mg/L	Y 371.029
K 769.897	2.04596	mg/L	0.008015	0.4	133935	10.2298 mg/L	Y 371.029
Li 610.365	0.012765	mg/L	0.000313	2.5	55.2879	0.063824 mg/L	Y 371.029
Li 670.783	0.003412	mg/L	0.000035	1.0	88157.5	0.017061 mg/L	Y 371.029
Mg 279.078	-0.000209uv	mg/L	0.000551	264.2	16.1452	-0.001044 mg/L	Y 371.029
Mg 280.270	-0.000520	mg/L	0.000052	10.1	458.750	-0.002601 mg/L	Y 371.029
Mg 285.213	0.001310	mg/L	0.000090	6.8	140.025	0.006549 mg/L	Y 371.029
Mn 257.610	-0.000164	mg/L	0.000006	3.4	6.87138	-0.000822 mg/L	Y 371.029
Mn 259.372	-0.000347uv	mg/L	0.000035	10.1	52.2426	-0.001734 mg/L	Y 371.029
Mn 260.568	-0.000059	mg/L	0.000075	127.8	7.96644	-0.000295 mg/L	Y 371.029
Mo 202.032	-0.004900uv	mg/L	0.001244	25.4	51.4038	-0.024502 mg/L	Y 371.029
Mo 203.846	-0.003494	mg/L	0.002327	66.6	18.3685	-0.017470 mg/L	Y 371.029
Mo 204.598	-0.003939uv	mg/L	0.001654	42.0	12.8937	-0.019694 mg/L	Y 371.029
Na 568.821	4.33411	mg/L	0.076269	1.8	1356.56	21.6705 mg/L	Y 371.029
Na 588.995	4.71592	mg/L	0.005290	0.1	3211954	23.5796 mg/L	Y 371.029
Na 589.592	4.38964	mg/L	0.003213	0.1	1573414	21.9482 mg/L	Y 371.029
Ni 216.555	-0.000699uv	mg/L	0.000340	48.7	1.03809	-0.003495 mg/L	Y 371.029
Ni 221.648	0.000467uv	mg/L	0.000853	182.7	4.30139	0.002335 mg/L	Y 371.029
Ni 231.604	-0.000737uv	mg/L	0.000973	132.0	7.92102	-0.003684 mg/L	Y 371.029
P 177.434	0.009002	mg/L	0.005073	56.4	3.24354	0.045008 mg/L	Y 371.029
P 213.618	0.002911	mg/L	0.002387	82.0	3.39407	0.014556 mg/L	Y 371.029
P 214.914	-0.006907uv	mg/L	0.011167	161.7	1.90659	-0.034536 mg/L	Y 371.029
Pb 220.353	0.014853	mg/L	0.000306	2.1	24.6212	0.074264 mg/L	Y 371.029
Pb 261.417	0.024083	mg/L	0.005057	21.0	31.9901	0.120415 mg/L	Y 371.029
Pb 405.781	0.001387	mg/L	0.005839	421.1	54.3648	0.006933 mg/L	Y 371.029
Sb 206.834	-0.002852uv	mg/L	0.001742	61.1	9.07666	-0.014258 mg/L	Y 371.029
Sb 231.146	-0.004362	mg/L	0.002755	63.2	6.54002	-0.021812 mg/L	Y 371.029
Sb 259.804	-0.005643	mg/L	0.003799	67.3	10.0367	-0.028216 mg/L	Y 371.029
Se 196.026	-0.011316uv	mg/L	0.006074	53.7	6.29939	-0.056581 mg/L	Y 371.029
Se 203.985	0.000541uv	mg/L	0.004721	872.4	2.97397	0.002706 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.002586	0.4	923.007	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.002152	0.4	1021.68	uncal mg/L	Y 371.029
Si 288.158	0.563643	mg/L	0.004289	0.8	5960.23	2.81821 mg/L	Y 371.029
Sn 189.927	-0.000033uv	mg/L	0.002410	7243.0	2.41587	-0.000166 mg/L	Y 371.029
Sn 283.998	-0.002446uv	mg/L	0.003194	130.6	24.0409	-0.012228 mg/L	Y 371.029
Sr 216.596	0.079238	mg/L	0.000220	0.3	748.082	0.396189 mg/L	Y 371.029
Sr 407.771	0.078496	mg/L	0.000306	0.4	201093	0.392481 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.077433	mg/L	0.000521	0.7	130700	0.387164 mg/L	Y 371.029
Ti 334.941	0.000217	mg/L	0.000165	76.1	152.976	0.001086 mg/L	Y 371.029
Ti 336.122	0.000210	mg/L	0.000167	79.4	58.0538	0.001052 mg/L	Y 371.029
Ti 337.280	0.000446	mg/L	0.000171	38.4	17.9794	0.002231 mg/L	Y 371.029
Tl 190.794	0.004497uv	mg/L	0.003652	81.2	2.85079	0.022483 mg/L	Y 371.029
Tl 190.807	0.006028uv	mg/L	0.004114	68.2	1.41595	0.030139 mg/L	Y 371.029
Tl 351.923	0.004652	mg/L	0.004701	101.1	21.4313	0.023259 mg/L	Y 371.029
V 268.796	0.002270	mg/L	0.000437	19.3	95.9706	0.011348 mg/L	Y 371.029
V 292.401	0.005898	mg/L	0.000371	6.3	227.021	0.029492 mg/L	Y 371.029
V 311.837	0.005572	mg/L	0.000251	4.5	237.158	0.027860 mg/L	Y 371.029
Zn 202.548	0.000255	mg/L	0.000501	196.7	760.346	0.001274 mg/L	Y 371.029
Zn 206.200	-0.000056	mg/L	0.000695	1245.1	238.956	-0.000279 mg/L	Y 371.029
Zn 213.857	-0.000781	mg/L	0.000567	72.6	1257.25	-0.003906 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17718	9439.57	61.831	0.7
Y 371.029	0.896204	147790	1212.608	0.8

11C1444-01 (Samp) **4/1/2011, 3:14:01 PM** **Rack 1, Tube 29**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001305b	mg/L	0.000209	16.0	703.705	0.013047 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001501	4.7	31.5928	uncal mg/L	Y 371.029
Al 237.312	0.295251uvb	mg/L	0.005280	1.8	45.0885	2.95251 mg/L	Y 371.029
Al 257.509	0.078951b	mg/L	0.015117	19.1	24.6030	0.789509 mg/L	Y 371.029
Al 308.215	0.181773b	mg/L	0.003228	1.8	1182.12	1.81773 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.003754	12.8	5.82873	uncal mg/L	Y 371.029
As 193.696	-0.038020uvb	mg/L	0.002362	6.2	1.68747	-0.380196 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.011534	80.2	20.6046	uncal mg/L	Y 371.029
B 182.577	-0.004403b	mg/L	0.003038	69.0	8.20153	-0.044028 mg/L	Y 371.029
B 249.678	-0.013154b	mg/L	0.000528	4.0	190.450	-0.131539 mg/L	Y 371.029
B 249.772	0.074538b	mg/L	0.002532	3.4	12530.3	0.745385 mg/L	Y 371.029
Ba 233.527	0.084939b	mg/L	0.000115	0.1	4107.58	0.849386 mg/L	Y 371.029
Ba 455.403	0.084917b	mg/L	0.000081	0.1	78768.4	0.849174 mg/L	Y 371.029
Ba 493.408	0.084876b	mg/L	0.001013	1.2	51890.4	0.848756 mg/L	Y 371.029
Be 234.861	0.003954uvb	mg/L	0.001045	26.4	-3305.43	0.039539 mg/L	Y 371.029
Be 313.042	0.000030uvb	mg/L	0.000007	22.8	769.976	0.000296 mg/L	Y 371.029
Be 313.107	0.000052uvb	mg/L	0.000004	7.8	68.4646	0.000517 mg/L	Y 371.029
Ca 393.366	1.20570nb	mg/L	0.001990	0.2	1644976	12.0570 mg/L	Y 371.029
Ca 396.847	1.19123b	mg/L	0.001456	0.1	2538613	11.9123 mg/L	Y 371.029
Ca 430.253	0.722313b	mg/L	0.003993	0.6	7221.28	7.22313 mg/L	Y 371.029
Cd 214.439	0.001547b	mg/L	0.000183	11.8	141.220	0.015471 mg/L	Y 371.029
Cd 226.502	0.002383b	mg/L	0.000061	2.6	1864.80	0.023832 mg/L	Y 371.029
Cd 228.802	0.005271b	mg/L	0.000258	4.9	28.2745	0.052707 mg/L	Y 371.029
Co 228.615	-0.273033b	mg/L	0.000333	0.1	184.154	-2.73033 mg/L	Y 371.029
Co 230.786	-0.298167b	mg/L	0.001091	0.4	282.392	-2.98167 mg/L	Y 371.029
Co 238.892	0.090821uvb	mg/L	0.035400	39.0	-4123.88	0.908209 mg/L	Y 371.029
Cr 205.560	2.62827b	mg/L	0.024988	1.0	11736.5	26.2827 mg/L	Y 371.029
Cr 206.158	2.67449b	mg/L	0.013250	0.5	4918.39	26.7449 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.100395	mg/L	0.000815	0.8	3002.61	0.501976 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18148	9474.04	87.445	0.9
Y 371.029	0.903951	149068	1479.807	1.0

SEQ-CCV3 (Samp) **4/1/2011, 4:03:38 PM** **Rack 1, Tube 32**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.100391	mg/L	0.000199	0.2	5815.74	0.100391 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003269	3.1	283.124	uncal mg/L	Y 371.029
Al 237.312	2.50935	mg/L	0.004524	0.2	3298.80	2.50935 mg/L	Y 371.029
Al 257.509	2.51694	mg/L	0.004844	0.2	1506.70	2.51694 mg/L	Y 371.029
Al 308.215	2.53685	mg/L	0.004079	0.2	16841.6	2.53685 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.004448	0.9	196.751	uncal mg/L	Y 371.029
As 193.696	0.473426	mg/L	0.005168	1.1	226.723	0.473426 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.015740	1.4	849.680	uncal mg/L	Y 371.029
B 182.577	0.485950	mg/L	0.002733	0.6	254.684	0.485950 mg/L	Y 371.029
B 249.678	0.485808	mg/L	0.003140	0.6	4863.81	0.485808 mg/L	Y 371.029
B 249.772	0.487335	mg/L	0.009172	1.9	9490.91	0.487335 mg/L	Y 371.029
Ba 233.527	0.501673	mg/L	0.002433	0.5	21597.5	0.501673 mg/L	Y 371.029
Ba 455.403	0.497407	mg/L	0.000812	0.2	444049	0.497407 mg/L	Y 371.029
Ba 493.408	0.499361	mg/L	0.000798	0.2	279434	0.499361 mg/L	Y 371.029
Be 234.861	0.501104	mg/L	0.001435	0.3	59862.4	0.501104 mg/L	Y 371.029
Be 313.042	0.495993	mg/L	0.002936	0.6	857651	0.495993 mg/L	Y 371.029
Be 313.107	0.497046	mg/L	0.003016	0.6	420408	0.497046 mg/L	Y 371.029
Ca 393.366	4.48114n	mg/L	0.008158	0.2	5862448	4.48114 mg/L	Y 371.029
Ca 396.847	4.47522	mg/L	0.008348	0.2	9229089	4.47522 mg/L	Y 371.029
Ca 430.253	5.14463	mg/L	0.004999	0.1	24612.3	5.14463 mg/L	Y 371.029
Cd 214.439	0.253287	mg/L	0.001436	0.6	5495.03	0.253287 mg/L	Y 371.029
Cd 226.502	0.251861	mg/L	0.000294	0.1	10416.4	0.251861 mg/L	Y 371.029
Cd 228.802	0.252545	mg/L	0.000254	0.1	3882.77	0.252545 mg/L	Y 371.029
Co 228.615	0.507067	mg/L	0.000869	0.2	4890.40	0.507067 mg/L	Y 371.029
Co 230.786	0.507089	mg/L	0.001093	0.2	3353.89	0.507089 mg/L	Y 371.029
Co 238.892	0.504394	mg/L	0.001101	0.2	3125.70	0.504394 mg/L	Y 371.029
Cr 205.560	0.504646	mg/L	0.002503	0.5	2175.78	0.504646 mg/L	Y 371.029
Cr 206.158	0.501153	mg/L	0.001555	0.3	889.866	0.501153 mg/L	Y 371.029
Cr 267.716	0.498034	mg/L	0.003457	0.7	11451.6	0.498034 mg/L	Y 371.029
Cu 213.598	0.511172	mg/L	0.002297	0.4	2280.78	0.511172 mg/L	Y 371.029
Cu 324.754	0.499047	mg/L	0.000363	0.1	16963.6	0.499047 mg/L	Y 371.029
Cu 327.395	0.497334	mg/L	0.000607	0.1	21556.4	0.497334 mg/L	Y 371.029
Fe 234.350	0.502316	mg/L	0.001607	0.3	5058.02	0.502316 mg/L	Y 371.029
Fe 238.204	0.496358	mg/L	0.003119	0.6	10277.7	0.496358 mg/L	Y 371.029
Fe 259.940	0.497877	mg/L	0.004389	0.9	8287.10	0.497877 mg/L	Y 371.029
Ga 287.423	0.507680	mg/L	0.002383	0.5	1230.29	0.507680 mg/L	Y 371.029
Ga 294.363	0.500070	mg/L	0.000597	0.1	3271.19	0.500070 mg/L	Y 371.029
Ga 417.204	0.502185	mg/L	0.000392	0.1	5079.86	0.502185 mg/L	Y 371.029
K 766.491	5.20855	mg/L	0.003676	0.1	408081	5.20855 mg/L	Y 371.029
K 769.897	5.23037	mg/L	0.004903	0.1	322629	5.23037 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.01467	mg/L	0.001023	0.1	52570.2	1.01467 mg/L	Y 371.029
Li 670.783	1.00784	mg/L	0.001762	0.2	4093732	1.00784 mg/L	Y 371.029
Mg 279.078	5.03894	mg/L	0.010750	0.2	9321.77	5.03894 mg/L	Y 371.029
Mg 280.270	5.15337	mg/L	0.009468	0.2	539615	5.15337 mg/L	Y 371.029
Mg 285.213	5.19865	mg/L	0.038489	0.7	193473	5.19865 mg/L	Y 371.029
Mn 257.610	0.502197	mg/L	0.001929	0.4	79115.1	0.502197 mg/L	Y 371.029
Mn 259.372	0.502891	mg/L	0.001875	0.4	59175.4	0.502891 mg/L	Y 371.029
Mn 260.568	0.501276	mg/L	0.002986	0.6	10182.2	0.501276 mg/L	Y 371.029
Mo 202.032	0.984467	mg/L	0.014178	1.4	3882.08	0.984467 mg/L	Y 371.029
Mo 203.846	0.967169	mg/L	0.012413	1.3	1608.52	0.967169 mg/L	Y 371.029
Mo 204.598	0.961936	mg/L	0.018473	1.9	1866.46	0.961936 mg/L	Y 371.029
Na 568.821	5.21395	mg/L	0.114095	2.2	1571.46	5.21395 mg/L	Y 371.029
Na 588.995	5.45638	mg/L	0.039831	0.7	3661174	5.45638 mg/L	Y 371.029
Na 589.592	5.28364	mg/L	0.005747	0.1	1874494	5.28364 mg/L	Y 371.029
Ni 216.555	1.01248	mg/L	0.001706	0.2	5842.10	1.01248 mg/L	Y 371.029
Ni 221.648	1.00532	mg/L	0.002971	0.3	2266.37	1.00532 mg/L	Y 371.029
Ni 231.604	1.01303	mg/L	0.002586	0.3	3775.52	1.01303 mg/L	Y 371.029
P 177.434	0.507145	mg/L	0.008415	1.7	90.3857	0.507145 mg/L	Y 371.029
P 213.618	0.500775	mg/L	0.006294	1.3	383.903	0.500775 mg/L	Y 371.029
P 214.914	0.497797	mg/L	0.002303	0.5	111.676	0.497797 mg/L	Y 371.029
Pb 220.353	1.01086	mg/L	0.003979	0.4	1306.92	1.01086 mg/L	Y 371.029
Pb 261.417	0.992363	mg/L	0.009108	0.9	549.021	0.992363 mg/L	Y 371.029
Pb 405.781	0.991981	mg/L	0.011416	1.2	1401.90	0.991981 mg/L	Y 371.029
Sb 206.834	0.828108	mg/L	0.007057	0.9	519.234	0.828108 mg/L	Y 371.029
Sb 231.146	0.819566	mg/L	0.017804	2.2	404.885	0.819566 mg/L	Y 371.029
Sb 259.804	0.756098	mg/L	0.010688	1.4	331.450	0.756098 mg/L	Y 371.029
Se 196.026	0.987376	mg/L	0.041179	4.2	321.207	0.987376 mg/L	Y 371.029
Se 203.985	1.00554	mg/L	0.055636	5.5	189.456	1.00554 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.008566	0.9	1465.16	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.004757	0.4	1641.01	uncal mg/L	Y 371.029
Si 288.158	0.991123	mg/L	0.008179	0.8	8981.58	0.991123 mg/L	Y 371.029
Sn 189.927	1.01003	mg/L	0.002918	0.3	338.857	1.01003 mg/L	Y 371.029
Sn 283.998	1.07658	mg/L	0.005785	0.5	2087.72	1.07658 mg/L	Y 371.029
Sr 216.596	0.504868	mg/L	0.000653	0.1	4613.17	0.504868 mg/L	Y 371.029
Sr 407.771	0.496014	mg/L	0.004363	0.9	1227932	0.496014 mg/L	Y 371.029
Sr 421.552	0.482758	mg/L	0.003537	0.7	788815	0.482758 mg/L	Y 371.029
Ti 334.941	0.490944	mg/L	0.003630	0.7	106839	0.490944 mg/L	Y 371.029
Ti 336.122	0.502244	mg/L	0.001257	0.3	46377.1	0.502244 mg/L	Y 371.029
Ti 337.280	0.501582	mg/L	0.004274	0.9	15741.6	0.501582 mg/L	Y 371.029
Tl 190.794	0.505350	mg/L	0.003487	0.7	202.833	0.505350 mg/L	Y 371.029
Tl 190.807	0.514217	mg/L	0.013297	2.6	100.869	0.514217 mg/L	Y 371.029
Tl 351.923	0.507735	mg/L	0.003471	0.7	830.289	0.507735 mg/L	Y 371.029
V 268.796	0.550318	mg/L	0.002927	0.5	5604.87	0.550318 mg/L	Y 371.029
V 292.401	0.498872	mg/L	0.000371	0.1	16092.1	0.498872 mg/L	Y 371.029
V 311.837	0.503920	mg/L	0.001338	0.3	22216.6	0.503920 mg/L	Y 371.029
Zn 202.548	0.520377	mg/L	0.000785	0.2	6235.42	0.520377 mg/L	Y 371.029
Zn 206.200	0.513383	mg/L	0.001373	0.3	1950.55	0.513383 mg/L	Y 371.029
Zn 213.857	0.513713	mg/L	0.003617	0.7	10386.4	0.513713 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18008	9462.78	70.253	0.7
Y 371.029	0.898391	148151	1297.423	0.9

SEQ-CCB3 (Samp) **4/1/2011, 4:07:50 PM** **Rack 1, Tube 33**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001226	mg/L	0.000246	20.1	727.476	0.001226 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001451	44.0	-3.37551	uncal mg/L	Y 371.029
Al 237.312	-0.000467uv	mg/L	0.002427	520.3	59.8380	-0.000467 mg/L	Y 371.029
Al 257.509	0.006151	mg/L	0.004032	65.6	20.4978	0.006151 mg/L	Y 371.029
Al 308.215	-0.011832uv	mg/L	0.000939	7.9	1085.95	-0.011832 mg/L	Y 371.029
As 188.980	uncal	mg/L	0.003661	24.8	8.23971	uncal mg/L	Y 371.029
As 193.696	-0.007700uv	mg/L	0.002692	35.0	4.79542	-0.007700 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005070	17.7	19.4247	uncal mg/L	Y 371.029
B 182.577	0.002086	mg/L	0.001542	73.9	4.91353	0.002086 mg/L	Y 371.029
B 249.678	0.002132	mg/L	0.002031	95.3	49.5703	0.002132 mg/L	Y 371.029
B 249.772	0.000750	mg/L	0.000173	23.1	82.6777	0.000750 mg/L	Y 371.029
Ba 233.527	0.000243	mg/L	0.000129	53.2	207.475	0.000243 mg/L	Y 371.029
Ba 455.403	-0.000006uv	mg/L	0.000010	160.8	4015.93	-0.000006 mg/L	Y 371.029
Ba 493.408	-0.000011uv	mg/L	0.000061	572.0	2553.22	-0.000011 mg/L	Y 371.029
Be 234.861	-0.000014uv	mg/L	0.000009	65.9	-2.46318	-0.000014 mg/L	Y 371.029
Be 313.042	-0.000074uv	mg/L	0.000003	4.1	710.999	-0.000074 mg/L	Y 371.029
Be 313.107	0.000001uv	mg/L	0.000005	490.9	80.4458	0.000001 mg/L	Y 371.029
Ca 393.366	0.000130n	mg/L	0.000031	24.1	16365.2	0.000130 mg/L	Y 371.029
Ca 396.847	0.000027	mg/L	0.000045	169.4	25051.7	0.000027 mg/L	Y 371.029
Ca 430.253	0.002271uv	mg/L	0.005189	228.5	1296.46	0.002271 mg/L	Y 371.029
Cd 214.439	0.000172	mg/L	0.000082	48.0	5.41157	0.000172 mg/L	Y 371.029
Cd 226.502	-0.000054uv	mg/L	0.000111	204.1	22.2066	-0.000054 mg/L	Y 371.029
Cd 228.802	-0.000468uv	mg/L	0.000112	23.9	17.7349	-0.000468 mg/L	Y 371.029
Co 228.615	0.000123uv	mg/L	0.000710	575.6	8.99879	0.000123 mg/L	Y 371.029
Co 230.786	0.000120uv	mg/L	0.000740	617.0	10.8236	0.000120 mg/L	Y 371.029
Co 238.892	0.000239	mg/L	0.000075	31.5	5.23767	0.000239 mg/L	Y 371.029
Cr 205.560	0.000257	mg/L	0.000163	63.3	5.93723	0.000257 mg/L	Y 371.029
Cr 206.158	0.000778uv	mg/L	0.001499	192.6	4.51523	0.000778 mg/L	Y 371.029
Cr 267.716	0.000250	mg/L	0.000065	25.8	29.9317	0.000250 mg/L	Y 371.029
Cu 213.598	0.000437	mg/L	0.000569	130.4	2.48426	0.000437 mg/L	Y 371.029
Cu 324.754	-0.001606uv	mg/L	0.000484	30.1	552.374	-0.001606 mg/L	Y 371.029
Cu 327.395	0.000391uv	mg/L	0.000855	218.7	51.1545	0.000391 mg/L	Y 371.029
Fe 234.350	0.000744	mg/L	0.000731	98.3	19.2609	0.000744 mg/L	Y 371.029
Fe 238.204	0.000225	mg/L	0.000229	101.8	31.9705	0.000225 mg/L	Y 371.029
Fe 259.940	0.000589	mg/L	0.000194	32.9	57.8235	0.000589 mg/L	Y 371.029
Ga 287.423	0.004771	mg/L	0.001477	31.0	20.3894	0.004771 mg/L	Y 371.029
Ga 294.363	0.002773	mg/L	0.001791	64.6	28.8867	0.002773 mg/L	Y 371.029
Ga 417.204	0.001373uv	mg/L	0.001903	138.6	78.5483	0.001373 mg/L	Y 371.029
K 766.491	-0.001020uv	mg/L	0.000069	6.8	2174.31	-0.001020 mg/L	Y 371.029
K 769.897	-0.005148uv	mg/L	0.000708	13.8	12160.9	-0.005148 mg/L	Y 371.029
Li 610.365	0.012071	mg/L	0.000207	1.7	18.9079	0.012071 mg/L	Y 371.029
Li 670.783	-0.001100uv	mg/L	0.000027	2.5	69437.1	-0.001100 mg/L	Y 371.029
Mg 279.078	0.000373uv	mg/L	0.002961	793.3	18.1884	0.000373 mg/L	Y 371.029

110401A. All Data Report 4/4/2011, 08:46:49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	-0.000352uv	mg/L	0.000007	2.0	322.722	-0.000352 mg/L	Y 371.029
Mg 285.213	0.000530	mg/L	0.000233	43.9	93.0679	0.000530 mg/L	Y 371.029
Mn 257.610	-0.000047uv	mg/L	0.000008	17.7	-0.135394	-0.000047 mg/L	Y 371.029
Mn 259.372	-0.000145uv	mg/L	0.000021	14.5	50.4074	-0.000145 mg/L	Y 371.029
Mn 260.568	-0.000108uv	mg/L	0.000014	13.2	4.27108	-0.000108 mg/L	Y 371.029
Mo 202.032	0.016245	mg/L	0.002396	14.7	112.092	0.016245 mg/L	Y 371.029
Mo 203.846	0.016306	mg/L	0.004046	24.8	41.6842	0.016306 mg/L	Y 371.029
Mo 204.598	0.017333	mg/L	0.001617	9.3	43.5229	0.017333 mg/L	Y 371.029
Na 568.821	0.469563	mg/L	0.095218	20.3	244.989	0.469563 mg/L	Y 371.029
Na 588.995	-0.202926uv	mg/L	0.000515	0.3	215947	-0.202926 mg/L	Y 371.029
Na 589.592	-0.058536uv	mg/L	0.000476	0.8	75488.4	-0.058536 mg/L	Y 371.029
Ni 216.555	-0.000039uv	mg/L	0.000198	505.7	4.04605	-0.000039 mg/L	Y 371.029
Ni 221.648	0.000683	mg/L	0.000266	38.9	4.56811	0.000683 mg/L	Y 371.029
Ni 231.604	-0.000881uv	mg/L	0.000099	11.2	6.19007	-0.000881 mg/L	Y 371.029
P 177.434	-0.001042uv	mg/L	0.001709	164.0	1.57373	-0.001042 mg/L	Y 371.029
P 213.618	0.003124	mg/L	0.001536	49.2	2.42891	0.003124 mg/L	Y 371.029
P 214.914	0.003162	mg/L	0.003065	96.9	3.79845	0.003162 mg/L	Y 371.029
Pb 220.353	-0.000967uv	mg/L	0.002251	232.8	3.68831	-0.000967 mg/L	Y 371.029
Pb 261.417	0.011657	mg/L	0.007629	65.4	25.3191	0.011657 mg/L	Y 371.029
Pb 405.781	-0.008313uv	mg/L	0.007182	86.4	27.3783	-0.008313 mg/L	Y 371.029
Sb 206.834	0.054268	mg/L	0.002906	5.4	41.8016	0.054268 mg/L	Y 371.029
Sb 231.146	0.063563	mg/L	0.015183	23.9	33.6887	0.063563 mg/L	Y 371.029
Sb 259.804	0.061598	mg/L	0.011074	18.0	31.8057	0.061598 mg/L	Y 371.029
Se 196.026	0.000959uv	mg/L	0.003912	408.0	9.05599	0.000959 mg/L	Y 371.029
Se 203.985	0.013163uv	mg/L	0.021317	161.9	5.91822	0.013163 mg/L	Y 371.029
Si 250.690	uncal	mg/L	0.001396	8.3	136.223	uncal mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.002446	671.7	145.617	uncal mg/L	Y 371.029
Si 288.158	0.023514	mg/L	0.000513	2.2	1516.41	0.023514 mg/L	Y 371.029
Sn 189.927	0.003644	mg/L	0.001728	47.4	3.87126	0.003644 mg/L	Y 371.029
Sn 283.998	-0.001515uv	mg/L	0.003392	224.0	20.1357	-0.001515 mg/L	Y 371.029
Sr 216.596	-0.000139uv	mg/L	0.000232	166.8	16.7756	-0.000139 mg/L	Y 371.029
Sr 407.771	-0.000035uv	mg/L	0.000004	10.1	5273.57	-0.000035 mg/L	Y 371.029
Sr 421.552	-0.000010uv	mg/L	0.000002	20.9	3187.00	-0.000010 mg/L	Y 371.029
Ti 334.941	0.000728	mg/L	0.000254	34.9	244.826	0.000728 mg/L	Y 371.029
Ti 336.122	0.000817	mg/L	0.000317	38.8	118.170	0.000817 mg/L	Y 371.029
Ti 337.280	0.000865	mg/L	0.000516	59.7	23.5385	0.000865 mg/L	Y 371.029
Tl 190.794	-0.000296uv	mg/L	0.000761	257.1	1.47743	-0.000296 mg/L	Y 371.029
Tl 190.807	0.002541	mg/L	0.001428	56.2	1.12799	0.002541 mg/L	Y 371.029
Tl 351.923	0.000696uv	mg/L	0.006098	876.3	12.3805	0.000696 mg/L	Y 371.029
V 268.796	-0.003104uv	mg/L	0.000777	25.0	63.6607	-0.003104 mg/L	Y 371.029
V 292.401	-0.000068uv	mg/L	0.000068	99.6	33.7098	-0.000068 mg/L	Y 371.029
V 311.837	0.000506	mg/L	0.000165	32.5	10.1836	0.000506 mg/L	Y 371.029
Zn 202.548	0.000285uv	mg/L	0.001086	381.2	731.804	0.000285 mg/L	Y 371.029
Zn 206.200	0.000930	mg/L	0.000499	53.7	232.817	0.000930 mg/L	Y 371.029
Zn 213.857	-0.000680uv	mg/L	0.001585	232.9	1211.39	-0.000680 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22020	9784.51	21.715	0.2
Y 371.029	0.930091	153378	309.491	0.2

4/1/2011 11:29:27 AM	Worksheet created from template
4/1/2011 11:29:27 AM	>>>New Worksheet2011C.vwst
4/1/2011 12:04:03 PM	Analysis started.
4/1/2011 12:07:06 PM	**Measured Blank**
4/1/2011 12:10:08 PM	**Measured Standard 1**
4/1/2011 12:13:43 PM	**Measured Standard 2**
4/1/2011 12:17:56 PM	**Measured Standard 3**
4/1/2011 12:21:41 PM	**Measured Standard 4**
4/1/2011 12:25:31 PM	**Measured Standard 5**
4/1/2011 12:29:44 PM	**Measured Standard 6**
4/1/2011 12:33:56 PM	**Measured Standard 7**
4/1/2011 12:35:25 PM	Calibration(Reslope) failed [As 188.980]: Maximum error has been exceeded.
4/1/2011 12:35:25 PM	Calibration(Reslope) failed [Si 251.611]: Maximum error has been exceeded.
4/1/2011 12:35:25 PM	Calibration(Reslope) failed [Si 250.690]: Maximum error has been exceeded.
4/1/2011 12:35:25 PM	Calibration(Reslope) failed [Ag 338.289]: Maximum error has been exceeded.
4/1/2011 12:35:25 PM	Calibration(Reslope) failed [As 228.812]: Maximum error has been exceeded.
4/1/2011 12:35:26 PM	Continuing in emission.
4/1/2011 12:35:34 PM	Analysis completed.
4/1/2011 12:37:01 PM	Analysis started.
4/1/2011 12:40:03 PM	**Measured SEQ-ICV1**
4/1/2011 12:41:31 PM	Analysis completed.
4/1/2011 12:44:30 PM	Analysis started.
4/1/2011 12:47:31 PM	**Measured SEQ-ICB1**
4/1/2011 12:50:29 PM	**Measured SEQ-LCV1**
4/1/2011 12:54:16 PM	**Measured SEQ-HCV1**
4/1/2011 12:58:29 PM	**Measured SEQ-IFA1**
4/1/2011 1:02:42 PM	**Measured SEQ-IFB1**
4/1/2011 1:06:38 PM	**Measured SEQ-CCV1**
4/1/2011 1:10:35 PM	**Measured SEQ-CCB1**
4/1/2011 1:11:01 PM	Analysis completed.
4/1/2011 1:20:05 PM	Analysis started.
4/1/2011 1:23:08 PM	**Measured 11C1536-04**
4/1/2011 1:26:53 PM	**Measured 1114154-BLK1**
4/1/2011 1:29:52 PM	**Measured 1114154-BS1**
4/1/2011 1:34:04 PM	**Measured 11C1255-03**
4/1/2011 1:38:16 PM	**Measured 1114154-DUP1**
4/1/2011 1:42:12 PM	**Measured 1114154-MS1**
4/1/2011 1:46:26 PM	**Measured 1114154-MSD1**
4/1/2011 1:50:24 PM	**Measured 11C1255-03**
4/1/2011 1:54:15 PM	**Measured 1114154-DUP1**
4/1/2011 1:58:28 PM	Request to stop the worksheet run after completing this solution.
4/1/2011 1:58:07 PM	**Measured 1114154-PS1**
4/1/2011 2:00:01 PM	Analysis started.
4/1/2011 2:03:03 PM	**Measured SEQ-CCV2**
4/1/2011 2:06:57 PM	**Measured SEQ-CCB2**
4/1/2011 2:09:56 PM	**Measured 11C1255-04**
4/1/2011 2:13:50 PM	**Measured 11C1255-16**
4/1/2011 2:17:50 PM	**Measured 11C1255-17**
4/1/2011 2:22:03 PM	**Measured 11C1255-42**
4/1/2011 2:25:54 PM	**Measured 11C1255-43**
4/1/2011 2:29:55 PM	**Measured 11C1255-43**
4/1/2011 2:33:48 PM	**Measured 11C1255-44**
4/1/2011 2:35:16 PM	Analysis completed.
4/1/2011 3:10:59 PM	Analysis started.
4/1/2011 3:14:01 PM	**Measured 11C1444-01**
4/1/2011 3:15:40 PM	Analysis completed.
4/1/2011 3:53:22 PM	Analysis started.
4/1/2011 3:56:23 PM	**Measured 1114265-BLK1**
4/1/2011 3:59:47 PM	**Measured 1114265-BS1**
4/1/2011 4:03:38 PM	**Measured SEQ-CCV3**
4/1/2011 4:07:50 PM	**Measured SEQ-CCB3**
4/1/2011 4:08:18 PM	Analysis completed.
4/1/2011 4:17:08 PM	Analysis started.
4/1/2011 4:20:10 PM	**Measured 1114265-BSD1**
4/1/2011 4:24:04 PM	**Measured 11C1393-01**
4/1/2011 4:28:19 PM	**Measured 1114265-PS1**
4/1/2011 4:32:33 PM	**Measured 11C1393-02**
4/1/2011 4:37:24 PM	Request to stop the worksheet run after completing this solution.
4/1/2011 4:36:31 PM	**Measured 11C1393-03**
4/1/2011 4:40:48 PM	Analysis started.
4/1/2011 4:43:49 PM	**Measured 11C1393-04**
4/1/2011 4:48:01 PM	**Measured 11C1393-05**
4/1/2011 4:51:55 PM	**Measured 11C1393-06**
4/1/2011 4:56:07 PM	**Measured 1114229-BLK1**
4/1/2011 4:59:10 PM	**Measured 1114229-BS1**
4/1/2011 5:03:23 PM	**Measured SEQ-CCV4**
4/1/2011 5:07:17 PM	**Measured SEQ-CCB4**
4/1/2011 5:10:18 PM	**Measured 11C1536-01**
4/1/2011 5:13:55 PM	**Measured 1114229-DUP1**
4/1/2011 5:17:32 PM	**Measured 1114229-MS1**
4/1/2011 5:21:20 PM	**Measured 1114229-MSD1**
4/1/2011 5:25:07 PM	**Measured 11C1536-02**
4/1/2011 5:29:06 PM	**Measured 11C1536-03**
4/1/2011 5:32:55 PM	**Measured 11C1536-04**
4/1/2011 5:37:08 PM	**Measured 11C1536-05**
4/1/2011 5:40:56 PM	**Measured 11C1536-06**
4/1/2011 5:44:41 PM	**Measured 11C1536-07**

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D0507 **Matrix:** Water **Department:** Metals **Instrument:** Hg

```
================================================================================
Element: Hg    Seq. No.: 95       AS Loc.: 5   Date: 04/04/2011
Sample ID: 5.0 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                            0.0572   0.2801   0.0573   04:19:02  No
 2                            0.0574   0.2862   0.0575   04:19:31  No
 3                            0.0559   0.2764   0.0559   04:20:00  No
Mean:                         0.0569
SD  :                         0.0008
%RSD:                         1.4905
[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient:  0.99948                Slope: 0.01074
Intercept : 0.00068
--------------------------------------------------------------------------------

Calibration data for Hg
                                    Entered      Calculated
                      Mean Signal  Concentration Concentration  Standard
    Standard ID       (Pk Height)      (µg/L)        (µg/L)    Deviation    %RSD
    Calib Blank         0.0000          ---           ----        ----       ----
      0.2 PPB           0.0021         0.200         0.135      0.0000      1.2
      1.0 PPB           0.0112         1.000         0.979      0.0001      0.7
      2.0 PPB           0.0226         2.000         2.038      0.0005      2.1
      5.0 PPB           0.0569         5.000         5.231      0.0008      1.5
      10.0 PPB          0.1068        10.000         9.880      0.0008      0.8
     Correlation Coefficient: 0.99948   Slope:    0.01074   Intercept: 0.0007
--------------------------------------------------------------------------------
================================================================================
Method Name: Hg_dept40
Method Description: Hg_dept40
Element: Hg

Date: 04/04/2011
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: 110404A.SIF         Results Data Set Name: 110404A

================================================================================
Element: Hg    Seq. No.: 1        AS Loc.: 1   Date: 04/04/2011
Sample ID: Calib Blank
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                            0.0000  -0.0008   0.0000   04:22:21  No
 2                            0.0000  -0.0016   0.0000   04:22:50  No
 3                            0.0000  -0.0009   0.0000   04:23:20  No
Mean:                         0.0000
SD  :                         0.0000
%RSD:                        97.6237
Auto-zero performed.

================================================================================
Element: Hg    Seq. No.: 2        AS Loc.: 2   Date: 04/04/2011
Sample ID: 0.2 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                            0.0000  -0.0004   0.0000   04:24:33  No
 2                            0.0001   0.0000   0.0001   04:25:02  No
 3                            0.0000  -0.0058   0.0000   04:25:31  No
Mean:                         0.0000
SD  :                         0.0001
%RSD:                       500.4158
[Hg] Standard number 1 applied. [0.200]
```

Correlation Coefficient: 1.00000 Slope: 0.00007
Intercept : 0.00000

==========

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 04/04/2011
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0119	0.0582	0.0119	04:26:44	No
2			0.0119	0.0571	0.0119	04:27:13	No
3			0.0117	0.0565	0.0117	04:27:42	No
Mean:			0.0118				
SD :			0.0001				
%RSD:			1.0607				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.98216 Slope: 0.01266
Intercept : -0.00112

==========

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 04/04/2011
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0239	0.1197	0.0240	04:28:56	No
2			0.0235	0.1227	0.0235	04:29:25	No
3			0.0235	0.1089	0.0235	04:29:54	No
Mean:			0.0236				
SD :			0.0003				
%RSD:			1.1478				

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99563 Slope: 0.01238
Intercept : -0.00104

==========

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 04/04/2011
Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0596	0.2645	0.0596	04:31:09	No
2			0.0605	0.2866	0.0605	04:31:38	No
3			0.0599	0.2764	0.0599	04:32:07	No
Mean:			0.0600				
SD :			0.0005				
%RSD:			0.7698				

[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99931 Slope: 0.01221
Intercept : -0.00092

==========

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 04/04/2011
Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1139	0.5247	0.1139	04:33:22	No
2			0.1131	0.5478	0.1131	04:33:51	No
3			0.1068	0.4783	0.1068	04:34:21	No
Mean:			0.1113				
SD :			0.0039				
%RSD:			3.4974				

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99888 Slope: 0.01129
Intercept : 0.00022

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0000	---	----	----	----
0.2 PPB	0.0000	0.200	-0.018	0.0001	500.4
1.0 PPB	0.0118	1.000	1.028	0.0001	1.1
2.0 PPB	0.0236	2.000	2.074	0.0003	1.1
5.0 PPB	0.0600	5.000	5.296	0.0005	0.8
10.0 PPB	0.1113	10.000	9.839	0.0039	3.5

Correlation Coefficient: 0.99888 Slope: 0.01129 Intercept: 0.0002

```
================================================================================
Element: Hg    Seq. No.: 7        AS Loc.: 2   Date: 04/04/2011
Sample ID: 0.2 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak     Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area     Height           Stored
 1                            0.0025   0.0110   0.0026   04:36:01  No
 2                            0.0025   0.0116   0.0025   04:36:30  No
 3                            0.0026   0.0123   0.0026   04:36:59  No
Mean:                         0.0026
SD  :                         0.0000
%RSD:                         1.6731
[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient:  0.99928                Slope: 0.01119
Intercept : 0.00093
--------------------------------------------------------------------------------

Calibration data for Hg
                                    Entered      Calculated
                      Mean Signal  Concentration Concentration  Standard
    Standard ID       (Pk Height)      (µg/L)        (µg/L)    Deviation    %RSD
    Calib Blank         0.0000          ---           ----        ----       ----
      0.2 PPB           0.0026         0.200         0.145       0.0000      1.7
      1.0 PPB           0.0118         1.000         0.973       0.0001      1.1
      2.0 PPB           0.0236         2.000         2.028       0.0003      1.1
      5.0 PPB           0.0600         5.000         5.278       0.0005      0.8
      10.0 PPB          0.1113        10.000         9.859       0.0039      3.5
     Correlation Coefficient: 0.99928   Slope:    0.01119   Intercept: 0.0009
--------------------------------------------------------------------------------

================================================================================
Element: Hg    Seq. No.: 8        AS Loc.: 0   Date: 04/04/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak     Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area     Height           Stored
 1       -0.084    -0.084    0.0000  -0.0015   0.0000   04:38:31  No
 2       -0.077    -0.077    0.0001  -0.0001   0.0001   04:39:00  No
 3       -0.075    -0.075    0.0001   0.0002   0.0001   04:39:29  No
Mean:    -0.079    -0.079    0.0001
SD  :    0.0052    0.0052    0.0001
%RSD:       6.6       6.6  113.3114
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 9        AS Loc.: 7   Date: 04/04/2011
Sample ID: ICV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak     Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area     Height           Stored
 1        3.189     3.189    0.0366   0.1731   0.0366   04:40:41  No
 2        3.081     3.081    0.0354   0.1620   0.0354   04:41:10  No
 3        3.188     3.188    0.0366   0.1631   0.0366   04:41:39  No
Mean:     3.153     3.153    0.0362
SD  :    0.0620    0.0620    0.0007
%RSD:       2.0       2.0    1.9173
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 10       AS Loc.: 1   Date: 04/04/2011
Sample ID: ICB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak     Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area     Height           Stored
 1       -0.072    -0.072    0.0001   0.0007   0.0001   04:42:53  No
 2       -0.074    -0.074    0.0001   0.0007   0.0001   04:43:22  No
 3       -0.075    -0.075    0.0001   0.0006   0.0001   04:43:51  No
Mean:    -0.074    -0.074    0.0001
```

SD : 0.0011 0.0011 0.0000
%RSD: 1.5 1.5 11.4207
QC value within specified limits.

==========
Element: Hg Seq. No.: 11 AS Loc.: 9 Date: 04/04/2011
Sample ID: 1114258-BLK1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.073	-0.073	0.0001	0.0013	0.0002	04:45:01	No
2	-0.074	-0.074	0.0001	0.0010	0.0002	04:45:30	No
3	-0.078	-0.078	0.0001	0.0008	0.0001	04:45:59	No
Mean:	-0.075	-0.075	0.0001				
SD :	0.0026	0.0026	0.0000				
%RSD:	3.5	3.5	32.9887				

==========
Element: Hg Seq. No.: 12 AS Loc.: 10 Date: 04/04/2011
Sample ID: 1114258-BS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.103	2.103	0.0245	0.1114	0.0245	04:47:11	No
2	2.063	2.063	0.0240	0.1097	0.0241	04:47:40	No
3	2.065	2.065	0.0240	0.1135	0.0241	04:48:09	No
Mean:	2.077	2.077	0.0242				
SD :	0.0223	0.0223	0.0003				
%RSD:	1.1	1.1	1.0343				

==========
Element: Hg Seq. No.: 13 AS Loc.: 11 Date: 04/04/2011
Sample ID: 11C1255-03

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.074	-0.074	0.0001	0.0011	0.0002	04:49:21	No
2	-0.076	-0.076	0.0001	0.0009	0.0002	04:49:50	No
3	-0.072	-0.072	0.0001	0.0013	0.0002	04:50:19	No
Mean:	-0.074	-0.074	0.0001				
SD :	0.0019	0.0019	0.0000				
%RSD:	2.6	2.6	21.0733				

==========
Element: Hg Seq. No.: 14 AS Loc.: 12 Date: 04/04/2011
Sample ID: 11C1255-04

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.075	-0.075	0.0001	0.0011	0.0002	04:51:33	No
2	-0.082	-0.082	0.0000	0.0004	0.0001	04:52:02	No
3	-0.083	-0.083	0.0000	0.0003	0.0001	04:52:31	No
Mean:	-0.080	-0.080	0.0000				
SD :	0.0040	0.0040	0.0000				
%RSD:	5.0	5.0	131.6349				

==========
Element: Hg Seq. No.: 15 AS Loc.: 13 Date: 04/04/2011
Sample ID: 11C1255-16

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.078	-0.078	0.0001	0.0006	0.0001	04:53:45	No
2	-0.078	-0.078	0.0001	0.0008	0.0001	04:54:14	No
3	-0.077	-0.077	0.0001	0.0008	0.0001	04:54:43	No
Mean:	-0.077	-0.077	0.0001				

SD : 0.0007 0.0007 0.0000
%RSD: 1.0 1.0 12.7584

==========
Element: Hg Seq. No.: 16 AS Loc.: 14 Date: 04/04/2011
Sample ID: 11C1255-17

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.042	-0.042	0.0005	0.0031	0.0005	04:55:58	No
2	-0.078	-0.078	0.0001	0.0005	0.0001	04:56:27	No
3	-0.072	-0.072	0.0001	0.0014	0.0002	04:56:56	No
Mean:	-0.064	-0.064	0.0002				
SD :	0.0195	0.0195	0.0002				
%RSD:	30.4	30.4	102.6873				

==========
Element: Hg Seq. No.: 17 AS Loc.: 15 Date: 04/04/2011
Sample ID: 11C1244-42

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.076	-0.076	0.0001	0.0004	0.0001	04:58:12	No
2	-0.072	-0.072	0.0001	0.0013	0.0002	04:58:41	No
3	-0.077	-0.077	0.0001	0.0003	0.0001	04:59:09	No
Mean:	-0.075	-0.075	0.0001				
SD :	0.0025	0.0025	0.0000				
%RSD:	3.3	3.3	31.0911				

==========
Element: Hg Seq. No.: 18 AS Loc.: 16 Date: 04/04/2011
Sample ID: 11C1255-43

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.073	-0.073	0.0001	0.0004	0.0002	05:00:27	No
2	-0.068	-0.068	0.0002	0.0015	0.0002	05:00:56	No
3	-0.075	-0.075	0.0001	0.0002	0.0002	05:01:25	No
Mean:	-0.072	-0.072	0.0001				
SD :	0.0034	0.0034	0.0000				
%RSD:	4.8	4.8	31.0211				

==========
Element: Hg Seq. No.: 19 AS Loc.: 17 Date: 04/04/2011
Sample ID: 11C1255-44

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.080	-0.080	0.0000	0.0000	0.0001	05:02:38	No
2	-0.075	-0.075	0.0001	0.0009	0.0002	05:03:08	No
3	-0.084	-0.084	0.0000	-0.0002	0.0001	05:03:37	No
Mean:	-0.080	-0.080	0.0000				
SD :	0.0042	0.0042	0.0000				
%RSD:	5.2	5.2	119.0968				

==========
Element: Hg Seq. No.: 20 AS Loc.: 18 Date: 04/04/2011
Sample ID: 11C1448-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.031	-0.031	0.0006	0.0039	0.0007	05:04:47	No
2	-0.032	-0.032	0.0006	0.0039	0.0006	05:05:16	No
3	-0.033	-0.033	0.0006	0.0032	0.0006	05:05:45	No
Mean:	-0.032	-0.032	0.0006				
SD :	0.0012	0.0012	0.0000				

%RSD: 3.7 3.7 2.2571

==========

Element: Hg Seq. No.: 21 AS Loc.: 8 Date: 04/04/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.265	3.265	0.0375	0.1678	0.0375	05:07:00	No
2	3.212	3.212	0.0369	0.1642	0.0369	05:07:29	No
3	3.240	3.240	0.0372	0.1722	0.0372	05:07:57	No
Mean:	3.239	3.239	0.0372				
SD :	0.0265	0.0265	0.0003				
%RSD:	0.8	0.8	0.7977				

QC value within specified limits.

==========

Element: Hg Seq. No.: 22 AS Loc.: 1 Date: 04/04/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.071	-0.071	0.0001	0.0008	0.0002	05:09:12	No
2	-0.072	-0.072	0.0001	0.0006	0.0001	05:09:40	No
3	-0.072	-0.072	0.0001	0.0007	0.0001	05:10:10	No
Mean:	-0.072	-0.072	0.0001				
SD :	0.0006	0.0006	0.0000				
%RSD:	0.9	0.9	5.6467				

QC value within specified limits.

==========

Element: Hg Seq. No.: 23 AS Loc.: 19 Date: 04/04/2011
Sample ID: 11C1646-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.081	-0.081	0.0000	0.0005	0.0001	05:11:22	No
2	-0.081	-0.081	0.0000	0.0006	0.0001	05:11:51	No
3	-0.081	-0.081	0.0000	0.0005	0.0001	05:12:20	No
Mean:	-0.081	-0.081	0.0000				
SD :	0.0004	0.0004	0.0000				
%RSD:	0.4	0.4	17.0565				

==========

Element: Hg Seq. No.: 24 AS Loc.: 20 Date: 04/04/2011
Sample ID: 11C1646-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.078	-0.078	0.0001	0.0006	0.0001	05:13:31	No
2	-0.083	-0.083	0.0000	-0.0002	0.0001	05:14:01	No
3	-0.083	-0.083	0.0000	-0.0001	0.0001	05:14:30	No
Mean:	-0.082	-0.082	0.0000				
SD :	0.0033	0.0033	0.0000				
%RSD:	4.0	4.0	201.3701				

==========

Element: Hg Seq. No.: 25 AS Loc.: 21 Date: 04/04/2011
Sample ID: 11C1648-04

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.081	-0.081	0.0000	0.0008	0.0001	05:15:42	No
2	-0.087	-0.087	0.0000	-0.0002	0.0000	05:16:11	No
3	-0.083	-0.083	0.0000	0.0003	0.0001	05:16:40	No
Mean:	-0.084	-0.084	0.0000				

SD : 0.0030 0.0030 0.0000
%RSD: 3.6 3.6 548.8444

==========

Element: Hg Seq. No.: 26 AS Loc.: 22 Date: 04/04/2011
Sample ID: 11C1654-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.397	2.397	0.0278	0.1228	0.0278	05:17:52	No
2	2.448	2.448	0.0283	0.1263	0.0284	05:18:21	No
3	2.429	2.429	0.0281	0.1253	0.0282	05:18:50	No
Mean:	2.425	2.425	0.0281				
SD :	0.0258	0.0258	0.0003				
%RSD:	1.1	1.1	1.0297				

==========

Element: Hg Seq. No.: 27 AS Loc.: 23 Date: 04/04/2011
Sample ID: 11C1658-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.005	2.005	0.0234	0.1005	0.0234	05:20:03	No
2	2.080	2.080	0.0242	0.1070	0.0243	05:20:32	No
3	2.043	2.043	0.0238	0.1064	0.0239	05:21:01	No
Mean:	2.043	2.043	0.0238				
SD :	0.0375	0.0375	0.0004				
%RSD:	1.8	1.8	1.7635				

==========

Element: Hg Seq. No.: 28 AS Loc.: 24 Date: 04/04/2011
Sample ID: 11C1700-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.032	-0.032	0.0006	0.0033	0.0006	05:22:15	No
2	-0.039	-0.039	0.0005	0.0023	0.0006	05:22:43	No
3	-0.037	-0.037	0.0005	0.0025	0.0006	05:23:13	No
Mean:	-0.036	-0.036	0.0005				
SD :	0.0035	0.0035	0.0000				
%RSD:	9.7	9.7	7.4737				

==========

Element: Hg Seq. No.: 29 AS Loc.: 25 Date: 04/04/2011
Sample ID: 11C1700-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.069	-0.069	0.0002	0.0015	0.0002	05:24:27	No
2	-0.073	-0.073	0.0001	0.0007	0.0002	05:24:56	No
3	-0.070	-0.070	0.0001	0.0011	0.0002	05:25:25	No
Mean:	-0.071	-0.071	0.0001				
SD :	0.0020	0.0020	0.0000				
%RSD:	2.8	2.8	15.8993				

==========

Element: Hg Seq. No.: 30 AS Loc.: 26 Date: 04/04/2011
Sample ID: 11C1726-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.076	-0.076	0.0001	0.0009	0.0001	05:26:39	No
2	-0.074	-0.074	0.0001	0.0010	0.0002	05:27:08	No
3	-0.077	-0.077	0.0001	0.0007	0.0001	05:27:37	No
Mean:	-0.076	-0.076	0.0001				
SD :	0.0014	0.0014	0.0000				

%RSD: 1.9 1.9 19.2868

==========

Element: Hg Seq. No.: 31 AS Loc.: 27 Date: 04/04/2011
Sample ID: 11C1727-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.073	-0.073	0.0001	0.0008	0.0002	05:28:52	No
2	-0.074	-0.074	0.0001	0.0009	0.0002	05:29:21	No
3	-0.072	-0.072	0.0001	0.0011	0.0002	05:29:50	No
Mean:	-0.073	-0.073	0.0001				
SD :	0.0010	0.0010	0.0000				
%RSD:	1.3	1.3	9.8696				

==========

Element: Hg Seq. No.: 32 AS Loc.: 28 Date: 04/04/2011
Sample ID: 11C1727-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.079	-0.079	0.0000	0.0004	0.0001	05:31:06	No
2	-0.080	-0.080	0.0000	0.0003	0.0001	05:31:35	No
3	-0.082	-0.082	0.0000	0.0001	0.0001	05:32:04	No
Mean:	-0.080	-0.080	0.0000				
SD :	0.0016	0.0016	0.0000				
%RSD:	2.0	2.0	57.8682				

==========

Element: Hg Seq. No.: 33 AS Loc.: 8 Date: 04/04/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.225	3.225	0.0370	0.1594	0.0370	05:33:21	No
2	3.266	3.266	0.0375	0.1652	0.0375	05:33:50	No
3	3.228	3.228	0.0371	0.1626	0.0371	05:34:19	No
Mean:	3.240	3.240	0.0372				
SD :	0.0232	0.0232	0.0003				
%RSD:	0.7	0.7	0.6995				

QC value within specified limits.

==========

Element: Hg Seq. No.: 34 AS Loc.: 1 Date: 04/04/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.075	-0.075	0.0001	0.0003	0.0001	05:35:33	No
2	-0.076	-0.076	0.0001	0.0002	0.0001	05:36:02	No
3	-0.077	-0.077	0.0001	0.0005	0.0001	05:36:31	No
Mean:	-0.076	-0.076	0.0001				
SD :	0.0009	0.0009	0.0000				
%RSD:	1.2	1.2	12.2271				

QC value within specified limits.

==========

Element: Hg Seq. No.: 35 AS Loc.: 29 Date: 04/04/2011
Sample ID: 1114258-DUP1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.083	-0.083	0.0000	0.0002	0.0001	05:37:45	No
2	-0.079	-0.079	0.0000	0.0007	0.0001	05:38:14	No
3	-0.079	-0.079	0.0000	0.0008	0.0001	05:38:43	No
Mean:	-0.080	-0.080	0.0000				

SD : 0.0023 0.0023 0.0000
%RSD: 2.8 2.8 78.8719

==========
Element: Hg Seq. No.: 36 AS Loc.: 30 Date: 04/04/2011
Sample ID: 1114258-MS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.105	2.105	0.0245	0.1077	0.0246	05:39:59	No
2	2.104	2.104	0.0245	0.1085	0.0245	05:40:28	No
3	2.118	2.118	0.0246	0.1078	0.0247	05:40:57	No
Mean:	2.109	2.109	0.0245				
SD :	0.0076	0.0076	0.0001				
%RSD:	0.4	0.4	0.3481				

==========
Element: Hg Seq. No.: 37 AS Loc.: 31 Date: 04/04/2011
Sample ID: 1114258-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.104	2.104	0.0245	0.1073	0.0245	05:42:14	No
2	2.086	2.086	0.0243	0.1080	0.0243	05:42:43	No
3	2.097	2.097	0.0244	0.1080	0.0245	05:43:12	No
Mean:	2.096	2.096	0.0244				
SD :	0.0093	0.0093	0.0001				
%RSD:	0.4	0.4	0.4281				

==========
Element: Hg Seq. No.: 38 AS Loc.: 32 Date: 04/04/2011
Sample ID: 1114259-BLK1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.078	-0.078	0.0001	0.0006	0.0001	05:44:26	No
2	-0.080	-0.080	0.0000	0.0005	0.0001	05:44:55	No
3	-0.079	-0.079	0.0000	0.0007	0.0001	05:45:24	No
Mean:	-0.079	-0.079	0.0000				
SD :	0.0010	0.0010	0.0000				
%RSD:	1.3	1.3	24.9195				

==========
Element: Hg Seq. No.: 39 AS Loc.: 33 Date: 04/04/2011
Sample ID: 1114259-BS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.160	2.160	0.0251	0.1090	0.0252	05:46:34	No
2	2.153	2.153	0.0250	0.1106	0.0251	05:47:03	No
3	2.129	2.129	0.0248	0.1073	0.0248	05:47:32	No
Mean:	2.147	2.147	0.0250				
SD :	0.0161	0.0161	0.0002				
%RSD:	0.8	0.8	0.7226				

==========
Element: Hg Seq. No.: 40 AS Loc.: 34 Date: 04/04/2011
Sample ID: 11C1536-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.562	0.562	0.0072	0.0313	0.0073	05:48:42	No
2	0.576	0.576	0.0074	0.0332	0.0074	05:49:11	No
3	0.571	0.571	0.0073	0.0320	0.0074	05:49:40	No
Mean:	0.570	0.570	0.0073				
SD :	0.0072	0.0072	0.0001				

%RSD: 1.3 1.3 1.1052

==========

Element: Hg Seq. No.: 41 AS Loc.: 35 Date: 04/04/2011
Sample ID: 11C1536-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.039	-0.039	0.0005	0.0026	0.0006	05:50:51	No
2	-0.041	-0.041	0.0005	0.0023	0.0005	05:51:20	No
3	-0.041	-0.041	0.0005	0.0027	0.0005	05:51:49	No
Mean:	-0.040	-0.040	0.0005				
SD :	0.0010	0.0010	0.0000				
%RSD:	2.6	2.6	2.4197				

==========

Element: Hg Seq. No.: 42 AS Loc.: 36 Date: 04/04/2011
Sample ID: 11C1536-03

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.455	0.455	0.0060	0.0269	0.0061	05:53:01	No
2	0.462	0.462	0.0061	0.0275	0.0062	05:53:30	No
3	0.460	0.460	0.0061	0.0274	0.0061	05:54:00	No
Mean:	0.459	0.459	0.0061				
SD :	0.0038	0.0038	0.0000				
%RSD:	0.8	0.8	0.7013				

==========

Element: Hg Seq. No.: 43 AS Loc.: 37 Date: 04/04/2011
Sample ID: 11C1536-04

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.055	-0.055	0.0003	0.0023	0.0004	05:55:12	No
2	-0.074	-0.074	0.0001	0.0011	0.0002	05:55:41	No
3	-0.053	-0.053	0.0003	0.0022	0.0004	05:56:10	No
Mean:	-0.061	-0.061	0.0003				
SD :	0.0116	0.0116	0.0001				
%RSD:	19.1	19.1	51.5992				

==========

Element: Hg Seq. No.: 44 AS Loc.: 38 Date: 04/04/2011
Sample ID: 11C1536-05

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.072	-0.072	0.0001	0.0014	0.0002	05:57:22	No
2	-0.068	-0.068	0.0002	0.0018	0.0002	05:57:51	No
3	-0.067	-0.067	0.0002	0.0019	0.0002	05:58:20	No
Mean:	-0.069	-0.069	0.0002				
SD :	0.0025	0.0025	0.0000				
%RSD:	3.6	3.6	17.6792				

==========

Element: Hg Seq. No.: 45 AS Loc.: 8 Date: 04/04/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.511	2.511	0.0290	0.1302	0.0291	05:59:35	No
2	2.538	2.538	0.0293	0.1317	0.0293	06:00:04	No
3	2.538	2.538	0.0293	0.1296	0.0293	06:00:33	No
Mean:	2.529	2.529	0.0292				
SD :	0.0152	0.0152	0.0002				
%RSD:	0.6	0.6	0.5826				

QC failed, value less than lower limit for Hg.
Current analysis method being continued.

==========

Element: Hg Seq. No.: 46 AS Loc.: 1 Date: 04/04/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.068	-0.068	0.0002	0.0015	0.0002	06:01:47	No
2	-0.066	-0.066	0.0002	0.0017	0.0002	06:02:17	No
3	-0.072	-0.072	0.0001	0.0010	0.0001	06:02:47	No
Mean:	-0.069	-0.069	0.0002				
SD :	0.0029	0.0029	0.0000				
%RSD:	4.2	4.2	19.6831				

QC value within specified limits.

==========

Element: Hg Seq. No.: 47 AS Loc.: 39 Date: 04/04/2011
Sample ID: 11C1536-06

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.084	-0.084	0.0000	0.0000	0.0001	06:03:59	No
2	-0.082	-0.082	0.0000	0.0001	0.0001	06:04:28	No
3	-0.083	-0.083	0.0000	0.0003	0.0001	06:04:57	No
Mean:	-0.083	-0.083	0.0000				
SD :	0.0011	0.0011	0.0000				
%RSD:	1.3	1.3	1009.3840				

==========

Element: Hg Seq. No.: 48 AS Loc.: 40 Date: 04/04/2011
Sample ID: 11C1536-07

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.082	-0.082	0.0000	0.0000	0.0001	06:06:11	No
2	-0.076	-0.076	0.0001	0.0007	0.0001	06:06:40	No
3	-0.077	-0.077	0.0001	0.0005	0.0001	06:07:10	No
Mean:	-0.078	-0.078	0.0001				
SD :	0.0027	0.0027	0.0000				
%RSD:	3.4	3.4	57.4849				

==========

Element: Hg Seq. No.: 49 AS Loc.: 41 Date: 04/04/2011
Sample ID: 1114259-DUP1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.078	-0.078	0.0001	0.0008	0.0001	06:08:24	No
2	-0.076	-0.076	0.0001	0.0006	0.0001	06:08:54	No
3	-0.074	-0.074	0.0001	0.0011	0.0002	06:09:23	No
Mean:	-0.076	-0.076	0.0001				
SD :	0.0018	0.0018	0.0000				
%RSD:	2.4	2.4	24.6317				

==========

Element: Hg Seq. No.: 50 AS Loc.: 42 Date: 04/04/2011
Sample ID: 1114259-MS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.638	1.638	0.0193	0.0856	0.0193	06:10:37	No
2	1.623	1.623	0.0191	0.0851	0.0192	06:11:07	No
3	1.644	1.644	0.0193	0.0861	0.0194	06:11:36	No
Mean:	1.635	1.635	0.0192				

SD :	0.0109	0.0109	0.0001
%RSD:	0.7	0.7	0.6342

==========

Element: Hg Seq. No.: 51 AS Loc.: 43 Date: 04/04/2011
Sample ID: 1114259-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.611	1.611	0.0190	0.0842	0.0190	06:12:51	No
2	1.604	1.604	0.0189	0.0852	0.0190	06:13:20	No
3	1.607	1.607	0.0189	0.0854	0.0190	06:13:49	No
Mean:	1.607	1.607	0.0189				
SD :	0.0032	0.0032	0.0000				
%RSD:	0.2	0.2	0.1875				

==========

Element: Hg Seq. No.: 52 AS Loc.: 8 Date: 04/04/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.623	2.623	0.0303	0.1349	0.0303	06:15:06	No
2	2.634	2.634	0.0304	0.1360	0.0304	06:15:35	No
3	2.635	2.635	0.0304	0.1365	0.0304	06:16:04	No
Mean:	2.631	2.631	0.0304				
SD :	0.0070	0.0070	0.0001				
%RSD:	0.3	0.3	0.2562				

QC failed, value less than lower limit for Hg.
Current analysis method being continued.

==========

Element: Hg Seq. No.: 53 AS Loc.: 1 Date: 04/04/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.065	-0.065	0.0002	0.0015	0.0002	06:17:18	No
2	-0.069	-0.069	0.0002	0.0013	0.0002	06:17:47	No
3	-0.069	-0.069	0.0002	0.0013	0.0002	06:18:16	No
Mean:	-0.068	-0.068	0.0002				
SD :	0.0018	0.0018	0.0000				
%RSD:	2.7	2.7	11.7869				

QC value within specified limits.

```
================================================================================
Element: Hg    Seq. No.: 54       AS Loc.: 0   Date: 04/05/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.081    -0.081    0.0000   0.0004   0.0001   10:17:05  No
 2       -0.080    -0.080    0.0000   0.0006   0.0001   10:17:34  No
 3       -0.076    -0.076    0.0001   0.0012   0.0002   10:18:03  No
Mean:    -0.079    -0.079    0.0000
SD  :    0.0028    0.0028    0.0000
%RSD:       3.6       3.6   63.7234
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 55       AS Loc.: 8   Date: 04/05/2011
Sample ID: CCV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        3.109     3.109    0.0357   0.1720   0.0357   10:19:16  No
 2        3.092     3.092    0.0355   0.1688   0.0355   10:19:45  No
 3        3.123     3.123    0.0359   0.1694   0.0359   10:20:14  No
Mean:     3.108     3.108    0.0357
SD  :    0.0158    0.0158    0.0002
%RSD:       0.5       0.5    0.4950
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 56       AS Loc.: 1   Date: 04/05/2011
Sample ID: CCB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.067    -0.067    0.0002   0.0008   0.0002   10:21:28  No
 2       -0.075    -0.075    0.0001   0.0001   0.0001   10:21:57  No
 3       -0.074    -0.074    0.0001   0.0003   0.0001   10:22:26  No
Mean:    -0.072    -0.072    0.0001
SD  :    0.0041    0.0041    0.0000
%RSD:       5.6       5.6   36.3501
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 57       AS Loc.: 44   Date: 04/05/2011
Sample ID: 1114258-DUP1
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.088    -0.088   -0.0001  -0.0002   0.0001   10:23:40  No
 2       -0.085    -0.085    0.0000   0.0005   0.0001   10:24:09  No
 3       -0.086    -0.086    0.0000   0.0005   0.0001   10:24:38  No
Mean:    -0.086    -0.086    0.0000
SD  :    0.0013    0.0013    0.0000
%RSD:       1.5       1.5   40.2971

================================================================================
Element: Hg    Seq. No.: 58       AS Loc.: 45   Date: 04/05/2011
Sample ID: 1114258-MS1
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        2.055     2.055    0.0239   0.1105   0.0240   10:25:54  No
 2        2.034     2.034    0.0237   0.1090   0.0238   10:26:23  No
 3        2.036     2.036    0.0237   0.1091   0.0238   10:26:53  No
Mean:     2.042     2.042    0.0238
SD  :    0.0116    0.0116    0.0001
%RSD:       0.6       0.6    0.5445
```

Element: Hg Seq. No.: 59 AS Loc.: 46 Date: 04/05/2011
Sample ID: 114258-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.033	2.033	0.0237	0.1096	0.0238	10:28:09	No
2	2.030	2.030	0.0237	0.1095	0.0238	10:28:39	No
3	2.036	2.036	0.0237	0.1095	0.0238	10:29:08	No
Mean:	2.033	2.033	0.0237				
SD :	0.0030	0.0030	0.0000				
%RSD:	0.1	0.1	0.1413				

Element: Hg Seq. No.: 60 AS Loc.: 8 Date: 04/05/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.420	3.420	0.0392	0.1792	0.0392	10:30:25	No
2	3.429	3.429	0.0393	0.1786	0.0393	10:30:55	No
3	3.398	3.398	0.0390	0.1780	0.0390	10:31:24	No
Mean:	3.416	3.416	0.0392				
SD :	0.0158	0.0158	0.0002				
%RSD:	0.5	0.5	0.4519				

QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

Element: Hg Seq. No.: 61 AS Loc.: 1 Date: 04/05/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.071	-0.071	0.0001	0.0007	0.0002	10:32:38	No
2	-0.078	-0.078	0.0001	0.0005	0.0001	10:33:07	No
3	-0.078	-0.078	0.0001	0.0001	0.0001	10:33:36	No
Mean:	-0.076	-0.076	0.0001				
SD :	0.0044	0.0044	0.0000				
%RSD:	5.9	5.9	60.2260				

QC value within specified limits.

Sample Information File C:\AAUSER\SAMPINFO\110404A.SIF

Description : Hg Aqueous
Batch ID :
Volume Units :
Weight Units :
Analyst : APS
Sample Volume : 0.00

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	RINSE				
1	CALIBRATION BLANK				
2	STD 0.2 PPB				
3	STD 1.0 PPB				
4	STD 2.0 PPB				
5	STD 5.0 PPB				
6	STD 10.0 PPB				
7	ICV				
8	CCV				
9	1114258-BLK1				
10	1114258-BS1				
11	11C1255-03				
12	11C1255-04				
13	11C1255-16				
14	11C1255-17				
15	11C1244-42				
16	11C1255-43				
17	11C1255-44				
18	11C1448-01				
19	11C1646-01				
20	11C1646-02				
21	11C1648-04				
22	11C1654-01				
23	11C1658-01				
24	11C1700-01				
25	11C1700-02				
26	11C1726-01				
27	11C1727-01				
28	11C1727-02				
29	1114258-DUP1				
30	1114258-MS1				
31	1114258-MSD1				
32	1114259-BLK1				
33	1114259-BS1				
34	11C1536-01				
35	11C1536-02				
36	11C1536-03				
37	11C1536-04				
38	11C1536-05				
39	11C1536-06				
40	11C1536-07				
41	1114259-DUP1				
42	1114259-MS1				
43	1114259-MSD1				
44	1114258-DUP1				
45	1114258-MS1				
46	114258-MSD1				

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D0707 **Matrix:** Water **Department:** SVOC GCMS **Instrument:** MSD5

Injection Log

Data Directory: C:\MSD5\2011\APR\APR0611\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) S5040601.D				
SEQ-TUN	PCP,DFTPP,BENZ,DDT	100	1.000	6 Apr 2011 11:53 am
2) S5040602.D				
SEQ-CCV	MC12320 >1mL=40ppm	1	1.000	6 Apr 2011 12:28 pm
3) S5040603.D				
SEQ-ICB	MB10749,1ml	2	1.000	6 Apr 2011 1:03 pm
4) S5040604.D				
1115107-BS1	1,50 PPM LCS,1000ml+	3	1.000	6 Apr 2011 3:00 pm
5) S5040605.D				
1115107-BSD1	1,50 PPM LCS,1000ml+	4	1.000	6 Apr 2011 3:35 pm
6) S5040606.D				
1115107-BLK1	1,METHOD BLANK,1000m	5	1.000	6 Apr 2011 4:10 pm
7) S5040607.D				
11D0110-01	1,NORTHRUP,200ml+1ml	6	1.000	6 Apr 2011 4:45 pm
8) S5040608.D				
11D0110-02	1,NORTHRUP,200ml+1ml	7	1.000	6 Apr 2011 5:20 pm
9) S5040609.D				
11D0195-01	1,APEX,1000ml+1ml,BN	8	1.000	6 Apr 2011 5:55 pm
10) S5040610.D				
11C0963-01	1,APEX,1000ml+1ml,BN	9	1.000	6 Apr 2011 6:30 pm
11) S5040611.D				
11C1643-01	1,APEX,980ml+1ml,BNA	10	1.000	6 Apr 2011 7:05 pm
12) S5040612.D				
11C1644-01	1,APEX,900ml+1ml,BNA	11	1.000	6 Apr 2011 7:40 pm
13) S5040613.D				
11C1645-01	1,APEX,980ml+1ml,BNA	12	1.000	6 Apr 2011 8:15 pm
14) S5040614.D				
SEQ-ICB	MB10749,1ml	2	1.000	6 Apr 2011 8:50 pm
15) S5040615.D				
SEQ-CCV	MC12320>1ml=40ppm	1	1.000	6 Apr 2011 9:25 pm
16) S5040616.D				
SEQ-ICB	MB10749,1ml	2	1.000	6 Apr 2011 10:01 pm
17) S5040617.D				
SEQ-ICB	MB10749,1ml	2	1.000	6 Apr 2011 10:36 pm

GC/MS QA-QC Check Report

Tune File : C:\MSD5\2011\APR\APR0611\S5040601.D
Tune Time : 6 Apr 2011 11:53 am

Daily Calibration File : C:\MSD5\2011\APR\APR0611\S5040602.D

	(2FP)	(PHL)	(NBZ)	(FBP)	(DCB)	(NPT)	(ANT)
					75387	281141	159807
	(TBP)	(TPH)			(PHN)	(CRY)	(PRY)
					226919	225002	189930

File	Sample	Surrogate Recovery %				Internal Standard Responses		
S5040602.D								
	SEQ-CCV	51	51	78	75	75387	281141	159807
		50	78			226919	225002	189930
S5040603.D								
	SEQ-ICB	99*	99*	96	92	45659	170106	96476
		74	99			158499	128965	100296
S5040604.D								
	1115107-BS	53	35	80	74	106983	410603	241803
		78	86			343024	314499	255030
S5040605.D								
	1115107-BS	53	37	81	76	73878	276817	161826
		86	82			223236	226545	181044
S5040606.D								
	1115107-BL	50	34	80	74	94606	358959	213680
		71	81			357776	295171	239001
S5040607.D								
	11D0110-01	51	16	81	80	67562	263334	154017
		75	84			253492	214330	167987
S5040608.D								
	11D0110-02	52	34	83	80	71204	276328	160953
		77	85			267753	223771	178542
S5040609.D								
	11D0195-01	42	21	81	79	99161	376658	215396
		71	80			361597	296360	235184
S5040610.D								
	11C0963-01	49	34	74	72	81244	311978	178219
		70	77			295787	248472	210108
S5040611.D								
	11C1643-01	40	27	66	62	89973	336966	194630
		70	64			305814	256388	212683
S5040612.D								
	11C1644-01	46	34	65	63	93495	354960	202076
		70	78			325425	261888	224561
S5040613.D								
	11C1645-01	48	32	74	70	99338	377745	217962
		73	62			332447	281887	245174
S5040614.D								
	SEQ-ICB	101*	96*	98	96	47760	176410	99654
		85	107			163027	121717	101847
S5040615.D								

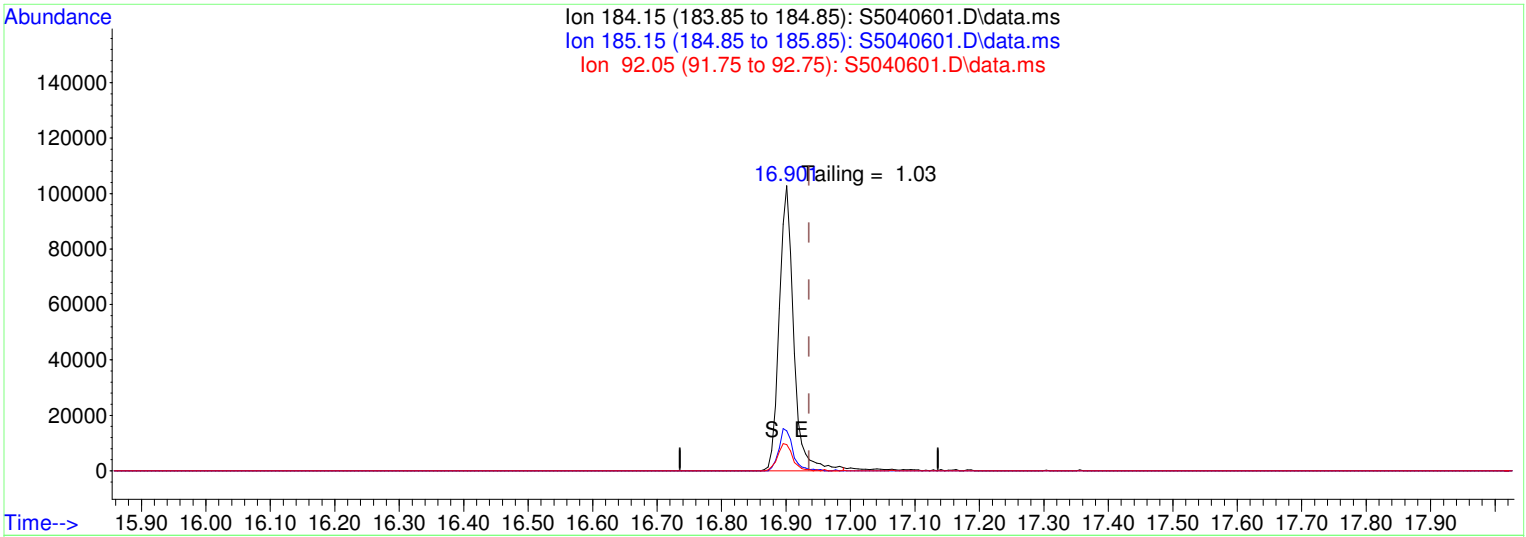
	SEQ-CCV	51	50	76	73	74144	272486	161069
		53	74			220353	227791	207719
S5040616.D								
	SEQ-ICB	101*	97*	95	96	49487	187396	104757
		81	107			164951	124183	99154
S5040617.D								
	SEQ-ICB	100*	99*	95	93	48249	181763	103181
		81	102			165725	126095	97308

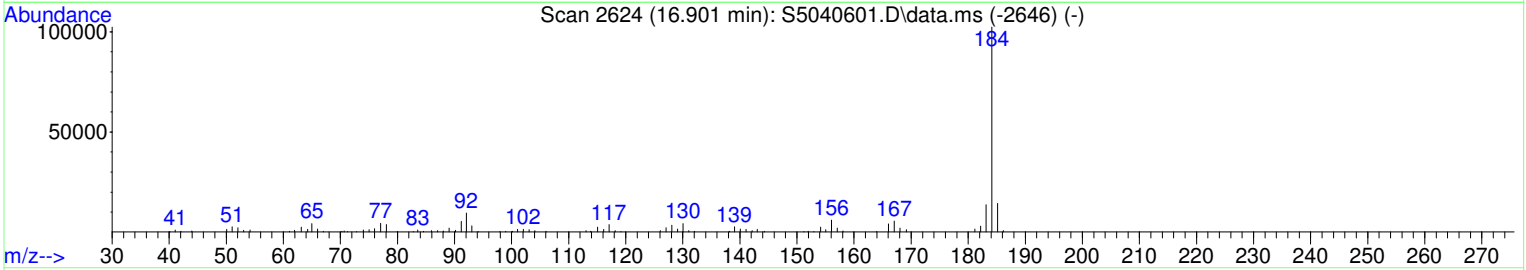
(fails) - fails 12hr time check * - fails criteria

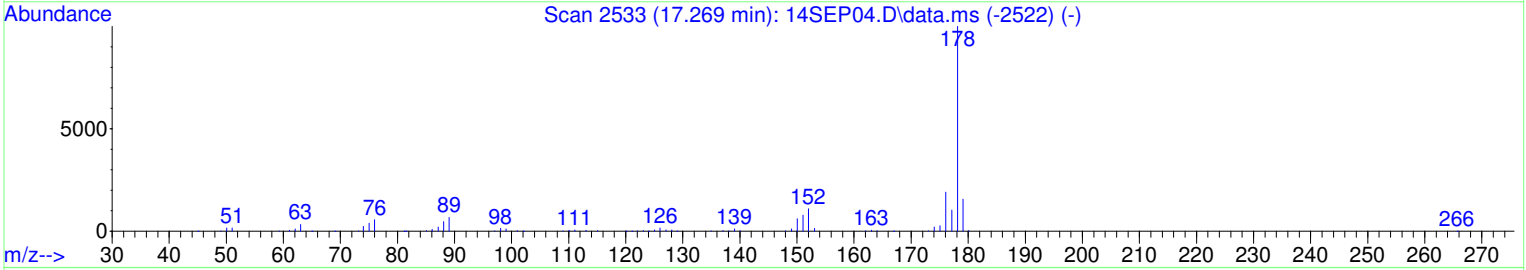
Created: Thu Apr 07 13:18:25 2011 MSD5

Data File : C:\MSD5\2011\APR\APR0611\S5040601.D Vial: 100
Acq On : 6 Apr 2011 11:53 am Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 07 08:22:49 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5040601.D\data.ms

(12) Benzidine

16.901min (-0.035) 0.00 ug/mL

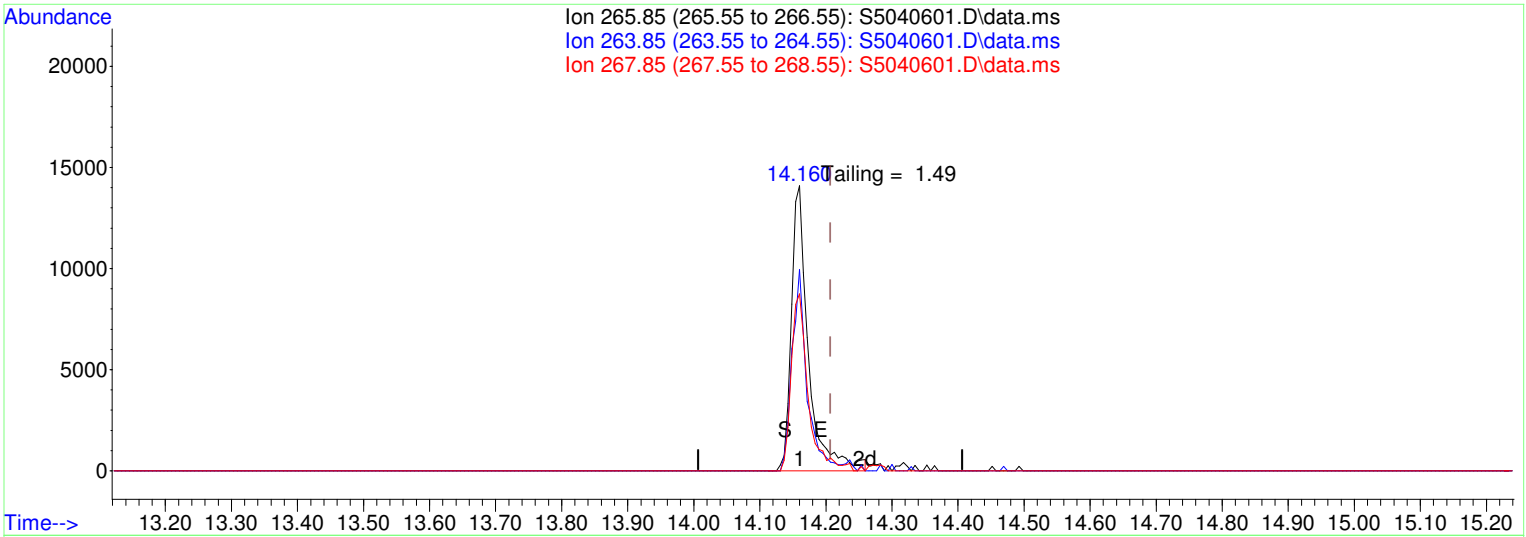
response 162418

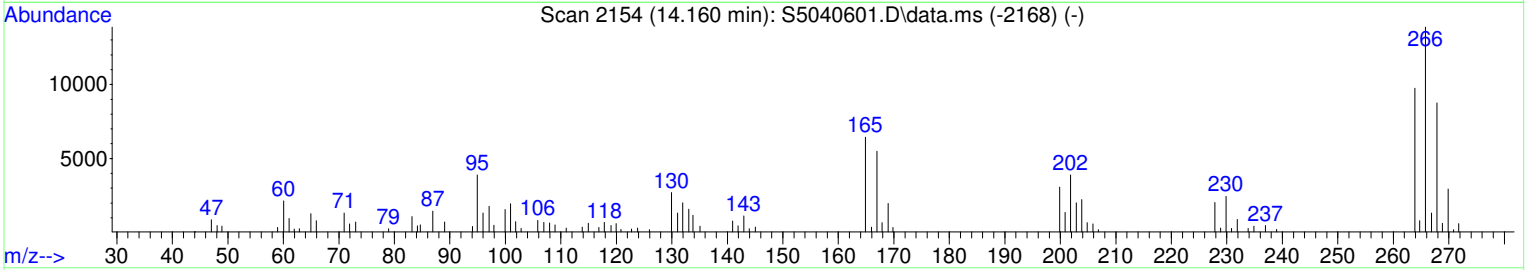
Ion	Exp%	Act%
184.15	100	100
185.15	14.50	13.97
92.05	8.50	9.24
0.00	0.00	0.00

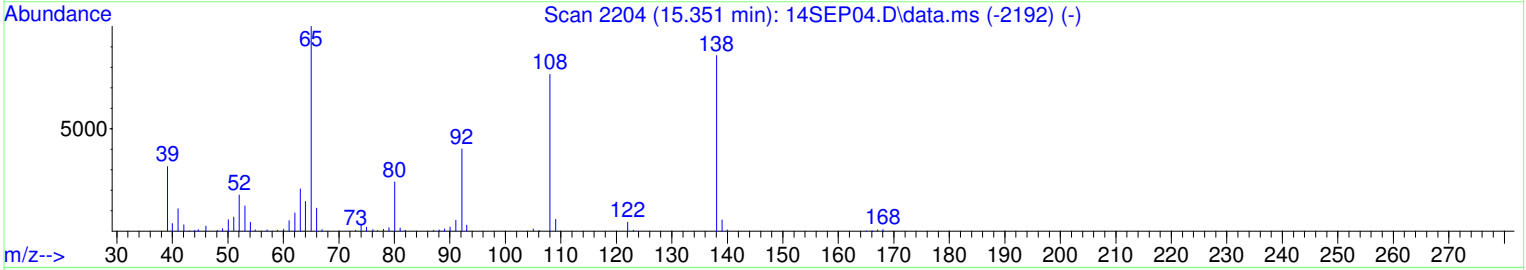
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\APR\APR0611\S5040601.D Vial: 100
Acq On : 6 Apr 2011 11:53 am Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 07 08:22:49 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5040601.D\data.ms

(10) Pentachlorophenol (CM*)

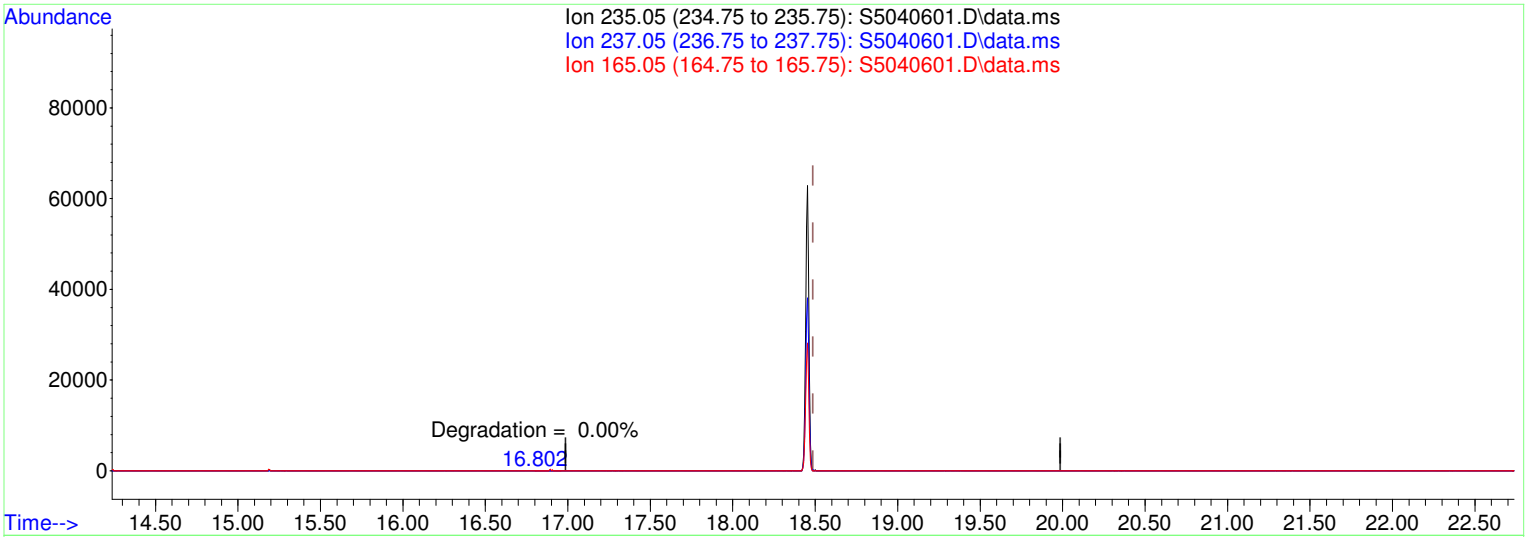
14.160min (-0.047) 0.00 ug/mL

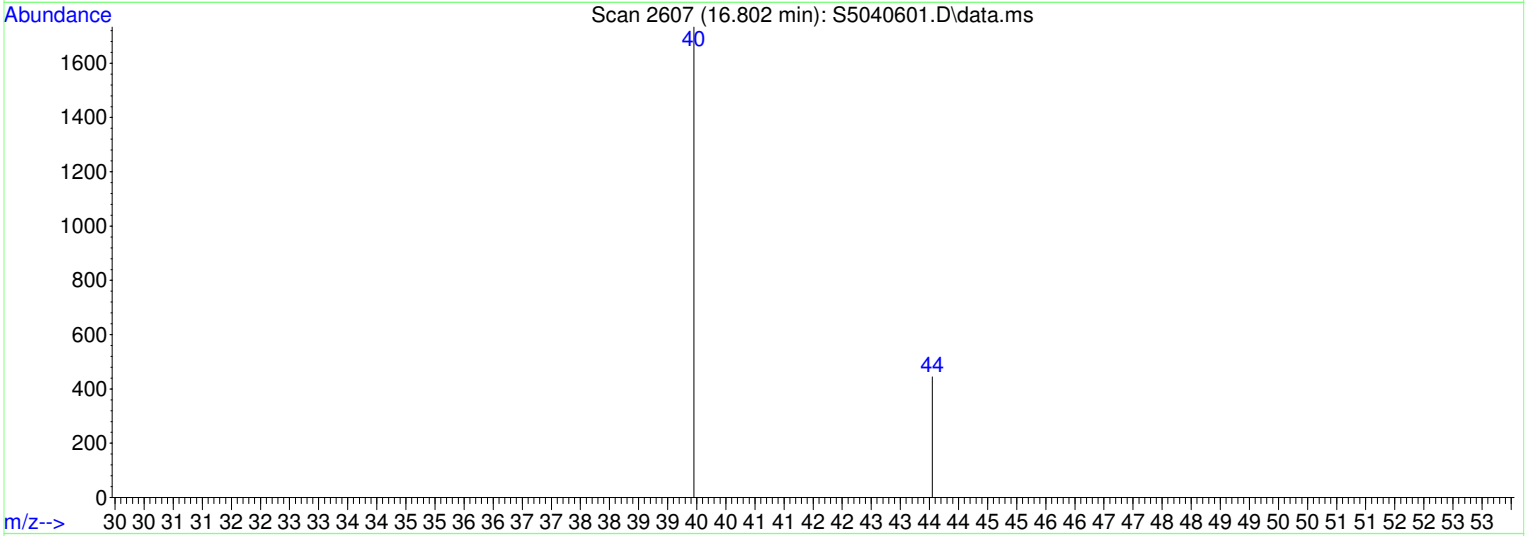
response 24714

Ion	Exp%	Act%
265.85	100	100
263.85	61.50	70.63
267.85	62.40	62.07
0.00	0.00	0.00

Data File : C:\MSD5\2011\APR\APR0611\S5040601.D Vial: 100
Acq On : 6 Apr 2011 11:53 am Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 07 08:22:49 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration





TIC: S5040601.D\data.ms

(7) p,p'-DDT

16.802min (-1.685) 0.00 ug/mL m

response 0

Ion	Exp%	Act%
235.05	100	0.00
237.05	64.80	0.00#
165.05	49.40	0.00#
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0611\S5040602.D Vial: 1
Acq On : 6 Apr 2011 12:28 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Apr 07 08:24:00 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	116	-0.05
2		N-Nitrosodimethylamine	40.000	38.831	2.9	108	-0.12
3	T	Pyridine	40.000	39.627	0.9	109	-0.14
4	S	2-Fluorophenol	40.000	37.973	5.1	108	-0.07
5		Pentachloroethane	40.000	37.276	6.8	108	-0.05
6		Aniline	40.000	38.625	3.4	111	-0.06
7	T	bis(2-Chloroethyl)ether	40.000	36.739	8.2	111	-0.05
8	S	Phenol-d5	40.000	38.188	4.5	109	-0.05
9	CM*	Phenol	40.000	39.482	1.3	113	-0.05
10	M	2-Chlorophenol	40.000	37.935	5.2	112	-0.05
11	T	1,3-Dichlorobenzene	40.000	37.869	5.3	109	-0.05
12	CM*	1,4-Dichlorobenzene	40.000	37.648	5.9	110	-0.05
13	T	1,2-Dichlorobenzene	40.000	37.966	5.1	111	-0.05
14	T	Benzyl alcohol	40.000	38.170	4.6	108	-0.05
15	T	bis(2-chloroisopropyl)ether	40.000	38.380	4.0	112	-0.05
16	T	2-Methylphenol	40.000	39.049	2.4	112	-0.05
17	T	Hexachloroethane	40.000	37.170	7.1	110	-0.05
18	PM**	N-Nitroso-di-n-propylamine	40.000	38.458	3.9	112	-0.05
19	T	4-Methylphenol,3-Methylphen	40.000	38.663	3.3	111	-0.05
20	I	Naphthalene-d8	40.000	40.000	0.0	117	-0.05
21	S	Nitrobenzene-d5	40.000	38.929	2.7	115	-0.05
22	T	Nitrobenzene	40.000	38.477	3.8	111	-0.05
23	T	Isophorone	40.000	37.821	5.4	111	-0.05
24	CT*	2-Nitrophenol	40.000	37.378	6.6	107	-0.05
25	T	2,4-Dimethylphenol	40.000	41.048	-2.6	119	-0.05
26	T	bis(2-Chloroethoxy)methane	40.000	37.528	6.2	111	-0.05
27	CT*	2,4-Dichlorophenol	40.000	38.313	4.2	107	-0.05
28	M	1,2,4-Trichlorobenzene	40.000	37.640	5.9	110	-0.05
29	T	Naphthalene	40.000	37.361	6.6	111	-0.05
30	T	4-Chloroaniline	40.000	38.263	4.3	111	-0.04
31	T	Benzoic Acid	40.000	34.456	13.9	108	-0.09
32	CT*	Hexachlorobutadiene	40.000	37.506	6.2	107	-0.05
33		Resorcinol	40.000	36.987	7.5	111	-0.06
34	CM*	4-Chloro-3-methylphenol	40.000	38.569	3.6	112	-0.04
35	T	2-Methylnaphthalene	40.000	37.180	7.1	112	-0.04
36		1-Methylnaphthalene	40.000	37.543	6.1	111	-0.05
37	I	Acenaphthene-d10	40.000	40.000	0.0	115	-0.05
38	PT**	Hexachlorocyclopentadiene	40.000	40.306	-0.8	117	-0.05
39	CT*	2,4,6-Trichlorophenol	40.000	39.135	2.2	109	-0.05
40	T	2,4,5-Trichlorophenol	40.000	39.277	1.8	109	-0.04
41	S	2-Fluorobiphenyl	40.000	37.664	5.8	108	-0.05
42	T	2-Chloronaphthalene	40.000	38.153	4.6	108	-0.05
43	T	2-Nitroaniline	40.000	41.391	-3.5	115	-0.05
44		1,4-Dinitrobenzene	40.000	38.465	3.8	113	-0.06
45	T	Acenaphthylene	40.000	38.596	3.5	108	-0.05
46	T	Dimethylphthalate	40.000	37.629	5.9	110	-0.05
47		1,3-Dinitrobenzene	40.000	36.353	9.1	106	-0.05
48		1,2-Dinitrobenzene	40.000	36.353	9.1	106	-0.05
49	T	2,6-Dinitrotoluene	40.000	37.966	5.1	107	-0.05
50	CM*	Acenaphthene	40.000	37.529	6.2	105	-0.05
51	T	3-Nitroaniline	40.000	36.740	8.1	102	-0.06
52	PT**	2,4-Dinitrophenol	40.000	38.400	4.0	111	-0.05
53	T	Dibenzofuran	40.000	37.314	6.7	106	-0.05

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0611\S5040602.D Vial: 1
Acq On : 6 Apr 2011 12:28 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Apr 07 08:24:00 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	39.302	1.7	110	-0.05
55		2,3,4,6-Tetrachlorophenol	40.000	36.302	9.2	100	-0.05
56	M	2,4-Dinitrotoluene	40.000	39.721	0.7	106	-0.05
57	PM**	4-Nitrophenol	40.000	37.702	5.7	110	-0.05
58	T	Fluorene	40.000	37.919	5.2	107	-0.05
59	T	4-Chlorophenyl-phenylether	40.000	36.710	8.2	104	-0.05
60	T	Diethylphthalate	40.000	35.466	11.3	102	-0.05
61	T	1,2-Diphenylhydrazine (Azob	40.000	38.358	4.1	109	-0.05
62	T	4-Nitroaniline	40.000	36.740	8.1	102	-0.06
63	I	Phenanthrene-d10	40.000	40.000	0.0	111	-0.05
64	T	4,6-Dinitro-2-methylphenol	40.000	35.470	11.3	99	-0.05
65	CT*	n-Nitrosodiphenylamine	40.000	36.557	8.6	107	-0.05
66	S	2,4,6-Tribromophenol	40.000	37.846	5.4	101	-0.05
67	T	4-Bromophenyl-phenylether	40.000	38.314	4.2	112	-0.05
68	T	Hexachlorobenzene	40.000	39.287	1.8	109	-0.05
69	CM*	Pentachlorophenol	40.000	39.128	2.2	116	-0.05
70	T	Phenanthrene	40.000	37.442	6.4	104	-0.05
71	T	Anthracene	40.000	37.774	5.6	105	-0.05
72	T	Carbazole	40.000	37.890	5.3	104	-0.06
73	T	Di-n-butylphthalate	40.000	35.655	10.9	96	-0.05
74	CT*	Fluoranthene	40.000	37.380	6.5	100	-0.06
75	I	Chrysene-d12	40.000	40.000	0.0	102	-0.06
76	M	Pyrene	40.000	39.857	0.4	101	-0.06
77		Benzidine	40.000	39.269	1.8	95	-0.05
78	S	Terphenyl-d14	40.000	38.872	2.8	101	-0.06
79		3,3'-Dimethylbenzidine	40.000	0.000	100.0#	0	-18.32#
80	T	Butylbenzylphthalate	40.000	35.821	10.4	90	-0.06
81		bis(2-ethylhexyl)adipate	40.000	35.073	12.3	90	-0.05
82	T	3,3'-Dichlorobenzidine	40.000	36.495	8.8	90	-0.06
83	T	Benzo[a]anthracene	40.000	37.303	6.7	94	-0.06
84	T	Chrysene	40.000	37.670	5.8	94	-0.07
85	T	bis(2-Ethylhexyl)phthalate	40.000	34.554	13.6	86	-0.05
86	I	Perylene-d12	40.000	40.000	0.0	105	-0.06
87	CT*	Di-n-octylphthalate	40.000	33.148	17.1	88	-0.05
88	T	Benzo[b]fluoranthene	40.000	37.553	6.1	100	-0.06
89	T	Benzo[k]fluoranthene	40.000	37.166	7.1	96	-0.07
90	CT*	Benzo[a]pyrene	40.000	37.925	5.2	99	-0.06
91	T	Indeno[1,2,3-cd]pyrene	40.000	39.364	1.6	101	-0.06
92	T	Dibenz[a,h]anthracene	40.000	39.139	2.2	103	-0.07
93	T	Benzo[g,h,i]perylene	40.000	41.699	-4.2	111	-0.06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0611\S5040615.D Vial: 1
Acq On : 6 Apr 2011 9:25 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Apr 07 08:21:49 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	114	-0.05
2		N-Nitrosodimethylamine	40.000	39.834	0.4	109	-0.13
3	T	Pyridine	40.000	41.118	-2.8	112	-0.13
4	S	2-Fluorophenol	40.000	38.122	4.7	106	-0.06
5		Pentachloroethane	40.000	37.505	6.2	107	-0.05
6		Aniline	40.000	38.669	3.3	109	-0.06
7	T	bis(2-Chloroethyl)ether	40.000	37.558	6.1	111	-0.05
8	S	Phenol-d5	40.000	37.683	5.8	106	-0.06
9	CM*	Phenol	40.000	39.263	1.8	111	-0.05
10	M	2-Chlorophenol	40.000	38.411	4.0	112	-0.05
11	T	1,3-Dichlorobenzene	40.000	38.342	4.1	109	-0.05
12	CM*	1,4-Dichlorobenzene	40.000	37.739	5.7	109	-0.05
13	T	1,2-Dichlorobenzene	40.000	37.950	5.1	109	-0.05
14	T	Benzyl alcohol	40.000	38.560	3.6	108	-0.06
15	T	bis(2-chloroisopropyl)ether	40.000	37.287	6.8	107	-0.04
16	T	2-Methylphenol	40.000	39.384	1.5	111	-0.04
17	T	Hexachloroethane	40.000	36.797	8.0	108	-0.04
18	PM**	N-Nitroso-di-n-propylamine	40.000	38.560	3.6	110	-0.05
19	T	4-Methylphenol,3-Methylphen	40.000	39.149	2.1	111	-0.04
20	I	Naphthalene-d8	40.000	40.000	0.0	114	-0.04
21	S	Nitrobenzene-d5	40.000	37.777	5.6	108	-0.04
22	T	Nitrobenzene	40.000	37.538	6.2	105	-0.05
23	T	Isophorone	40.000	37.447	6.4	107	-0.04
24	CT*	2-Nitrophenol	40.000	39.606	1.0	110	-0.04
25	T	2,4-Dimethylphenol	40.000	40.110	-0.3	113	-0.05
26	T	bis(2-Chloroethoxy)methane	40.000	37.971	5.1	109	-0.04
27	CT*	2,4-Dichlorophenol	40.000	39.272	1.8	106	-0.05
28	M	1,2,4-Trichlorobenzene	40.000	38.829	2.9	110	-0.05
29	T	Naphthalene	40.000	37.141	7.1	107	-0.05
30	T	4-Chloroaniline	40.000	38.605	3.5	108	-0.04
31	T	Benzoic Acid	40.000	40.722	-1.8	128	-0.07
32	CT*	Hexachlorobutadiene	40.000	38.061	4.8	106	-0.04
33		Resorcinol	40.000	31.725	20.7	93	-0.05
34	CM*	4-Chloro-3-methylphenol	40.000	39.232	1.9	110	-0.04
35	T	2-Methylnaphthalene	40.000	38.371	4.1	112	-0.04
36		1-Methylnaphthalene	40.000	37.699	5.8	108	-0.05
37	I	Acenaphthene-d10	40.000	40.000	0.0	116	-0.05
38	PT**	Hexachlorocyclopentadiene	40.000	39.944	0.1	117	-0.04
39	CT*	2,4,6-Trichlorophenol	40.000	38.958	2.6	110	-0.05
40	T	2,4,5-Trichlorophenol	40.000	41.231	-3.1	115	-0.04
41	S	2-Fluorobiphenyl	40.000	36.536	8.7	105	-0.04
42	T	2-Chloronaphthalene	40.000	37.285	6.8	106	-0.05
43	T	2-Nitroaniline	40.000	40.203	-0.5	112	-0.05
44		1,4-Dinitrobenzene	40.000	37.136	7.2	110	-0.06
45	T	Acenaphthylene	40.000	37.519	6.2	105	-0.05
46	T	Dimethylphthalate	40.000	36.640	8.4	108	-0.05
47		1,3-Dinitrobenzene	40.000	35.830	10.4	105	-0.05
48		1,2-Dinitrobenzene	40.000	35.830	10.4	105	-0.05
49	T	2,6-Dinitrotoluene	40.000	36.546	8.6	104	-0.05
50	CM*	Acenaphthene	40.000	37.368	6.6	105	-0.05
51	T	3-Nitroaniline	40.000	35.302	11.7	99	-0.05
52	PT**	2,4-Dinitrophenol	40.000	38.351	4.1	112	-0.05
53	T	Dibenzofuran	40.000	36.843	7.9	105	-0.05

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0611\S5040615.D Vial: 1
Acq On : 6 Apr 2011 9:25 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Apr 07 08:21:49 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	40.825	-2.1	115	-0.04
55		2,3,4,6-Tetrachlorophenol	40.000	38.486	3.8	107	-0.05
56	M	2,4-Dinitrotoluene	40.000	39.013	2.5	105	-0.05
57	PM**	4-Nitrophenol	40.000	37.574	6.1	110	-0.04
58	T	Fluorene	40.000	36.942	7.6	105	-0.05
59	T	4-Chlorophenyl-phenylether	40.000	35.906	10.2	102	-0.05
60	T	Diethylphthalate	40.000	34.788	13.0	101	-0.05
61	T	1,2-Diphenylhydrazine (Azob	40.000	36.635	8.4	105	-0.05
62	T	4-Nitroaniline	40.000	35.302	11.7	99	-0.05
63	I	Phenanthrene-d10	40.000	40.000	0.0	108	-0.05
64	T	4,6-Dinitro-2-methylphenol	40.000	38.861	2.8	106	-0.05
65	CT*	n-Nitrosodiphenylamine	40.000	37.533	6.2	106	-0.05
66	S	2,4,6-Tribromophenol	40.000	39.641	0.9	103	-0.05
67	T	4-Bromophenyl-phenylether	40.000	38.945	2.6	110	-0.05
68	T	Hexachlorobenzene	40.000	40.317	-0.8	108	-0.05
69	CM*	Pentachlorophenol	40.000	41.335	-3.3	119	-0.05
70	T	Phenanthrene	40.000	37.424	6.4	101	-0.05
71	T	Anthracene	40.000	37.617	6.0	102	-0.05
72	T	Carbazole	40.000	37.839	5.4	101	-0.05
73	T	Di-n-butylphthalate	40.000	37.212	7.0	98	-0.05
74	CT*	Fluoranthene	40.000	37.517	6.2	98	-0.05
75	I	Chrysene-d12	40.000	40.000	0.0	103	-0.06
76	M	Pyrene	40.000	38.548	3.6	99	-0.05
77		Benzidine	40.000	37.628	5.9	92	-0.05
78	S	Terphenyl-d14	40.000	37.149	7.1	97	-0.06
79		3,3'-Dimethylbenzidine	40.000	0.000	100.0#	0	-18.32#
80	T	Butylbenzylphthalate	40.000	35.377	11.6	90	-0.06
81		bis(2-ethylhexyl)adipate	40.000	35.601	11.0	92	-0.05
82	T	3,3'-Dichlorobenzidine	40.000	37.129	7.2	93	-0.06
83	T	Benzo[a]anthracene	40.000	36.407	9.0	93	-0.06
84	T	Chrysene	40.000	37.391	6.5	94	-0.06
85	T	bis(2-Ethylhexyl)phthalate	40.000	34.636	13.4	88	-0.05
86	I	Perylene-d12	40.000	40.000	0.0	115	-0.06
87	CT*	Di-n-octylphthalate	40.000	32.494	18.8	94	-0.05
88	T	Benzo[b]fluoranthene	40.000	35.577	11.1	104	-0.06
89	T	Benzo[k]fluoranthene	40.000	36.300	9.3	103	-0.06
90	CT*	Benzo[a]pyrene	40.000	37.247	6.9	106	-0.06
91	T	Indeno[1,2,3-cd]pyrene	40.000	41.698	-4.2	118	-0.06
92	T	Dibenz[a,h]anthracene	40.000	41.190	-3.0	119	-0.06
93	T	Benzo[g,h,i]perylene	40.000	40.478	-1.2	118	-0.06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D0710 **Matrix:** Water **Department:** Metals **Instrument:** Hg

Sample Information File C:\AAUSER\SAMPINFO\110407A.SIF

Description : Hg Aqueous
Batch ID :
Volume Units :
Weight Units :
Analyst : APS
Sample Volume : 0.00

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	RINSE				
1	CALIBRATION BLANK				
2	STD 0.2 PPB				
3	STD 1.0 PPB				
4	STD 2.0 PPB				
5	STD 5.0 PPB				
6	STD 10.0 PPB				
7	ICV				
8	CCV				
9	1115126-BLK1			1.0000	
10	1115126-BS1				
11	1115126-BLK2				
12	1115126-BS2				
13	11C0963-01				
14	1115126-DUP1				
15	1115126-MS1				
16	1115126-MSD1				
17	11C1255-01				
18	11C1255-02				
19	11C1255-05				
20	11C1255-06				
21	11C1255-10				
22	11C1255-11				
23	11C1255-12				
24	11C1255-13				
25	11C1255-14				
26	11C1255-15				
27	11C1255-20				
28	11C1255-45				
29	11C1255-46				
30	11C1255-47				
31	11C1255-48				
32	11C1255-49				
33	11C1643-01				
34	11C1644-01				
35	11C1645-01				
36	11D0094-01				
37	11D0094-02				
38	11D0094-03				
39	1115126-DUP2				
40	1115126-MS2				
41	1115126-MSD2				
42	11D0094-04				
43	11D0094-05				
44	11D0110-01				
45	11D0110-02				
46	11D0188-01				
47	11D0189-02				
48	11D0189-05				
49	11D0195-01				
50	11D0292-01				
51	11D0293-01				

==========

Method Name: Hg_dept40
Method Description: Hg_dept40
Element: Hg

Date: 04/07/2011
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: 110407A.SIF Results Data Set Name: 110407A

==========

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 04/07/2011
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0001	0.0004	0.0001	12:15:56	No
2			0.0001	0.0006	0.0001	12:16:26	No
3			0.0001	0.0003	0.0001	12:16:55	No
Mean:			0.0001				
SD :			0.0000				
%RSD:			25.2269				

Auto-zero performed.

==========

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 04/07/2011
Sample ID: 0.2 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0021	0.0117	0.0021	12:18:08	No
2			0.0019	0.0103	0.0020	12:18:37	No
3			0.0020	0.0109	0.0021	12:19:06	No
Mean:			0.0020				
SD :			0.0001				
%RSD:			4.1518				

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.00988
Intercept : 0.00000

==========

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 04/07/2011
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0113	0.0624	0.0114	12:20:19	No
2			0.0106	0.0554	0.0107	12:20:48	No
3			0.0109	0.0569	0.0109	12:21:17	No
Mean:			0.0109				
SD :			0.0004				
%RSD:			3.2381				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99980 Slope: 0.01102
Intercept : -0.00010

==========

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 04/07/2011
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0000	-0.0002	0.0000	12:22:32	No
2			0.0181	0.0932	0.0182	12:23:01	No

```
 3                          0.0205   0.1066   0.0205   12:23:30  No
Mean:                       0.0128
SD  :                       0.0112
%RSD:                      87.3616
[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient:  0.94103                Slope: 0.00662
Intercept : 0.00115

================================================================================
Element: Hg    Seq. No.: 5        AS Loc.: 5   Date: 04/07/2011
Sample ID: 5.0 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                          -0.0001  -0.0004   0.0000   12:24:45  No
 2                           0.0603   0.3182   0.0603   12:25:14  No
 3                           0.0554   0.2807   0.0555   12:25:43  No
Mean:                       0.0385
SD  :                       0.0335
%RSD:                      86.9572
[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient:  0.99138                Slope: 0.00749
Intercept : 0.00058

================================================================================
Element: Hg    Seq. No.: 6        AS Loc.: 6   Date: 04/07/2011
Sample ID: 10.0 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                           0.1088   0.5556   0.1089   12:26:58  No
 2                           0.1050   0.5294   0.1051   12:27:27  No
 3                           0.1069   0.5353   0.1070   12:27:56  No
Mean:                       0.1069
SD  :                       0.0019
%RSD:                       1.7591
[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient:  0.98798                Slope: 0.01042
Intercept : -0.00306
--------------------------------------------------------------------------------

Calibration data for Hg
                                  Entered      Calculated
                    Mean Signal  Concentration Concentration  Standard
    Standard ID     (Pk Height)     (µg/L)        (µg/L)    Deviation    %RSD
    Calib Blank       0.0001         ---           ----        ----      ----
      0.2 PPB         0.0020        0.200         0.483      0.0001      4.2
      1.0 PPB         0.0109        1.000         1.345      0.0004      3.2
      2.0 PPB         0.0128        2.000         1.527      0.0112     87.4
      5.0 PPB         0.0385        5.000         3.994      0.0335     87.0
      10.0 PPB        0.1069       10.000         10.56      0.0019      1.8
     Correlation Coefficient: 0.98798   Slope:    0.01042   Intercept: -0.0031
--------------------------------------------------------------------------------
Correlation coefficient for [Hg] is less than the specified (0.987982).
System continuing with sample measurements.
```

```
================================================================================
Element: Hg    Seq. No.: 7        AS Loc.: 4   Date: 04/07/2011
Sample ID: 2.0 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                            0.0222   0.1162   0.0223   12:31:11  No
 2                            0.0217   0.1116   0.0218   12:31:40  No
 3                            0.0220   0.1121   0.0220   12:32:09  No
Mean:                         0.0220
SD  :                         0.0003
%RSD:                         1.1808
[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient:  0.98902                Slope: 0.01029
Intercept : -0.00116

================================================================================
Element: Hg    Seq. No.: 8        AS Loc.: 5   Date: 04/07/2011
Sample ID: 5.0 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                            0.0600   0.3070   0.0601   12:33:27  No
 2                            0.0581   0.2913   0.0581   12:33:56  No
 3                            0.0587   0.2926   0.0587   12:34:25  No
Mean:                         0.0589
SD  :                         0.0010
%RSD:                         1.6903
[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient:  0.99871                Slope: 0.01083
Intercept : 0.00061
--------------------------------------------------------------------------------

Calibration data for Hg
                                    Entered      Calculated
                     Mean Signal  Concentration Concentration  Standard
    Standard ID      (Pk Height)      (µg/L)        (µg/L)    Deviation    %RSD
    Calib Blank        0.0001          ---           ----        ----       ----
      0.2 PPB          0.0020         0.200         0.126      0.0001      4.2
      1.0 PPB          0.0109         1.000         0.955      0.0004      3.2
      2.0 PPB          0.0220         2.000         1.972      0.0003      1.2
      5.0 PPB          0.0589         5.000         5.386      0.0010      1.7
      10.0 PPB         0.1069        10.000         9.819      0.0019      1.8
     Correlation Coefficient: 0.99871   Slope:    0.01083   Intercept: 0.0006
--------------------------------------------------------------------------------

================================================================================
Element: Hg    Seq. No.: 9        AS Loc.: 0   Date: 04/07/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.041    -0.041    0.0002   0.0013   0.0002   12:37:47  No
 2       -0.042    -0.042    0.0002   0.0014   0.0002   12:38:16  No
 3       -0.045    -0.045    0.0001   0.0013   0.0002   12:38:45  No
Mean:    -0.043    -0.043    0.0002
SD  :    0.0021    0.0021    0.0000
%RSD:       5.0       5.0   14.8025
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 10       AS Loc.: 7   Date: 04/07/2011
Sample ID: ICV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        3.275     3.275    0.0361   0.1793   0.0361   12:39:57  No
 2        3.236     3.236    0.0356   0.1755   0.0357   12:40:26  No
```

3	3.259	3.259	0.0359	0.1763	0.0360	12:40:55	No
Mean:	3.257	3.257	0.0359				
SD :	0.0197	0.0197	0.0002				
%RSD:	0.6	0.6	0.5959				

QC value within specified limits.

==========

Element: Hg Seq. No.: 11 AS Loc.: 1 Date: 04/07/2011
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.041	-0.041	0.0002	0.0015	0.0002	12:42:08	No
2	-0.046	-0.046	0.0001	0.0009	0.0002	12:42:38	No
3	-0.048	-0.048	0.0001	0.0009	0.0002	12:43:07	No
Mean:	-0.045	-0.045	0.0001				
SD :	0.0037	0.0037	0.0000				
%RSD:	8.2	8.2	30.7753				

QC value within specified limits.

==========

Element: Hg Seq. No.: 12 AS Loc.: 9 Date: 04/07/2011
Sample ID: 1115126-BLK1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.068	-0.068	-0.0001	-0.0001	0.0001	12:44:18	No
2	-0.067	-0.067	-0.0001	0.0002	0.0001	12:44:47	No
3	-0.063	-0.063	-0.0001	0.0007	0.0002	12:45:16	No
Mean:	-0.066	-0.066	-0.0001				
SD :	0.0029	0.0029	0.0000				
%RSD:	4.4	4.4	30.9216				

==========

Element: Hg Seq. No.: 13 AS Loc.: 10 Date: 04/07/2011
Sample ID: 1115126-BS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.141	2.141	0.0238	0.1180	0.0240	12:46:28	No
2	2.081	2.081	0.0231	0.1141	0.0234	12:46:57	No
3	2.091	2.091	0.0233	0.1153	0.0235	12:47:26	No
Mean:	2.104	2.104	0.0234				
SD :	0.0320	0.0320	0.0003				
%RSD:	1.5	1.5	1.4795				

==========

Element: Hg Seq. No.: 14 AS Loc.: 11 Date: 04/07/2011
Sample ID: 1115126-BLK2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.058	-0.058	0.0000	0.0016	0.0002	12:48:38	No
2	-0.064	-0.064	-0.0001	0.0007	0.0001	12:49:07	No
3	-0.064	-0.064	-0.0001	0.0008	0.0002	12:49:36	No
Mean:	-0.062	-0.062	-0.0001				
SD :	0.0036	0.0036	0.0000				
%RSD:	5.9	5.9	73.0894				

==========

Element: Hg Seq. No.: 15 AS Loc.: 12 Date: 04/07/2011
Sample ID: 1115126-BS2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.173	2.173	0.0241	0.1199	0.0244	12:50:50	No

2	2.168	2.168	0.0241	0.1178	0.0243	12:51:19	No
3	2.174	2.174	0.0242	0.1178	0.0244	12:51:48	No
Mean:	2.172	2.172	0.0241				
SD :	0.0033	0.0033	0.0000				
%RSD:	0.2	0.2	0.1470				

Element: Hg Seq. No.: 16 AS Loc.: 13 Date: 04/07/2011
Sample ID: 11C0963-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.047	-0.047	0.0001	0.0020	0.0003	12:53:02	No
2	-0.048	-0.048	0.0001	0.0021	0.0003	12:53:31	No
3	-0.051	-0.051	0.0001	0.0018	0.0003	12:54:00	No
Mean:	-0.049	-0.049	0.0001				
SD :	0.0022	0.0022	0.0000				
%RSD:	4.6	4.6	27.2454				

Element: Hg Seq. No.: 17 AS Loc.: 14 Date: 04/07/2011
Sample ID: 1115126-DUP1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.052	-0.052	0.0000	0.0016	0.0003	12:55:15	No
2	-0.057	-0.057	0.0000	0.0011	0.0002	12:55:44	No
3	-0.074	-0.074	-0.0002	0.0003	0.0000	12:56:13	No
Mean:	-0.061	-0.061	0.0000				
SD :	0.0114	0.0114	0.0001				
%RSD:	18.8	18.8	279.1390				

Element: Hg Seq. No.: 18 AS Loc.: 15 Date: 04/07/2011
Sample ID: 1115126-MS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.164	2.164	0.0240	0.1167	0.0243	12:57:29	No
2	2.151	2.151	0.0239	0.1161	0.0241	12:57:58	No
3	2.172	2.172	0.0241	0.1166	0.0244	12:58:27	No
Mean:	2.162	2.162	0.0240				
SD :	0.0105	0.0105	0.0001				
%RSD:	0.5	0.5	0.4754				

Element: Hg Seq. No.: 19 AS Loc.: 16 Date: 04/07/2011
Sample ID: 1115126-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.191	2.191	0.0243	0.1173	0.0246	12:59:44	No
2	2.160	2.160	0.0240	0.1151	0.0242	01:00:13	No
3	2.192	2.192	0.0243	0.1164	0.0246	01:00:42	No
Mean:	2.181	2.181	0.0242				
SD :	0.0185	0.0185	0.0002				
%RSD:	0.9	0.9	0.8287				

Element: Hg Seq. No.: 20 AS Loc.: 17 Date: 04/07/2011
Sample ID: 11C1255-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.057	-0.057	0.0000	0.0011	0.0002	01:01:56	No
2	-0.057	-0.057	0.0000	0.0012	0.0002	01:02:25	No

3	-0.064	-0.064	-0.0001	0.0006	0.0002	01:02:54	No
Mean:	-0.059	-0.059	0.0000				
SD :	0.0040	0.0040	0.0000				
%RSD:	6.7	6.7	161.0708				

Element: Hg Seq. No.: 21 AS Loc.: 18 Date: 04/07/2011
Sample ID: 11C1255-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.069	-0.069	-0.0001	0.0003	0.0001	01:04:04	No
2	-0.070	-0.070	-0.0001	0.0001	0.0001	01:04:33	No
3	-0.070	-0.070	-0.0001	0.0002	0.0001	01:05:02	No
Mean:	-0.070	-0.070	-0.0001				
SD :	0.0007	0.0007	0.0000				
%RSD:	1.0	1.0	5.5556				

Element: Hg Seq. No.: 22 AS Loc.: 8 Date: 04/07/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.483	3.483	0.0383	0.1791	0.0384	01:06:17	No
2	3.419	3.419	0.0376	0.1759	0.0377	01:06:46	No
3	3.443	3.443	0.0379	0.1777	0.0380	01:07:15	No
Mean:	3.448	3.448	0.0379				
SD :	0.0325	0.0325	0.0004				
%RSD:	0.9	0.9	0.9274				

QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

Element: Hg Seq. No.: 23 AS Loc.: 1 Date: 04/07/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.048	-0.048	0.0001	0.0008	0.0002	01:08:29	No
2	-0.048	-0.048	0.0001	0.0010	0.0002	01:08:58	No
3	-0.050	-0.050	0.0001	0.0003	0.0001	01:09:27	No
Mean:	-0.049	-0.049	0.0001				
SD :	0.0014	0.0014	0.0000				
%RSD:	2.8	2.8	17.1311				

QC value within specified limits.

Element: Hg Seq. No.: 24 AS Loc.: 19 Date: 04/07/2011
Sample ID: 11C1255-05

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.057	-0.057	0.0000	0.0017	0.0002	01:10:38	No
2	-0.063	-0.063	-0.0001	0.0010	0.0002	01:11:07	No
3	-0.073	-0.073	-0.0002	0.0005	0.0001	01:11:36	No
Mean:	-0.064	-0.064	-0.0001				
SD :	0.0081	0.0081	0.0001				
%RSD:	12.6	12.6	108.8261				

Element: Hg Seq. No.: 25 AS Loc.: 20 Date: 04/07/2011
Sample ID: 11C1255-06

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	-0.063	-0.063	-0.0001	0.0011	0.0002	01:12:48	No
2	-0.062	-0.062	-0.0001	0.0014	0.0002	01:13:17	No
3	-0.064	-0.064	-0.0001	0.0012	0.0001	01:13:46	No
Mean:	-0.063	-0.063	-0.0001				
SD :	0.0012	0.0012	0.0000				
%RSD:	1.8	1.8	17.7738				

==========

Element: Hg Seq. No.: 26 AS Loc.: 21 Date: 04/07/2011
Sample ID: 11C1255-10

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.061	-0.061	0.0000	0.0014	0.0002	01:14:58	No
2	-0.062	-0.062	-0.0001	0.0015	0.0002	01:15:27	No
3	-0.058	-0.058	0.0000	0.0022	0.0002	01:15:56	No
Mean:	-0.060	-0.060	0.0000				
SD :	0.0023	0.0023	0.0000				
%RSD:	3.8	3.8	63.2261				

==========

Element: Hg Seq. No.: 27 AS Loc.: 22 Date: 04/07/2011
Sample ID: 11C1255-11

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.038	-0.038	0.0002	0.0039	0.0004	01:17:08	No
2	-0.044	-0.044	0.0001	0.0029	0.0004	01:17:37	No
3	-0.055	-0.055	0.0000	0.0015	0.0002	01:18:06	No
Mean:	-0.046	-0.046	0.0001				
SD :	0.0084	0.0084	0.0001				
%RSD:	18.4	18.4	76.7189				

==========

Element: Hg Seq. No.: 28 AS Loc.: 23 Date: 04/07/2011
Sample ID: 11C1255-12

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.069	-0.069	-0.0001	0.0006	0.0001	01:19:18	No
2	-0.061	-0.061	0.0000	0.0014	0.0002	01:19:47	No
3	-0.068	-0.068	-0.0001	0.0006	0.0001	01:20:16	No
Mean:	-0.066	-0.066	-0.0001				
SD :	0.0040	0.0040	0.0000				
%RSD:	6.1	6.1	44.7490				

==========

Element: Hg Seq. No.: 29 AS Loc.: 24 Date: 04/07/2011
Sample ID: 11C1255-13

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.059	-0.059	0.0000	0.0011	0.0002	01:21:30	No
2	-0.067	-0.067	-0.0001	0.0004	0.0001	01:21:59	No
3	-0.072	-0.072	-0.0002	0.0001	0.0001	01:22:28	No
Mean:	-0.066	-0.066	-0.0001				
SD :	0.0062	0.0062	0.0001				
%RSD:	9.4	9.4	67.2340				

==========

Element: Hg Seq. No.: 30 AS Loc.: 25 Date: 04/07/2011
Sample ID: 11C1255-14

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.061	-0.061	-0.0001	0.0007	0.0002	01:23:42	No

2	-0.063	-0.063	-0.0001	0.0005	0.0002	01:24:11	No
3	-0.059	-0.059	0.0000	0.0010	0.0002	01:24:40	No
Mean:	-0.061	-0.061	0.0000				
SD :	0.0021	0.0021	0.0000				
%RSD:	3.5	3.5	50.1068				

==========

Element: Hg Seq. No.: 31 AS Loc.: 26 Date: 04/07/2011
Sample ID: 11C1255-15

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.070	-0.070	-0.0001	0.0005	0.0001	01:25:54	No
2	-0.076	-0.076	-0.0002	-0.0003	0.0000	01:26:23	No
3	-0.077	-0.077	-0.0002	-0.0002	0.0000	01:26:52	No
Mean:	-0.074	-0.074	-0.0002				
SD :	0.0039	0.0039	0.0000				
%RSD:	5.3	5.3	22.2030				

==========

Element: Hg Seq. No.: 32 AS Loc.: 27 Date: 04/07/2011
Sample ID: 11C1255-20

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.075	-0.075	-0.0002	-0.0001	0.0000	01:28:07	No
2	-0.074	-0.074	-0.0002	-0.0001	0.0000	01:28:36	No
3	-0.075	-0.075	-0.0002	-0.0004	0.0000	01:29:05	No
Mean:	-0.075	-0.075	-0.0002				
SD :	0.0002	0.0002	0.0000				
%RSD:	0.3	0.3	1.2303				

==========

Element: Hg Seq. No.: 33 AS Loc.: 28 Date: 04/07/2011
Sample ID: 11C1255-45

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.078	-0.078	-0.0002	-0.0006	0.0000	01:30:21	No
2	-0.072	-0.072	-0.0002	0.0002	0.0001	01:30:50	No
3	-0.070	-0.070	-0.0001	0.0005	0.0001	01:31:19	No
Mean:	-0.073	-0.073	-0.0002				
SD :	0.0039	0.0039	0.0000				
%RSD:	5.3	5.3	23.5029				

==========

Element: Hg Seq. No.: 34 AS Loc.: 8 Date: 04/07/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.653	3.653	0.0402	0.1739	0.0402	01:32:36	No
2	3.640	3.640	0.0400	0.1751	0.0401	01:33:11	No
3	3.653	3.653	0.0402	0.1748	0.0402	01:33:40	No
Mean:	3.649	3.649	0.0401				
SD :	0.0078	0.0078	0.0001				
%RSD:	0.2	0.2	0.2098				

QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

==========

Element: Hg Seq. No.: 35 AS Loc.: 1 Date: 04/07/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	-0.051	-0.051	0.0001	0.0008	0.0001	01:34:54	No
2	-0.049	-0.049	0.0001	0.0009	0.0002	01:35:23	No
3	-0.047	-0.047	0.0001	0.0010	0.0002	01:35:52	No
Mean:	-0.049	-0.049	0.0001				
SD :	0.0019	0.0019	0.0000				
%RSD:	3.9	3.9	24.1323				

QC value within specified limits.

==========

Element: Hg Seq. No.: 36 AS Loc.: 29 Date: 04/07/2011
Sample ID: 11C1255-46

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.063	-0.063	-0.0001	0.0009	0.0002	01:37:06	No
2	-0.064	-0.064	-0.0001	0.0007	0.0001	01:37:35	No
3	-0.065	-0.065	-0.0001	0.0007	0.0001	01:38:04	No
Mean:	-0.064	-0.064	-0.0001				
SD :	0.0007	0.0007	0.0000				
%RSD:	1.1	1.1	9.9276				

==========

Element: Hg Seq. No.: 37 AS Loc.: 30 Date: 04/07/2011
Sample ID: 11C1255-47

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.073	-0.073	-0.0002	0.0001	0.0001	01:39:20	No
2	-0.069	-0.069	-0.0001	0.0005	0.0001	01:39:49	No
3	-0.073	-0.073	-0.0002	0.0002	0.0001	01:40:18	No
Mean:	-0.072	-0.072	-0.0002				
SD :	0.0023	0.0023	0.0000				
%RSD:	3.1	3.1	15.2358				

==========

Element: Hg Seq. No.: 38 AS Loc.: 31 Date: 04/07/2011
Sample ID: 11C1255-48

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.070	-0.070	-0.0001	0.0003	0.0001	01:41:35	No
2	-0.072	-0.072	-0.0002	0.0000	0.0001	01:42:04	No
3	-0.068	-0.068	-0.0001	0.0007	0.0001	01:42:33	No
Mean:	-0.070	-0.070	-0.0001				
SD :	0.0017	0.0017	0.0000				
%RSD:	2.4	2.4	12.6694				

==========

Element: Hg Seq. No.: 39 AS Loc.: 32 Date: 04/07/2011
Sample ID: 11C1255-49

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.069	-0.069	-0.0001	0.0004	0.0001	01:43:46	No
2	-0.069	-0.069	-0.0001	0.0000	0.0001	01:44:15	No
3	-0.071	-0.071	-0.0001	0.0000	0.0001	01:44:44	No
Mean:	-0.069	-0.069	-0.0001				
SD :	0.0010	0.0010	0.0000				
%RSD:	1.4	1.4	7.8089				

==========

Element: Hg Seq. No.: 40 AS Loc.: 33 Date: 04/07/2011
Sample ID: 11C1643-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	-0.051	-0.051	0.0001	0.0009	0.0003	01:45:54	No
2	-0.056	-0.056	0.0000	0.0005	0.0002	01:46:23	No
3	-0.054	-0.054	0.0000	0.0009	0.0003	01:46:52	No
Mean:	-0.054	-0.054	0.0000				
SD :	0.0028	0.0028	0.0000				
%RSD:	5.3	5.3	96.0180				

Element: Hg Seq. No.: 41 AS Loc.: 34 Date: 04/07/2011
Sample ID: 11C1644-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.014	-0.014	0.0005	0.0026	0.0007	01:48:02	No
2	-0.016	-0.016	0.0004	0.0024	0.0007	01:48:31	No
3	-0.013	-0.013	0.0005	0.0031	0.0007	01:49:00	No
Mean:	-0.014	-0.014	0.0005				
SD :	0.0016	0.0016	0.0000				
%RSD:	11.4	11.4	3.8094				

Element: Hg Seq. No.: 42 AS Loc.: 35 Date: 04/07/2011
Sample ID: 11C1645-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.057	-0.057	0.0000	0.0006	0.0002	01:50:11	No
2	-0.057	-0.057	0.0000	0.0005	0.0002	01:50:40	No
3	-0.059	-0.059	0.0000	0.0005	0.0002	01:51:09	No
Mean:	-0.058	-0.058	0.0000				
SD :	0.0013	0.0013	0.0000				
%RSD:	2.2	2.2	144.8511				

Element: Hg Seq. No.: 43 AS Loc.: 36 Date: 04/07/2011
Sample ID: 11D0094-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.070	-0.070	-0.0001	0.0003	0.0001	01:52:21	No
2	-0.071	-0.071	-0.0002	0.0000	0.0001	01:52:50	No
3	-0.067	-0.067	-0.0001	0.0008	0.0001	01:53:19	No
Mean:	-0.069	-0.069	-0.0001				
SD :	0.0018	0.0018	0.0000				
%RSD:	2.6	2.6	14.3445				

Element: Hg Seq. No.: 44 AS Loc.: 37 Date: 04/07/2011
Sample ID: 11D0094-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.198	0.198	0.0028	0.0132	0.0030	01:54:31	No
2	0.203	0.203	0.0028	0.0134	0.0030	01:55:00	No
3	0.202	0.202	0.0028	0.0134	0.0030	01:55:29	No
Mean:	0.201	0.201	0.0028				
SD :	0.0025	0.0025	0.0000				
%RSD:	1.3	1.3	0.9852				

Element: Hg Seq. No.: 45 AS Loc.: 38 Date: 04/07/2011
Sample ID: 11D0094-03

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.015	0.015	0.0008	0.0047	0.0010	01:56:41	No

2	0.010	0.010	0.0007	0.0039	0.0009	01:57:10	No
3	0.012	0.012	0.0007	0.0043	0.0010	01:57:39	No
Mean:	0.012	0.012	0.0007				
SD :	0.0025	0.0025	0.0000				
%RSD:	21.1	21.1	3.6875				

Element: Hg Seq. No.: 46 AS Loc.: 8 Date: 04/07/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.662	3.662	0.0403	0.1725	0.0403	01:58:54	No
2	3.684	3.684	0.0405	0.1749	0.0406	01:59:24	No
3	3.676	3.676	0.0404	0.1739	0.0405	01:59:53	No
Mean:	3.674	3.674	0.0404				
SD :	0.0112	0.0112	0.0001				
%RSD:	0.3	0.3	0.3012				

QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

Element: Hg Seq. No.: 47 AS Loc.: 1 Date: 04/07/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.054	-0.054	0.0000	0.0006	0.0001	02:01:07	No
2	-0.054	-0.054	0.0000	0.0003	0.0001	02:01:36	No
3	-0.056	-0.056	0.0000	0.0003	0.0001	02:02:05	No
Mean:	-0.055	-0.055	0.0000				
SD :	0.0013	0.0013	0.0000				
%RSD:	2.3	2.3	62.1972				

QC value within specified limits.

Element: Hg Seq. No.: 48 AS Loc.: 39 Date: 04/07/2011
Sample ID: 1115126-DUP2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.011	0.011	0.0007	0.0040	0.0010	02:03:17	No
2	0.012	0.012	0.0007	0.0040	0.0010	02:03:46	No
3	0.010	0.010	0.0007	0.0040	0.0010	02:04:15	No
Mean:	0.011	0.011	0.0007				
SD :	0.0007	0.0007	0.0000				
%RSD:	6.3	6.3	1.0088				

Element: Hg Seq. No.: 49 AS Loc.: 40 Date: 04/07/2011
Sample ID: 1115126-MS2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.792	1.792	0.0200	0.0817	0.0202	02:05:29	No
2	1.743	1.743	0.0195	0.0798	0.0197	02:05:58	No
3	1.659	1.659	0.0186	0.0755	0.0188	02:06:27	No
Mean:	1.731	1.731	0.0194				
SD :	0.0671	0.0671	0.0007				
%RSD:	3.9	3.9	3.7531				

Element: Hg Seq. No.: 50 AS Loc.: 41 Date: 04/07/2011
Sample ID: 1115126-MSD2

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D0803 **Matrix:** Water **Department:** Metals **Instrument:** PE ELAN 9000

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, April 07, 2011 07:38:26
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.192
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	35349.7	35349.686	755.321	2.1
	Rh	102.9	215398.4	215398.380	6835.518	3.2
	In	114.9	267401.6	267401.635	13835.823	5.2
	Pb	208.0	333583.7	333583.703	1841.598	0.6
	U	238.1	567785.4	567785.443	3141.312	0.6
⌈>	Ba	137.9	384947.9	384947.905	26094.824	6.8
⌊	Ba++	69.0	9005.3	0.023	0.002	8.8
⌈>	Ce	139.9	467069.2	467069.164	30697.091	6.6
⌊	CeO	155.9	17747.2	0.038	0.001	3.0
	Bkgd	220.0	14.0	14.000	1.886	13.5

Current Optimization File Data

Current Value	Description
0.88	Nebulizer Gas Flow
7.00	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.5	9294.4
Co	59	17	6.8	487482.5
In	115	17	7.3	1025302.7

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, April 07, 2011 07:43:29
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.193
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	22650.7	22650.720	295.531	1.3
	Rh	102.9	127953.9	127953.922	1335.209	1.0
	In	114.9	140646.9	140646.861	2300.714	1.6
	Pb	208.0	197428.0	197428.025	6141.522	3.1
	U	238.1	412787.9	412787.907	11199.410	2.7
⌈>	Ba	137.9	173738.6	173738.639	3539.790	2.0
⌊	Ba++	69.0	11787.0	0.068	0.002	3.0
⌈>	Ce	139.9	211347.8	211347.843	4694.564	2.2
⌊	CeO	155.9	7514.4	0.036	0.000	1.1
	Bkgd	220.0	18.5	18.467	0.776	4.2

Current Optimization File Data

Current Value	Description
0.84	Nebulizer Gas Flow
7.00	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.5	9294.4
Co	59	17	6.8	487482.5
In	115	17	7.3	1025302.7

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, April 07, 2011 07:47:51
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.194
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	16193.7	16193.679	202.647	1.3
	Rh	102.9	85881.3	85881.299	579.610	0.7
	In	114.9	90018.6	90018.560	364.708	0.4
	Pb	208.0	76709.7	76709.665	2702.322	3.5
	U	238.1	169725.8	169725.762	5234.574	3.1
⎡>	Ba	137.9	92751.2	92751.212	468.131	0.5
⎣	Ba++	69.0	13600.4	0.147	0.002	1.1
⎡>	Ce	139.9	111831.6	111831.614	1559.931	1.4
⎣	CeO	155.9	3352.4	0.030	0.001	1.7
	Bkgd	220.0	25.4	25.434	1.262	5.0

Current Optimization File Data

Current Value	Description
0.80	Nebulizer Gas Flow
7.00	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.5	9294.4
Co	59	17	6.8	487482.5
In	115	17	7.3	1025302.7

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, April 07, 2011 08:04:49
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.195
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	37141.9	37141.867	579.888	1.6
	Rh	102.9	256135.7	256135.749	5117.267	2.0
	In	114.9	310306.3	310306.310	6965.824	2.2
	Pb	208.0	200165.8	200165.801	1380.851	0.7
	U	238.1	385718.2	385718.202	7359.022	1.9
⎡>	Ba	137.9	298095.8	298095.789	4813.171	1.6
⎣	Ba++	69.0	11019.2	0.037	0.000	0.6
⎡>	Ce	139.9	367911.5	367911.510	3683.036	1.0
⎣	CeO	155.9	7815.5	0.021	0.000	0.5
	Bkgd	220.0	32.3	32.267	1.071	3.3

Current Optimization File Data

Current Value	Description
0.80	Nebulizer Gas Flow
7.00	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.5	9294.4
Co	59	17	6.8	487482.5
In	115	17	7.3	1025302.7

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, April 07, 2011 08:11:06
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.196
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	60730.9	60730.865	692.239	1.1
	Rh	102.9	485036.7	485036.725	5441.994	1.1
	In	114.9	595140.6	595140.616	6609.611	1.1
	Pb	208.0	375293.8	375293.780	4778.984	1.3
	U	238.1	737320.0	737319.996	12898.879	1.7
⎡>	Ba	137.9	526098.7	526098.713	6801.190	1.3
⎣	Ba++	69.0	15080.4	0.029	0.000	1.4
⎡>	Ce	139.9	647533.3	647533.298	7953.557	1.2
⎣	CeO	155.9	15342.4	0.024	0.000	1.3
	Bkgd	220.0	21.3	21.267	1.521	7.2

Current Optimization File Data

Current Value	Description
0.88	Nebulizer Gas Flow
7.00	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.5	9294.4
Co	59	17	6.8	487482.5
In	115	17	7.3	1025302.7

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	11.977	2753	2018	0.809	
Mg	23.985	23.979	5657	2013	0.822	
Rh	102.905	102.929	24857	2009	0.730	
Ce	139.905	139.929	33850	2005	0.728	
Pb	207.977	207.979	50407	1998	0.719	
U	238.050	238.078	57723	2008	0.661	

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, April 07, 2011 08:25:50
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.197
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	88515.6	88515.580	443.483	0.5
	Rh	102.9	585685.4	585685.404	3891.012	0.7
	In	114.9	746909.9	746909.908	3725.425	0.5
	Pb	208.0	434180.2	434180.203	921.245	0.2
	U	238.1	840876.6	840876.590	5882.934	0.7
⌈>	Ba	137.9	639657.1	639657.093	9580.637	1.5
⌊	Ba++	69.0	16944.1	0.026	0.000	1.7
⌈>	Ce	139.9	779678.7	779678.664	4783.835	0.6
⌊	CeO	155.9	20159.4	0.026	0.000	1.8
	Bkgd	220.0	16.7	16.700	2.286	13.7

Current Optimization File Data

Current Value	Description
0.90	Nebulizer Gas Flow
6.25	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	19	4.8	8522.0
Co	59	19	5.8	337220.9
In	115	19	6.5	775573.8

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 08:32:55
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Blank.001
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	213356.15		
	Be	9		mg/L	8.00		
	B	11		mg/L	770.04		
	Na	23		mg/L	41893.76		
	Mg	24		mg/L	1758.85		
	Al	27		mg/L	4432.47		
	Si	28		mg/L	52488.63		
	K	39		mg/L	1364702.12		
	Ca	44		mg/L	119485.10		
>	Sc	45		mg/L	878350.27		
	Ti	47		mg/L	1655.17		
	V	51		mg/L	-61769.97		
	Cr	52		mg/L	29001.17		
	Mn	55		mg/L	2237.30		
	Fe	57		mg/L	14600.87		
	Ni	58		mg/L	9156.38		
	Co	59		mg/L	229.67		
	Ni	60		mg/L	128.00		
	Ni	62		mg/L	216.34		
	Cu	63		mg/L	433.35		
	Cu	65		mg/L	279.67		
	Zn	66		mg/L	853.05		
	Zn	68		mg/L	1404.12		
	Ga	69		mg/L	4155.66		
>	Ge	72		mg/L	501688.56		
	As	75		mg/L	-875.32		
	Se	77		mg/L	10268.24		
	Se	82		mg/L	-20.04		
	Sr	88		mg/L	619.03		
>	Y	89		mg/L	2213920.42		
	Mo	95		mg/L	80.33		
	Mo	98		mg/L	84.25		
>	Rh	103		mg/L	1931767.91		
	Ag	107		mg/L	183.00		
	Ag	109		mg/L	131.67		
	Cd	111		mg/L	58.33		
	Cd	114		mg/L	127.28		
>	In	115		mg/L	2406011.52		
	Sn	118		mg/L	430.35		
	Sn	120		mg/L	599.83		
	Sb	121		mg/L	482.68		
	Sb	123		mg/L	380.41		
	Ba	135		mg/L	129.67		

	Ba	137	mg/L	178.02
>	Tb	159	mg/L	3030832.76
>	Ho	165	mg/L	2981896.90
	Hg	202	mg/L	150.00
	Tl	203	mg/L	4490.51
	Tl	205	mg/L	11000.53
	Pb	208	mg/L	1278.38
	Bi	209	mg/L	487.68
	Th	232	mg/L	3130.91
	U	238	mg/L	139.00

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 08:38:00
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Standard 1.002
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	215154.95	215154.948	8.279
	Be	9		mg/L	138.00	0.001	7.596
	B	11		mg/L	1102.74	0.002	49.438
	Na	23		mg/L	275345.64	0.261	1.472
	Mg	24		mg/L	6198.51	0.005	4.647
	Al	27		mg/L	7310.68	0.003	25.369
	Si	28		mg/L	190342.25	0.155	20.904
	K	39		mg/L	1711756.85	0.376	52.237
	Ca	44		mg/L	129954.51	0.010	95.509
>	Sc	45		mg/L	891274.37	891274.371	6.730
	Ti	47		mg/L	1827.20	0.000	71.033
	V	51		mg/L	-44884.52	0.020	28.612
	Cr	52		mg/L	32608.10	0.004	165.966
	Mn	55		mg/L	8600.15	0.007	9.768
	Fe	57		mg/L	15415.62	0.001	74.960
	Ni	58		mg/L	12586.18	0.008	30.753
	Co	59		mg/L	5411.67	0.011	2.822
	Ni	60		mg/L	1395.12	0.003	3.139
	Ni	62		mg/L	395.35	0.000	8.975
	Cu	63		mg/L	6980.75	0.013	6.746
	Cu	65		mg/L	3400.67	0.006	12.933
	Zn	66		mg/L	2637.41	0.004	11.537
	Zn	68		mg/L	2614.07	0.003	4.699
	Ga	69		mg/L	8029.30	0.008	4.028
>	Ge	72		mg/L	488095.23	488095.230	4.067
	As	75		mg/L	-557.32	0.001	450.709
	Se	77		mg/L	10175.13	0.000	418.203
	Se	82		mg/L	59.43	0.000	15.547
	Sr	88		mg/L	11510.09	0.005	5.820
>	Y	89		mg/L	2152045.07	2152045.071	4.932
	Mo	95		mg/L	1442.80	0.001	6.996
	Mo	98		mg/L	2392.60	0.001	13.845
>	Rh	103		mg/L	1965006.58	1965006.580	1.419
	Ag	107		mg/L	4049.61	0.002	6.045
	Ag	109		mg/L	3839.85	0.002	1.255
	Cd	111		mg/L	1122.75	0.001	3.894
	Cd	114		mg/L	2644.66	0.001	9.973
>	In	115		mg/L	2398983.54	2398983.540	6.893
	Sn	118		mg/L	4604.00	0.002	39.497
	Sn	120		mg/L	4824.76	0.002	18.968
	Sb	121		mg/L	4240.70	0.002	17.728
	Sb	123		mg/L	3242.93	0.001	6.627
	Ba	135		mg/L	1141.08	0.000	9.596

	Ba	137	mg/L	1899.15	0.001	6.611
>	Tb	159	mg/L	2967674.58	2967674.584	1.618
>	Ho	165	mg/L	3020289.31	3020289.312	4.677
	Hg	202	mg/L	63.33	-0.000	17.074
	Tl	203	mg/L	6057.08	0.001	24.140
	Tl	205	mg/L	14484.07	0.001	58.794
	Pb	208	mg/L	15930.71	0.005	3.425
	Bi	209	mg/L	11622.56	0.004	2.341
	Th	232	mg/L	9605.50	0.002	3.905
	U	238	mg/L	13972.25	0.005	13.307

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 08:43:07
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Standard 2.003
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	221146.83	221146.828	3.233
	Be	9	0.001000	mg/L	269.01	0.001	9.039
	B	11	0.001000	mg/L	1319.78	0.002	39.967
	Na	23	0.100000	mg/L	473907.46	0.506	0.941
	Mg	24	0.001000	mg/L	4998.43	0.004	12.372
	Al	27	0.001000	mg/L	9605.23	0.006	31.017
	Si	28	0.001000	mg/L	185360.07	0.157	11.251
	K	39	0.100000	mg/L	1936756.44	0.712	8.989
	Ca	44	0.100000	mg/L	131998.83	0.018	24.376
>	Sc	45		mg/L	855325.90	855325.905	3.825
	Ti	47	0.001000	mg/L	2088.93	0.001	39.866
	V	51	0.001000	mg/L	-46083.26	0.017	244.848
	Cr	52	0.001000	mg/L	35119.87	0.008	47.522
	Mn	55	0.001000	mg/L	15336.14	0.015	5.809
	Fe	57	0.001000	mg/L	15355.80	0.001	21.603
	Ni	58	0.001000	mg/L	15022.90	0.012	16.210
	Co	59	0.001000	mg/L	10313.65	0.021	12.064
	Ni	60	0.001000	mg/L	2475.36	0.005	7.157
	Ni	62	0.001000	mg/L	551.02	0.001	9.795
	Cu	63	0.001000	mg/L	6016.73	0.011	6.895
	Cu	65	0.001000	mg/L	2896.49	0.005	4.488
	Zn	66	0.001000	mg/L	2852.14	0.004	7.621
	Zn	68	0.001000	mg/L	2689.43	0.003	18.077
	Ga	69	0.001000	mg/L	12430.29	0.017	8.481
>	Ge	72		mg/L	492505.33	492505.328	2.954
	As	75	0.001000	mg/L	636.13	0.003	21.845
	Se	77	0.001000	mg/L	10232.86	0.000	71.856
	Se	82	0.001000	mg/L	107.00	0.000	4.403
	Sr	88	0.001000	mg/L	20139.52	0.009	10.830
>	Y	89		mg/L	2109083.86	2109083.859	6.543
	Mo	95	0.001000	mg/L	3025.87	0.001	2.806
	Mo	98	0.001000	mg/L	4873.75	0.002	3.829
>	Rh	103		mg/L	1872846.39	1872846.389	6.236
	Ag	107	0.001000	mg/L	8246.83	0.004	1.534
	Ag	109	0.001000	mg/L	8050.98	0.004	6.188
	Cd	111	0.001000	mg/L	2174.62	0.001	14.670
	Cd	114	0.001000	mg/L	5234.09	0.003	15.287
>	In	115		mg/L	2232429.97	2232429.974	3.279
	Sn	118	0.001000	mg/L	6785.95	0.003	8.927
	Sn	120	0.001000	mg/L	9095.43	0.004	8.039
	Sb	121	0.001000	mg/L	8106.69	0.003	2.894
	Sb	123	0.001000	mg/L	6307.20	0.003	9.028
	Ba	135	0.001000	mg/L	2073.26	0.001	8.295

	Ba	137	0.001000	mg/L	3439.72	0.001	12.399
>	Tb	159		mg/L	2910036.83	2910036.832	7.457
>	Ho	165		mg/L	2882325.34	2882325.342	7.396
	Hg	202	0.000020	mg/L	60.00	-0.000	7.616
	Tl	203	0.001000	mg/L	9289.84	0.002	23.436
	Tl	205	0.001000	mg/L	22195.35	0.004	25.147
	Pb	208	0.001000	mg/L	29575.50	0.010	4.037
	Bi	209	0.001000	mg/L	22937.13	0.008	6.768
	Th	232	0.001000	mg/L	21996.49	0.007	12.966
	U	238	0.001000	mg/L	28202.24	0.010	17.689

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 08:48:13
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Standard 3.004
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	221637.35	221637.350	2.694
	Be	9	0.005001	mg/L	1309.11	0.006	4.150
	B	11	0.004996	mg/L	2581.73	0.008	14.088
	Na	23	0.499644	mg/L	1991508.10	2.241	0.930
	Mg	24	0.005054	mg/L	15497.03	0.016	7.534
	Al	27	0.004990	mg/L	25317.99	0.024	15.357
	Si	28	0.004994	mg/L	200725.57	0.171	13.903
	K	39	0.500314	mg/L	4613004.87	3.751	4.409
	Ca	44	0.500848	mg/L	216387.52	0.113	2.200
>	Sc	45		mg/L	870180.99	870180.991	3.284
	Ti	47	0.004993	mg/L	4303.73	0.003	7.965
	V	51	0.005046	mg/L	-13228.42	0.056	59.319
	Cr	52	0.005001	mg/L	66648.05	0.044	17.036
	Mn	55	0.004996	mg/L	65873.64	0.073	4.534
	Fe	57	0.004949	mg/L	17114.64	0.003	27.010
	Ni	58	0.005003	mg/L	35717.74	0.054	4.619
	Co	59	0.005001	mg/L	50342.27	0.102	7.481
	Ni	60	0.005000	mg/L	10933.71	0.022	8.540
	Ni	62	0.005002	mg/L	1878.55	0.003	2.360
	Cu	63	0.005043	mg/L	26536.73	0.053	6.718
	Cu	65	0.005044	mg/L	12769.44	0.025	6.016
	Zn	66	0.005020	mg/L	7815.44	0.014	0.219
	Zn	68	0.005025	mg/L	6101.11	0.010	7.211
	Ga	69	0.005001	mg/L	48025.55	0.089	6.252
>	Ge	72		mg/L	492481.48	492481.482	1.377
	As	75	0.004980	mg/L	6186.88	0.014	7.510
	Se	77	0.005045	mg/L	11171.98	0.002	29.488
	Se	82	0.005009	mg/L	706.09	0.000	2.542
	Sr	88	0.005001	mg/L	96187.66	0.044	10.085
>	Y	89		mg/L	2168637.83	2168637.832	4.109
	Mo	95	0.004997	mg/L	14989.54	0.007	3.342
	Mo	98	0.004997	mg/L	23517.21	0.011	4.969
>	Rh	103		mg/L	1860913.10	1860913.104	6.447
	Ag	107	0.004997	mg/L	39179.80	0.021	2.952
	Ag	109	0.004996	mg/L	38523.18	0.021	5.226
	Cd	111	0.004999	mg/L	10726.77	0.006	10.791
	Cd	114	0.004997	mg/L	24833.40	0.013	13.416
>	In	115		mg/L	2278166.81	2278166.813	1.578
	Sn	118	0.005003	mg/L	30427.26	0.013	7.664
	Sn	120	0.004996	mg/L	41766.26	0.018	9.097
	Sb	121	0.004994	mg/L	35938.29	0.016	4.156
	Sb	123	0.004994	mg/L	28167.95	0.012	3.410
	Ba	135	0.004999	mg/L	9558.45	0.003	7.281

	Ba	137	0.005001	mg/L	16701.18	0.006	11.924
>	Tb	159		mg/L	2936985.63	2936985.625	6.500
>	Ho	165		mg/L	2896510.44	2896510.440	6.592
	Hg	202	0.000499	mg/L	55.67	-0.000	7.147
	Tl	203	0.005002	mg/L	40549.21	0.013	14.951
	Tl	205	0.005003	mg/L	98003.79	0.030	14.058
	Pb	208	0.004998	mg/L	137939.35	0.047	2.591
	Bi	209	0.004997	mg/L	110629.50	0.038	6.004
	Th	232	0.004998	mg/L	117269.92	0.040	9.893
	U	238	0.004996	mg/L	134549.94	0.047	11.909

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 08:53:21
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Standard 4.005
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	231184.17	231184.170	5.602
	Be	9	0.009905	mg/L	2560.39	0.011	5.519
	B	11	0.009804	mg/L	3971.91	0.014	14.680
	Na	23	1.001506	mg/L	3855172.80	4.473	1.766
	Mg	24	0.010239	mg/L	30286.72	0.034	10.033
	Al	27	0.010174	mg/L	49086.99	0.053	16.005
	Si	28	0.009947	mg/L	210283.17	0.188	17.845
	K	39	1.001613	mg/L	7783734.45	7.595	8.598
	Ca	44	1.005584	mg/L	317340.27	0.236	5.934
>	Sc	45		mg/L	853399.31	853399.312	6.494
	Ti	47	0.010075	mg/L	7199.26	0.007	10.186
	V	51	0.010259	mg/L	37011.84	0.116	38.281
	Cr	52	0.010140	mg/L	110233.86	0.097	16.934
	Mn	55	0.009945	mg/L	122614.90	0.141	1.886
	Fe	57	0.009767	mg/L	18366.82	0.005	12.794
	Ni	58	0.010053	mg/L	62471.03	0.110	4.594
	Co	59	0.010079	mg/L	104302.76	0.214	7.470
	Ni	60	0.010078	mg/L	22376.79	0.046	6.238
	Ni	62	0.010013	mg/L	3518.05	0.007	1.590
	Cu	63	0.010076	mg/L	51346.54	0.105	5.054
	Cu	65	0.010026	mg/L	23907.04	0.049	5.332
	Zn	66	0.010297	mg/L	16274.72	0.032	4.624
	Zn	68	0.010352	mg/L	12272.74	0.022	6.140
	Ga	69	0.010075	mg/L	95775.03	0.189	7.881
>	Ge	72		mg/L	487079.37	487079.373	2.458
	As	75	0.009979	mg/L	13203.38	0.029	3.364
	Se	77	0.010274	mg/L	12512.08	0.005	28.377
	Se	82	0.010038	mg/L	1455.11	0.001	7.127
	Sr	88	0.010087	mg/L	199924.07	0.093	7.734
>	Y	89		mg/L	2148099.08	2148099.082	2.466
	Mo	95	0.009950	mg/L	28706.58	0.013	5.364
	Mo	98	0.009961	mg/L	45202.82	0.021	6.151
>	Rh	103		mg/L	1936696.35	1936696.353	3.557
	Ag	107	0.009994	mg/L	81091.79	0.042	3.771
	Ag	109	0.009958	mg/L	78286.84	0.040	2.464
	Cd	111	0.009856	mg/L	20501.03	0.011	10.525
	Cd	114	0.009861	mg/L	47502.03	0.025	13.761
>	In	115		mg/L	2269607.21	2269607.212	2.838
	Sn	118	0.010090	mg/L	62854.02	0.028	6.393
	Sn	120	0.010072	mg/L	86390.47	0.038	9.758
	Sb	121	0.010025	mg/L	71958.05	0.032	2.959
	Sb	123	0.009986	mg/L	55106.40	0.024	3.909
	Ba	135	0.010038	mg/L	19075.54	0.007	3.804

	Ba	137	0.010049	mg/L	33675.14	0.012	10.598
>	Tb	159		mg/L	2886632.21	2886632.214	7.791
>	Ho	165		mg/L	2810547.51	2810547.513	7.985
	Hg	202	0.000683	mg/L	56.33	-0.000	10.194
	Tl	203	0.010090	mg/L	81562.36	0.028	11.413
	Tl	205	0.010090	mg/L	196636.42	0.067	17.186
	Pb	208	0.009999	mg/L	265046.50	0.094	5.561
	Bi	209	0.010022	mg/L	217128.33	0.077	5.960
	Th	232	0.010205	mg/L	264573.10	0.094	10.662
	U	238	0.010148	mg/L	287039.97	0.103	13.456

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 08:58:28
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Standard 5.006
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	218401.82	218401.818	0.102
	Be	9	0.100005	mg/L	24341.86	0.111	5.863
	B	11	0.100026	mg/L	30060.84	0.134	8.953
	Na	23	9.999350	mg/L	37726675.40	43.783	5.501
	Mg	24	0.099996	mg/L	270031.98	0.312	6.895
	Al	27	0.099956	mg/L	420275.74	0.483	8.909
	Si	28	0.099756	mg/L	398256.23	0.403	5.551
	K	39	9.995467	mg/L	62466458.00	71.014	6.445
	Ca	44	9.990921	mg/L	1914214.08	2.089	7.368
>	Sc	45		mg/L	861446.58	861446.583	2.836
	Ti	47	0.099991	mg/L	58359.90	0.066	6.635
	V	51	0.099962	mg/L	786020.28	0.984	17.140
	Cr	52	0.099919	mg/L	770919.09	0.863	6.494
	Mn	55	0.099952	mg/L	1129587.53	1.309	7.858
	Fe	57	0.099854	mg/L	44749.13	0.035	8.342
	Ni	58	0.100012	mg/L	532456.56	1.102	11.569
	Co	59	0.100001	mg/L	1015898.79	2.137	12.752
	Ni	60	0.100005	mg/L	217688.62	0.457	6.502
	Ni	62	0.099995	mg/L	32190.60	0.067	3.602
	Cu	63	0.099994	mg/L	471359.86	0.986	3.384
	Cu	65	0.100025	mg/L	229676.68	0.481	3.070
	Zn	66	0.099970	mg/L	135980.90	0.284	12.001
	Zn	68	0.099960	mg/L	95722.32	0.198	9.817
	Ga	69	0.099977	mg/L	873917.19	1.825	7.135
>	Ge	72		mg/L	477326.27	477326.273	5.412
	As	75	0.100003	mg/L	139636.45	0.294	2.004
	Se	77	0.099333	mg/L	21907.26	0.025	8.301
	Se	82	0.099995	mg/L	14644.41	0.007	9.940
	Sr	88	0.099959	mg/L	1861220.67	0.865	5.855
>	Y	89		mg/L	2152885.39	2152885.388	4.509
	Mo	95	0.099981	mg/L	279539.52	0.130	3.443
	Mo	98	0.099993	mg/L	445839.70	0.207	3.043
>	Rh	103		mg/L	1897328.30	1897328.304	6.018
	Ag	107	0.099990	mg/L	779690.05	0.411	4.471
	Ag	109	0.099975	mg/L	735022.04	0.389	10.895
	Cd	111	0.099988	mg/L	196840.52	0.104	12.330
	Cd	114	0.100006	mg/L	469212.02	0.248	7.630
>	In	115		mg/L	2321241.24	2321241.242	2.270
	Sn	118	0.099972	mg/L	605068.95	0.260	5.736
	Sn	120	0.099959	mg/L	823969.02	0.355	0.728
	Sb	121	0.099905	mg/L	632938.17	0.273	4.363
	Sb	123	0.099904	mg/L	483600.09	0.208	7.665
	Ba	135	0.099990	mg/L	186334.70	0.064	9.220

	Ba	137	0.099977	mg/L	324070.89	0.112	13.811
>	Tb	159		mg/L	2903066.89	2903066.894	7.980
>	Ho	165		mg/L	2880357.13	2880357.134	4.657
	Hg	202	0.010116	mg/L	111.34	-0.000	46.751
	Tl	203	0.099978	mg/L	794594.69	0.275	9.852
	Tl	205	0.099966	mg/L	1888195.38	0.653	8.039
	Pb	208	0.099953	mg/L	2517546.15	0.874	1.687
	Bi	209	0.099966	mg/L	2109876.87	0.734	6.204
	Th	232	0.099972	mg/L	2617386.39	0.911	11.653
	U	238	0.099937	mg/L	2679120.39	0.933	8.983

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:03:34
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-ICV1.007
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	220690.71	220690.707	1.189
	Be	9	0.042153	mg/L	10383.04	0.047	4.596
	B	11	0.042635	mg/L	13517.89	0.058	9.589
	Na	23	0.392299	mg/L	1575601.95	1.781	2.724
	Mg	24	0.404075	mg/L	1078909.48	1.254	8.297
	Al	27	0.199441	mg/L	828754.86	0.962	14.116
	Si	28	-0.026811	mg/L	129984.97	0.092	20.222
	K	39	0.411799	mg/L	3997035.04	3.095	10.108
	Ca	44	0.391170	mg/L	194143.91	0.090	10.591
>	Sc	45		mg/L	862507.37	862507.372	7.232
	Ti	47	0.040905	mg/L	24720.48	0.027	6.993
	V	51	0.039485	mg/L	277301.59	0.396	21.466
	Cr	52	0.041578	mg/L	337029.39	0.360	16.092
	Mn	55	0.045400	mg/L	517214.57	0.597	1.777
	Fe	57	0.184096	mg/L	69752.53	0.064	1.881
	Ni	58	0.040619	mg/L	232322.09	0.448	0.535
	Co	59	0.037986	mg/L	404605.30	0.811	9.617
	Ni	60	0.038588	mg/L	87959.51	0.176	7.489
	Ni	62	0.041053	mg/L	13952.17	0.028	1.202
	Cu	63	0.041972	mg/L	208093.35	0.417	7.432
	Cu	65	0.040312	mg/L	97395.87	0.195	4.907
	Zn	66	0.038146	mg/L	55473.30	0.110	0.801
	Zn	68	0.038449	mg/L	39786.41	0.077	4.420
	Ga	69	0.040226	mg/L	370371.00	0.735	5.812
>	Ge	72		mg/L	498406.98	498406.978	0.746
	As	75	0.042477	mg/L	61258.72	0.125	3.482
	Se	77	0.039018	mg/L	15488.35	0.011	14.666
	Se	82	0.040575	mg/L	6020.87	0.003	1.744
	Sr	88	0.040969	mg/L	775724.52	0.356	8.115
>	Y	89		mg/L	2180297.23	2180297.232	2.124
	Mo	95	0.044745	mg/L	126975.23	0.058	4.769
	Mo	98	0.045121	mg/L	204396.83	0.094	5.470
>	Rh	103		mg/L	1867327.67	1867327.666	4.022
	Ag	107	0.022291	mg/L	171827.99	0.092	2.065
	Ag	109	0.022828	mg/L	166911.38	0.089	3.374
	Cd	111	0.043157	mg/L	84071.29	0.045	9.496
	Cd	114	0.042534	mg/L	196821.91	0.106	10.254
>	In	115		mg/L	2321967.68	2321967.678	1.459
	Sn	118	0.040826	mg/L	248186.94	0.107	6.334
	Sn	120	0.041224	mg/L	341475.62	0.147	7.778
	Sb	121	0.048595	mg/L	310560.19	0.134	2.767
	Sb	123	0.049826	mg/L	243223.01	0.105	4.777
	Ba	135	0.040808	mg/L	78321.09	0.026	1.839

	Ba	137	0.039403	mg/L	131625.68	0.044	8.703
>	Tb	159		mg/L	2970794.11	2970794.111	5.071
>	Ho	165		mg/L	3000570.17	3000570.174	7.462
	Hg	202	0.009925	mg/L	114.00	-0.000	31.787
	Tl	203	0.038775	mg/L	321378.70	0.106	12.496
	Tl	205	0.038932	mg/L	766883.79	0.254	13.290
	Pb	208	0.041661	mg/L	1097407.13	0.366	3.268
	Bi	209	0.040987	mg/L	904028.61	0.302	3.578
	Th	232	0.040471	mg/L	1100943.04	0.367	8.612
	U	238	0.038606	mg/L	1078915.64	0.362	12.553

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:08:38
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-ICB1.008
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	222909.67	222909.674	4.585
	Be	9	-0.000066	mg/L	11.33	0.000	134.818
	B	11	-0.000416	mg/L	888.39	0.000	27.144
	Na	23	-0.015253	mg/L	40970.62	-0.000	608.669
	Mg	24	-0.000568	mg/L	1754.52	0.000	263.071
	Al	27	-0.000476	mg/L	3829.18	-0.001	34.485
	Si	28	-0.068467	mg/L	42497.20	-0.011	29.531
	K	39	-0.026342	mg/L	1333342.38	-0.010	1225.976
	Ca	44	-0.138355	mg/L	99621.27	-0.021	25.994
>	Sc	45		mg/L	865535.48	865535.482	4.746
	Ti	47	-0.000254	mg/L	1372.45	-0.000	16.933
	V	51	0.001181	mg/L	-39871.34	0.023	114.755
	Cr	52	0.000188	mg/L	31951.32	0.004	125.827
	Mn	55	-0.000423	mg/L	1927.22	-0.000	62.047
	Fe	57	0.000175	mg/L	15339.43	0.001	27.150
	Ni	58	0.000054	mg/L	9330.57	0.001	229.900
	Co	59	0.000067	mg/L	180.00	-0.000	32.286
	Ni	60	0.000009	mg/L	106.00	-0.000	22.602
	Ni	62	-0.000074	mg/L	205.00	-0.000	336.314
	Cu	63	-0.000511	mg/L	462.02	0.000	53.845
	Cu	65	-0.000343	mg/L	280.01	0.000	95.989
	Zn	66	-0.000631	mg/L	795.38	-0.000	437.610
	Zn	68	-0.000745	mg/L	1189.76	-0.000	51.526
	Ga	69	-0.000114	mg/L	3130.24	-0.002	24.436
>	Ge	72		mg/L	481316.04	481316.036	7.261
	As	75	-0.000547	mg/L	-1763.03	-0.002	166.344
	Se	77	0.002305	mg/L	10548.56	0.002	143.532
	Se	82	0.000286	mg/L	15.83	0.000	91.375
	Sr	88	-0.000248	mg/L	590.03	-0.000	2272.612
>	Y	89		mg/L	2117536.05	2117536.049	8.771
	Mo	95	0.000557	mg/L	2059.26	0.001	15.722
	Mo	98	0.000616	mg/L	3300.86	0.002	17.872
>	Rh	103		mg/L	1920974.19	1920974.191	2.505
	Ag	107	-0.000044	mg/L	362.68	0.000	76.512
	Ag	109	-0.000167	mg/L	328.68	0.000	55.708
	Cd	111	-0.000204	mg/L	56.67	-0.000	490.086
	Cd	114	-0.000103	mg/L	149.10	0.000	81.678
>	In	115		mg/L	2352707.51	2352707.508	8.663
	Sn	118	-0.000118	mg/L	1097.41	0.000	18.305
	Sn	120	-0.000100	mg/L	1505.90	0.000	43.119
	Sb	121	0.002159	mg/L	18261.76	0.008	21.167
	Sb	123	0.002141	mg/L	14120.17	0.006	18.363
	Ba	135	-0.000067	mg/L	130.00	0.000	292.337

	Ba	137	-0.000108	mg/L	172.10	-0.000	78495.931
>	Tb	159		mg/L	2935082.88	2935082.877	3.901
>	Ho	165		mg/L	2965183.61	2965183.605	3.517
	Hg	202	0.009922	mg/L	113.00	-0.000	4.648
	Tl	203	-0.000117	mg/L	1199.76	-0.001	5.122
	Tl	205	-0.000191	mg/L	2841.14	-0.003	5.712
	Pb	208	-0.000356	mg/L	928.69	-0.000	28.136
	Bi	209	-0.000132	mg/L	1957.91	0.000	41.060
	Th	232	0.000951	mg/L	22153.37	0.006	14.316
	U	238	-0.000257	mg/L	258.67	0.000	59.338

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:13:44
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-LCV1.009
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	233470.51	233470.507	4.877
	Be	9	0.000958	mg/L	277.01	0.001	16.665
	B	11	0.000999	mg/L	1367.12	0.002	19.883
	Na	23	0.098328	mg/L	440282.89	0.496	0.194
	Mg	24	0.000688	mg/L	4781.31	0.004	6.630
	Al	27	0.001066	mg/L	9541.80	0.007	26.267
	Si	28	0.002721	mg/L	180349.47	0.164	19.932
	K	39	0.099685	mg/L	1966232.78	0.884	22.326
	Ca	44	0.022654	mg/L	120117.62	0.013	78.060
>	Sc	45		mg/L	809599.38	809599.380	6.560
	Ti	47	0.000997	mg/L	1944.89	0.001	47.024
	V	51	0.000723	mg/L	-41571.31	0.019	41.677
	Cr	52	0.001739	mg/L	40562.56	0.017	44.239
	Mn	55	0.000797	mg/L	14661.97	0.016	4.614
	Fe	57	0.002254	mg/L	14933.78	0.002	10.071
	Ni	58	0.001048	mg/L	14737.43	0.012	22.517
	Co	59	0.001059	mg/L	10473.80	0.021	2.733
	Ni	60	0.001099	mg/L	2525.71	0.005	4.676
	Ni	62	0.001117	mg/L	594.03	0.001	2.934
	Cu	63	0.000611	mg/L	5793.90	0.011	6.904
	Cu	65	0.000716	mg/L	2737.11	0.005	11.236
	Zn	66	0.000827	mg/L	2797.13	0.004	13.876
	Zn	68	0.000741	mg/L	2622.40	0.003	12.414
	Ga	69	0.000936	mg/L	12466.36	0.017	4.320
>	Ge	72		mg/L	485103.26	485103.258	4.794
	As	75	0.001388	mg/L	943.44	0.004	65.790
	Se	77	0.003862	mg/L	10831.91	0.002	129.378
	Se	82	0.000876	mg/L	100.99	0.000	21.506
	Sr	88	0.000851	mg/L	20522.39	0.009	1.852
>	Y	89		mg/L	2099441.22	2099441.221	3.896
	Mo	95	0.001173	mg/L	3702.13	0.002	9.256
	Mo	98	0.001216	mg/L	5864.58	0.003	14.970
>	Rh	103		mg/L	1868705.36	1868705.359	1.978
	Ag	107	0.000999	mg/L	8365.61	0.004	3.885
	Ag	109	0.000890	mg/L	7999.27	0.004	3.161
	Cd	111	0.000860	mg/L	2122.94	0.001	1.720
	Cd	114	0.000957	mg/L	5044.01	0.003	12.614
>	In	115		mg/L	2196582.19	2196582.194	5.539
	Sn	118	0.000915	mg/L	6919.37	0.003	3.858
	Sn	120	0.000979	mg/L	9776.16	0.004	13.056
	Sb	121	0.001855	mg/L	15349.79	0.007	9.780
	Sb	123	0.001828	mg/L	11830.42	0.005	5.646
	Ba	135	0.000977	mg/L	2028.58	0.001	7.498

	Ba	137	0.000931	mg/L	3465.73	0.001	0.265
>	Tb	159		mg/L	2827932.84	2827932.843	1.514
>	Ho	165		mg/L	2835454.82	2835454.815	9.086
	Hg	202	-0.002332	mg/L	44.00	-0.000	13.187
	Tl	203	0.000832	mg/L	8542.44	0.002	18.758
	Tl	205	0.000816	mg/L	21235.72	0.004	28.357
	Pb	208	0.000767	mg/L	28492.70	0.010	8.614
	Bi	209	0.000870	mg/L	22657.51	0.008	2.810
	Th	232	0.001334	mg/L	30995.81	0.010	10.496
	U	238	0.000856	mg/L	29358.77	0.010	15.022

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:18:50
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-LCV2.010
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	230585.41	230585.411	0.704
	Be	9	0.005165	mg/L	1354.78	0.006	6.913
	B	11	0.005553	mg/L	2749.45	0.008	15.817
	Na	23	0.499710	mg/L	1981044.07	2.251	1.475
	Mg	24	0.004353	mg/L	14891.05	0.015	8.412
	Al	27	0.004579	mg/L	24807.82	0.024	7.427
	Si	28	0.003764	mg/L	195354.37	0.167	6.619
	K	39	0.523133	mg/L	4685622.43	3.884	8.631
	Ca	44	0.469895	mg/L	208485.85	0.106	9.434
>	Sc	45		mg/L	861856.55	861856.555	1.259
	Ti	47	0.004672	mg/L	4169.33	0.003	8.927
	V	51	0.004199	mg/L	-15057.16	0.053	105.260
	Cr	52	0.005522	mg/L	71533.05	0.050	2.902
	Mn	55	0.005095	mg/L	63954.61	0.072	9.006
	Fe	57	0.006914	mg/L	17273.57	0.003	6.927
	Ni	58	0.004881	mg/L	35462.21	0.054	16.241
	Co	59	0.004885	mg/L	50400.39	0.103	16.326
	Ni	60	0.004949	mg/L	11122.59	0.023	11.671
	Ni	62	0.005296	mg/L	1971.90	0.004	4.166
	Cu	63	0.004906	mg/L	26515.61	0.053	1.480
	Cu	65	0.004899	mg/L	12581.51	0.025	7.160
	Zn	66	0.004345	mg/L	7683.00	0.014	13.023
	Zn	68	0.004264	mg/L	6033.73	0.010	15.681
	Ga	69	0.004867	mg/L	47614.93	0.089	10.338
>	Ge	72		mg/L	490471.70	490471.697	6.286
	As	75	0.004964	mg/L	6128.51	0.014	14.811
	Se	77	0.012662	mg/L	12019.73	0.004	42.294
	Se	82	0.004856	mg/L	688.05	0.000	15.989
	Sr	88	0.004997	mg/L	98193.50	0.045	9.827
>	Y	89		mg/L	2164205.16	2164205.159	6.914
	Mo	95	0.005285	mg/L	15336.44	0.007	2.551
	Mo	98	0.005330	mg/L	24453.93	0.011	4.120
>	Rh	103		mg/L	1837677.25	1837677.247	4.933
	Ag	107	0.005115	mg/L	39281.14	0.021	3.085
	Ag	109	0.005410	mg/L	40001.98	0.022	8.827
	Cd	111	0.005428	mg/L	10775.52	0.006	12.874
	Cd	114	0.005331	mg/L	24793.57	0.013	10.759
>	In	115		mg/L	2247897.54	2247897.537	4.575
	Sn	118	0.004923	mg/L	30513.63	0.013	3.442
	Sn	120	0.005005	mg/L	42067.74	0.018	1.699
	Sb	121	0.005881	mg/L	40215.53	0.018	6.568
	Sb	123	0.005979	mg/L	31353.38	0.014	10.434
	Ba	135	0.004851	mg/L	9337.22	0.003	9.029

	Ba	137	0.004734	mg/L	15951.55	0.005	13.551
>	Tb	159		mg/L	2915063.19	2915063.191	4.975
>	Ho	165		mg/L	2842248.84	2842248.839	2.692
	Hg	202	-0.001123	mg/L	49.67	-0.000	4.754
	Tl	203	0.004758	mg/L	39340.85	0.012	9.485
	Tl	205	0.004846	mg/L	96413.99	0.030	7.229
	Pb	208	0.005136	mg/L	136886.40	0.048	1.757
	Bi	209	0.005101	mg/L	110703.83	0.039	5.888
	Th	232	0.005045	mg/L	127276.03	0.044	12.018
	U	238	0.005057	mg/L	140574.92	0.050	9.968

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:23:56
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-SCV1.011
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	256317.68	256317.675	5.741
	Be	9	0.466204	mg/L	132885.20	0.519	3.409
	B	11	0.445112	mg/L	152400.54	0.593	10.109
	Na	23	4.962390	mg/L	18076979.98	21.761	2.631
	Mg	24	4.508953	mg/L	11569113.54	13.973	3.351
	Al	27	2.312243	mg/L	9188359.62	11.140	9.172
	Si	28	0.513943	mg/L	1217374.25	1.421	14.490
	K	39	5.482227	mg/L	33405882.56	39.029	12.111
	Ca	44	6.031349	mg/L	1156419.36	1.264	7.047
>	Sc	45		mg/L	829214.05	829214.046	9.419
	Ti	47	0.503045	mg/L	276015.83	0.332	4.503
	V	51	0.481252	mg/L	3802976.93	4.691	11.618
	Cr	52	0.507173	mg/L	3612773.35	4.369	16.764
	Mn	55	0.539788	mg/L	5811398.39	7.047	9.428
	Fe	57	2.214315	mg/L	643959.34	0.762	4.613
	Ni	58	0.464511	mg/L	2446343.80	5.115	11.158
	Co	59	0.460409	mg/L	4704993.58	9.846	2.895
	Ni	60	0.497670	mg/L	1088045.53	2.273	2.516
	Ni	62	0.508080	mg/L	163247.91	0.341	3.043
	Cu	63	0.474406	mg/L	2224568.42	4.658	5.148
	Cu	65	0.475778	mg/L	1088427.73	2.282	9.642
	Zn	66	0.474675	mg/L	641741.25	1.344	9.127
	Zn	68	0.491117	mg/L	464669.41	0.970	4.455
	Ga	69	0.487623	mg/L	4260120.61	8.902	1.177
>	Ge	72		mg/L	478268.09	478268.090	4.792
	As	75	0.520388	mg/L	731216.10	1.533	4.234
	Se	77	0.416598	mg/L	59216.92	0.104	12.991
	Se	82	0.498529	mg/L	72293.96	0.034	13.133
	Sr	88	0.507065	mg/L	9336940.57	4.381	1.097
>	Y	89		mg/L	2131821.44	2131821.439	4.809
	Mo	95	0.522876	mg/L	1441946.40	0.677	4.812
	Mo	98	0.494480	mg/L	2174424.32	1.024	11.369
>	Rh	103		mg/L	1807334.61	1807334.607	1.135
	Ag	107	0.271587	mg/L	2017132.10	1.116	4.511
	Ag	109	0.274749	mg/L	1928799.64	1.068	6.624
	Cd	111	0.524333	mg/L	985849.05	0.546	5.558
	Cd	114	0.487406	mg/L	2182300.43	1.208	5.318
>	In	115		mg/L	2188788.71	2188788.711	4.037
	Sn	118	0.486772	mg/L	2766144.11	1.265	4.840
	Sn	120	0.506751	mg/L	3919959.26	1.795	9.233
	Sb	121	0.582213	mg/L	3450621.52	1.580	9.778
	Sb	123	0.576388	mg/L	2611949.77	1.195	5.710
	Ba	135	0.483692	mg/L	895675.69	0.312	7.877

	Ba	137	0.480185	mg/L	1550972.18	0.539	1.257
>	Tb	159		mg/L	2875754.70	2875754.701	1.962
>	Ho	165		mg/L	2809691.05	2809691.055	6.609
	Hg	202	0.031459	mg/L	220.00	0.000	8.301
	Tl	203	0.491319	mg/L	3804378.18	1.355	5.331
	Tl	205	0.514135	mg/L	9422639.26	3.367	11.305
	Pb	208	0.517293	mg/L	12636616.64	4.509	5.802
	Bi	209	0.508563	mg/L	10465841.26	3.726	2.785
	Th	232	0.520148	mg/L	13318557.06	4.748	4.877
	U	238	0.523590	mg/L	13636036.61	4.876	10.513

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:29:01
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-HCV1.012
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	277783.93	277783.929	5.103
	Be	9	0.826567	mg/L	255529.41	0.920	2.638
	B	11	0.825360	mg/L	305530.92	1.099	8.011
	Na	23	10.007649	mg/L	37196115.13	43.819	3.375
	Mg	24	8.719545	mg/L	22888420.35	27.021	1.479
	Al	27	4.402714	mg/L	17892521.31	21.209	7.633
	Si	28	0.940816	mg/L	2126731.59	2.471	14.733
	K	39	10.614533	mg/L	64707393.61	75.401	14.019
	Ca	44	10.597462	mg/L	1983330.06	2.215	7.685
>	Sc	45		mg/L	846529.19	846529.194	7.408
	Ti	47	0.932518	mg/L	522463.53	0.615	0.702
	V	51	0.896749	mg/L	7298713.08	8.730	9.130
	Cr	52	0.950354	mg/L	6910446.20	8.185	13.654
	Mn	55	1.012290	mg/L	11138600.00	13.211	8.622
	Fe	57	4.098334	mg/L	1205994.07	1.409	2.852
	Ni	58	0.903670	mg/L	4833528.85	9.950	12.564
	Co	59	0.889233	mg/L	9238287.16	19.018	8.001
	Ni	60	0.914499	mg/L	2033970.61	4.177	2.309
	Ni	62	0.979766	mg/L	320276.44	0.657	2.864
	Cu	63	0.932293	mg/L	4446511.04	9.149	6.092
	Cu	65	0.870432	mg/L	2023413.36	4.174	13.498
	Zn	66	0.891865	mg/L	1223552.29	2.523	14.448
	Zn	68	0.917517	mg/L	881393.20	1.811	6.885
	Ga	69	0.932276	mg/L	8288680.57	17.019	2.630
>	Ge	72		mg/L	486968.24	486968.244	5.166
	As	75	0.975875	mg/L	1396591.30	2.875	5.352
	Se	77	0.818478	mg/L	108321.68	0.203	13.775
	Se	82	0.912103	mg/L	138308.00	0.062	14.074
	Sr	88	0.927073	mg/L	17875308.42	8.008	0.846
>	Y	89		mg/L	2231794.66	2231794.664	5.934
	Mo	95	0.941298	mg/L	2716560.03	1.219	4.419
	Mo	98	0.917282	mg/L	4218628.23	1.899	11.381
>	Rh	103		mg/L	1825328.76	1825328.764	1.517
	Ag	107	0.283902	mg/L	2131161.26	1.167	5.740
	Ag	109	0.286967	mg/L	2036091.70	1.115	7.121
	Cd	111	1.003290	mg/L	1905367.01	1.044	2.266
	Cd	114	0.973685	mg/L	4400135.71	2.412	8.334
>	In	115		mg/L	2270320.52	2270320.515	8.322
	Sn	118	0.908506	mg/L	5342475.06	2.360	5.723
	Sn	120	0.986574	mg/L	7869905.75	3.494	14.492
	Sb	121	1.159759	mg/L	7082242.68	3.146	15.224
	Sb	123	1.141442	mg/L	5338042.45	2.365	10.769
	Ba	135	0.865508	mg/L	1684123.75	0.558	10.006

	Ba	137	0.852206	mg/L	2893139.69	0.957	5.801
>	Tb	159		mg/L	3024585.54	3024585.535	2.244
>	Ho	165		mg/L	2934408.74	2934408.738	5.135
	Hg	202	0.062867	mg/L	401.01	0.000	11.775
	Tl	203	0.913355	mg/L	7402377.43	2.520	0.834
	Tl	205	0.960508	mg/L	18425406.96	6.291	7.205
	Pb	208	0.973033	mg/L	24825742.20	8.478	6.918
	Bi	209	0.942378	mg/L	20263292.66	6.903	4.629
	Th	232	0.974022	mg/L	26098953.39	8.893	2.155
	U	238	0.970137	mg/L	26445161.61	9.032	6.452

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:34:07
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-IFA1.013
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	206108.74	206108.744	2.724
	Be	9	-0.000031	mg/L	18.67	0.000	43.724
	B	11	0.014471	mg/L	4892.09	0.020	30.620
	Na	23	26.683828	mg/L	93915751.09	116.726	2.632
	Mg	24	9.956716	mg/L	24793312.71	30.854	7.088
	Al	27	9.814548	mg/L	37976120.79	47.278	10.030
	Si	28	-0.058945	mg/L	58357.39	0.013	22.319
	K	39	10.719346	mg/L	62473635.64	76.144	2.316
	Ca	44	30.233746	mg/L	5180932.13	6.305	4.787
>	Sc	45		mg/L	804026.96	804026.956	1.657
	Ti	47	0.230781	mg/L	123795.18	0.152	7.485
	V	51	0.005001	mg/L	-7789.11	0.061	6.053
	Cr	52	-0.001731	mg/L	16511.84	-0.012	10.934
	Mn	55	0.000559	mg/L	12094.18	0.012	6.005
	Fe	57	19.753586	mg/L	5473998.42	6.789	3.071
	Ni	58	0.157723	mg/L	825725.96	1.737	7.529
	Co	59	0.000577	mg/L	5316.61	0.011	9.565
	Ni	60	0.001021	mg/L	2277.31	0.005	9.693
	Ni	62	0.002341	mg/L	962.73	0.002	3.939
	Cu	63	0.000569	mg/L	5443.69	0.011	7.142
	Cu	65	0.000609	mg/L	2423.35	0.005	7.550
	Zn	66	0.000328	mg/L	2058.25	0.003	9.548
	Zn	68	-0.000462	mg/L	1431.46	0.000	129.783
	Ga	69	-0.000227	mg/L	2109.60	-0.004	14.517
>	Ge	72		mg/L	471214.27	471214.269	3.730
	As	75	0.001767	mg/L	1415.13	0.005	12.227
	Se	77	-0.074194	mg/L	1486.14	-0.017	1.645
	Se	82	0.001795	mg/L	238.09	0.000	30.376
	Sr	88	0.000114	mg/L	7234.96	0.003	8.272
>	Y	89		mg/L	2129650.62	2129650.620	4.248
	Mo	95	0.209080	mg/L	577965.81	0.271	4.762
	Mo	98	0.211718	mg/L	934616.75	0.438	3.968
>	Rh	103		mg/L	1852730.39	1852730.385	6.840
	Ag	107	0.000155	mg/L	1876.89	0.001	30.396
	Ag	109	0.000022	mg/L	1684.18	0.001	31.924
	Cd	111	0.000509	mg/L	1417.13	0.001	18.059
	Cd	114	0.000462	mg/L	2722.25	0.001	13.962
>	In	115		mg/L	2325768.96	2325768.959	2.061
	Sn	118	0.000728	mg/L	6198.55	0.002	18.817
	Sn	120	0.000755	mg/L	8540.98	0.003	17.305
	Sb	121	0.009382	mg/L	63683.26	0.027	15.419
	Sb	123	0.009325	mg/L	48554.33	0.021	19.187
	Ba	135	0.000075	mg/L	401.01	0.000	10.972

	Ba	137	0.000053	mg/L	705.23	0.000	20.536
>	Tb	159		mg/L	2967413.26	2967413.263	6.531
>	Ho	165		mg/L	2963137.16	2963137.163	5.476
	Hg	202	0.026285	mg/L	203.00	0.000	23.367
	Tl	203	0.001762	mg/L	16500.08	0.004	37.628
	Tl	205	0.001680	mg/L	38982.30	0.010	37.041
	Pb	208	0.000116	mg/L	13083.89	0.004	20.945
	Bi	209	0.000446	mg/L	14507.33	0.005	19.957
	Th	232	0.001814	mg/L	45399.88	0.014	26.869
	U	238	-0.000190	mg/L	2087.60	0.001	14.871

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:39:13
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-IFB1.014
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	214304.90	214304.901	6.362
	Be	9	-0.000058	mg/L	13.00	0.000	53.533
	B	11	0.004303	mg/L	2181.62	0.007	34.328
	Na	23	25.861625	mg/L	94641764.44	113.131	3.953
	Mg	24	9.197110	mg/L	23761766.01	28.500	5.238
	Al	27	8.824610	mg/L	35251351.37	42.509	14.707
	Si	28	-0.059706	mg/L	58267.75	0.011	173.804
	K	39	10.568660	mg/L	63663613.25	75.076	11.438
	Ca	44	30.997612	mg/L	5511506.05	6.464	2.299
>	Sc	45		mg/L	836042.98	836042.979	8.404
	Ti	47	0.217502	mg/L	121045.35	0.143	6.564
	V	51	0.189221	mg/L	1474403.24	1.852	17.107
	Cr	52	0.183656	mg/L	1337378.09	1.584	19.398
	Mn	55	0.199606	mg/L	2180163.73	2.609	2.780
	Fe	57	20.098665	mg/L	5787842.87	6.908	2.791
	Ni	58	0.337082	mg/L	1737751.24	3.712	5.184
	Co	59	0.179528	mg/L	1790661.29	3.838	4.779
	Ni	60	0.182194	mg/L	388437.83	0.832	9.499
	Ni	62	0.190764	mg/L	59857.94	0.128	2.467
	Cu	63	0.198050	mg/L	907355.19	1.948	8.105
	Cu	65	0.196040	mg/L	438287.35	0.941	12.937
	Zn	66	0.095404	mg/L	127240.04	0.271	6.816
	Zn	68	0.090002	mg/L	84639.60	0.179	1.446
	Ga	69	-0.000311	mg/L	1361.12	-0.005	5.363
>	Ge	72		mg/L	466296.98	466296.978	3.000
	As	75	0.104969	mg/L	143096.93	0.309	3.971
	Se	77	0.009353	mg/L	11059.87	0.003	78.315
	Se	82	0.095361	mg/L	13724.81	0.007	8.778
	Sr	88	0.000081	mg/L	6612.49	0.003	7.930
>	Y	89		mg/L	2117133.95	2117133.950	5.870
	Mo	95	0.212492	mg/L	581590.23	0.275	8.084
	Mo	98	0.217248	mg/L	948657.14	0.450	11.116
>	Rh	103		mg/L	1769228.83	1769228.830	2.754
	Ag	107	0.050910	mg/L	371158.55	0.209	6.057
	Ag	109	0.051014	mg/L	352034.78	0.199	2.735
	Cd	111	0.108094	mg/L	199082.20	0.113	7.969
	Cd	114	0.107083	mg/L	468777.17	0.266	12.877
>	In	115		mg/L	2239855.43	2239855.428	4.959
	Sn	118	0.000045	mg/L	1987.24	0.001	25.945
	Sn	120	0.000070	mg/L	2775.55	0.001	30.076
	Sb	121	0.002088	mg/L	17040.21	0.007	14.225
	Sb	123	0.002172	mg/L	13649.96	0.006	8.048
	Ba	135	0.000045	mg/L	340.34	0.000	4.527

	Ba	137	0.000011	mg/L	563.37	0.000	3.641
>	Tb	159		mg/L	2934025.34	2934025.341	1.961
>	Ho	165		mg/L	2945707.40	2945707.405	4.712
	Hg	202	0.013919	mg/L	134.00	-0.000	87.099
	Tl	203	0.000332	mg/L	4828.00	0.000	118.339
	Tl	205	0.000265	mg/L	11569.85	0.000	215.385
	Pb	208	-0.000074	mg/L	8148.53	0.002	8.201
	Bi	209	-0.000030	mg/L	4158.66	0.001	5.601
	Th	232	0.000612	mg/L	12885.32	0.003	18.868
	U	238	-0.000251	mg/L	417.68	0.000	35.929

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:44:19
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-ICV2.015
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	246621.24	246621.242	6.122
	Be	9	0.038672	mg/L	10623.98	0.043	5.888
	B	11	0.037233	mg/L	13270.17	0.050	13.498
	Na	23	0.391193	mg/L	1495301.07	1.777	4.920
	Mg	24	0.401627	mg/L	1021861.70	1.246	7.264
	Al	27	0.204662	mg/L	809170.35	0.988	16.501
	Si	28	-0.024427	mg/L	128572.71	0.098	20.853
	K	39	0.455581	mg/L	4060161.11	3.406	12.036
	Ca	44	0.318842	mg/L	172586.16	0.074	10.577
>	Sc	45		mg/L	821220.92	821220.920	6.666
	Ti	47	0.042027	mg/L	24159.97	0.028	5.946
	V	51	0.045714	mg/L	313630.46	0.456	20.780
	Cr	52	0.042021	mg/L	324337.77	0.364	14.523
	Mn	55	0.043699	mg/L	474867.52	0.575	2.841
	Fe	57	0.177577	mg/L	64622.56	0.062	1.774
	Ni	58	0.040763	mg/L	223115.20	0.449	3.428
	Co	59	0.039909	mg/L	406672.49	0.852	7.458
	Ni	60	0.040845	mg/L	89093.44	0.186	7.850
	Ni	62	0.041317	mg/L	13443.41	0.028	1.382
	Cu	63	0.041569	mg/L	197381.44	0.413	6.096
	Cu	65	0.040332	mg/L	93291.92	0.195	6.041
	Zn	66	0.039340	mg/L	54706.70	0.113	2.667
	Zn	68	0.039956	mg/L	39490.22	0.080	7.090
	Ga	69	0.041303	mg/L	363755.77	0.754	8.358
>	Ge	72		mg/L	477146.73	477146.725	1.670
	As	75	0.042689	mg/L	58957.91	0.125	3.695
	Se	77	-0.004295	mg/L	9729.32	-0.000	1993.523
	Se	82	0.041147	mg/L	5929.52	0.003	2.343
	Sr	88	0.042007	mg/L	773029.58	0.365	8.631
>	Y	89		mg/L	2118264.32	2118264.324	2.743
	Mo	95	0.044717	mg/L	123193.54	0.058	6.471
	Mo	98	0.044603	mg/L	196068.79	0.093	6.679
>	Rh	103		mg/L	1840812.14	1840812.138	7.899
	Ag	107	0.022650	mg/L	172023.98	0.093	4.076
	Ag	109	0.022707	mg/L	163561.78	0.089	6.051
	Cd	111	0.042010	mg/L	80340.77	0.044	12.996
	Cd	114	0.040541	mg/L	184161.04	0.101	13.510
>	In	115		mg/L	2243787.55	2243787.553	2.037
	Sn	118	0.041371	mg/L	242713.92	0.108	8.449
	Sn	120	0.041934	mg/L	335174.09	0.149	9.687
	Sb	121	0.045179	mg/L	279212.47	0.124	3.524
	Sb	123	0.044976	mg/L	212638.73	0.095	3.103
	Ba	135	0.040018	mg/L	74815.15	0.026	5.032

	Ba	137	0.040460	mg/L	131490.56	0.046	11.763
>	Tb	159		mg/L	2899698.30	2899698.295	7.623
>	Ho	165		mg/L	2868519.06	2868519.063	9.010
	Hg	202	0.008346	mg/L	100.33	-0.000	23.178
	Tl	203	0.041090	mg/L	325086.48	0.113	12.186
	Tl	205	0.041642	mg/L	781732.54	0.271	15.433
	Pb	208	0.041842	mg/L	1052456.65	0.367	4.802
	Bi	209	0.041957	mg/L	883286.75	0.309	5.318
	Th	232	0.042189	mg/L	1093515.45	0.383	12.543
	U	238	0.042443	mg/L	1129424.25	0.397	15.934

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:49:24
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\RINSE.016
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	219306.06	219306.057	1.038
	Be	9	-0.000047	mg/L	16.00	0.000	60.393
	B	11	0.000729	mg/L	1208.09	0.002	31.243
	Na	23	-0.013030	mg/L	47969.10	0.009	18.507
	Mg	24	-0.000428	mg/L	2069.60	0.000	149.254
	Al	27	-0.000353	mg/L	4224.39	-0.000	3662.119
	Si	28	-0.063358	mg/L	51946.89	0.002	109.108
	K	39	-0.009985	mg/L	1395904.97	0.106	77.745
	Ca	44	-0.224119	mg/L	81941.85	-0.039	10.748
>	Sc	45		mg/L	841467.84	841467.845	2.171
	Ti	47	-0.000635	mg/L	1123.08	-0.001	44.571
	V	51	0.005402	mg/L	-4961.17	0.065	7.922
	Cr	52	-0.002119	mg/L	14477.33	-0.016	4.839
	Mn	55	-0.000351	mg/L	2658.44	0.001	154.456
	Fe	57	-0.002952	mg/L	14011.26	0.000	158.504
	Ni	58	-0.000103	mg/L	8703.25	-0.000	394.610
	Co	59	0.000139	mg/L	946.06	0.001	13.974
	Ni	60	0.000021	mg/L	137.00	0.000	36.718
	Ni	62	0.000050	mg/L	249.34	0.000	48.029
	Cu	63	-0.000479	mg/L	625.69	0.000	22.511
	Cu	65	-0.000326	mg/L	325.34	0.000	64.064
	Zn	66	-0.000448	mg/L	1066.07	0.000	39.680
	Zn	68	-0.000889	mg/L	1076.74	-0.001	20.431
	Ga	69	-0.000312	mg/L	1429.13	-0.005	8.089
>	Ge	72		mg/L	491271.22	491271.218	6.245
	As	75	0.001025	mg/L	388.76	0.003	10.831
	Se	77	-0.079434	mg/L	910.06	-0.019	1.409
	Se	82	0.000211	mg/L	7.18	0.000	46.022
	Sr	88	-0.000243	mg/L	734.04	0.000	55.965
>	Y	89		mg/L	2273603.94	2273603.941	5.766
	Mo	95	0.001556	mg/L	5132.50	0.002	8.028
	Mo	98	0.001559	mg/L	7940.22	0.003	16.393
>	Rh	103		mg/L	1871534.39	1871534.391	5.045
	Ag	107	-0.000000	mg/L	694.37	0.000	11.953
	Ag	109	-0.000124	mg/L	632.36	0.000	23.061
	Cd	111	-0.000193	mg/L	76.00	0.000	102.817
	Cd	114	-0.000095	mg/L	179.82	0.000	51.514
>	In	115		mg/L	2290679.88	2290679.879	6.429
	Sn	118	-0.000036	mg/L	1572.49	0.001	13.835
	Sn	120	-0.000004	mg/L	2267.47	0.001	5.166
	Sb	121	0.002160	mg/L	17872.48	0.008	13.281
	Sb	123	0.002124	mg/L	13706.15	0.006	11.921
	Ba	135	-0.000067	mg/L	134.67	0.000	884.657

	Ba	137	-0.000105	mg/L	190.40	0.000	151.788
>	Tb	159		mg/L	3091402.21	3091402.209	5.430
>	Ho	165		mg/L	3002311.91	3002311.914	2.528
	Hg	202	-0.002173	mg/L	46.67	-0.000	4.307
	Tl	203	0.000187	mg/L	3732.47	-0.000	33.671
	Tl	205	0.000118	mg/L	8958.51	-0.001	16.915
	Pb	208	-0.000273	mg/L	3141.26	0.001	53.033
	Bi	209	-0.000136	mg/L	1916.22	0.000	13.579
	Th	232	0.000524	mg/L	10787.61	0.003	20.543
	U	238	-0.000254	mg/L	340.34	0.000	13.714

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:54:29
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV1.017
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	240235.02	240235.016	4.147
	Be	9	0.039677	mg/L	10630.99	0.044	3.537
	B	11	0.038239	mg/L	13269.19	0.052	13.357
	Na	23	0.376948	mg/L	1518142.37	1.714	3.846
	Mg	24	0.380988	mg/L	1017922.84	1.182	7.714
	Al	27	0.181940	mg/L	756990.15	0.878	14.889
	Si	28	-0.031716	mg/L	119672.27	0.080	22.269
	K	39	0.412195	mg/L	3999691.24	3.098	10.349
	Ca	44	0.290537	mg/L	176069.51	0.069	14.540
>	Sc	45		mg/L	862704.53	862704.530	7.614
	Ti	47	0.040009	mg/L	24209.48	0.026	8.836
	V	51	0.040814	mg/L	288941.01	0.409	19.468
	Cr	52	0.038996	mg/L	317879.91	0.338	17.094
	Mn	55	0.044315	mg/L	505236.27	0.583	1.232
	Fe	57	0.176964	mg/L	67733.98	0.062	2.873
	Ni	58	0.039881	mg/L	222571.45	0.440	5.782
	Co	59	0.037296	mg/L	386722.63	0.796	10.337
	Ni	60	0.038921	mg/L	86426.40	0.178	8.328
	Ni	62	0.040797	mg/L	13518.85	0.027	5.929
	Cu	63	0.042509	mg/L	205872.43	0.422	6.971
	Cu	65	0.040997	mg/L	96770.37	0.198	6.451
	Zn	66	0.038415	mg/L	54494.07	0.110	2.907
	Zn	68	0.038372	mg/L	38681.32	0.077	9.037
	Ga	69	0.039947	mg/L	358394.25	0.730	9.203
>	Ge	72		mg/L	486659.00	486659.002	4.047
	As	75	0.042979	mg/L	60538.22	0.126	4.104
	Se	77	0.001293	mg/L	10599.30	0.001	76.351
	Se	82	0.041404	mg/L	5917.10	0.003	7.455
	Sr	88	0.040519	mg/L	741289.08	0.352	5.972
>	Y	89		mg/L	2102574.90	2102574.903	2.563
	Mo	95	0.044401	mg/L	121367.81	0.058	5.996
	Mo	98	0.044454	mg/L	193818.70	0.092	8.969
>	Rh	103		mg/L	1788731.21	1788731.211	7.626
	Ag	107	0.021678	mg/L	160012.04	0.089	0.631
	Ag	109	0.022632	mg/L	158184.33	0.089	6.243
	Cd	111	0.043433	mg/L	80724.77	0.045	12.803
	Cd	114	0.043456	mg/L	191712.16	0.108	14.893
>	In	115		mg/L	2230145.55	2230145.551	2.473
	Sn	118	0.040184	mg/L	234309.87	0.105	5.624
	Sn	120	0.040647	mg/L	322758.93	0.145	9.877
	Sb	121	0.044419	mg/L	272741.42	0.122	5.523
	Sb	123	0.046106	mg/L	216553.39	0.097	4.855
	Ba	135	0.039948	mg/L	75990.91	0.026	3.725

	Ba	137	0.038473	mg/L	127336.39	0.043	11.489
>	Tb	159		mg/L	2945605.16	2945605.156	4.654
>	Ho	165		mg/L	2928895.28	2928895.285	7.573
	Hg	202	0.009205	mg/L	107.00	-0.000	49.947
	Tl	203	0.039079	mg/L	316047.67	0.107	12.990
	Tl	205	0.038628	mg/L	741688.52	0.252	16.062
	Pb	208	0.040950	mg/L	1053044.58	0.360	3.238
	Bi	209	0.040905	mg/L	880623.03	0.301	3.548
	Th	232	0.039877	mg/L	1057632.93	0.362	10.344
	U	238	0.039149	mg/L	1066022.48	0.367	15.867

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 09:59:33
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB1.018
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	234451.49	234451.489	4.008
	Be	9	-0.000070	mg/L	11.00	0.000	20.155
	B	11	-0.000146	mg/L	1019.73	0.001	30.180
	Na	23	-0.014174	mg/L	43148.51	0.004	117.385
	Mg	24	-0.000584	mg/L	1638.16	-0.000	618.350
	Al	27	-0.000340	mg/L	4191.03	0.000	3283.405
	Si	28	-0.067358	mg/L	43038.28	-0.008	61.092
	K	39	-0.019945	mg/L	1314700.84	0.036	272.134
	Ca	44	-0.173873	mg/L	89277.56	-0.028	11.118
>	Sc	45		mg/L	828028.78	828028.784	2.698
	Ti	47	-0.000353	mg/L	1260.43	-0.000	21.561
	V	51	0.003192	mg/L	-22080.18	0.043	92.685
	Cr	52	-0.000600	mg/L	25062.42	-0.003	46.805
	Mn	55	-0.000446	mg/L	1595.16	-0.001	37.203
	Fe	57	0.000960	mg/L	14885.00	0.001	79.966
	Ni	58	0.000039	mg/L	8926.14	0.001	210.100
	Co	59	0.000065	mg/L	154.67	-0.000	19.018
	Ni	60	0.000012	mg/L	108.67	-0.000	221.474
	Ni	62	-0.000072	mg/L	198.67	-0.000	573.764
	Cu	63	-0.000501	mg/L	491.02	0.000	5.171
	Cu	65	-0.000330	mg/L	299.01	0.000	62.408
	Zn	66	-0.000670	mg/L	715.70	-0.000	120.885
	Zn	68	-0.000840	mg/L	1060.41	-0.001	35.288
	Ga	69	-0.000163	mg/L	2598.06	-0.003	20.475
>	Ge	72		mg/L	463952.50	463952.502	7.273
	As	75	0.000202	mg/L	-708.91	0.000	1617.319
	Se	77	-0.027375	mg/L	6796.61	-0.006	18.615
	Se	82	0.000331	mg/L	23.53	0.000	47.348
	Sr	88	-0.000247	mg/L	579.02	0.000	426.278
>	Y	89		mg/L	2034752.60	2034752.600	6.728
	Mo	95	0.000877	mg/L	2827.81	0.001	11.014
	Mo	98	0.000946	mg/L	4577.14	0.002	6.018
>	Rh	103		mg/L	1834489.86	1834489.863	4.996
	Ag	107	-0.000028	mg/L	471.68	0.000	46.634
	Ag	109	-0.000149	mg/L	442.35	0.000	46.008
	Cd	111	-0.000203	mg/L	55.00	-0.000	1494.961
	Cd	114	-0.000103	mg/L	140.79	0.000	93.433
>	In	115		mg/L	2269354.47	2269354.474	6.446
	Sn	118	-0.000063	mg/L	1390.12	0.000	5.461
	Sn	120	-0.000053	mg/L	1839.00	0.001	20.612
	Sb	121	0.002397	mg/L	19112.78	0.008	17.850
	Sb	123	0.002389	mg/L	14764.57	0.006	19.226
	Ba	135	-0.000062	mg/L	132.34	0.000	194.961

	Ba	137	-0.000102	mg/L	181.76	0.000	165.920
>	Tb	159		mg/L	2817218.66	2817218.656	8.971
>	Ho	165		mg/L	2889951.12	2889951.119	2.104
	Hg	202	0.011091	mg/L	116.34	-0.000	38.158
	Tl	203	-0.000055	mg/L	1669.84	-0.001	2.349
	Tl	205	-0.000133	mg/L	3871.87	-0.002	4.143
	Pb	208	-0.000358	mg/L	861.02	-0.000	34.332
	Bi	209	-0.000099	mg/L	2631.09	0.001	24.922
	Th	232	0.000722	mg/L	15607.04	0.004	16.685
	U	238	-0.000257	mg/L	264.01	0.000	18.769

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:04:18
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB4.053
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	141570.44	141570.438	3.534
	Be	9	-0.000040	mg/L	11.33	0.000	67.168
	B	11	0.000479	mg/L	732.70	0.002	48.639
	Na	23	-0.002482	mg/L	64897.04	0.055	9.423
	Mg	24	-0.000162	mg/L	2063.26	0.001	32.491
	Al	27	0.000064	mg/L	4402.82	0.002	94.120
	Si	28	-0.060381	mg/L	43438.05	0.009	46.576
	K	39	0.057545	mg/L	1345983.53	0.585	8.138
	Ca	44	0.017018	mg/L	92854.51	0.012	61.822
>	Sc	45		mg/L	629624.13	629624.134	3.027
	Ti	47	0.000824	mg/L	1443.80	0.000	62.369
	V	51	-0.001423	mg/L	-45924.93	-0.002	2097.132
	Cr	52	0.000888	mg/L	27107.99	0.010	26.796
	Mn	55	-0.000385	mg/L	1719.51	0.000	4.099
	Fe	57	0.006003	mg/L	12421.28	0.003	14.882
	Ni	58	0.000707	mg/L	9824.07	0.008	18.764
	Co	59	0.000067	mg/L	142.67	-0.000	109.755
	Ni	60	0.000048	mg/L	147.67	0.000	19.994
	Ni	62	0.000325	mg/L	255.01	0.000	7.592
	Cu	63	-0.000486	mg/L	443.68	0.000	13.755
	Cu	65	-0.000233	mg/L	409.35	0.001	10.458
	Zn	66	-0.000516	mg/L	730.37	0.000	64.391
	Zn	68	-0.000063	mg/L	1407.12	0.001	24.663
	Ga	69	0.000033	mg/L	3387.67	0.001	40.746
>	Ge	72		mg/L	368238.85	368238.847	3.256
	As	75	-0.000424	mg/L	-1269.18	-0.002	55.384
	Se	77	0.022328	mg/L	9922.18	0.006	18.280
	Se	82	0.000037	mg/L	-16.40	0.000	5595.743
	Sr	88	-0.000240	mg/L	644.03	0.000	67.742
>	Y	89		mg/L	1825925.99	1825925.988	2.095
	Mo	95	0.000378	mg/L	1349.45	0.001	16.639
	Mo	98	0.000436	mg/L	2177.02	0.001	19.232
>	Rh	103		mg/L	1707200.41	1707200.412	7.408
	Ag	107	-0.000039	mg/L	359.01	0.000	51.824
	Ag	109	-0.000167	mg/L	297.01	0.000	59.063
	Cd	111	-0.000203	mg/L	50.67	-0.000	160.237
	Cd	114	-0.000107	mg/L	114.95	0.000	429.375
>	In	115		mg/L	2279378.23	2279378.225	3.469
	Sn	118	-0.000147	mg/L	894.72	0.000	15.655
	Sn	120	-0.000129	mg/L	1242.21	0.000	18.063
	Sb	121	0.001292	mg/L	12465.11	0.005	17.030
	Sb	123	0.001247	mg/L	9517.31	0.004	19.759
	Ba	135	-0.000073	mg/L	119.00	-0.000	272.152

	Ba	137	-0.000100	mg/L	199.74	0.000	130.689
>	Tb	159		mg/L	3000119.30	3000119.298	7.685
>	Ho	165		mg/L	2940416.30	2940416.302	6.731
	Hg	202	0.008278	mg/L	103.00	-0.000	13.597
	Tl	203	-0.000184	mg/L	647.36	-0.001	1.762
	Tl	205	-0.000253	mg/L	1619.49	-0.003	1.851
	Pb	208	-0.000368	mg/L	620.68	-0.000	9.253
	Bi	209	-0.000142	mg/L	1729.85	0.000	33.206
	Th	232	0.000675	mg/L	14550.95	0.004	20.842
	U	238	-0.000258	mg/L	235.34	0.000	34.235

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:11:25
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV4.054
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	149257.55	149257.555	4.247
	Be	9	0.045943	mg/L	7650.30	0.051	2.342
	B	11	0.045000	mg/L	9598.83	0.061	6.345
	Na	23	0.456471	mg/L	1300613.07	2.062	1.052
	Mg	24	0.458840	mg/L	878438.49	1.424	0.495
	Al	27	0.228802	mg/L	681940.85	1.104	5.449
	Si	28	-0.009939	mg/L	118507.81	0.133	14.992
	K	39	0.555022	mg/L	3477647.59	4.110	13.244
	Ca	44	0.480090	mg/L	150087.72	0.108	12.593
>	Sc	45		mg/L	616278.54	616278.540	5.853
	Ti	47	0.040434	mg/L	17528.10	0.027	0.295
	V	51	0.037261	mg/L	187321.39	0.374	1.813
	Cr	52	0.041877	mg/L	243003.98	0.363	12.383
	Mn	55	0.042182	mg/L	343052.86	0.555	6.811
	Fe	57	0.173149	mg/L	47553.17	0.061	3.364
	Ni	58	0.039274	mg/L	167993.91	0.433	12.044
	Co	59	0.037519	mg/L	299064.59	0.801	4.720
	Ni	60	0.038968	mg/L	66641.19	0.178	1.607
	Ni	62	0.041074	mg/L	10474.15	0.028	1.108
	Cu	63	0.040755	mg/L	151350.37	0.405	6.443
	Cu	65	0.039072	mg/L	70578.47	0.189	10.605
	Zn	66	0.036250	mg/L	39425.61	0.104	12.406
	Zn	68	0.037195	mg/L	28862.04	0.075	4.614
	Ga	69	0.038288	mg/L	264432.38	0.699	0.982
>	Ge	72		mg/L	373815.88	373815.882	5.597
	As	75	0.040594	mg/L	43785.95	0.119	5.715
	Se	77	0.043383	mg/L	11987.35	0.012	21.087
	Se	82	0.034789	mg/L	4309.77	0.002	11.771
	Sr	88	0.038832	mg/L	617347.27	0.337	0.567
>	Y	89		mg/L	1828050.71	1828050.709	4.434
	Mo	95	0.040928	mg/L	97260.61	0.053	3.514
	Mo	98	0.040968	mg/L	155070.66	0.085	9.989
>	Rh	103		mg/L	1600088.91	1600088.913	3.089
	Ag	107	0.022239	mg/L	146632.71	0.092	6.837
	Ag	109	0.022675	mg/L	141942.80	0.089	9.697
	Cd	111	0.042680	mg/L	71353.72	0.045	5.172
	Cd	114	0.041519	mg/L	165059.41	0.103	5.463
>	In	115		mg/L	2076010.23	2076010.231	10.522
	Sn	118	0.039308	mg/L	212643.82	0.103	6.315
	Sn	120	0.041371	mg/L	303329.66	0.147	13.410
	Sb	121	0.044844	mg/L	253809.81	0.123	14.937
	Sb	123	0.045205	mg/L	196124.35	0.095	11.206
	Ba	135	0.037620	mg/L	70449.78	0.024	13.169

	Ba	137	0.037827	mg/L	123783.02	0.043	6.962
>	Tb	159		mg/L	2906639.65	2906639.651	4.272
>	Ho	165		mg/L	2840622.39	2840622.391	3.488
	Hg	202	0.009897	mg/L	108.00	-0.000	48.020
	Tl	203	0.035436	mg/L	279866.20	0.097	1.219
	Tl	205	0.036617	mg/L	686747.60	0.238	6.752
	Pb	208	0.037009	mg/L	924764.11	0.325	3.786
	Bi	209	0.035620	mg/L	746366.56	0.262	4.732
	Th	232	0.034920	mg/L	902539.63	0.317	1.555
	U	238	0.035045	mg/L	932455.62	0.329	5.828

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:18:25
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-BLK1.055
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 51

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	144879.25	144879.247	3.302
	Be	9	-0.000038	mg/L	12.00	0.000	39.072
	B	11	0.000100	mg/L	675.37	0.001	61.213
	Na	23	-0.002804	mg/L	64263.40	0.054	2.203
	Mg	24	0.001963	mg/L	6222.86	0.008	7.756
	Al	27	0.002773	mg/L	12631.95	0.015	18.207
	Si	28	-0.060572	mg/L	43154.91	0.009	95.015
	K	39	0.058046	mg/L	1350988.57	0.588	17.967
	Ca	44	-0.049440	mg/L	84345.17	-0.002	374.247
>	Sc	45		mg/L	631765.34	631765.343	5.341
	Ti	47	0.000367	mg/L	1259.77	0.000	143.518
	V	51	0.001408	mg/L	-28368.00	0.026	36.269
	Cr	52	-0.000548	mg/L	19355.13	-0.002	129.605
	Mn	55	0.000008	mg/L	4966.08	0.005	2.539
	Fe	57	0.006308	mg/L	12518.75	0.003	20.501
	Ni	58	0.000816	mg/L	10040.98	0.010	11.324
	Co	59	0.000071	mg/L	171.34	0.000	187.461
	Ni	60	0.000232	mg/L	446.68	0.001	20.184
	Ni	62	0.000430	mg/L	275.01	0.000	14.044
	Cu	63	-0.000404	mg/L	723.37	0.001	8.289
	Cu	65	-0.000181	mg/L	489.35	0.001	6.994
	Zn	66	0.004509	mg/L	5828.93	0.014	4.196
	Zn	68	0.004241	mg/L	4431.13	0.010	7.691
	Ga	69	-0.000147	mg/L	2132.94	-0.002	10.007
>	Ge	72		mg/L	360029.94	360029.938	2.432
	As	75	0.000298	mg/L	-485.59	0.000	176.594
	Se	77	-0.032207	mg/L	4863.68	-0.007	5.600
	Se	82	0.000069	mg/L	-11.88	0.000	267.753
	Sr	88	-0.000222	mg/L	896.39	0.000	4.783
>	Y	89		mg/L	1783561.26	1783561.265	2.284
	Mo	95	0.000176	mg/L	849.38	0.000	3.186
	Mo	98	0.000223	mg/L	1337.36	0.001	7.171
>	Rh	103		mg/L	1602632.49	1602632.489	6.818
	Ag	107	-0.000037	mg/L	348.68	0.000	29.019
	Ag	109	-0.000166	mg/L	282.34	0.000	52.414
	Cd	111	-0.000198	mg/L	56.00	0.000	128.747
	Cd	114	-0.000102	mg/L	127.66	0.000	151.290
>	In	115		mg/L	2189593.82	2189593.824	2.133
	Sn	118	-0.000159	mg/L	795.38	0.000	24.755
	Sn	120	-0.000136	mg/L	1136.86	0.000	29.376
	Sb	121	0.000213	mg/L	5598.45	0.002	7.642
	Sb	123	0.000178	mg/L	4333.23	0.002	3.478
	Ba	135	-0.000019	mg/L	216.34	0.000	10.117

	Ba	137	-0.000056	mg/L	338.24	0.000	17.807
>	Tb	159		mg/L	2894026.80	2894026.799	5.117
>	Ho	165		mg/L	2853024.57	2853024.572	8.317
	Hg	202	-0.000725	mg/L	51.67	-0.000	10.093
	Tl	203	-0.000190	mg/L	578.36	-0.001	3.621
	Tl	205	-0.000265	mg/L	1332.45	-0.003	3.308
	Pb	208	-0.000336	mg/L	1406.06	0.000	50.363
	Bi	209	-0.000160	mg/L	1307.44	0.000	18.894
	Th	232	0.000381	mg/L	6436.69	0.001	36.875
	U	238	-0.000259	mg/L	198.00	0.000	74.148

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-BS1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:23:31
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-BS1.056
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 52

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	164429.22	164429.225	5.778
	Be	9	0.222175	mg/L	40617.28	0.247	4.607
	B	11	0.217278	mg/L	48063.20	0.290	12.417
	Na	23	2.424798	mg/L	6929312.09	10.667	0.857
	Mg	24	2.279619	mg/L	4563067.07	7.066	4.000
	Al	27	1.136080	mg/L	3524175.01	5.474	11.820
	Si	28	0.188231	mg/L	437149.79	0.620	14.907
	K	39	2.486992	mg/L	12465555.56	17.802	9.927
	Ca	44	2.428251	mg/L	419799.31	0.514	3.400
>	Sc	45		mg/L	646784.74	646784.744	7.056
	Ti	47	0.202142	mg/L	87254.14	0.133	4.307
	V	51	0.203338	mg/L	1233158.88	1.989	12.764
	Cr	52	0.209021	mg/L	1178915.77	1.802	14.733
	Mn	55	0.214335	mg/L	1811954.01	2.801	2.214
	Fe	57	0.887471	mg/L	208980.56	0.306	3.508
	Ni	58	0.200003	mg/L	858357.60	2.203	8.051
	Co	59	0.191452	mg/L	1585107.92	4.093	0.664
	Ni	60	0.204170	mg/L	361605.25	0.932	7.037
	Ni	62	0.207154	mg/L	53944.25	0.139	1.807
	Cu	63	0.206927	mg/L	786477.44	2.035	8.929
	Cu	65	0.198515	mg/L	368323.24	0.953	12.249
	Zn	66	0.194366	mg/L	213765.72	0.551	8.054
	Zn	68	0.200803	mg/L	154957.05	0.397	1.513
	Ga	69	0.199625	mg/L	1415450.25	3.644	3.594
>	Ge	72		mg/L	387194.94	387194.941	3.545
	As	75	0.210501	mg/L	238897.73	0.620	6.809
	Se	77	0.179876	mg/L	25434.87	0.045	13.785
	Se	82	0.183032	mg/L	23676.96	0.013	8.281
	Sr	88	0.204219	mg/L	3357482.55	1.766	6.141
>	Y	89		mg/L	1898729.41	1898729.411	3.851
	Mo	95	0.208721	mg/L	512826.40	0.271	7.239
	Mo	98	0.207984	mg/L	815477.22	0.431	12.790
>	Rh	103		mg/L	1669188.85	1669188.851	3.202
	Ag	107	0.109609	mg/L	752269.56	0.451	6.907
	Ag	109	0.110578	mg/L	717827.45	0.430	4.929
	Cd	111	0.215290	mg/L	373870.03	0.224	5.158
	Cd	114	0.205370	mg/L	849028.07	0.509	8.902
>	In	115		mg/L	2174368.99	2174368.991	5.692
	Sn	118	0.198256	mg/L	1118012.89	0.516	8.094
	Sn	120	0.202825	mg/L	1556630.23	0.719	12.199
	Sb	121	0.244380	mg/L	1439458.32	0.664	9.739
	Sb	123	0.238509	mg/L	1075787.75	0.495	4.375
	Ba	135	0.193221	mg/L	360848.07	0.125	5.088

	Ba	137	0.195864	mg/L	637287.69	0.220	1.763
>	Tb	159		mg/L	2895590.65	2895590.646	1.716
>	Ho	165		mg/L	2827656.10	2827656.100	8.075
	Hg	202	0.010619	mg/L	110.67	-0.000	48.473
	Tl	203	0.186383	mg/L	1450094.94	0.514	8.718
	Tl	205	0.195886	mg/L	3605330.83	1.282	15.166
	Pb	208	0.192202	mg/L	4731168.09	1.677	4.827
	Bi	209	0.192436	mg/L	3984723.75	1.411	2.490
	Th	232	0.195934	mg/L	5029873.27	1.787	9.844
	U	238	0.195377	mg/L	5102412.34	1.821	16.873

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-01~~ 11C1255-01
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:28:36
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-01.057
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 53

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	165919.87	165919.866	2.172
	Be	9	0.000018	mg/L	24.00	0.000	26.990
	B	11	0.565688	mg/L	125660.21	0.754	6.442
	Na	23	S	mg/L	S	S	S
	Mg	24	45.222304	mg/L	97694284.38	140.130	6.502
	Al	27	0.352620	mg/L	1188920.25	1.700	5.257
	Si	28	9.367055	mg/L	16188946.35	23.184	6.024
	K	39	S	mg/L	S	S	S
	Ca	44	93.190585	mg/L	13620104.25	19.416	6.260
>	Sc	45		mg/L	697033.40	697033.396	2.032
	Ti	47	0.011083	mg/L	6324.27	0.007	7.797
	V	51	0.006942	mg/L	6537.67	0.079	43.444
	Cr	52	0.004480	mg/L	51593.85	0.041	2.387
	Mn	55	0.418735	mg/L	3810709.43	5.468	7.238
	Fe	57	5.398402	mg/L	1305349.22	1.856	1.264
	Ni	58	0.069210	mg/L	306472.45	0.763	11.271
	Co	59	0.001219	mg/L	9826.42	0.025	9.985
	Ni	60	0.031166	mg/L	56017.96	0.142	5.292
	Ni	62	0.035955	mg/L	9665.25	0.024	8.276
	Cu	63	0.006472	mg/L	27341.39	0.069	0.564
	Cu	65	0.006076	mg/L	12324.47	0.031	5.101
	Zn	66	0.119938	mg/L	134519.11	0.341	8.560
	Zn	68	0.120036	mg/L	94523.74	0.238	9.766
	Ga	69	0.001306	mg/L	12758.07	0.024	6.463
>	Ge	72		mg/L	393639.50	393639.504	4.451
	As	75	0.005839	mg/L	5891.84	0.017	4.387
	Se	77	0.006326	mg/L	9046.92	0.003	47.303
	Se	82	0.008931	mg/L	1142.75	0.001	16.885
	Sr	88	0.297595	mg/L	4916541.10	2.572	6.227
>	Y	89		mg/L	1912954.69	1912954.689	2.474
	Mo	95	0.179018	mg/L	444312.72	0.232	4.961
	Mo	98	0.179763	mg/L	712004.30	0.372	3.059
>	Rh	103		mg/L	1587097.93	1587097.932	5.428
	Ag	107	0.000087	mg/L	1154.09	0.001	20.729
	Ag	109	-0.000037	mg/L	1068.74	0.001	21.288
	Cd	111	0.001275	mg/L	2476.03	0.002	14.734
	Cd	114	0.001195	mg/L	5209.53	0.003	9.362
>	In	115		mg/L	2111577.10	2111577.103	6.679
	Sn	118	0.005166	mg/L	29976.50	0.014	2.855
	Sn	120	0.005415	mg/L	42490.06	0.020	6.323
	Sb	121	0.000582	mg/L	7482.49	0.003	11.710
	Sb	123	0.000577	mg/L	5895.65	0.003	10.930
	Ba	135	0.040525	mg/L	75588.15	0.026	10.691

	Ba	137	0.039082	mg/L	127133.10	0.044	11.915
>	Tb	159		mg/L	2897840.46	2897840.462	5.884
>	Ho	165		mg/L	2840922.97	2840922.975	1.475
	Hg	202	0.146713	mg/L	833.05	0.000	10.436
	Tl	203	0.000146	mg/L	3211.62	-0.000	66.853
	Tl	205	0.000077	mg/L	7718.11	-0.001	56.969
	Pb	208	0.007984	mg/L	207309.83	0.073	2.055
	Bi	209	0.000031	mg/L	5283.30	0.002	23.252
	Th	232	0.001386	mg/L	32535.12	0.010	29.415
	U	238	0.000462	mg/L	19240.56	0.007	5.899

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-02~~ 11C1255-02
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:33:42
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-02.058
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 54

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	132249.39	132249.394	5.761
	Be	9	0.004910	mg/L	740.37	0.006	3.370
	B	11	0.102544	mg/L	18595.52	0.137	7.446
	Na	23	S	mg/L	S	S	S
	Mg	24	87.998183	mg/L	168054872.76	272.677	1.412
	Al	27	0.033024	mg/L	102019.14	0.161	5.519
	Si	28	23.997345	mg/L	36376143.53	59.149	11.115
	K	39	15.168983	mg/L	67132870.20	107.678	9.696
	Ca	44	47.366112	mg/L	6160278.91	9.873	4.052
>	Sc	45		mg/L	616187.05	616187.045	4.229
	Ti	47	0.004648	mg/L	2969.85	0.003	2.363
	V	51	-0.002369	mg/L	-50137.27	-0.011	54.891
	Cr	52	0.000233	mg/L	23021.14	0.004	96.140
	Mn	55	5.809492	mg/L	46681138.32	75.793	2.628
	Fe	57	7.827876	mg/L	1670696.89	2.691	4.830
	Ni	58	0.063132	mg/L	246323.04	0.696	11.526
	Co	59	0.000723	mg/L	4983.08	0.014	3.765
	Ni	60	0.002650	mg/L	4255.04	0.012	2.094
	Ni	62	0.033874	mg/L	8035.40	0.023	19.060
	Cu	63	0.007783	mg/L	28473.42	0.081	9.328
	Cu	65	0.001087	mg/L	2562.72	0.007	14.581
	Zn	66	0.005288	mg/L	6348.95	0.017	9.332
	Zn	68	0.008933	mg/L	7463.81	0.019	3.098
	Ga	69	0.003474	mg/L	24959.31	0.064	4.091
>	Ge	72		mg/L	346131.69	346131.685	5.300
	As	75	0.003736	mg/L	3041.21	0.011	9.160
	Se	77	0.019762	mg/L	9098.65	0.006	28.831
	Se	82	0.009938	mg/L	1337.28	0.001	22.196
	Sr	88	0.370170	mg/L	6474397.92	3.199	2.399
>	Y	89		mg/L	2022186.83	2022186.829	7.003
	Mo	95	0.001717	mg/L	4962.09	0.002	20.450
	Mo	98	0.001681	mg/L	7540.50	0.004	24.874
>	Rh	103		mg/L	1489744.59	1489744.589	3.554
	Ag	107	-0.000045	mg/L	274.67	0.000	14.638
	Ag	109	-0.000173	mg/L	220.67	0.000	32.461
	Cd	111	-0.000138	mg/L	145.00	0.000	11.621
	Cd	114	-0.000054	mg/L	294.61	0.000	15.367
>	In	115		mg/L	2081170.33	2081170.326	8.496
	Sn	118	-0.000108	mg/L	1030.07	0.000	5.810
	Sn	120	-0.000084	mg/L	1464.44	0.000	13.089
	Sb	121	-0.000204	mg/L	2968.85	0.001	10.400
	Sb	123	-0.000240	mg/L	2316.80	0.001	6.818
	Ba	135	0.117205	mg/L	217712.57	0.076	7.387

	Ba	137	0.118313	mg/L	383100.72	0.133	2.294
>	Tb	159		mg/L	2880082.84	2880082.841	3.297
>	Ho	165		mg/L	2818189.76	2818189.760	6.893
	Hg	202	0.000326	mg/L	56.33	-0.000	16.061
	Tl	203	-0.000104	mg/L	1245.76	-0.001	1.510
	Tl	205	-0.000171	mg/L	3066.55	-0.003	1.489
	Pb	208	0.000396	mg/L	19298.77	0.006	6.182
	Bi	209	-0.000157	mg/L	1349.11	0.000	8.062
	Th	232	0.000277	mg/L	3757.15	0.000	34.010
	U	238	-0.000008	mg/L	6753.25	0.002	10.811

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-05~~ 11C1255-05
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:38:47
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-05.059
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 55

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	199360.69	199360.689	6.033
	Be	9	0.000975	mg/L	241.67	0.001	2.704
	B	11	0.015229	mg/L	4927.72	0.021	12.412
	Na	23	S	mg/L	S	S	S
	Mg	24	78.569533	mg/L	224107353.66	243.461	3.848
	Al	27	0.051554	mg/L	233895.62	0.250	20.688
	Si	28	19.155964	mg/L	43496571.96	47.248	11.088
	K	39	1.483210	mg/L	11277587.81	10.688	3.228
	Ca	44	47.715898	mg/L	9290646.04	9.945	0.760
>	Sc	45		mg/L	921366.46	921366.457	4.225
	Ti	47	0.003831	mg/L	3943.90	0.002	11.448
	V	51	0.000685	mg/L	-47875.71	0.019	62.745
	Cr	52	-0.001152	mg/L	23471.95	-0.007	37.221
	Mn	55	2.013854	mg/L	24230694.62	26.277	2.642
	Fe	57	73.195352	mg/L	23217033.62	25.154	4.674
	Ni	58	0.845597	mg/L	4641292.43	9.311	6.942
	Co	59	0.186445	mg/L	1988806.93	3.986	2.385
	Ni	60	0.223931	mg/L	510593.25	1.023	4.132
	Ni	62	0.284422	mg/L	95182.09	0.191	3.962
	Cu	63	0.001244	mg/L	9041.59	0.017	6.783
	Cu	65	0.001594	mg/L	4903.71	0.009	10.548
	Zn	66	0.153561	mg/L	217867.42	0.436	4.725
	Zn	68	0.150094	mg/L	149637.55	0.297	0.884
	Ga	69	0.000345	mg/L	7434.78	0.007	0.965
>	Ge	72		mg/L	498521.37	498521.373	4.478
	As	75	0.004245	mg/L	5125.27	0.012	6.876
	Se	77	-0.036307	mg/L	6214.85	-0.008	12.930
	Se	82	0.004993	mg/L	889.33	0.000	16.348
	Sr	88	0.201353	mg/L	4721246.13	1.741	2.512
>	Y	89		mg/L	2709917.58	2709917.583	4.829
	Mo	95	0.000448	mg/L	2245.63	0.001	3.401
	Mo	98	0.000455	mg/L	3329.94	0.001	3.518
>	Rh	103		mg/L	1940222.46	1940222.462	2.682
	Ag	107	-0.000045	mg/L	365.01	0.000	16.624
	Ag	109	-0.000187	mg/L	183.00	0.000	52.281
	Cd	111	0.000302	mg/L	1078.41	0.001	2.470
	Cd	114	0.000397	mg/L	2548.73	0.001	10.168
>	In	115		mg/L	2688555.41	2688555.407	1.603
	Sn	118	-0.000176	mg/L	856.05	0.000	38.743
	Sn	120	-0.000156	mg/L	1205.45	0.000	34.684
	Sb	121	-0.000413	mg/L	2318.65	0.001	15.646
	Sb	123	-0.000443	mg/L	1862.52	0.001	7.038
	Ba	135	0.017125	mg/L	38119.15	0.011	0.488

	Ba	137	0.016541	mg/L	64251.84	0.019	7.088
>	Tb	159		mg/L	3428470.36	3428470.363	1.635
>	Ho	165		mg/L	3464379.63	3464379.627	3.424
	Hg	202	-0.001189	mg/L	60.33	-0.000	6.912
	Tl	203	-0.000080	mg/L	1752.52	-0.001	4.911
	Tl	205	-0.000156	mg/L	4111.98	-0.002	6.237
	Pb	208	-0.000309	mg/L	2508.49	0.000	11.861
	Bi	209	-0.000194	mg/L	715.37	0.000	12.494
	Th	232	0.000319	mg/L	5918.68	0.001	47.173
	U	238	-0.000158	mg/L	3492.04	0.001	11.417

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:43:53
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-DUP1.060
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 56

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	232092.07	232092.075	1.547
	Be	9	0.000927	mg/L	268.34	0.001	10.767
	B	11	0.010805	mg/L	4387.44	0.015	8.920
	Na	23	S	mg/L	S	S	S
	Mg	24	77.196850	mg/L	229966798.12	239.208	7.589
	Al	27	0.052528	mg/L	249614.14	0.255	11.743
	Si	28	19.515043	mg/L	46335740.08	48.131	4.227
	K	39	1.547487	mg/L	12212393.13	11.144	2.817
	Ca	44	48.921142	mg/L	9939809.08	10.196	6.613
>	Sc	45		mg/L	961845.29	961845.292	1.309
	Ti	47	0.003853	mg/L	4129.32	0.002	20.255
	V	51	0.001927	mg/L	-38226.34	0.031	71.569
	Cr	52	-0.000845	mg/L	27093.31	-0.005	34.198
	Mn	55	2.115877	mg/L	26570417.21	27.608	11.447
	Fe	57	76.978543	mg/L	25458524.70	26.455	7.559
	Ni	58	0.855681	mg/L	5120403.99	9.422	5.384
	Co	59	0.200248	mg/L	2320725.81	4.282	9.696
	Ni	60	0.234617	mg/L	581088.59	1.072	6.929
	Ni	62	0.265751	mg/L	96966.81	0.178	1.427
	Cu	63	0.001156	mg/L	9401.97	0.016	3.635
	Cu	65	0.001552	mg/L	5249.90	0.009	3.926
	Zn	66	0.157551	mg/L	243517.67	0.447	4.392
	Zn	68	0.158246	mg/L	171378.09	0.313	8.251
	Ga	69	0.000315	mg/L	7791.75	0.006	7.264
>	Ge	72		mg/L	542800.56	542800.555	2.581
	As	75	0.003745	mg/L	4789.17	0.011	7.552
	Se	77	-0.033697	mg/L	7132.87	-0.007	6.588
	Se	82	0.004568	mg/L	854.60	0.000	4.070
	Sr	88	0.207072	mg/L	5088148.45	1.790	6.490
>	Y	89		mg/L	2843892.14	2843892.138	2.384
	Mo	95	0.000164	mg/L	1309.44	0.000	17.621
	Mo	98	0.000204	mg/L	2022.21	0.001	14.205
>	Rh	103		mg/L	2090639.93	2090639.934	5.359
	Ag	107	-0.000043	mg/L	404.68	0.000	4.929
	Ag	109	-0.000189	mg/L	184.67	0.000	33.102
	Cd	111	0.000285	mg/L	1116.41	0.001	18.663
	Cd	114	0.000369	mg/L	2591.06	0.001	15.530
>	In	115		mg/L	2735861.21	2735861.208	0.839
	Sn	118	-0.000188	mg/L	783.37	0.000	15.157
	Sn	120	-0.000173	mg/L	1061.16	0.000	21.252
	Sb	121	-0.000458	mg/L	2028.25	0.001	7.932
	Sb	123	-0.000504	mg/L	1551.09	0.000	15.654
	Ba	135	0.017096	mg/L	37312.79	0.011	4.713

	Ba	137	0.016649	mg/L	63301.70	0.019	11.055
>	Tb	159		mg/L	3367345.60	3367345.600	5.590
>	Ho	165		mg/L	3319444.58	3319444.577	5.217
	Hg	202	-0.001328	mg/L	56.67	-0.000	10.627
	Tl	203	-0.000089	mg/L	1602.16	-0.001	3.260
	Tl	205	-0.000162	mg/L	3797.16	-0.003	3.986
	Pb	208	-0.000290	mg/L	2943.88	0.000	0.820
	Bi	209	-0.000194	mg/L	692.37	0.000	30.182
	Th	232	0.000262	mg/L	3953.57	0.000	100.228
	U	238	-0.000142	mg/L	3813.18	0.001	15.261

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-MS1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:48:59
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-MS1.061
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 57

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	226581.62	226581.622	3.441
	Be	9	0.200049	mg/L	50413.77	0.223	7.273
	B	11	0.216269	mg/L	66065.26	0.289	14.671
	Na	23	S	mg/L	S	S	S
	Mg	24	71.751381	mg/L	194584603.98	222.334	6.652
	Al	27	0.952909	mg/L	4015190.11	4.592	10.688
	Si	28	18.040067	mg/L	38978365.33	44.505	4.690
	K	39	3.846309	mg/L	25379955.80	27.436	3.888
	Ca	44	52.414512	mg/L	9700472.91	10.924	4.509
>	Sc	45		mg/L	876319.50	876319.502	6.328
	Ti	47	0.198593	mg/L	116090.66	0.131	8.009
	V	51	0.192172	mg/L	1578117.39	1.880	13.602
	Cr	52	0.180229	mg/L	1388696.88	1.554	4.949
	Mn	55	2.355878	mg/L	26942076.67	30.739	3.825
	Fe	57	77.145668	mg/L	23230475.84	26.512	2.992
	Ni	58	1.043585	mg/L	5556824.16	11.491	9.069
	Co	59	0.370004	mg/L	3819549.10	7.912	9.740
	Ni	60	0.400471	mg/L	882946.01	1.829	6.565
	Ni	62	0.457816	mg/L	148598.09	0.307	2.892
	Cu	63	0.193106	mg/L	918763.99	1.899	3.010
	Cu	65	0.188854	mg/L	438680.22	0.907	1.323
	Zn	66	0.335219	mg/L	459473.30	0.950	5.341
	Zn	68	0.330040	mg/L	316152.56	0.652	9.052
	Ga	69	0.186513	mg/L	1647467.57	3.405	7.450
>	Ge	72		mg/L	483291.20	483291.202	3.261
	As	75	0.213150	mg/L	302538.08	0.628	1.991
	Se	77	0.150189	mg/L	28296.04	0.038	5.698
	Se	82	0.176198	mg/L	30578.72	0.012	4.741
	Sr	88	0.370043	mg/L	8122992.30	3.198	6.371
>	Y	89		mg/L	2543079.63	2543079.627	2.725
	Mo	95	0.183656	mg/L	606204.57	0.238	6.504
	Mo	98	0.184236	mg/L	971079.32	0.382	4.068
>	Rh	103		mg/L	1729004.22	1729004.223	5.838
	Ag	107	0.110312	mg/L	783643.26	0.454	3.010
	Ag	109	0.114152	mg/L	766253.37	0.444	6.546
	Cd	111	0.224473	mg/L	402651.48	0.234	10.436
	Cd	114	0.217724	mg/L	930084.74	0.540	9.359
>	In	115		mg/L	2345907.69	2345907.689	4.085
	Sn	118	0.193083	mg/L	1179650.39	0.502	9.199
	Sn	120	0.193808	mg/L	1612377.96	0.687	5.299
	Sb	121	0.237918	mg/L	1516135.34	0.647	4.526
	Sb	123	0.244370	mg/L	1190025.42	0.507	9.305
	Ba	135	0.204554	mg/L	400134.12	0.132	5.782

	Ba	137	0.197253	mg/L	671840.06	0.222	9.423
>	Tb	159		mg/L	3036875.82	3036875.818	4.604
>	Ho	165		mg/L	3046287.78	3046287.775	4.646
	Hg	202	0.012206	mg/L	128.67	-0.000	119.452
	Tl	203	0.170738	mg/L	1433903.70	0.471	12.035
	Tl	205	0.185069	mg/L	3689864.86	1.211	11.131
	Pb	208	0.193215	mg/L	5137515.09	1.686	1.749
	Bi	209	0.191193	mg/L	4267941.56	1.402	2.214
	Th	232	0.195571	mg/L	5426023.33	1.784	9.207
	U	238	0.193794	mg/L	5491227.42	1.806	8.057

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-MSD1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:54:05
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-MSD1.062
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 58

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	231493.76	231493.764	3.601
	Be	9	0.186617	mg/L	48045.19	0.208	6.602
	B	11	0.199742	mg/L	62420.14	0.267	11.486
	Na	23	S	mg/L	S	S	S
	Mg	24	67.526220	mg/L	173641060.87	209.242	7.590
	Al	27	0.943650	mg/L	3776495.71	4.547	11.605
	Si	28	17.779988	mg/L	36455707.23	43.865	4.274
	K	39	3.823884	mg/L	23939138.46	27.277	3.194
	Ca	44	52.016540	mg/L	9116375.32	10.841	6.505
>	Sc	45		mg/L	830254.25	830254.254	1.892
	Ti	47	0.185317	mg/L	102950.50	0.122	7.970
	V	51	0.179930	mg/L	1401852.57	1.761	19.223
	Cr	52	0.176235	mg/L	1288807.74	1.520	3.729
	Mn	55	2.296396	mg/L	24889289.38	29.963	8.879
	Fe	57	75.131052	mg/L	21450641.19	25.820	1.675
	Ni	58	0.988606	mg/L	5170779.69	10.885	6.558
	Co	59	0.357894	mg/L	3627788.98	7.653	9.604
	Ni	60	0.390026	mg/L	844783.83	1.781	7.682
	Ni	62	0.436717	mg/L	139321.66	0.293	2.886
	Cu	63	0.184822	mg/L	864368.17	1.818	4.974
	Cu	65	0.177102	mg/L	404195.01	0.851	0.238
	Zn	66	0.318168	mg/L	428242.00	0.901	7.119
	Zn	68	0.323041	mg/L	303920.00	0.639	11.049
	Ga	69	0.183082	mg/L	1588868.44	3.342	7.083
>	Ge	72		mg/L	474865.06	474865.058	3.119
	As	75	0.206038	mg/L	287254.20	0.607	2.670
	Se	77	0.142059	mg/L	26828.15	0.036	2.057
	Se	82	0.171882	mg/L	28351.27	0.012	9.671
	Sr	88	0.368379	mg/L	7695120.21	3.183	8.270
>	Y	89		mg/L	2421968.93	2421968.926	5.152
	Mo	95	0.177622	mg/L	557732.02	0.230	3.819
	Mo	98	0.177239	mg/L	888634.94	0.367	2.435
>	Rh	103		mg/L	1657687.86	1657687.861	6.982
	Ag	107	0.104832	mg/L	713847.93	0.431	3.069
	Ag	109	0.110982	mg/L	712777.28	0.432	8.991
	Cd	111	0.216187	mg/L	370761.51	0.225	14.878
	Cd	114	0.210689	mg/L	861957.38	0.522	9.649
>	In	115		mg/L	2229250.61	2229250.612	2.300
	Sn	118	0.184861	mg/L	1073079.67	0.481	6.487
	Sn	120	0.187490	mg/L	1482569.47	0.665	3.519
	Sb	121	0.232895	mg/L	1411379.92	0.633	3.117
	Sb	123	0.238461	mg/L	1103324.47	0.495	8.235
	Ba	135	0.195863	mg/L	365910.95	0.126	6.852

	Ba	137	0.189853	mg/L	617448.04	0.213	12.875
>	Tb	159		mg/L	2903601.79	2903601.787	4.164
>	Ho	165		mg/L	2907636.17	2907636.168	3.933
	Hg	202	0.010819	mg/L	115.34	-0.000	58.141
	Tl	203	0.169701	mg/L	1361545.66	0.468	8.857
	Tl	205	0.183236	mg/L	3488529.00	1.199	9.234
	Pb	208	0.187952	mg/L	4770184.28	1.640	1.953
	Bi	209	0.190241	mg/L	4050765.80	1.395	6.118
	Th	232	0.192036	mg/L	5082247.10	1.752	11.449
	U	238	0.190805	mg/L	5158180.07	1.778	10.873

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-PS1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 13:59:11
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-PS1.063
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 59

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	211771.55	211771.547	1.928
	Be	9	0.048001	mg/L	11340.19	0.054	5.386
	B	11	0.056674	mg/L	16928.98	0.076	7.975
	Na	23	S	mg/L	S	S	S
	Mg	24	71.369338	mg/L	166054364.39	221.150	7.972
	Al	27	0.288277	mg/L	1047418.25	1.390	10.193
	Si	28	18.063607	mg/L	33545176.06	44.563	1.067
	K	39	2.043541	mg/L	12200877.03	14.659	5.769
	Ca	44	50.270318	mg/L	7989641.29	10.477	7.602
>	Sc	45		mg/L	751869.13	751869.133	2.525
	Ti	47	0.053384	mg/L	27775.39	0.035	8.109
	V	51	0.051939	mg/L	334913.57	0.517	13.516
	Cr	52	0.048088	mg/L	337767.97	0.417	4.024
	Mn	55	2.135577	mg/L	20979248.17	27.865	8.001
	Fe	57	77.256123	mg/L	19981237.93	26.550	2.723
	Ni	58	0.913286	mg/L	4301054.79	10.056	9.495
	Co	59	0.241133	mg/L	2198093.34	5.156	14.077
	Ni	60	0.274753	mg/L	536280.92	1.255	7.228
	Ni	62	0.298389	mg/L	85895.81	0.200	1.651
	Cu	63	0.047858	mg/L	203950.24	0.475	6.000
	Cu	65	0.047055	mg/L	97504.72	0.227	2.611
	Zn	66	0.208712	mg/L	253701.15	0.592	6.982
	Zn	68	0.207937	mg/L	176849.53	0.411	9.534
	Ga	69	0.049092	mg/L	386558.21	0.896	7.309
>	Ge	72		mg/L	428243.97	428243.974	4.939
	As	75	0.055790	mg/L	69499.61	0.164	2.906
	Se	77	0.013060	mg/L	10563.24	0.004	10.042
	Se	82	0.052217	mg/L	7388.52	0.004	11.769
	Sr	88	0.266721	mg/L	4791990.67	2.305	10.219
>	Y	89		mg/L	2092291.29	2092291.294	9.791
	Mo	95	0.048394	mg/L	131720.11	0.063	2.822
	Mo	98	0.050455	mg/L	218558.23	0.105	4.291
>	Rh	103		mg/L	1559291.01	1559291.010	4.655
	Ag	107	0.036161	mg/L	232113.38	0.149	3.174
	Ag	109	0.036419	mg/L	221044.45	0.142	10.970
	Cd	111	0.052567	mg/L	85215.66	0.055	16.205
	Cd	114	0.052050	mg/L	200769.21	0.129	12.851
>	In	115		mg/L	2008108.06	2008108.063	5.770
	Sn	118	0.049958	mg/L	262110.34	0.130	2.629
	Sn	120	0.051358	mg/L	366790.24	0.183	2.965
	Sb	121	0.060918	mg/L	334702.71	0.167	7.837
	Sb	123	0.060753	mg/L	255120.59	0.127	11.801
	Ba	135	0.065593	mg/L	108435.51	0.042	7.145

	Ba	137	0.065709	mg/L	189056.20	0.074	10.878
>	Tb	159		mg/L	2569297.93	2569297.927	7.211
>	Ho	165		mg/L	2612750.84	2612750.843	4.605
	Hg	202	0.002126	mg/L	61.33	-0.000	13.215
	Tl	203	0.047009	mg/L	340036.42	0.129	8.883
	Tl	205	0.046993	mg/L	808321.43	0.306	7.357
	Pb	208	0.047099	mg/L	1081418.95	0.413	2.289
	Bi	209	0.047027	mg/L	903152.67	0.346	3.479
	Th	232	0.050751	mg/L	1204683.36	0.461	8.706
	U	238	0.049121	mg/L	1197929.34	0.460	8.592

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-06~~ 11C1255-06
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:04:18
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-06.064
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 60

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	177204.63	177204.629	3.178
	Be	9	-0.000044	mg/L	13.67	0.000	61.148
	B	11	0.063275	mg/L	15709.09	0.085	8.058
	Na	23	S	mg/L	S	S	S
	Mg	24	41.970467	mg/L	86202661.30	130.053	7.332
	Al	27	0.003261	mg/L	14805.08	0.017	26.910
	Si	28	18.449723	mg/L	30220599.53	45.512	4.338
	K	39	5.726998	mg/L	28077993.92	40.764	2.924
	Ca	44	28.741202	mg/L	4068374.53	5.994	3.009
>	Sc	45		mg/L	663822.53	663822.526	4.025
	Ti	47	0.004315	mg/L	3046.54	0.003	17.076
	V	51	0.000807	mg/L	-33682.93	0.020	95.161
	Cr	52	-0.000543	mg/L	20415.79	-0.002	65.635
	Mn	55	4.342673	mg/L	37598749.27	56.658	4.540
	Fe	57	162.176563	mg/L	36972420.85	55.733	3.732
	Ni	58	1.226329	mg/L	5572352.73	13.503	8.554
	Co	59	0.000143	mg/L	830.71	0.002	11.815
	Ni	60	0.000895	mg/L	1758.85	0.004	9.555
	Ni	62	0.025183	mg/L	7167.90	0.017	3.768
	Cu	63	0.003624	mg/L	17152.40	0.041	5.892
	Cu	65	0.000553	mg/L	2013.24	0.004	6.520
	Zn	66	0.003408	mg/L	5392.99	0.011	8.659
	Zn	68	0.004727	mg/L	5472.70	0.010	10.174
	Ga	69	0.001713	mg/L	16447.70	0.032	7.267
>	Ge	72		mg/L	413042.48	413042.476	3.918
	As	75	0.005587	mg/L	5894.14	0.016	6.880
	Se	77	-0.015369	mg/L	7287.66	-0.003	37.451
	Se	82	0.007231	mg/L	815.05	0.000	12.051
	Sr	88	0.237811	mg/L	3475748.95	2.056	7.889
>	Y	89		mg/L	1694228.75	1694228.750	4.173
	Mo	95	0.001129	mg/L	2903.83	0.002	11.307
	Mo	98	0.001119	mg/L	4415.42	0.003	7.898
>	Rh	103		mg/L	1448604.38	1448604.381	5.291
	Ag	107	0.000021	mg/L	663.03	0.000	25.004
	Ag	109	-0.000131	mg/L	455.68	0.000	42.027
	Cd	111	-0.000190	mg/L	63.00	0.000	30.234
	Cd	114	-0.000098	mg/L	130.58	0.000	31.777
>	In	115		mg/L	1831590.63	1831590.634	2.021
	Sn	118	-0.000071	mg/L	1079.74	0.000	17.650
	Sn	120	-0.000070	mg/L	1382.21	0.001	11.500
	Sb	121	-0.000422	mg/L	1535.15	0.001	10.163
	Sb	123	-0.000465	mg/L	1185.66	0.000	13.094
	Ba	135	0.079844	mg/L	122657.06	0.051	6.085

	Ba	137	0.078529	mg/L	210063.04	0.088	10.612
>	Tb	159		mg/L	2385025.35	2385025.346	4.629
>	Ho	165		mg/L	2418779.41	2418779.414	3.976
	Hg	202	0.000258	mg/L	48.67	-0.000	4.918
	Tl	203	0.000475	mg/L	4915.73	0.001	61.451
	Tl	205	0.000399	mg/L	11644.31	0.001	63.772
	Pb	208	-0.000317	mg/L	1582.40	0.000	25.805
	Bi	209	-0.000106	mg/L	2059.60	0.001	31.768
	Th	232	0.000327	mg/L	4328.08	0.001	32.297
	U	238	-0.000255	mg/L	251.01	0.000	11.157

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:09:24
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\RINSE.065
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	194511.12	194511.117	4.712
	Be	9	-0.000066	mg/L	10.00	0.000	183.935
	B	11	0.000675	mg/L	1054.41	0.002	35.845
	Na	23	0.052777	mg/L	255071.68	0.297	62.475
	Mg	24	0.003969	mg/L	11912.61	0.014	123.323
	Al	27	-0.000533	mg/L	3055.21	-0.001	67.710
	Si	28	-0.061417	mg/L	48923.07	0.007	142.486
	K	39	0.012134	mg/L	1338555.51	0.263	66.175
	Ca	44	-0.209372	mg/L	74061.48	-0.036	31.902
>	Sc	45		mg/L	740189.24	740189.240	7.264
	Ti	47	-0.000631	mg/L	989.06	-0.001	30.357
	V	51	0.004519	mg/L	-10825.54	0.056	12.484
	Cr	52	-0.002057	mg/L	13057.85	-0.015	14.725
	Mn	55	-0.000058	mg/L	5166.09	0.004	116.920
	Fe	57	0.010850	mg/L	15828.35	0.005	90.904
	Ni	58	0.000165	mg/L	8550.47	0.002	118.409
	Co	59	0.000137	mg/L	780.04	0.001	15.619
	Ni	60	0.000038	mg/L	145.67	0.000	61.125
	Ni	62	0.003825	mg/L	1255.77	0.003	19.589
	Cu	63	-0.000184	mg/L	1720.52	0.003	19.737
	Cu	65	-0.000206	mg/L	511.35	0.001	18.402
	Zn	66	-0.000294	mg/L	1078.41	0.001	38.846
	Zn	68	-0.000732	mg/L	1035.07	-0.000	87.979
	Ga	69	-0.000255	mg/L	1630.17	-0.004	21.928
>	Ge	72		mg/L	413793.30	413793.302	4.847
	As	75	0.001037	mg/L	344.68	0.003	8.854
	Se	77	-0.074987	mg/L	1219.43	-0.018	3.315
	Se	82	0.000340	mg/L	22.16	0.000	69.048
	Sr	88	-0.000223	mg/L	896.39	0.000	116.706
>	Y	89		mg/L	1837970.62	1837970.621	5.379
	Mo	95	0.000201	mg/L	936.06	0.000	7.064
	Mo	98	0.000267	mg/L	1542.35	0.001	3.438
>	Rh	103		mg/L	1634212.45	1634212.449	0.884
	Ag	107	-0.000072	mg/L	121.67	-0.000	81.893
	Ag	109	-0.000197	mg/L	89.67	-0.000	96.681
	Cd	111	-0.000201	mg/L	52.67	0.000	303.493
	Cd	114	-0.000098	mg/L	148.46	0.000	80.015
>	In	115		mg/L	2071730.73	2071730.727	8.948
	Sn	118	-0.000192	mg/L	570.36	0.000	36.918
	Sn	120	-0.000147	mg/L	962.52	0.000	122.582
	Sb	121	-0.000641	mg/L	500.02	0.000	147.603
	Sb	123	-0.000685	mg/L	395.25	0.000	104.714
	Ba	135	-0.000012	mg/L	209.01	0.000	144.379

	Ba	137	-0.000092	mg/L	197.37	0.000	87.716
>	Tb	159		mg/L	2596822.44	2596822.444	2.702
>	Ho	165		mg/L	2682420.47	2682420.466	4.830
	Hg	202	-0.001049	mg/L	47.33	-0.000	2.516
	Tl	203	0.000154	mg/L	3093.56	-0.000	27.688
	Tl	205	0.000069	mg/L	7124.54	-0.001	25.328
	Pb	208	-0.000321	mg/L	1668.41	0.000	78.775
	Bi	209	-0.000201	mg/L	420.68	-0.000	364.241
	Th	232	0.000186	mg/L	1349.11	-0.001	4.640
	U	238	-0.000259	mg/L	191.34	0.000	109.779

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV5
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:14:28
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV5.066
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	205537.81	205537.810	2.868
	Be	9	0.038267	mg/L	8782.33	0.043	3.015
	B	11	0.034746	mg/L	10426.43	0.047	7.982
	Na	23	0.443635	mg/L	1425721.71	2.006	2.718
	Mg	24	0.418246	mg/L	900331.99	1.298	6.845
	Al	27	0.208772	mg/L	699733.97	1.007	13.642
	Si	28	-0.020382	mg/L	116041.83	0.108	6.972
	K	39	0.518604	mg/L	3748910.54	3.852	5.102
	Ca	44	0.331557	mg/L	147864.78	0.077	6.097
>	Sc	45		mg/L	694176.16	694176.164	4.759
	Ti	47	0.041653	mg/L	20259.42	0.027	6.989
	V	51	0.044853	mg/L	260148.51	0.448	20.884
	Cr	52	0.043196	mg/L	281832.65	0.374	11.891
	Mn	55	0.044516	mg/L	408728.18	0.586	1.751
	Fe	57	0.181363	mg/L	55549.85	0.063	2.246
	Ni	58	0.040854	mg/L	193052.34	0.450	3.189
	Co	59	0.039450	mg/L	346864.53	0.842	8.510
	Ni	60	0.041413	mg/L	77938.12	0.189	7.391
	Ni	62	0.043213	mg/L	12132.22	0.029	2.089
	Cu	63	0.041958	mg/L	172147.14	0.417	6.160
	Cu	65	0.040698	mg/L	81350.36	0.197	6.250
	Zn	66	0.040126	mg/L	48153.01	0.115	2.044
	Zn	68	0.040899	mg/L	34848.84	0.082	7.681
	Ga	69	0.041572	mg/L	316009.80	0.759	7.156
>	Ge	72		mg/L	412037.14	412037.138	2.177
	As	75	0.043017	mg/L	51329.64	0.126	3.183
	Se	77	0.006674	mg/L	9521.42	0.003	33.705
	Se	82	0.039577	mg/L	5010.74	0.003	2.661
	Sr	88	0.041869	mg/L	676913.06	0.364	8.591
>	Y	89		mg/L	1860762.52	1860762.522	0.933
	Mo	95	0.041778	mg/L	101179.67	0.054	5.900
	Mo	98	0.041836	mg/L	161714.05	0.087	5.945
>	Rh	103		mg/L	1615197.47	1615197.474	6.078
	Ag	107	0.021991	mg/L	146625.52	0.091	2.712
	Ag	109	0.022182	mg/L	140162.18	0.087	5.237
	Cd	111	0.041061	mg/L	69037.11	0.043	12.350
	Cd	114	0.040755	mg/L	162712.13	0.101	13.439
>	In	115		mg/L	1973932.12	1973932.117	0.376
	Sn	118	0.040767	mg/L	210589.55	0.106	5.444
	Sn	120	0.041685	mg/L	293389.91	0.148	8.150
	Sb	121	0.043592	mg/L	237183.67	0.120	4.546
	Sb	123	0.043445	mg/L	180743.85	0.091	3.490
	Ba	135	0.038512	mg/L	63914.37	0.025	1.059

	Ba	137	0.038952	mg/L	112471.90	0.044	9.964
>	Tb	159		mg/L	2567970.90	2567970.903	4.365
>	Ho	165		mg/L	2502189.43	2502189.435	4.660
	Hg	202	0.011238	mg/L	101.00	-0.000	79.558
	Tl	203	0.039282	mg/L	272401.46	0.108	8.942
	Tl	205	0.039696	mg/L	653969.17	0.259	11.599
	Pb	208	0.040332	mg/L	887607.89	0.354	0.661
	Bi	209	0.040127	mg/L	739364.12	0.295	0.613
	Th	232	0.040040	mg/L	909980.31	0.363	7.255
	U	238	0.039746	mg/L	929105.87	0.372	9.925

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB5
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:19:33
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB5.067
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	205794.88	205794.879	6.095
	Be	9	-0.000060	mg/L	12.00	0.000	17.568
	B	11	-0.000177	mg/L	881.39	0.001	95.727
	Na	23	0.014284	mg/L	123342.01	0.129	13.565
	Mg	24	-0.000236	mg/L	2134.94	0.001	22.557
	Al	27	-0.000267	mg/L	3775.50	0.000	304.688
	Si	28	-0.063039	mg/L	43911.47	0.003	140.653
	K	39	0.029502	mg/L	1354815.75	0.386	35.588
	Ca	44	-0.160330	mg/L	77306.49	-0.025	30.771
>	Sc	45		mg/L	700468.58	700468.577	6.422
	Ti	47	-0.000326	mg/L	1073.07	-0.000	52.485
	V	51	0.001005	mg/L	-34182.44	0.022	34.039
	Cr	52	-0.000570	mg/L	21284.51	-0.002	158.677
	Mn	55	-0.000412	mg/L	1653.50	-0.000	78.750
	Fe	57	0.001207	mg/L	12671.32	0.001	16.380
	Ni	58	0.000028	mg/L	8038.64	0.001	146.941
	Co	59	0.000064	mg/L	131.34	-0.000	28.665
	Ni	60	0.000077	mg/L	222.67	0.000	22.414
	Ni	62	0.002016	mg/L	765.71	0.001	15.199
	Cu	63	-0.000326	mg/L	1163.42	0.002	16.219
	Cu	65	-0.000284	mg/L	362.01	0.000	9.383
	Zn	66	-0.000613	mg/L	716.37	0.000	707.268
	Zn	68	-0.000741	mg/L	1040.74	-0.000	29.974
	Ga	69	-0.000150	mg/L	2458.02	-0.002	2.533
>	Ge	72		mg/L	418462.70	418462.701	2.640
	As	75	0.000223	mg/L	-647.13	0.000	389.311
	Se	77	-0.026745	mg/L	6209.85	-0.006	17.314
	Se	82	0.000460	mg/L	36.78	0.000	77.530
	Sr	88	-0.000244	mg/L	603.36	0.000	43.616
>	Y	89		mg/L	1897606.35	1897606.347	4.439
	Mo	95	0.000450	mg/L	1574.15	0.001	16.694
	Mo	98	0.000520	mg/L	2577.68	0.001	21.308
>	Rh	103		mg/L	1616263.80	1616263.800	2.110
	Ag	107	-0.000034	mg/L	374.68	0.000	34.217
	Ag	109	-0.000157	mg/L	341.68	0.000	43.242
	Cd	111	-0.000197	mg/L	58.33	0.000	72.046
	Cd	114	-0.000105	mg/L	116.66	0.000	364.388
>	In	115		mg/L	1975889.27	1975889.266	6.844
	Sn	118	-0.000122	mg/L	905.39	0.000	9.726
	Sn	120	-0.000111	mg/L	1204.53	0.000	7.047
	Sb	121	0.001190	mg/L	10241.26	0.005	16.947
	Sb	123	0.001120	mg/L	7752.15	0.004	13.527
	Ba	135	-0.000074	mg/L	102.33	-0.000	14.070

	Ba	137	-0.000100	mg/L	172.41	0.000	16.894
>	Tb	159		mg/L	2573062.59	2573062.591	2.874
>	Ho	165		mg/L	2532766.66	2532766.658	7.116
	Hg	202	0.011732	mg/L	105.00	-0.000	27.346
	Tl	203	-0.000012	mg/L	1757.19	-0.001	2.833
	Tl	205	-0.000082	mg/L	4211.35	-0.002	9.467
	Pb	208	-0.000363	mg/L	640.35	-0.000	3.812
	Bi	209	-0.000135	mg/L	1620.16	0.000	23.184
	Th	232	0.000551	mg/L	9692.66	0.003	20.897
	U	238	-0.000257	mg/L	230.01	0.000	32.536

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-10~~ 11C1255-10
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:24:38
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-10.068
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 61

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	172935.44	172935.439	8.496
	Be	9	-0.000054	mg/L	11.33	0.000	48.394
	B	11	0.159669	mg/L	37398.24	0.213	7.433
	Na	23	S	mg/L	S	S	S
	Mg	24	0.084488	mg/L	163534.52	0.264	4.080
	Al	27	0.020136	mg/L	63663.51	0.099	9.187
	Si	28	0.341260	mg/L	647443.41	0.997	14.028
	K	39	66.488190	mg/L	290469190.24	471.372	9.213
	Ca	44	494.723867	mg/L	63486131.51	103.040	4.067
>	Sc	45		mg/L	616201.18	616201.184	6.570
	Ti	47	0.000634	mg/L	1338.11	0.000	25.486
	V	51	-0.001641	mg/L	-45460.23	-0.004	344.512
	Cr	52	0.013901	mg/L	95160.58	0.122	15.407
	Mn	55	0.000055	mg/L	5205.54	0.006	8.945
	Fe	57	1.045038	mg/L	232325.37	0.360	2.975
	Ni	58	0.008455	mg/L	40159.18	0.094	12.733
	Co	59	0.002542	mg/L	19140.33	0.053	5.043
	Ni	60	0.017471	mg/L	28788.49	0.080	8.120
	Ni	62	0.007165	mg/L	1893.55	0.005	15.521
	Cu	63	0.007362	mg/L	28102.04	0.077	2.100
	Cu	65	0.003824	mg/L	7370.73	0.020	9.979
	Zn	66	0.001569	mg/L	2824.80	0.006	14.059
	Zn	68	0.016057	mg/L	12785.45	0.033	6.598
	Ga	69	0.015704	mg/L	106155.01	0.287	4.087
>	Ge	72		mg/L	359675.83	359675.827	5.886
	As	75	0.002594	mg/L	1997.71	0.007	66.352
	Se	77	0.040290	mg/L	11239.41	0.011	34.790
	Se	82	0.008349	mg/L	960.78	0.001	14.372
	Sr	88	4.586990	mg/L	68355154.97	39.612	0.911
>	Y	89		mg/L	1725960.33	1725960.327	6.188
	Mo	95	0.003627	mg/L	8520.75	0.005	5.309
	Mo	98	0.003499	mg/L	12929.06	0.007	13.410
>	Rh	103		mg/L	1397994.29	1397994.294	1.168
	Ag	107	-0.000062	mg/L	164.00	0.000	55.484
	Ag	109	-0.000191	mg/L	109.00	0.000	80.817
	Cd	111	-0.000180	mg/L	76.00	0.000	28.154
	Cd	114	-0.000093	mg/L	142.73	0.000	32.797
>	In	115		mg/L	1804220.12	1804220.119	4.639
	Sn	118	-0.000121	mg/L	829.71	0.000	25.627
	Sn	120	-0.000114	mg/L	1075.40	0.000	13.377
	Sb	121	0.000134	mg/L	4229.36	0.002	6.569
	Sb	123	0.000155	mg/L	3481.49	0.002	3.116
	Ba	135	0.569328	mg/L	932546.54	0.367	10.614

	Ba	137	0.570497	mg/L	1630944.19	0.641	5.843
>	Tb	159		mg/L	2548555.52	2548555.522	3.691
>	Ho	165		mg/L	2441788.51	2441788.507	2.914
	Hg	202	0.000933	mg/L	52.00	-0.000	10.923
	Tl	203	-0.000057	mg/L	1394.12	-0.001	2.383
	Tl	205	-0.000125	mg/L	3393.00	-0.002	1.088
	Pb	208	-0.000109	mg/L	6029.84	0.002	2.200
	Bi	209	-0.000183	mg/L	702.37	0.000	27.502
	Th	232	0.000303	mg/L	3838.52	0.001	26.001
	U	238	-0.000261	mg/L	113.00	-0.000	1435.227

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-11~~ 11C1255-11
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:29:44
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-11.069
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 62

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	193308.51	193308.507	4.453
	Be	9	-0.000059	mg/L	11.33	0.000	78.561
	B	11	0.647147	mg/L	167035.21	0.862	6.217
	Na	23	33.654858	mg/L	105014727.15	147.203	4.282
	Mg	24	S	mg/L	S	S	S
	Al	27	0.003467	mg/L	16690.45	0.018	16.451
	Si	28	3.403928	mg/L	6112272.50	8.525	7.369
	K	39	S	mg/L	S	S	S
	Ca	44	31.454022	mg/L	4768382.32	6.559	4.514
>	Sc	45		mg/L	712751.66	712751.665	2.493
	Ti	47	0.000767	mg/L	1612.49	0.000	47.030
	V	51	-0.004550	mg/L	-72807.79	-0.032	89.690
	Cr	52	0.174982	mg/L	1097869.31	1.509	7.548
	Mn	55	0.007238	mg/L	72759.53	0.100	5.302
	Fe	57	0.327261	mg/L	92797.83	0.114	5.210
	Ni	58	0.006194	mg/L	35824.65	0.069	11.793
	Co	59	0.001782	mg/L	15255.61	0.037	4.800
	Ni	60	0.004263	mg/L	8101.37	0.019	4.291
	Ni	62	0.007061	mg/L	2148.61	0.005	8.113
	Cu	63	0.007426	mg/L	32454.50	0.078	2.852
	Cu	65	0.008057	mg/L	16805.06	0.040	8.606
	Zn	66	0.047243	mg/L	56342.82	0.135	9.974
	Zn	68	0.046831	mg/L	39638.37	0.094	7.252
	Ga	69	0.000368	mg/L	6312.59	0.007	1.779
>	Ge	72		mg/L	412032.03	412032.026	3.265
	As	75	0.006103	mg/L	6508.39	0.018	16.279
	Se	77	0.054366	mg/L	14343.80	0.014	18.330
	Se	82	0.027792	mg/L	3719.27	0.002	15.621
	Sr	88	0.109202	mg/L	1873570.26	0.945	5.790
>	Y	89		mg/L	1989005.03	1989005.029	9.463
	Mo	95	0.303638	mg/L	779694.48	0.393	6.015
	Mo	98	0.297876	mg/L	1216905.96	0.617	13.114
>	Rh	103		mg/L	1578304.29	1578304.293	2.512
	Ag	107	0.000136	mg/L	1463.13	0.001	10.042
	Ag	109	0.000005	mg/L	1324.44	0.001	12.049
	Cd	111	0.000955	mg/L	1946.23	0.001	7.305
	Cd	114	0.000765	mg/L	3514.42	0.002	1.988
>	In	115		mg/L	2021955.77	2021955.767	8.596
	Sn	118	-0.000192	mg/L	561.36	0.000	27.876
	Sn	120	-0.000171	mg/L	801.39	0.000	25.213
	Sb	121	0.001795	mg/L	13749.21	0.007	13.204
	Sb	123	0.001770	mg/L	10611.11	0.005	9.743
	Ba	135	0.016502	mg/L	29005.31	0.011	8.985

	Ba	137	0.016609	mg/L	50976.83	0.019	7.361
>	Tb	159		mg/L	2709133.58	2709133.580	1.692
>	Ho	165		mg/L	2637670.50	2637670.498	1.773
	Hg	202	0.033958	mg/L	219.00	0.000	12.666
	Tl	203	0.000011	mg/L	2000.57	-0.001	2.554
	Tl	205	-0.000048	mg/L	4998.76	-0.002	4.782
	Pb	208	0.001820	mg/L	50797.37	0.019	3.700
	Bi	209	-0.000198	mg/L	482.35	0.000	111.498
	Th	232	0.000636	mg/L	12174.43	0.004	20.162
	U	238	0.000192	mg/L	11257.08	0.004	1.487

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-12~~ 11C1255-12
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:34:50
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-12.070
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 63

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	217079.96	217079.956	3.676
	Be	9	0.004185	mg/L	1038.74	0.005	1.382
	B	11	0.012059	mg/L	4481.85	0.017	22.508
	Na	23	S	mg/L	S	S	S
	Mg	24	66.818140	mg/L	163863730.28	207.048	4.550
	Al	27	1.625214	mg/L	6189068.91	7.830	3.620
	Si	28	24.500629	mg/L	47712750.57	60.386	8.718
	K	39	1.012029	mg/L	7022275.68	7.349	12.280
	Ca	44	21.288862	mg/L	3615373.61	4.442	5.084
>	Sc	45		mg/L	790710.13	790710.131	4.270
	Ti	47	0.002450	mg/L	2665.75	0.001	1.855
	V	51	-0.001815	mg/L	-59548.93	-0.006	650.840
	Cr	52	0.001028	mg/L	34979.58	0.011	26.510
	Mn	55	0.601594	mg/L	6200456.57	7.853	6.430
	Fe	57	13.103820	mg/L	3576084.84	4.504	3.270
	Ni	58	0.445314	mg/L	2167394.73	4.904	17.395
	Co	59	0.240790	mg/L	2274410.06	5.149	10.490
	Ni	60	0.343830	mg/L	696024.01	1.570	3.706
	Ni	62	0.364164	mg/L	108572.68	0.244	2.090
	Cu	63	0.002492	mg/L	13475.80	0.030	4.792
	Cu	65	0.002173	mg/L	5586.11	0.012	10.104
	Zn	66	0.621670	mg/L	776865.80	1.759	13.493
	Zn	68	0.625460	mg/L	547175.88	1.235	9.116
	Ga	69	0.000239	mg/L	5747.21	0.005	8.471
>	Ge	72		mg/L	443796.70	443796.701	6.745
	As	75	0.002194	mg/L	1918.16	0.006	32.884
	Se	77	0.021714	mg/L	11857.18	0.006	33.895
	Se	82	0.003072	mg/L	594.18	0.000	19.684
	Sr	88	0.162571	mg/L	4246814.28	1.406	2.164
>	Y	89		mg/L	3022484.03	3022484.030	7.230
	Mo	95	0.001437	mg/L	6383.11	0.002	28.293
	Mo	98	0.001484	mg/L	10126.59	0.003	27.818
>	Rh	103		mg/L	1597534.78	1597534.782	2.932
	Ag	107	-0.000059	mg/L	204.67	0.000	51.788
	Ag	109	-0.000190	mg/L	133.67	0.000	99.327
	Cd	111	0.001155	mg/L	2302.98	0.001	7.176
	Cd	114	0.001245	mg/L	5458.59	0.003	4.354
>	In	115		mg/L	2060288.81	2060288.810	7.727
	Sn	118	-0.000191	mg/L	579.02	0.000	19.548
	Sn	120	-0.000172	mg/L	810.41	0.000	24.083
	Sb	121	-0.000411	mg/L	1784.19	0.001	11.992
	Sb	123	-0.000451	mg/L	1388.77	0.001	8.675
	Ba	135	0.014154	mg/L	25405.13	0.009	9.245

	Ba	137	0.012453	mg/L	39091.61	0.014	8.970
>	Tb	159		mg/L	2766105.78	2766105.779	4.933
>	Ho	165		mg/L	2736410.31	2736410.306	1.975
	Hg	202	0.000398	mg/L	55.67	-0.000	12.309
	Tl	203	-0.000113	mg/L	1140.08	-0.001	3.283
	Tl	205	-0.000179	mg/L	2845.81	-0.003	3.344
	Pb	208	0.002143	mg/L	60416.17	0.022	3.204
	Bi	209	-0.000201	mg/L	425.68	-0.000	123.817
	Th	232	0.000207	mg/L	1910.56	-0.000	27.722
	U	238	0.000696	mg/L	24515.93	0.009	3.071

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-13~~ 11C1255-13
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:39:56
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-13.071
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 64

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	159430.74	159430.739	1.854
	Be	9	-0.000026	mg/L	15.33	0.000	23.855
	B	11	0.839127	mg/L	178674.65	1.118	6.274
	Na	23	S	mg/L	S	S	S
	Mg	24	S	mg/L	S	S	S
	Al	27	0.006271	mg/L	23101.30	0.032	2.969
	Si	28	7.786015	mg/L	12085330.33	19.298	5.890
	K	39	75.639428	mg/L	335371012.05	536.226	8.942
	Ca	44	105.641871	mg/L	13832639.97	22.009	4.678
>	Sc	45		mg/L	625676.46	625676.458	6.380
	Ti	47	0.002529	mg/L	2145.28	0.002	22.540
	V	51	-0.006057	mg/L	-72632.33	-0.047	60.914
	Cr	52	0.001545	mg/L	30416.79	0.016	23.647
	Mn	55	0.489744	mg/L	3997028.25	6.394	3.403
	Fe	57	18.478866	mg/L	3988199.32	6.351	3.499
	Ni	58	0.134096	mg/L	545472.19	1.477	12.739
	Co	59	0.001476	mg/L	11137.96	0.030	10.121
	Ni	60	0.006240	mg/L	10485.16	0.028	2.599
	Ni	62	0.280400	mg/L	69503.89	0.188	56.738
	Cu	63	0.046548	mg/L	169978.67	0.462	37.479
	Cu	65	0.001986	mg/L	4285.06	0.011	10.660
	Zn	66	0.003665	mg/L	5037.12	0.012	10.954
	Zn	68	0.005073	mg/L	5097.15	0.011	11.687
	Ga	69	0.002565	mg/L	20247.40	0.047	3.946
>	Ge	72		mg/L	365462.50	365462.502	3.307
	As	75	0.017500	mg/L	18012.62	0.051	8.919
	Se	77	0.043848	mg/L	11778.42	0.012	17.832
	Se	82	0.034624	mg/L	4111.91	0.002	21.896
	Sr	88	1.577367	mg/L	23888046.41	13.623	1.945
>	Y	89		mg/L	1753888.33	1753888.334	3.708
	Mo	95	0.001511	mg/L	3863.19	0.002	6.419
	Mo	98	0.001401	mg/L	5579.76	0.003	13.514
>	Rh	103		mg/L	1391792.57	1391792.574	5.684
	Ag	107	-0.000060	mg/L	171.67	0.000	23.028
	Ag	109	-0.000188	mg/L	126.00	0.000	50.801
	Cd	111	-0.000190	mg/L	60.33	0.000	72.498
	Cd	114	-0.000097	mg/L	129.22	0.000	26.674
>	In	115		mg/L	1950809.44	1950809.438	14.136
	Sn	118	-0.000178	mg/L	603.69	0.000	42.704
	Sn	120	-0.000165	mg/L	808.99	0.000	23.648
	Sb	121	-0.000212	mg/L	2725.44	0.001	12.327
	Sb	123	-0.000236	mg/L	2166.44	0.001	17.215
	Ba	135	0.097496	mg/L	166179.04	0.063	12.337

	Ba	137	0.096141	mg/L	285816.58	0.108	10.700
>	Tb	159		mg/L	2641079.71	2641079.712	3.372
>	Ho	165		mg/L	2636381.69	2636381.692	6.820
	Hg	202	0.000713	mg/L	55.67	-0.000	16.190
	Tl	203	-0.000172	mg/L	674.70	-0.001	2.479
	Tl	205	-0.000233	mg/L	1802.20	-0.003	1.006
	Pb	208	-0.000349	mg/L	1000.03	-0.000	45.935
	Bi	209	-0.000180	mg/L	821.71	0.000	6.687
	Th	232	0.000175	mg/L	1056.41	-0.001	9.415
	U	238	-0.000200	mg/L	1620.16	0.001	10.574

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-14~~ 11C1255-14
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:45:02
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-14.072
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 65

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	189034.79	189034.786	0.860
	Be	9	-0.000044	mg/L	14.33	0.000	6.246
	B	11	0.324046	mg/L	82398.94	0.432	9.286
	Na	23	S	mg/L	S	S	S
	Mg	24	0.240000	mg/L	528171.75	0.745	8.112
	Al	27	0.088035	mg/L	304292.37	0.426	8.209
	Si	28	4.540224	mg/L	8047035.93	11.319	3.706
	K	39	S	mg/L	S	S	S
	Ca	44	286.505519	mg/L	42396699.32	59.676	4.953
>	Sc	45		mg/L	708160.73	708160.732	5.481
	Ti	47	0.001193	mg/L	1799.20	0.001	24.804
	V	51	0.074175	mg/L	467611.20	0.733	12.173
	Cr	52	0.000195	mg/L	26263.16	0.004	34.414
	Mn	55	0.000892	mg/L	13730.19	0.017	4.446
	Fe	57	0.582291	mg/L	154315.07	0.201	1.942
	Ni	58	0.028679	mg/L	130803.59	0.316	6.413
	Co	59	0.000694	mg/L	5384.99	0.013	12.438
	Ni	60	0.032694	mg/L	58460.41	0.149	4.652
	Ni	62	0.066250	mg/L	17616.18	0.044	12.385
	Cu	63	0.003993	mg/L	17707.69	0.044	12.921
	Cu	65	0.002538	mg/L	5632.47	0.014	1.586
	Zn	66	0.003746	mg/L	5486.04	0.012	5.923
	Zn	68	0.002282	mg/L	3304.97	0.006	11.052
	Ga	69	0.001366	mg/L	13118.60	0.025	6.140
>	Ge	72		mg/L	391326.05	391326.047	3.608
	As	75	0.014340	mg/L	15678.52	0.042	3.950
	Se	77	0.000968	mg/L	8491.05	0.001	21.228
	Se	82	0.007077	mg/L	866.59	0.000	7.516
	Sr	88	0.575330	mg/L	9123154.74	4.970	7.033
>	Y	89		mg/L	1839943.07	1839943.071	5.963
	Mo	95	0.737750	mg/L	1760945.32	0.956	4.887
	Mo	98	0.781770	mg/L	2979182.96	1.618	1.718
>	Rh	103		mg/L	1482804.96	1482804.958	4.939
	Ag	107	-0.000051	mg/L	241.67	0.000	8.811
	Ag	109	-0.000179	mg/L	189.34	0.000	21.796
	Cd	111	0.002142	mg/L	3643.45	0.002	19.498
	Cd	114	0.001499	mg/L	5977.98	0.004	15.657
>	In	115		mg/L	1979494.95	1979494.946	7.352
	Sn	118	-0.000155	mg/L	737.04	0.000	10.681
	Sn	120	-0.000142	mg/L	982.00	0.000	19.059
	Sb	121	0.000166	mg/L	4804.98	0.002	5.146
	Sb	123	0.000130	mg/L	3711.90	0.002	9.103
	Ba	135	0.009044	mg/L	15632.94	0.006	9.020

	Ba	137	0.008746	mg/L	26381.36	0.010	12.952
>	Tb	159		mg/L	2655460.57	2655460.568	8.794
>	Ho	165		mg/L	2632729.39	2632729.390	7.497
	Hg	202	0.613399	mg/L	3064.55	0.001	2.476
	Tl	203	0.000225	mg/L	3535.72	-0.000	83.027
	Tl	205	0.000178	mg/L	8857.74	-0.000	104.405
	Pb	208	-0.000244	mg/L	3396.62	0.001	2.872
	Bi	209	-0.000203	mg/L	370.34	-0.000	99.266
	Th	232	0.000167	mg/L	854.05	-0.001	8.435
	U	238	-0.000260	mg/L	147.00	0.000	80.304

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-15~~ 11C1255-15
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:50:08
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-15.073
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 66

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	187460.97	187460.967	2.894
	Be	9	-0.000055	mg/L	12.00	0.000	42.134
	B	11	0.387287	mg/L	97275.80	0.516	12.010
	Na	23	S	mg/L	S	S	S
	Mg	24	81.639246	mg/L	173463736.61	252.973	5.347
	Al	27	0.003974	mg/L	17705.45	0.021	13.760
	Si	28	9.006535	mg/L	15317028.00	22.298	8.295
	K	39	60.930252	mg/L	297581100.87	431.983	2.020
	Ca	44	106.595800	mg/L	15354988.47	22.208	2.474
>	Sc	45		mg/L	686724.12	686724.123	4.356
	Ti	47	0.002861	mg/L	2495.03	0.002	20.370
	V	51	-0.003429	mg/L	-63783.84	-0.021	201.963
	Cr	52	0.001622	mg/L	33853.33	0.016	26.426
	Mn	55	0.171028	mg/L	1538910.64	2.236	3.684
	Fe	57	0.432654	mg/L	114361.15	0.150	4.548
	Ni	58	0.007064	mg/L	36676.90	0.078	2.337
	Co	59	0.002380	mg/L	18898.51	0.049	5.724
	Ni	60	0.006258	mg/L	10907.65	0.029	2.722
	Ni	62	0.046428	mg/L	11988.71	0.031	4.850
	Cu	63	0.012051	mg/L	47116.07	0.123	6.659
	Cu	65	0.001105	mg/L	2853.14	0.007	7.749
	Zn	66	0.004221	mg/L	5831.93	0.014	2.813
	Zn	68	0.005665	mg/L	5734.20	0.012	9.368
	Ga	69	0.002454	mg/L	20248.74	0.045	5.244
>	Ge	72		mg/L	379257.40	379257.402	1.427
	As	75	0.015904	mg/L	16936.31	0.046	4.195
	Se	77	0.061841	mg/L	13926.81	0.016	7.110
	Se	82	0.025476	mg/L	3077.68	0.002	1.042
	Sr	88	1.104673	mg/L	16959367.02	9.541	8.308
>	Y	89		mg/L	1779855.85	1779855.850	2.559
	Mo	95	0.009689	mg/L	22763.41	0.013	14.610
	Mo	98	0.009583	mg/L	35790.94	0.020	17.526
>	Rh	103		mg/L	1421604.77	1421604.772	5.716
	Ag	107	-0.000071	mg/L	114.00	-0.000	43.330
	Ag	109	-0.000196	mg/L	88.33	-0.000	61.137
	Cd	111	-0.000166	mg/L	97.00	0.000	26.461
	Cd	114	-0.000077	mg/L	201.74	0.000	19.660
>	In	115		mg/L	1878752.18	1878752.184	2.305
	Sn	118	-0.000003	mg/L	1440.80	0.001	8.830
	Sn	120	0.000016	mg/L	1989.76	0.001	10.437
	Sb	121	-0.000374	mg/L	1819.87	0.001	4.434
	Sb	123	-0.000396	mg/L	1487.73	0.001	9.669
	Ba	135	0.102999	mg/L	168798.03	0.066	5.245

	Ba	137	0.099908	mg/L	285052.43	0.112	10.354
>	Tb	159		mg/L	2545101.18	2545101.177	4.889
>	Ho	165		mg/L	2531152.56	2531152.563	5.991
	Hg	202	0.008256	mg/L	88.33	-0.000	21.452
	Tl	203	-0.000188	mg/L	526.69	-0.001	3.331
	Tl	205	-0.000262	mg/L	1241.10	-0.003	3.282
	Pb	208	-0.000281	mg/L	2451.49	0.001	2.039
	Bi	209	-0.000195	mg/L	511.02	0.000	92.078
	Th	232	0.000157	mg/L	588.36	-0.001	4.317
	U	238	-0.000167	mg/L	2328.99	0.001	12.385

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-20~~ 11C1255-20
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 14:55:14
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-20.074
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 67

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	161590.98	161590.979	1.543
	Be	9	-0.000031	mg/L	14.67	0.000	15.747
	B	11	0.044372	mg/L	10280.61	0.060	8.374
	Na	23	S	mg/L	S	S	S
	Mg	24	0.056771	mg/L	105577.74	0.178	5.195
	Al	27	0.005154	mg/L	18531.10	0.027	8.379
	Si	28	1.221688	mg/L	1890360.19	3.161	7.114
	K	39	S	mg/L	S	S	S
	Ca	44	625.214258	mg/L	76688876.54	130.216	3.264
>	Sc	45		mg/L	587885.00	587885.000	3.467
	Ti	47	0.001210	mg/L	1501.47	0.001	20.442
	V	51	0.046952	mg/L	233424.90	0.468	10.712
	Cr	52	0.000301	mg/L	22356.03	0.005	33.982
	Mn	55	0.000887	mg/L	11357.56	0.017	6.156
	Fe	57	1.291288	mg/L	271719.86	0.445	7.713
	Ni	58	0.006181	mg/L	28691.52	0.069	4.051
	Co	59	0.000840	mg/L	5573.44	0.016	11.741
	Ni	60	0.015544	mg/L	23463.88	0.071	7.434
	Ni	62	0.140026	mg/L	31114.90	0.094	14.839
	Cu	63	0.017977	mg/L	60168.18	0.181	6.517
	Cu	65	0.005204	mg/L	8966.85	0.027	4.191
	Zn	66	0.006933	mg/L	7603.25	0.021	0.506
	Zn	68	0.001789	mg/L	2466.36	0.005	9.444
	Ga	69	0.000678	mg/L	6919.37	0.013	8.762
>	Ge	72		mg/L	329891.94	329891.941	1.445
	As	75	0.019738	mg/L	18457.49	0.058	2.629
	Se	77	0.033301	mg/L	9791.72	0.009	18.531
	Se	82	0.046208	mg/L	5070.84	0.003	4.841
	Sr	88	2.289073	mg/L	31834095.12	19.769	4.162
>	Y	89		mg/L	1611047.51	1611047.505	1.696
	Mo	95	1.002769	mg/L	2094183.30	1.299	6.516
	Mo	98	1.027340	mg/L	3428314.38	2.127	5.930
>	Rh	103		mg/L	1286672.98	1286672.975	3.235
	Ag	107	-0.000069	mg/L	111.67	-0.000	60.569
	Ag	109	-0.000198	mg/L	69.67	-0.000	50.805
	Cd	111	0.002910	mg/L	4195.68	0.003	12.141
	Cd	114	0.002080	mg/L	7034.21	0.005	17.404
>	In	115		mg/L	1710834.27	1710834.272	4.602
	Sn	118	-0.000194	mg/L	463.35	0.000	37.631
	Sn	120	-0.000179	mg/L	626.27	0.000	51.196
	Sb	121	0.000650	mg/L	6399.32	0.004	4.652
	Sb	123	0.000664	mg/L	5104.67	0.003	5.215
	Ba	135	0.024686	mg/L	38319.33	0.016	0.814

	Ba	137	0.024062	mg/L	65124.13	0.027	6.307
>	Tb	159		mg/L	2396841.98	2396841.984	2.627
>	Ho	165		mg/L	2367387.77	2367387.774	5.913
	Hg	202	0.394712	mg/L	1789.53	0.001	2.010
	Tl	203	-0.000189	mg/L	484.35	-0.001	2.076
	Tl	205	-0.000268	mg/L	1075.41	-0.003	3.036
	Pb	208	-0.000242	mg/L	3087.24	0.001	3.556
	Bi	209	-0.000197	mg/L	438.02	0.000	99.602
	Th	232	0.000183	mg/L	1115.41	-0.001	11.985
	U	238	-0.000260	mg/L	148.00	0.000	49.951

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-45~~ 11C1255-45
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 15:00:20
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-45.075
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 68

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	201874.65	201874.647	3.867
	Be	9	-0.000047	mg/L	14.67	0.000	43.798
	B	11	0.464406	mg/L	125454.03	0.619	11.370
	Na	23	S	mg/L	S	S	S
	Mg	24	45.842167	mg/L	101653103.64	142.050	5.295
	Al	27	0.004140	mg/L	19062.22	0.022	12.072
	Si	28	7.953204	mg/L	14138302.46	19.709	7.608
	K	39	S	mg/L	S	S	S
	Ca	44	89.052170	mg/L	13393497.26	18.554	1.605
>	Sc	45		mg/L	716410.43	716410.434	3.357
	Ti	47	0.001252	mg/L	1848.21	0.001	15.516
	V	51	-0.002566	mg/L	-60104.86	-0.013	230.941
	Cr	52	0.001507	mg/L	34651.96	0.015	19.522
	Mn	55	0.314680	mg/L	2950086.13	4.110	5.866
	Fe	57	0.266450	mg/L	78315.05	0.093	4.426
	Ni	58	0.030112	mg/L	141261.36	0.332	6.712
	Co	59	0.001121	mg/L	9235.13	0.022	9.953
	Ni	60	0.030511	mg/L	56238.06	0.139	8.052
	Ni	62	0.043300	mg/L	11902.94	0.029	8.135
	Cu	63	0.002445	mg/L	12083.54	0.029	11.050
	Cu	65	0.002065	mg/L	4888.04	0.012	10.482
	Zn	66	0.011136	mg/L	14081.72	0.033	6.438
	Zn	68	0.009766	mg/L	9354.92	0.020	10.878
	Ga	69	0.000636	mg/L	8151.74	0.012	11.016
>	Ge	72		mg/L	403452.89	403452.886	2.199
	As	75	0.003289	mg/L	3016.92	0.009	3.375
	Se	77	0.032447	mg/L	11891.24	0.009	12.870
	Se	82	0.009473	mg/L	1190.26	0.001	5.088
	Sr	88	0.299792	mg/L	4848825.92	2.591	6.498
>	Y	89		mg/L	1872391.68	1872391.681	1.690
	Mo	95	0.161949	mg/L	393342.93	0.210	5.348
	Mo	98	0.163422	mg/L	634076.32	0.338	4.822
>	Rh	103		mg/L	1507853.97	1507853.973	7.676
	Ag	107	-0.000071	mg/L	120.67	-0.000	9.912
	Ag	109	-0.000195	mg/L	95.00	-0.000	233.138
	Cd	111	0.000255	mg/L	758.37	0.000	14.323
	Cd	114	0.000235	mg/L	1369.74	0.001	16.734
>	In	115		mg/L	1930383.97	1930383.966	1.544
	Sn	118	-0.000103	mg/L	980.40	0.000	8.221
	Sn	120	0.000020	mg/L	2060.23	0.001	73.217
	Sb	121	0.000028	mg/L	3974.91	0.002	4.202
	Sb	123	0.000014	mg/L	3161.22	0.001	8.276
	Ba	135	0.028608	mg/L	48270.67	0.018	3.470

	Ba	137	0.028138	mg/L	82684.35	0.032	9.630
>	Tb	159		mg/L	2609586.37	2609586.372	4.618
>	Ho	165		mg/L	2611655.56	2611655.564	4.160
	Hg	202	0.090553	mg/L	491.68	0.000	9.649
	Tl	203	-0.000187	mg/L	551.69	-0.001	3.370
	Tl	205	-0.000263	mg/L	1271.10	-0.003	2.573
	Pb	208	-0.000209	mg/L	4177.75	0.001	2.957
	Bi	209	-0.000205	mg/L	339.34	-0.000	43.918
	Th	232	0.000180	mg/L	1174.42	-0.001	14.100
	U	238	0.000435	mg/L	16996.75	0.006	10.610

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-46~~ 11C1255-46
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 15:06:01
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-46.076
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 69

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	208492.22	208492.221	4.266
	Be	9	0.004058	mg/L	967.06	0.005	2.871
	B	11	0.082452	mg/L	23758.64	0.111	9.777
	Na	23	S	mg/L	S	S	S
	Mg	24	76.509506	mg/L	189449786.71	237.078	7.681
	Al	27	0.033067	mg/L	132481.02	0.161	12.985
	Si	28	19.847504	mg/L	39121265.94	48.948	11.582
	K	39	14.983850	mg/L	86331553.41	106.366	3.807
	Ca	44	50.508683	mg/L	8545195.08	10.527	3.041
>	Sc	45		mg/L	800787.87	800787.869	4.135
	Ti	47	0.002647	mg/L	2799.13	0.002	12.213
	V	51	-0.001177	mg/L	-56103.69	0.001	2271.510
	Cr	52	-0.000411	mg/L	25492.69	-0.001	292.740
	Mn	55	6.323603	mg/L	66109475.13	82.500	2.383
	Fe	57	8.463897	mg/L	2343604.08	2.910	0.723
	Ni	58	0.069445	mg/L	335152.44	0.765	1.145
	Co	59	0.000699	mg/L	5943.68	0.013	10.027
	Ni	60	0.002432	mg/L	4829.67	0.011	7.847
	Ni	62	0.018396	mg/L	5480.71	0.012	6.170
	Cu	63	0.008569	mg/L	38507.07	0.089	7.551
	Cu	65	0.002106	mg/L	5267.25	0.012	6.934
	Zn	66	0.007186	mg/L	10164.11	0.022	1.496
	Zn	68	0.008924	mg/L	9220.11	0.019	6.697
	Ga	69	0.002673	mg/L	24556.14	0.049	7.715
>	Ge	72		mg/L	427770.97	427770.975	1.346
	As	75	0.004386	mg/L	4579.62	0.012	1.503
	Se	77	0.009435	mg/L	10171.12	0.003	26.569
	Se	82	0.012524	mg/L	1988.05	0.001	5.142
	Sr	88	0.369570	mg/L	7524675.25	3.193	7.150
>	Y	89		mg/L	2355713.42	2355713.425	1.622
	Mo	95	0.002129	mg/L	7074.16	0.003	8.828
	Mo	98	0.002078	mg/L	10796.48	0.005	10.919
>	Rh	103		mg/L	1547923.74	1547923.737	6.356
	Ag	107	-0.000057	mg/L	212.67	0.000	39.814
	Ag	109	-0.000185	mg/L	160.00	0.000	48.381
	Cd	111	-0.000136	mg/L	154.67	0.000	9.324
	Cd	114	-0.000047	mg/L	335.35	0.000	13.571
>	In	115		mg/L	2114249.13	2114249.133	5.038
	Sn	118	-0.000207	mg/L	501.35	0.000	8.372
	Sn	120	-0.000197	mg/L	640.75	0.000	28.988
	Sb	121	-0.000521	mg/L	1207.76	0.000	8.861
	Sb	123	-0.000567	mg/L	925.95	0.000	15.198
	Ba	135	0.118127	mg/L	208297.08	0.076	2.795

	Ba	137	0.114523	mg/L	351386.37	0.129	9.697
>	Tb	159		mg/L	2736392.69	2736392.693	4.525
>	Ho	165		mg/L	2704116.05	2704116.048	5.501
	Hg	202	0.004351	mg/L	75.00	-0.000	2.053
	Tl	203	-0.000207	mg/L	422.35	-0.001	1.046
	Tl	205	-0.000285	mg/L	923.72	-0.003	1.174
	Pb	208	0.000500	mg/L	20996.13	0.007	1.621
	Bi	209	-0.000200	mg/L	446.68	0.000	534.859
	Th	232	0.000158	mg/L	656.70	-0.001	6.450
	U	238	-0.000006	mg/L	6513.74	0.002	14.244

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-47~~ 11C1255-47
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 15:11:07
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-47.077
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 70

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	229985.33	229985.325	4.779
	Be	9	0.000817	mg/L	237.34	0.001	13.865
	B	11	0.012968	mg/L	4997.43	0.018	12.458
	Na	23	S	mg/L	S	S	S
	Mg	24	68.953088	mg/L	179880440.71	213.663	7.424
	Al	27	0.018932	mg/L	82455.68	0.093	10.931
	Si	28	17.832244	mg/L	37085935.55	43.994	8.280
	K	39	1.589853	mg/L	10950284.94	11.444	2.636
	Ca	44	50.047829	mg/L	8908549.40	10.431	3.333
>	Sc	45		mg/L	842842.44	842842.437	3.921
	Ti	47	0.002087	mg/L	2639.41	0.001	28.385
	V	51	0.001309	mg/L	-38672.52	0.025	99.595
	Cr	52	-0.001245	mg/L	20841.42	-0.008	11.910
	Mn	55	2.203011	mg/L	24233616.15	28.745	2.811
	Fe	57	78.991141	mg/L	22896310.52	27.146	3.201
	Ni	58	0.859458	mg/L	4491083.27	9.463	8.956
	Co	59	0.185545	mg/L	1877397.40	3.967	16.748
	Ni	60	0.212570	mg/L	459683.01	0.971	9.581
	Ni	62	0.257963	mg/L	82141.36	0.173	1.070
	Cu	63	0.001388	mg/L	9282.84	0.019	3.004
	Cu	65	0.001586	mg/L	4655.91	0.009	0.767
	Zn	66	0.148903	mg/L	201028.46	0.423	5.759
	Zn	68	0.146017	mg/L	138282.06	0.289	7.466
	Ga	69	0.000231	mg/L	6076.09	0.005	10.397
>	Ge	72		mg/L	473758.85	473758.852	2.417
	As	75	0.004024	mg/L	4564.21	0.011	3.981
	Se	77	-0.038435	mg/L	5675.17	-0.008	5.413
	Se	82	0.004441	mg/L	721.04	0.000	14.347
	Sr	88	0.200559	mg/L	4274886.77	1.734	8.644
>	Y	89		mg/L	2466603.77	2466603.769	3.332
	Mo	95	0.000936	mg/L	3602.42	0.001	3.068
	Mo	98	0.000954	mg/L	5578.91	0.002	3.873
>	Rh	103		mg/L	1668577.44	1668577.443	8.237
	Ag	107	-0.000054	mg/L	246.67	0.000	23.234
	Ag	109	-0.000195	mg/L	104.33	-0.000	163.843
	Cd	111	0.000280	mg/L	882.05	0.001	14.606
	Cd	114	0.000373	mg/L	2084.30	0.001	13.869
>	In	115		mg/L	2280558.67	2280558.670	2.970
	Sn	118	-0.000227	mg/L	426.68	0.000	200.245
	Sn	120	-0.000216	mg/L	544.77	-0.000	233.155
	Sb	121	-0.000583	mg/L	914.39	0.000	18.490
	Sb	123	-0.000617	mg/L	757.86	0.000	21.572
	Ba	135	0.016424	mg/L	31114.25	0.011	5.313

	Ba	137	0.015771	mg/L	52059.89	0.018	12.161
>	Tb	159		mg/L	2919060.59	2919060.595	5.402
>	Ho	165		mg/L	2937253.99	2937253.992	4.553
	Hg	202	-0.001069	mg/L	51.33	-0.000	12.841
	Tl	203	-0.000144	mg/L	966.39	-0.001	4.031
	Tl	205	-0.000216	mg/L	2331.32	-0.003	3.301
	Pb	208	-0.000353	mg/L	1015.37	-0.000	14.354
	Bi	209	-0.000206	mg/L	354.34	-0.000	34.761
	Th	232	0.000178	mg/L	1241.77	-0.001	15.405
	U	238	-0.000174	mg/L	2506.04	0.001	12.961

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 15:16:13
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\RINSE.078
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	229732.55	229732.551	4.876
	Be	9	-0.000077	mg/L	9.00	0.000	464.605
	B	11	0.001475	mg/L	1489.80	0.003	21.486
	Na	23	0.118866	mg/L	576449.09	0.586	15.134
	Mg	24	0.001637	mg/L	7954.09	0.007	83.044
	Al	27	-0.000492	mg/L	3959.57	-0.001	62.736
	Si	28	-0.060902	mg/L	61785.36	0.008	57.114
	K	39	0.005639	mg/L	1615425.32	0.217	24.976
	Ca	44	-0.309541	mg/L	72471.91	-0.056	13.383
>	Sc	45		mg/L	913149.19	913149.194	5.005
	Ti	47	-0.000886	mg/L	1064.07	-0.001	15.676
	V	51	0.005210	mg/L	-6943.63	0.063	3.984
	Cr	52	-0.002114	mg/L	15732.77	-0.016	6.705
	Mn	55	-0.000258	mg/L	3949.02	0.002	118.672
	Fe	57	0.003181	mg/L	17123.32	0.002	42.561
	Ni	58	0.000028	mg/L	9897.49	0.001	100.475
	Co	59	0.000111	mg/L	677.70	0.001	9.421
	Ni	60	0.000026	mg/L	155.00	0.000	54.231
	Ni	62	0.001639	mg/L	809.71	0.001	7.513
	Cu	63	-0.000334	mg/L	1388.79	0.002	10.813
	Cu	65	-0.000102	mg/L	889.39	0.001	22.363
	Zn	66	-0.000207	mg/L	1469.80	0.001	16.281
	Zn	68	-0.000746	mg/L	1273.44	-0.000	62.624
	Ga	69	-0.000281	mg/L	1777.19	-0.005	16.376
>	Ge	72		mg/L	515610.98	515610.976	6.889
	As	75	0.000897	mg/L	216.43	0.002	5.664
	Se	77	-0.077807	mg/L	1154.09	-0.018	2.304
	Se	82	0.000365	mg/L	33.36	0.000	11.922
	Sr	88	-0.000231	mg/L	1050.07	0.000	94.275
>	Y	89		mg/L	2496844.68	2496844.680	7.814
	Mo	95	0.000608	mg/L	2593.07	0.001	5.930
	Mo	98	0.000632	mg/L	3995.95	0.002	5.044
>	Rh	103		mg/L	2052274.57	2052274.573	11.183
	Ag	107	-0.000079	mg/L	98.33	-0.000	19.500
	Ag	109	-0.000205	mg/L	49.33	-0.000	10.381
	Cd	111	-0.000201	mg/L	66.00	0.000	222.723
	Cd	114	-0.000102	mg/L	162.69	0.000	90.014
>	In	115		mg/L	2724485.25	2724485.245	5.733
	Sn	118	-0.000240	mg/L	415.01	-0.000	51.195
	Sn	120	-0.000227	mg/L	538.85	-0.000	30.463
	Sb	121	-0.000677	mg/L	401.68	-0.000	20.685
	Sb	123	-0.000725	mg/L	300.66	-0.000	39.851
	Ba	135	-0.000078	mg/L	121.67	-0.000	74.666

	Ba	137	-0.000106	mg/L	201.30	0.000	459.771
>	Tb	159		mg/L	3314717.87	3314717.874	4.587
>	Ho	165		mg/L	3271779.36	3271779.356	5.278
	Hg	202	-0.000841	mg/L	59.00	-0.000	0.701
	Tl	203	-0.000136	mg/L	1161.09	-0.001	4.496
	Tl	205	-0.000206	mg/L	2819.47	-0.003	4.052
	Pb	208	-0.000331	mg/L	1743.08	0.000	105.385
	Bi	209	-0.000217	mg/L	136.34	-0.000	4.067
	Th	232	0.000142	mg/L	328.68	-0.001	1.458
	U	238	-0.000263	mg/L	106.67	-0.000	24.901

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV6
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 15:27:11
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV6.079
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	251139.72	251139.719	5.018
	Be	9	0.040419	mg/L	11321.49	0.045	2.673
	B	11	0.041089	mg/L	14814.58	0.056	12.320
	Na	23	0.439613	mg/L	1844246.14	1.988	2.263
	Mg	24	0.408923	mg/L	1149710.61	1.269	5.080
	Al	27	0.210193	mg/L	920606.37	1.014	11.943
	Si	28	-0.020889	mg/L	150129.96	0.106	16.400
	K	39	0.485894	mg/L	4681776.84	3.621	6.073
	Ca	44	0.222189	mg/L	172318.22	0.054	8.263
>	Sc	45		mg/L	905695.61	905695.609	3.439
	Ti	47	0.041443	mg/L	26342.71	0.027	3.638
	V	51	0.045295	mg/L	344552.31	0.452	15.700
	Cr	52	0.041406	mg/L	354239.37	0.359	10.499
	Mn	55	0.044570	mg/L	534110.03	0.587	4.441
	Fe	57	0.180768	mg/L	72292.56	0.063	2.393
	Ni	58	0.042244	mg/L	247416.77	0.466	3.629
	Co	59	0.040498	mg/L	442336.98	0.865	4.877
	Ni	60	0.041343	mg/L	96668.88	0.189	7.769
	Ni	62	0.042739	mg/L	14890.00	0.029	2.698
	Cu	63	0.042007	mg/L	213694.29	0.417	2.504
	Cu	65	0.041749	mg/L	103434.58	0.202	5.927
	Zn	66	0.038705	mg/L	57703.49	0.111	2.888
	Zn	68	0.039031	mg/L	41394.57	0.078	4.496
	Ga	69	0.041341	mg/L	390208.46	0.755	6.693
>	Ge	72		mg/L	511331.93	511331.930	1.738
	As	75	0.043419	mg/L	64269.41	0.127	6.063
	Se	77	-0.001710	mg/L	10751.13	0.001	135.972
	Se	82	0.037889	mg/L	6489.41	0.003	2.191
	Sr	88	0.039630	mg/L	868030.69	0.344	6.594
>	Y	89		mg/L	2517891.12	2517891.122	0.907
	Mo	95	0.039411	mg/L	129109.62	0.051	4.904
	Mo	98	0.039634	mg/L	207207.69	0.082	4.852
>	Rh	103		mg/L	2128120.94	2128120.939	8.442
	Ag	107	0.021529	mg/L	188731.78	0.089	3.185
	Ag	109	0.021916	mg/L	182149.71	0.086	6.941
	Cd	111	0.040809	mg/L	90112.22	0.043	14.640
	Cd	114	0.039726	mg/L	208103.95	0.099	17.152
>	In	115		mg/L	2630771.95	2630771.949	0.974
	Sn	118	0.038972	mg/L	268285.02	0.102	5.744
	Sn	120	0.039983	mg/L	374925.10	0.142	8.628
	Sb	121	0.044852	mg/L	324979.92	0.123	4.878
	Sb	123	0.044387	mg/L	246029.03	0.093	2.933
	Ba	135	0.038816	mg/L	81028.35	0.025	3.207

	Ba	137	0.039657	mg/L	144190.38	0.045	7.838
>	Tb	159		mg/L	3232450.56	3232450.559	4.560
>	Ho	165		mg/L	3161069.71	3161069.714	3.427
	Hg	202	0.010178	mg/L	122.00	-0.000	30.937
	Tl	203	0.039131	mg/L	343367.24	0.107	5.164
	Tl	205	0.038834	mg/L	809746.80	0.253	8.173
	Pb	208	0.039629	mg/L	1101518.61	0.348	1.660
	Bi	209	0.040068	mg/L	932318.03	0.295	2.075
	Th	232	0.040412	mg/L	1160847.99	0.367	7.801
	U	238	0.038724	mg/L	1144556.19	0.363	9.992

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB6
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 15:32:16
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB6.080
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	241625.86	241625.864	5.337
	Be	9	-0.000072	mg/L	10.67	0.000	230.450
	B	11	0.000608	mg/L	1291.10	0.002	14.947
	Na	23	0.028238	mg/L	214924.10	0.190	8.068
	Mg	24	-0.000237	mg/L	2757.78	0.001	26.878
	Al	27	-0.000223	mg/L	5091.18	0.001	209.838
	Si	28	-0.065629	mg/L	50732.99	-0.004	155.418
	K	39	0.000532	mg/L	1569523.37	0.181	35.776
	Ca	44	-0.261796	mg/L	80966.19	-0.046	11.996
>	Sc	45		mg/L	905812.77	905812.770	4.561
	Ti	47	-0.000556	mg/L	1254.10	-0.000	18.644
	V	51	0.002608	mg/L	-30195.43	0.037	31.966
	Cr	52	-0.000901	mg/L	25024.70	-0.005	46.499
	Mn	55	-0.000436	mg/L	1868.88	-0.000	5.150
	Fe	57	0.002049	mg/L	16653.80	0.002	32.156
	Ni	58	0.000320	mg/L	11464.67	0.004	5.881
	Co	59	0.000063	mg/L	157.67	-0.000	6.580
	Ni	60	0.000122	mg/L	375.68	0.000	16.590
	Ni	62	0.000656	mg/L	467.68	0.000	15.789
	Cu	63	-0.000422	mg/L	937.06	0.001	8.088
	Cu	65	-0.000208	mg/L	627.69	0.001	10.199
	Zn	66	-0.000538	mg/L	983.40	0.000	18.401
	Zn	68	-0.000739	mg/L	1272.77	-0.000	26.732
	Ga	69	-0.000156	mg/L	2946.17	-0.003	5.950
>	Ge	72		mg/L	510778.02	510778.023	1.362
	As	75	0.000128	mg/L	-940.82	-0.000	578.970
	Se	77	-0.034911	mg/L	6558.76	-0.008	3.592
	Se	82	0.000372	mg/L	35.51	0.000	38.158
	Sr	88	-0.000244	mg/L	790.04	0.000	174.945
>	Y	89		mg/L	2519680.30	2519680.297	3.621
	Mo	95	0.000618	mg/L	2638.41	0.001	15.000
	Mo	98	0.000662	mg/L	4175.70	0.002	10.361
>	Rh	103		mg/L	2133014.48	2133014.477	6.019
	Ag	107	-0.000037	mg/L	474.68	0.000	50.683
	Ag	109	-0.000160	mg/L	434.35	0.000	54.570
	Cd	111	-0.000205	mg/L	58.67	-0.000	193.812
	Cd	114	-0.000106	mg/L	146.84	0.000	250.526
>	In	115		mg/L	2636570.87	2636570.873	1.377
	Sn	118	-0.000135	mg/L	1119.08	0.000	13.884
	Sn	120	-0.000115	mg/L	1569.62	0.000	7.284
	Sb	121	0.001291	mg/L	14467.07	0.005	10.548
	Sb	123	0.001230	mg/L	10975.52	0.004	13.553
	Ba	135	-0.000071	mg/L	133.67	-0.000	82.161

	Ba	137	-0.000104	mg/L	202.08	0.000	21.927
>	Tb	159		mg/L	3223271.64	3223271.637	2.871
>	Ho	165		mg/L	3205432.63	3205432.628	2.978
	Hg	202	0.008430	mg/L	113.34	-0.000	11.828
	Tl	203	-0.000162	mg/L	904.05	-0.001	2.474
	Tl	205	-0.000236	mg/L	2131.61	-0.003	1.347
	Pb	208	-0.000366	mg/L	742.35	-0.000	0.908
	Bi	209	-0.000146	mg/L	1806.54	0.000	28.400
	Th	232	0.000650	mg/L	15200.03	0.004	17.731
	U	238	-0.000257	mg/L	285.01	0.000	13.062

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-48~~ 11C1255-48
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 15:37:21
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-48.081
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 71

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	244593.19	244593.192	2.217
	Be	9	0.000918	mg/L	280.67	0.001	4.593
	B	11	0.008958	mg/L	4022.27	0.013	12.000
	Na	23	S	mg/L	S	S	S
	Mg	24	67.781844	mg/L	188487936.97	210.034	4.697
	Al	27	0.043919	mg/L	196001.88	0.213	5.994
	Si	28	17.665817	mg/L	39155115.41	43.585	6.247
	K	39	1.501456	mg/L	11106879.73	10.818	3.893
	Ca	44	49.560946	mg/L	9402291.97	10.330	5.400
>	Sc	45		mg/L	898391.61	898391.608	3.678
	Ti	47	0.002773	mg/L	3221.61	0.002	19.466
	V	51	0.001765	mg/L	-37193.30	0.029	70.225
	Cr	52	-0.001034	mg/L	23833.78	-0.006	17.853
	Mn	55	2.128214	mg/L	24948345.89	27.769	2.979
	Fe	57	76.188272	mg/L	23528935.25	26.183	1.884
	Ni	58	0.817751	mg/L	4619282.61	9.004	6.535
	Co	59	0.187440	mg/L	2050496.80	4.008	10.918
	Ni	60	0.223504	mg/L	522849.53	1.021	5.341
	Ni	62	0.257947	mg/L	88892.54	0.173	1.635
	Cu	63	0.001095	mg/L	8578.49	0.016	7.662
	Cu	65	0.001525	mg/L	4889.37	0.009	2.203
	Zn	66	0.154716	mg/L	225749.72	0.439	5.939
	Zn	68	0.150623	mg/L	154176.74	0.298	6.423
	Ga	69	0.000221	mg/L	6472.37	0.004	12.360
>	Ge	72		mg/L	512549.65	512549.649	2.584
	As	75	0.003741	mg/L	4514.32	0.011	5.248
	Se	77	-0.036318	mg/L	6405.66	-0.008	2.566
	Se	82	0.004256	mg/L	720.56	0.000	5.922
	Sr	88	0.203758	mg/L	4537213.78	1.762	3.453
>	Y	89		mg/L	2577119.47	2577119.472	3.364
	Mo	95	0.000222	mg/L	1380.12	0.000	5.509
	Mo	98	0.000235	mg/L	1993.61	0.001	3.293
>	Rh	103		mg/L	1759248.99	1759248.991	5.480
	Ag	107	-0.000047	mg/L	309.01	0.000	18.855
	Ag	109	-0.000189	mg/L	153.67	0.000	62.501
	Cd	111	0.000307	mg/L	983.06	0.001	12.101
	Cd	114	0.000406	mg/L	2351.12	0.001	7.687
>	In	115		mg/L	2434022.81	2434022.811	2.472
	Sn	118	-0.000205	mg/L	595.03	0.000	43.609
	Sn	120	-0.000188	mg/L	818.82	0.000	28.798
	Sb	121	0.000068	mg/L	5278.59	0.002	4.402
	Sb	123	0.000034	mg/L	4093.12	0.002	7.219
	Ba	135	0.016105	mg/L	31803.86	0.010	5.230

	Ba	137	0.015654	mg/L	53913.14	0.018	9.651
>	Tb	159		mg/L	3045401.44	3045401.436	5.267
>	Ho	165		mg/L	3086203.69	3086203.693	4.177
	Hg	202	-0.001721	mg/L	50.67	-0.000	7.332
	Tl	203	-0.000140	mg/L	1049.74	-0.001	3.418
	Tl	205	-0.000211	mg/L	2538.71	-0.003	3.783
	Pb	208	-0.000310	mg/L	2209.79	0.000	2.921
	Bi	209	-0.000196	mg/L	603.03	0.000	78.877
	Th	232	0.000586	mg/L	12781.79	0.003	35.188
	U	238	-0.000151	mg/L	3309.64	0.001	7.135

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-49~~ 11C1255-49
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 15:42:27
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-49.082
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 72

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	221967.39	221967.387	5.896
	Be	9	-0.000071	mg/L	10.33	0.000	190.482
	B	11	0.082235	mg/L	25188.29	0.110	13.482
	Na	23	S	mg/L	S	S	S
	Mg	24	40.433861	mg/L	105685096.82	125.292	3.692
	Al	27	0.001201	mg/L	10533.21	0.007	13.525
	Si	28	16.496696	mg/L	34301031.28	40.711	10.525
	K	39	6.195759	mg/L	38448932.12	44.086	6.071
	Ca	44	29.198134	mg/L	5251858.54	6.089	2.892
>	Sc	45		mg/L	844414.74	844414.735	6.029
	Ti	47	0.002241	mg/L	2728.44	0.001	7.610
	V	51	0.001656	mg/L	-35551.08	0.028	24.527
	Cr	52	-0.001147	mg/L	21544.09	-0.007	29.762
	Mn	55	4.333677	mg/L	47805507.32	56.540	3.704
	Fe	57	151.631040	mg/L	44092809.64	52.109	5.437
	Ni	58	1.177923	mg/L	6345119.71	12.970	2.508
	Co	59	0.000135	mg/L	903.05	0.001	7.604
	Ni	60	0.000983	mg/L	2280.98	0.004	10.676
	Ni	62	0.030406	mg/L	10172.46	0.020	6.387
	Cu	63	0.004209	mg/L	23047.17	0.046	8.870
	Cu	65	0.000670	mg/L	2657.42	0.005	5.878
	Zn	66	0.001677	mg/L	3998.92	0.006	0.893
	Zn	68	0.002356	mg/L	4199.01	0.006	9.106
	Ga	69	0.001374	mg/L	16446.71	0.025	4.993
>	Ge	72		mg/L	488329.45	488329.448	3.173
	As	75	0.004472	mg/L	5348.63	0.013	3.331
	Se	77	-0.026984	mg/L	7219.94	-0.006	13.058
	Se	82	0.009178	mg/L	1307.85	0.001	1.620
	Sr	88	0.223710	mg/L	4111029.84	1.934	5.901
>	Y	89		mg/L	2124115.03	2124115.031	1.690
	Mo	95	0.000375	mg/L	1557.82	0.001	8.098
	Mo	98	0.000337	mg/L	2092.37	0.001	7.405
>	Rh	103		mg/L	1661606.61	1661606.608	5.629
	Ag	107	-0.000038	mg/L	358.34	0.000	8.085
	Ag	109	-0.000185	mg/L	170.67	0.000	31.828
	Cd	111	-0.000201	mg/L	53.00	0.000	365.231
	Cd	114	-0.000108	mg/L	106.35	-0.000	267.448
>	In	115		mg/L	2249609.51	2249609.511	5.217
	Sn	118	-0.000215	mg/L	488.68	0.000	91.312
	Sn	120	-0.000211	mg/L	571.81	0.000	344.323
	Sb	121	-0.000293	mg/L	2666.09	0.001	14.362
	Sb	123	-0.000315	mg/L	2148.84	0.001	8.995
	Ba	135	0.070260	mg/L	129379.11	0.045	3.365

	Ba	137	0.068413	mg/L	219484.04	0.077	4.751
>	Tb	159		mg/L	2851288.46	2851288.464	3.694
>	Ho	165		mg/L	2901846.84	2901846.836	7.244
	Hg	202	-0.003125	mg/L	39.67	-0.000	5.529
	Tl	203	-0.000218	mg/L	363.01	-0.001	1.551
	Tl	205	-0.000294	mg/L	813.71	-0.003	1.115
	Pb	208	-0.000362	mg/L	759.69	-0.000	6.240
	Bi	209	-0.000202	mg/L	444.68	-0.000	336.780
	Th	232	0.000237	mg/L	2770.45	-0.000	224.240
	U	238	-0.000263	mg/L	81.00	-0.000	33.708

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: ~~11D1255-19~~ 11C1255-19
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 15:47:34
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11D1255-19.083
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 73

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	245139.17	245139.172	3.720
	Be	9	-0.000072	mg/L	11.00	0.000	100.524
	B	11	1.189370	mg/L	388347.92	1.584	11.247
	Na	23	S	mg/L	S	S	S
	Mg	24	0.663604	mg/L	1791048.39	2.058	3.127
	Al	27	0.246361	mg/L	1036409.55	1.188	8.163
	Si	28	5.880060	mg/L	12738028.63	14.612	10.319
	K	39	S	mg/L	S	S	S
	Ca	44	11.653877	mg/L	2237180.25	2.435	3.622
>	Sc	45		mg/L	870214.96	870214.960	4.414
	Ti	47	0.001754	mg/L	2533.71	0.001	8.148
	V	51	0.005552	mg/L	-3797.01	0.066	56.888
	Cr	52	0.000881	mg/L	37360.16	0.010	41.812
	Mn	55	0.000802	mg/L	15847.70	0.016	8.945
	Fe	57	0.060034	mg/L	33398.55	0.022	15.240
	Ni	58	0.002794	mg/L	23805.73	0.031	6.272
	Co	59	0.000268	mg/L	2248.63	0.004	2.817
	Ni	60	0.002578	mg/L	5729.20	0.012	6.732
	Ni	62	0.011846	mg/L	4032.61	0.008	10.533
	Cu	63	0.001973	mg/L	12130.23	0.024	6.447
	Cu	65	0.001500	mg/L	4511.83	0.009	4.828
	Zn	66	0.006130	mg/L	9955.55	0.019	2.923
	Zn	68	0.006467	mg/L	8007.61	0.014	5.011
	Ga	69	0.001446	mg/L	16770.97	0.027	4.353
>	Ge	72		mg/L	479144.53	479144.526	0.504
	As	75	0.002034	mg/L	1808.39	0.006	40.822
	Se	77	0.047299	mg/L	15870.70	0.013	17.225
	Se	82	0.001972	mg/L	278.30	0.000	16.030
	Sr	88	0.126014	mg/L	2470507.78	1.090	3.314
>	Y	89		mg/L	2263856.26	2263856.263	3.010
	Mo	95	0.421799	mg/L	1235320.35	0.546	7.832
	Mo	98	0.431985	mg/L	2020089.20	0.894	11.406
>	Rh	103		mg/L	1738657.35	1738657.350	3.951
	Ag	107	-0.000057	mg/L	239.67	0.000	19.410
	Ag	109	-0.000181	mg/L	207.67	0.000	1.925
	Cd	111	0.001045	mg/L	2305.32	0.001	8.018
	Cd	114	0.000768	mg/L	3882.30	0.002	9.284
>	In	115		mg/L	2361207.45	2361207.448	1.787
	Sn	118	0.000659	mg/L	5870.63	0.002	8.598
	Sn	120	0.000645	mg/L	7757.81	0.003	8.220
	Sb	121	0.000217	mg/L	6067.75	0.002	4.694
	Sb	123	0.000199	mg/L	4774.16	0.002	2.732
	Ba	135	0.027765	mg/L	52910.23	0.018	3.542

	Ba	137	0.026924	mg/L	89449.47	0.030	7.068
>	Tb	159		mg/L	2944167.89	2944167.887	2.735
>	Ho	165		mg/L	2956285.49	2956285.493	4.955
	Hg	202	0.806827	mg/L	4511.50	0.001	1.511
	Tl	203	-0.000209	mg/L	449.02	-0.001	1.830
	Tl	205	-0.000289	mg/L	941.39	-0.003	1.581
	Pb	208	0.003538	mg/L	101057.34	0.034	4.643
	Bi	209	-0.000188	mg/L	740.70	0.000	30.782
	Th	232	0.000318	mg/L	5014.12	0.001	49.984
	U	238	-0.000263	mg/L	96.67	-0.000	59.796

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 15:52:40
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\RINSE.084
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	226844.33	226844.330	2.798
	Be	9	-0.000078	mg/L	8.67	0.000	1321.463
	B	11	0.016225	mg/L	5945.09	0.023	28.397
	Na	23	0.036196	mg/L	211084.01	0.225	12.630
	Mg	24	0.000587	mg/L	4357.39	0.004	102.347
	Al	27	-0.000442	mg/L	3556.40	-0.000	96.267
	Si	28	-0.057537	mg/L	58832.75	0.016	87.529
	K	39	0.016319	mg/L	1430593.28	0.293	11.944
	Ca	44	-0.212239	mg/L	77391.75	-0.036	14.238
>	Sc	45		mg/L	775025.67	775025.668	2.619
	Ti	47	-0.000681	mg/L	1011.40	-0.001	35.058
	V	51	0.004376	mg/L	-12228.10	0.055	2.863
	Cr	52	-0.001683	mg/L	16245.03	-0.012	11.721
	Mn	55	-0.000296	mg/L	3020.26	0.001	118.327
	Fe	57	0.003803	mg/L	14709.39	0.002	25.211
	Ni	58	0.000244	mg/L	9750.66	0.003	30.024
	Co	59	0.000106	mg/L	552.36	0.001	19.455
	Ni	60	0.000027	mg/L	138.00	0.000	87.206
	Ni	62	0.000543	mg/L	379.01	0.000	9.029
	Cu	63	-0.000451	mg/L	700.37	0.001	18.410
	Cu	65	-0.000179	mg/L	618.69	0.001	12.733
	Zn	66	-0.000284	mg/L	1193.09	0.001	13.448
	Zn	68	-0.000685	mg/L	1173.42	-0.000	162.753
	Ga	69	-0.000206	mg/L	2197.29	-0.003	15.980
>	Ge	72		mg/L	451838.86	451838.859	4.435
	As	75	0.000931	mg/L	236.63	0.002	6.986
	Se	77	-0.073526	mg/L	1501.14	-0.017	2.522
	Se	82	0.000010	mg/L	-22.67	-0.000	142.936
	Sr	88	-0.000236	mg/L	812.05	0.000	50.855
>	Y	89		mg/L	2115027.21	2115027.215	5.891
	Mo	95	0.002454	mg/L	7309.16	0.003	22.881
	Mo	98	0.002498	mg/L	11633.35	0.005	20.979
>	Rh	103		mg/L	1744744.44	1744744.440	4.731
	Ag	107	-0.000078	mg/L	88.00	-0.000	10.582
	Ag	109	-0.000204	mg/L	48.33	-0.000	8.443
	Cd	111	-0.000197	mg/L	63.33	0.000	135.054
	Cd	114	-0.000097	mg/L	162.04	0.000	53.339
>	In	115		mg/L	2259029.26	2259029.264	3.181
	Sn	118	-0.000234	mg/L	378.01	-0.000	92.895
	Sn	120	-0.000219	mg/L	514.16	-0.000	124.878
	Sb	121	-0.000603	mg/L	782.38	0.000	40.479
	Sb	123	-0.000656	mg/L	567.14	0.000	54.960
	Ba	135	-0.000074	mg/L	109.67	-0.000	84.762

	Ba	137	-0.000102	mg/L	177.43	0.000	119.887
>	Tb	159		mg/L	2749479.19	2749479.190	3.980
>	Ho	165		mg/L	2782840.25	2782840.250	6.297
	Hg	202	0.009111	mg/L	101.67	-0.000	15.213
	Tl	203	-0.000161	mg/L	786.71	-0.001	5.166
	Tl	205	-0.000229	mg/L	1967.57	-0.003	4.107
	Pb	208	-0.000352	mg/L	979.70	-0.000	66.989
	Bi	209	-0.000216	mg/L	134.67	-0.000	3.665
	Th	232	0.000151	mg/L	500.35	-0.001	2.801
	U	238	-0.000263	mg/L	88.33	-0.000	32.128

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV7
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 16:00:00
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV7.085
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	254213.02	254213.019	0.911
	Be	9	0.034212	mg/L	9715.63	0.038	4.835
	B	11	0.037192	mg/L	13736.18	0.050	2.126
	Na	23	0.385833	mg/L	1611112.59	1.753	1.170
	Mg	24	0.353264	mg/L	983365.85	1.096	2.308
	Al	27	0.186518	mg/L	809929.24	0.900	1.900
	Si	28	-0.030024	mg/L	128368.74	0.084	12.940
	K	39	0.404875	mg/L	4105638.20	3.046	15.325
	Ca	44	0.140937	mg/L	154934.10	0.037	29.672
>	Sc	45		mg/L	894873.23	894873.235	3.942
	Ti	47	0.035787	mg/L	22719.66	0.023	2.970
	V	51	0.036797	mg/L	268931.16	0.370	11.486
	Cr	52	0.035139	mg/L	301958.94	0.305	7.333
	Mn	55	0.038405	mg/L	453884.55	0.506	11.769
	Fe	57	0.158912	mg/L	64653.27	0.056	3.843
	Ni	58	0.039310	mg/L	220040.91	0.433	14.625
	Co	59	0.036316	mg/L	378359.49	0.775	10.958
	Ni	60	0.036181	mg/L	80949.86	0.165	3.728
	Ni	62	0.037243	mg/L	12476.06	0.025	4.083
	Cu	63	0.037690	mg/L	183997.03	0.375	2.482
	Cu	65	0.038060	mg/L	90182.18	0.184	8.162
	Zn	66	0.036592	mg/L	52169.78	0.105	10.776
	Zn	68	0.036158	mg/L	36742.55	0.072	10.183
	Ga	69	0.036742	mg/L	332352.59	0.671	3.822
>	Ge	72		mg/L	490022.11	490022.112	6.365
	As	75	0.038317	mg/L	54198.93	0.112	2.000
	Se	77	0.007626	mg/L	11407.60	0.003	49.614
	Se	82	0.035935	mg/L	5665.99	0.002	13.152
	Sr	88	0.034603	mg/L	701577.02	0.301	3.471
>	Y	89		mg/L	2331396.75	2331396.749	6.541
	Mo	95	0.036126	mg/L	109598.81	0.047	2.434
	Mo	98	0.036471	mg/L	176058.14	0.076	8.296
>	Rh	103		mg/L	1972203.20	1972203.202	5.445
	Ag	107	0.019405	mg/L	157597.71	0.080	6.900
	Ag	109	0.019282	mg/L	148734.88	0.076	11.067
	Cd	111	0.035472	mg/L	72973.93	0.037	10.595
	Cd	114	0.036199	mg/L	177120.92	0.090	6.011
>	In	115		mg/L	2523913.48	2523913.482	6.612
	Sn	118	0.033849	mg/L	223774.65	0.089	2.558
	Sn	120	0.034044	mg/L	305718.19	0.121	7.897
	Sb	121	0.036224	mg/L	251354.04	0.100	13.469
	Sb	123	0.035750	mg/L	189959.55	0.075	11.502
	Ba	135	0.034642	mg/L	67437.79	0.022	8.948

	Ba	137	0.033740	mg/L	114546.75	0.038	10.150
>	Tb	159		mg/L	3019983.82	3019983.825	5.417
>	Ho	165		mg/L	3079002.03	3079002.028	0.381
	Hg	202	0.016015	mg/L	152.34	-0.000	909.409
	Tl	203	0.033964	mg/L	290878.82	0.093	4.672
	Tl	205	0.034192	mg/L	696488.39	0.223	0.639
	Pb	208	0.035039	mg/L	950243.22	0.308	4.172
	Bi	209	0.035698	mg/L	809884.91	0.263	5.458
	Th	232	0.034713	mg/L	972321.92	0.315	4.317
	U	238	0.034234	mg/L	988699.51	0.321	0.075

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB7
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 16:05:04
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB7.086
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	223242.72	223242.716	6.613
	Be	9	-0.000038	mg/L	18.67	0.000	35.337
	B	11	0.001841	mg/L	1559.82	0.003	24.780
	Na	23	0.007591	mg/L	110602.93	0.099	6.929
	Mg	24	-0.000287	mg/L	2174.28	0.001	12.801
	Al	27	-0.000147	mg/L	4506.16	0.001	36.680
	Si	28	-0.066183	mg/L	41185.64	-0.005	54.351
	K	39	0.018316	mg/L	1394823.40	0.307	37.973
	Ca	44	-0.204798	mg/L	76088.65	-0.035	11.662
>	Sc	45		mg/L	751065.63	751065.633	4.921
	Ti	47	-0.000674	mg/L	984.40	-0.001	8.195
	V	51	0.001014	mg/L	-36169.75	0.022	80.821
	Cr	52	-0.000554	mg/L	22986.31	-0.002	124.277
	Mn	55	-0.000400	mg/L	1894.88	-0.000	270.671
	Fe	57	-0.000622	mg/L	13110.60	0.001	13.529
	Ni	58	0.000193	mg/L	9240.46	0.003	87.091
	Co	59	0.000087	mg/L	357.68	0.000	21.734
	Ni	60	0.000094	mg/L	269.34	0.000	4.530
	Ni	62	0.000276	mg/L	290.01	0.000	31.927
	Cu	63	-0.000449	mg/L	688.70	0.001	19.892
	Cu	65	-0.000245	mg/L	464.02	0.000	13.140
	Zn	66	-0.000586	mg/L	784.71	0.000	260.570
	Zn	68	-0.000817	mg/L	1030.07	-0.000	23.745
	Ga	69	-0.000137	mg/L	2686.42	-0.002	15.624
>	Ge	72		mg/L	441268.17	441268.171	6.919
	As	75	0.000531	mg/L	-257.14	0.001	154.605
	Se	77	-0.023463	mg/L	6882.34	-0.005	32.340
	Se	82	0.000336	mg/L	23.63	0.000	35.081
	Sr	88	-0.000222	mg/L	1004.07	0.000	6.624
>	Y	89		mg/L	1994438.27	1994438.269	8.814
	Mo	95	0.000587	mg/L	1995.57	0.001	17.689
	Mo	98	0.000615	mg/L	3080.32	0.002	20.838
>	Rh	103		mg/L	1688527.69	1688527.692	2.921
	Ag	107	-0.000036	mg/L	380.68	0.000	51.774
	Ag	109	-0.000159	mg/L	343.34	0.000	44.708
	Cd	111	-0.000174	mg/L	101.33	0.000	25.067
	Cd	114	-0.000081	mg/L	224.78	0.000	17.660
>	In	115		mg/L	2046165.72	2046165.723	8.844
	Sn	118	-0.000145	mg/L	815.71	0.000	2.052
	Sn	120	-0.000126	mg/L	1135.91	0.000	11.859
	Sb	121	0.001210	mg/L	10733.19	0.005	16.374
	Sb	123	0.001139	mg/L	8116.08	0.004	14.854
	Ba	135	-0.000062	mg/L	128.34	0.000	69.470

	Ba	137	-0.000091	mg/L	208.46	0.000	33.495
>	Tb	159		mg/L	2712636.92	2712636.923	3.587
>	Ho	165		mg/L	2624362.45	2624362.447	3.746
	Hg	202	0.012628	mg/L	113.00	-0.000	67.544
	Tl	203	-0.000170	mg/L	682.37	-0.001	0.634
	Tl	205	-0.000240	mg/L	1678.17	-0.003	0.507
	Pb	208	-0.000343	mg/L	1134.71	0.000	527.958
	Bi	209	-0.000135	mg/L	1685.84	0.000	21.489
	Th	232	0.000645	mg/L	12352.00	0.004	17.570
	U	238	-0.000236	mg/L	743.70	0.000	3.820

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV7
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 16:14:36
Sample File: C:\Elandata\Sample\110407A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV7.087
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	254690.77	254690.767	5.059
	Be	9	0.039972	mg/L	11370.58	0.045	3.098
	B	11	0.041470	mg/L	15176.50	0.056	8.930
	Na	23	0.413880	mg/L	1725128.52	1.876	7.962
	Mg	24	0.386862	mg/L	1076976.58	1.201	4.755
	Al	27	0.196996	mg/L	854383.20	0.951	3.111
	Si	28	-0.025522	mg/L	137962.08	0.095	13.343
	K	39	0.469591	mg/L	4503383.50	3.505	13.241
	Ca	44	0.220448	mg/L	169124.70	0.054	30.093
>	Sc	45		mg/L	893755.86	893755.858	7.015
	Ti	47	0.039978	mg/L	25182.66	0.026	4.374
	V	51	0.041490	mg/L	309300.54	0.415	9.027
	Cr	52	0.041517	mg/L	350302.80	0.360	7.124
	Mn	55	0.045601	mg/L	537080.51	0.600	7.546
	Fe	57	0.180276	mg/L	71081.94	0.063	2.999
	Ni	58	0.040285	mg/L	233667.70	0.444	15.651
	Co	59	0.038825	mg/L	419826.49	0.829	9.441
	Ni	60	0.041069	mg/L	95230.09	0.188	3.670
	Ni	62	0.042890	mg/L	14825.59	0.029	2.375
	Cu	63	0.042975	mg/L	216730.45	0.427	4.101
	Cu	65	0.040917	mg/L	100401.93	0.198	8.963
	Zn	66	0.038782	mg/L	57195.10	0.111	13.108
	Zn	68	0.039052	mg/L	40983.72	0.078	11.735
	Ga	69	0.040741	mg/L	381125.73	0.744	5.686
>	Ge	72		mg/L	507050.10	507050.096	4.155
	As	75	0.042572	mg/L	62482.96	0.125	2.248
	Se	77	0.008795	mg/L	11961.66	0.003	50.214
	Se	82	0.037339	mg/L	6188.08	0.003	13.744
	Sr	88	0.039041	mg/L	829049.12	0.339	3.311
>	Y	89		mg/L	2441586.83	2441586.829	4.164
	Mo	95	0.040259	mg/L	127914.45	0.052	1.622
	Mo	98	0.039776	mg/L	201481.13	0.083	8.739
>	Rh	103		mg/L	1989629.04	1989629.036	8.377
	Ag	107	0.022218	mg/L	181756.05	0.092	6.815
	Ag	109	0.022306	mg/L	173027.74	0.087	10.991
	Cd	111	0.042281	mg/L	87509.66	0.044	10.585
	Cd	114	0.041880	mg/L	206347.67	0.104	6.249
>	In	115		mg/L	2493530.64	2493530.641	7.339
	Sn	118	0.038185	mg/L	249395.01	0.100	1.695
	Sn	120	0.040013	mg/L	354997.92	0.142	4.701
	Sb	121	0.043700	mg/L	299325.14	0.120	8.596
	Sb	123	0.043777	mg/L	229443.54	0.092	7.539
	Ba	135	0.037504	mg/L	74894.29	0.024	10.300

	Ba	137	0.037342	mg/L	130171.90	0.042	8.774
>	Tb	159		mg/L	3092614.91	3092614.905	3.524
>	Ho	165		mg/L	3047584.82	3047584.816	4.741
	Hg	202	0.018295	mg/L	163.67	0.000	87.938
	Tl	203	0.038516	mg/L	326547.47	0.106	3.313
	Tl	205	0.039185	mg/L	788396.06	0.255	4.987
	Pb	208	0.041077	mg/L	1099065.79	0.361	7.095
	Bi	209	0.039615	mg/L	889598.33	0.292	1.568
	Th	232	0.038705	mg/L	1074673.81	0.351	4.290
	U	238	0.039439	mg/L	1125759.52	0.370	3.985

Method File Name

File Name _dept40_wholelist_is_5std.mth
Path C:\Elandata\Method_dept40_wholelist_is_5std.mth

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001113	0.000	0.999996
B	11.009	Simple Linear	0.001331	0.001	0.999978
Na	22.990	Simple Linear	0.004372	0.066	0.999999
Mg	23.985	Simple Linear	0.003099	0.002	0.999954
Al	26.982	Simple Linear	0.004817	0.002	0.999964
Si	27.977	Simple Linear	0.002458	0.158	0.999360
K	38.964	Simple Linear	0.007087	0.177	0.999978
Ca	43.956	Simple Linear	0.000208	0.008	0.999909
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000660	-0.000	0.999996
V	50.944	Simple Linear	0.009722	0.012	0.999936
Cr	51.941	Simple Linear	0.008610	0.002	0.999919
Mn	54.938	Simple Linear	0.013046	0.005	0.999974
Fe	56.935	Simple Linear	0.000344	0.001	0.999685
Ni	57.935	Simple Linear	0.011010	0.001	0.999997
Co	58.933	Simple Linear	0.021389	-0.002	0.999997
Ni	59.933	Simple Linear	0.004568	-0.000	0.999997
Ni	61.928	Simple Linear	0.000670	0.000	1.000000
Cu	62.930	Simple Linear	0.009808	0.005	0.999981
Cu	64.928	Simple Linear	0.004793	0.002	0.999976
Zn	65.926	Simple Linear	0.002827	0.002	0.999946
Zn	67.925	Simple Linear	0.001973	0.001	0.999917
Ga	68.926	Simple Linear	0.018254	0.000	0.999992
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.002946	-0.000	0.999996
Se	76.920	Simple Linear	0.000247	0.001	0.995050
Se	81.917	Simple Linear	0.000068	-0.000	0.999998
Sr	87.906	Simple Linear	0.008635	0.002	0.999978
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001295	0.000	0.999995
Mo	97.906	Simple Linear	0.002070	0.000	0.999999
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.004109	0.000	0.999999
Ag	108.905	Simple Linear	0.003883	0.001	0.999992
Cd	110.904	Simple Linear	0.001040	0.000	0.999989
Cd	113.904	Simple Linear	0.002477	0.000	0.999991
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002598	0.001	0.999987
Sn	119.902	Simple Linear	0.003541	0.001	0.999979
Sb	120.904	Simple Linear	0.002711	0.002	0.999903
Sb	122.904	Simple Linear	0.002071	0.001	0.999900
Ba	134.906	Simple Linear	0.000644	0.000	0.999998
Ba	136.905	Simple Linear	0.001123	0.000	0.999993
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000002	-0.000	0.985821

Tl	202.972	Simple Linear	0.002760	-0.001	0.999991
Tl	204.975	Simple Linear	0.006551	-0.001	0.999983
Pb	207.977	Simple Linear	0.008710	0.003	0.999976
Bi	208.980	Simple Linear	0.007324	0.001	0.999987
Th	232.038	Simple Linear	0.009133	-0.002	0.999972
U	238.050	Simple Linear	0.009308	0.002	0.999946

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 16:31:38
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Blank.088
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	231889.36		
	Be	9		mg/L	18.33		
	B	11		mg/L	824.38		
	Na	23		mg/L	117525.25		
	Mg	24		mg/L	2248.63		
	Al	27		mg/L	4792.31		
	Si	28		mg/L	38355.74		
	K	39		mg/L	1499435.87		
	Ca	44		mg/L	72135.16		
>	Sc	45		mg/L	829580.98		
	Ti	47		mg/L	994.73		
	V	51		mg/L	-31707.68		
	Cr	52		mg/L	23216.94		
	Mn	55		mg/L	1887.88		
	Fe	57		mg/L	15622.31		
	Ni	58		mg/L	10717.78		
	Co	59		mg/L	385.68		
	Ni	60		mg/L	218.67		
	Ni	62		mg/L	291.67		
	Cu	63		mg/L	662.03		
	Cu	65		mg/L	430.01		
	Zn	66		mg/L	802.38		
	Zn	68		mg/L	907.05		
	Ga	69		mg/L	1906.22		
>	Ge	72		mg/L	453727.71		
	As	75		mg/L	-1215.51		
	Se	77		mg/L	7206.59		
	Se	82		mg/L	26.02		
	Sr	88		mg/L	1016.73		
>	Y	89		mg/L	2066343.09		
	Mo	95		mg/L	609.03		
	Mo	98		mg/L	943.19		
>	Rh	103		mg/L	1724758.00		
	Ag	107		mg/L	355.01		
	Ag	109		mg/L	300.67		
	Cd	111		mg/L	104.33		
	Cd	114		mg/L	227.08		
>	In	115		mg/L	2253950.11		
	Sn	118		mg/L	572.36		
	Sn	120		mg/L	753.87		
	Sb	121		mg/L	2042.25		
	Sb	123		mg/L	1566.14		
	Ba	135		mg/L	153.67		

	Ba	137	mg/L	219.47
>	Tb	159	mg/L	2765276.90
>	Ho	165	mg/L	2786130.20
	Hg	202	mg/L	100.67
	Tl	203	mg/L	520.35
	Tl	205	mg/L	1162.42
	Pb	208	mg/L	1181.04
	Bi	209	mg/L	1374.78
	Th	232	mg/L	2738.44
	U	238	mg/L	743.70

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 16:36:43
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Standard 1.089
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	282213.65	282213.652	4.525
	Be	9		mg/L	167.00	0.001	6.583
	B	11		mg/L	1633.83	0.002	32.965
	Na	23		mg/L	411997.12	0.270	6.418
	Mg	24		mg/L	7474.19	0.005	4.511
	Al	27		mg/L	10826.23	0.005	18.334
	Si	28		mg/L	232434.71	0.188	20.482
	K	39		mg/L	2184441.19	0.399	85.247
	Ca	44		mg/L	95837.48	0.010	129.242
>	Sc	45		mg/L	1003236.67	1003236.669	12.796
	Ti	47		mg/L	1504.14	0.000	4.532
	V	51		mg/L	-39929.47	-0.003	646.004
	Cr	52		mg/L	36665.19	0.009	57.181
	Mn	55		mg/L	11118.92	0.009	15.763
	Fe	57		mg/L	18829.83	-0.000	1476.197
	Ni	58		mg/L	16351.63	0.006	63.612
	Co	59		mg/L	6702.88	0.011	13.361
	Ni	60		mg/L	2047.58	0.003	3.242
	Ni	62		mg/L	627.69	0.000	12.392
	Cu	63		mg/L	9353.24	0.016	4.511
	Cu	65		mg/L	4382.44	0.007	12.857
	Zn	66		mg/L	4013.60	0.006	15.916
	Zn	68		mg/L	3342.32	0.004	10.091
	Ga	69		mg/L	8079.35	0.010	2.457
>	Ge	72		mg/L	550580.98	550580.983	5.614
	As	75		mg/L	-312.22	0.002	112.368
	Se	77		mg/L	9316.54	0.001	101.599
	Se	82		mg/L	86.05	0.000	93.204
	Sr	88		mg/L	14388.23	0.005	3.090
>	Y	89		mg/L	2674067.56	2674067.555	4.486
	Mo	95		mg/L	2232.96	0.001	11.980
	Mo	98		mg/L	3416.48	0.001	23.374
>	Rh	103		mg/L	2146419.23	2146419.228	6.641
	Ag	107		mg/L	4998.76	0.002	6.367
	Ag	109		mg/L	4620.22	0.002	7.372
	Cd	111		mg/L	1322.78	0.001	7.718
	Cd	114		mg/L	3002.47	0.001	4.137
>	In	115		mg/L	2598840.84	2598840.837	10.312
	Sn	118		mg/L	4088.96	0.001	4.617
	Sn	120		mg/L	5793.40	0.002	9.086
	Sb	121		mg/L	6242.54	0.002	17.668
	Sb	123		mg/L	4719.60	0.001	14.480
	Ba	135		mg/L	1225.10	0.000	15.813

	Ba	137	mg/L	2130.17	0.001	10.525
>	Tb	159	mg/L	3335170.37	3335170.375	3.726
>	Ho	165	mg/L	3374620.28	3374620.283	6.335
	Hg	202	mg/L	54.67	-0.000	10.695
	Tl	203	mg/L	4919.05	0.001	3.365
	Tl	205	mg/L	11956.67	0.003	10.465
	Pb	208	mg/L	18907.18	0.005	5.023
	Bi	209	mg/L	12837.23	0.003	2.689
	Th	232	mg/L	12629.95	0.003	6.261
	U	238	mg/L	16531.21	0.005	4.170

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 16:41:49
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Standard 2.090
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	260988.33	260988.327	2.974
	Be	9	0.001000	mg/L	299.01	0.001	4.308
	B	11	0.001000	mg/L	1575.49	0.002	21.036
	Na	23	0.100000	mg/L	530699.44	0.444	2.511
	Mg	24	0.001000	mg/L	5481.38	0.003	3.261
	Al	27	0.001000	mg/L	11262.75	0.007	20.774
	Si	28	0.001000	mg/L	197436.32	0.173	15.193
	K	39	0.100000	mg/L	2340882.52	0.791	32.840
	Ca	44	0.100000	mg/L	99987.21	0.024	43.709
>	Sc	45		mg/L	907079.20	907079.203	10.239
	Ti	47	0.001000	mg/L	1823.53	0.001	22.581
	V	51	0.001000	mg/L	-35038.05	-0.000	1303.838
	Cr	52	0.001000	mg/L	38969.27	0.015	42.856
	Mn	55	0.001000	mg/L	15809.26	0.015	5.256
	Fe	57	0.001000	mg/L	17106.03	0.000	589.555
	Ni	58	0.001000	mg/L	17799.63	0.010	15.163
	Co	59	0.001000	mg/L	11701.32	0.021	3.627
	Ni	60	0.001000	mg/L	2858.15	0.005	12.319
	Ni	62	0.001000	mg/L	667.36	0.001	1.356
	Cu	63	0.001000	mg/L	6245.88	0.010	6.527
	Cu	65	0.001000	mg/L	3069.22	0.005	8.215
	Zn	66	0.001000	mg/L	2888.16	0.004	8.936
	Zn	68	0.001000	mg/L	2646.41	0.003	3.896
	Ga	69	0.001000	mg/L	12835.19	0.020	5.288
>	Ge	72		mg/L	524537.93	524537.926	2.022
	As	75	0.001000	mg/L	56.26	0.003	41.145
	Se	77	0.001000	mg/L	9509.74	0.002	26.352
	Se	82	0.001000	mg/L	145.35	0.000	24.497
	Sr	88	0.001000	mg/L	23307.49	0.009	4.760
>	Y	89		mg/L	2516042.42	2516042.425	2.185
	Mo	95	0.001000	mg/L	3687.79	0.001	7.455
	Mo	98	0.001000	mg/L	5639.03	0.002	15.000
>	Rh	103		mg/L	2029883.50	2029883.501	3.703
	Ag	107	0.001000	mg/L	8782.67	0.004	5.858
	Ag	109	0.001000	mg/L	8321.89	0.004	3.141
	Cd	111	0.001000	mg/L	2255.30	0.001	3.248
	Cd	114	0.001000	mg/L	5295.49	0.002	9.765
>	In	115		mg/L	2503668.45	2503668.445	5.045
	Sn	118	0.001000	mg/L	7078.83	0.003	4.421
	Sn	120	0.001000	mg/L	9930.35	0.004	9.237
	Sb	121	0.001000	mg/L	9549.11	0.003	8.954
	Sb	123	0.001000	mg/L	7177.52	0.002	4.268
	Ba	135	0.001000	mg/L	2085.93	0.001	4.851

	Ba	137	0.001000	mg/L	3564.44	0.001	2.810
>	Tb	159		mg/L	3110364.36	3110364.360	3.383
>	Ho	165		mg/L	3047782.46	3047782.460	8.701
	Hg	202	0.000020	mg/L	45.00	-0.000	2.352
	Tl	203	0.001000	mg/L	8581.14	0.003	6.162
	Tl	205	0.001000	mg/L	20854.13	0.006	12.324
	Pb	208	0.001000	mg/L	28653.67	0.009	4.485
	Bi	209	0.001000	mg/L	23026.49	0.007	2.795
	Th	232	0.001000	mg/L	24082.79	0.007	10.042
	U	238	0.001000	mg/L	29871.63	0.010	8.845

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 16:46:56
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Standard 3.091
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	236784.97	236784.972	1.130
	Be	9	0.005001	mg/L	1370.45	0.006	8.982
	B	11	0.005021	mg/L	3150.61	0.010	37.552
	Na	23	0.500783	mg/L	2100789.93	2.380	2.416
	Mg	24	0.005061	mg/L	14978.54	0.015	7.665
	Al	27	0.005007	mg/L	24738.92	0.024	4.123
	Si	28	0.005743	mg/L	194790.00	0.188	2.640
	K	39	0.500118	mg/L	4890049.48	4.066	10.819
	Ca	44	0.499825	mg/L	182241.38	0.132	7.994
>	Sc	45		mg/L	833352.66	833352.663	2.634
	Ti	47	0.004986	mg/L	3959.24	0.004	6.927
	V	51	0.005001	mg/L	-10806.47	0.025	188.717
	Cr	52	0.004988	mg/L	66431.79	0.052	6.421
	Mn	55	0.005004	mg/L	64193.74	0.075	6.139
	Fe	57	0.005021	mg/L	17178.39	0.002	10.539
	Ni	58	0.005007	mg/L	37628.33	0.055	15.070
	Co	59	0.005001	mg/L	51436.14	0.106	11.221
	Ni	60	0.005007	mg/L	11303.15	0.023	9.502
	Ni	62	0.005017	mg/L	1935.89	0.003	1.125
	Cu	63	0.005063	mg/L	25833.31	0.052	1.893
	Cu	65	0.005059	mg/L	12190.63	0.024	3.918
	Zn	66	0.005078	mg/L	7689.34	0.014	11.301
	Zn	68	0.005069	mg/L	5860.28	0.010	11.719
	Ga	69	0.004998	mg/L	46529.92	0.093	5.389
>	Ge	72		mg/L	481203.22	481203.222	3.679
	As	75	0.005015	mg/L	6258.69	0.016	5.674
	Se	77	0.004916	mg/L	9643.21	0.004	9.673
	Se	82	0.005005	mg/L	703.49	0.000	6.401
	Sr	88	0.005002	mg/L	95240.14	0.042	8.216
>	Y	89		mg/L	2262970.43	2262970.428	5.630
	Mo	95	0.004999	mg/L	14460.35	0.006	3.854
	Mo	98	0.005001	mg/L	23333.21	0.010	5.292
>	Rh	103		mg/L	1797963.16	1797963.163	4.336
	Ag	107	0.005002	mg/L	38194.51	0.021	1.190
	Ag	109	0.005002	mg/L	37791.90	0.021	9.065
	Cd	111	0.005004	mg/L	10381.38	0.006	10.414
	Cd	114	0.005003	mg/L	23928.80	0.013	7.545
>	In	115		mg/L	2243786.92	2243786.920	4.515
	Sn	118	0.005000	mg/L	28722.03	0.013	1.503
	Sn	120	0.005001	mg/L	40833.18	0.018	0.650
	Sb	121	0.005002	mg/L	36135.38	0.015	6.274
	Sb	123	0.005004	mg/L	27972.48	0.012	10.875
	Ba	135	0.005000	mg/L	8954.83	0.003	7.511

	Ba	137	0.005001	mg/L	15395.58	0.005	11.300
>	Tb	159		mg/L	2921069.50	2921069.505	6.331
>	Ho	165		mg/L	2894706.94	2894706.935	3.024
	Hg	202	0.000506	mg/L	48.00	-0.000	10.125
	Tl	203	0.004997	mg/L	36817.28	0.013	8.342
	Tl	205	0.004997	mg/L	88667.97	0.030	4.755
	Pb	208	0.005004	mg/L	130431.19	0.045	3.881
	Bi	209	0.004999	mg/L	105634.37	0.036	2.294
	Th	232	0.004999	mg/L	116831.93	0.039	8.061
	U	238	0.004998	mg/L	134093.84	0.046	6.642

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 16:52:03
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Standard 4.092
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	232896.38	232896.381	4.319
	Be	9	0.009976	mg/L	2648.41	0.011	7.558
	B	11	0.009524	mg/L	4147.99	0.014	16.537
	Na	23	1.001150	mg/L	4192332.29	4.784	3.051
	Mg	24	0.010267	mg/L	30595.07	0.033	7.062
	Al	27	0.010289	mg/L	51154.43	0.055	13.421
	Si	28	0.010589	mg/L	209533.16	0.201	10.605
	K	39	0.997162	mg/L	8342418.90	8.003	3.874
	Ca	44	0.989283	mg/L	286755.03	0.250	3.348
>	Sc	45		mg/L	850446.24	850446.238	3.706
	Ti	47	0.009996	mg/L	7023.12	0.007	5.936
	V	51	0.010564	mg/L	44406.41	0.091	35.136
	Cr	52	0.010039	mg/L	109368.63	0.101	11.318
	Mn	55	0.009941	mg/L	123877.18	0.143	6.433
	Fe	57	0.009316	mg/L	18234.83	0.003	18.679
	Ni	58	0.010062	mg/L	65465.59	0.114	5.136
	Co	59	0.010060	mg/L	105252.89	0.220	11.516
	Ni	60	0.010086	mg/L	23020.17	0.048	11.030
	Ni	62	0.010077	mg/L	3642.77	0.007	4.308
	Cu	63	0.010123	mg/L	50512.12	0.104	3.095
	Cu	65	0.010127	mg/L	23891.70	0.049	5.924
	Zn	66	0.010398	mg/L	16374.23	0.033	3.005
	Zn	68	0.010427	mg/L	12127.89	0.023	8.225
	Ga	69	0.010073	mg/L	93701.43	0.192	7.042
>	Ge	72		mg/L	476836.17	476836.172	3.708
	As	75	0.009966	mg/L	13262.79	0.030	4.121
	Se	77	0.009747	mg/L	10624.32	0.006	21.327
	Se	82	0.010087	mg/L	1466.87	0.001	6.977
	Sr	88	0.010111	mg/L	198736.06	0.089	8.358
>	Y	89		mg/L	2220944.07	2220944.070	1.852
	Mo	95	0.010052	mg/L	28796.31	0.013	7.045
	Mo	98	0.010024	mg/L	46002.16	0.020	7.040
>	Rh	103		mg/L	1860787.74	1860787.743	6.765
	Ag	107	0.010021	mg/L	79825.36	0.043	1.634
	Ag	109	0.009949	mg/L	75785.78	0.041	6.246
	Cd	111	0.009901	mg/L	20152.55	0.011	11.742
	Cd	114	0.009909	mg/L	46537.97	0.025	15.441
>	In	115		mg/L	2369676.57	2369676.568	2.663
	Sn	118	0.010059	mg/L	62125.98	0.026	6.938
	Sn	120	0.010006	mg/L	85353.83	0.036	9.863
	Sb	121	0.009973	mg/L	73190.88	0.030	4.199
	Sb	123	0.009931	mg/L	55485.93	0.023	5.181
	Ba	135	0.010072	mg/L	18036.73	0.006	4.024

	Ba	137	0.010092	mg/L	31416.76	0.011	9.253
>	Tb	159		mg/L	2834906.86	2834906.864	5.273
>	Ho	165		mg/L	2845201.15	2845201.151	4.684
	Hg	202	-0.020489	mg/L	43.33	-0.000	12.927
	Tl	203	0.010149	mg/L	79012.44	0.028	8.927
	Tl	205	0.010135	mg/L	187928.27	0.066	11.992
	Pb	208	0.010023	mg/L	257218.92	0.090	1.252
	Bi	209	0.010051	mg/L	213844.04	0.075	4.128
	Th	232	0.010184	mg/L	260858.14	0.091	9.189
	U	238	0.010076	mg/L	274832.76	0.097	13.085

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 16:57:10
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\Standard 5.093
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	230728.78	230728.778	2.176
	Be	9	0.099980	mg/L	25451.26	0.110	7.417
	B	11	0.099987	mg/L	31011.77	0.131	11.289
	Na	23	9.997422	mg/L	39480267.23	45.931	2.301
	Mg	24	0.099995	mg/L	268175.80	0.311	8.714
	Al	27	0.099957	mg/L	421050.33	0.487	12.425
	Si	28	0.100098	mg/L	399012.40	0.420	9.732
	K	39	9.996762	mg/L	66916785.37	76.265	3.337
	Ca	44	9.992606	mg/L	2018079.88	2.267	3.101
>	Sc	45		mg/L	857337.91	857337.907	4.260
	Ti	47	0.099947	mg/L	56656.19	0.065	8.591
	V	51	0.099999	mg/L	793385.54	0.968	16.570
	Cr	52	0.099915	mg/L	750751.35	0.849	5.035
	Mn	55	0.099959	mg/L	1148269.43	1.336	6.219
	Fe	57	0.100135	mg/L	47716.12	0.037	3.232
	Ni	58	0.099962	mg/L	525265.06	1.073	8.459
	Co	59	0.099962	mg/L	992956.07	2.073	10.050
	Ni	60	0.099962	mg/L	213269.65	0.445	8.426
	Ni	62	0.099951	mg/L	31172.73	0.064	3.185
	Cu	63	0.099978	mg/L	457824.91	0.952	1.862
	Cu	65	0.100000	mg/L	223447.40	0.465	4.857
	Zn	66	0.099949	mg/L	132876.68	0.276	9.580
	Zn	68	0.099953	mg/L	95524.18	0.197	9.188
	Ga	69	0.099967	mg/L	871291.23	1.813	6.242
>	Ge	72		mg/L	480039.43	480039.430	3.868
	As	75	0.099987	mg/L	141568.87	0.298	1.345
	Se	77	0.098976	mg/L	18129.92	0.022	3.024
	Se	82	0.099983	mg/L	14661.39	0.006	5.107
	Sr	88	0.099959	mg/L	1884481.69	0.829	5.584
>	Y	89		mg/L	2273547.92	2273547.920	2.625
	Mo	95	0.099965	mg/L	275101.99	0.121	3.693
	Mo	98	0.099973	mg/L	446320.58	0.196	2.178
>	Rh	103		mg/L	1860308.12	1860308.120	3.771
	Ag	107	0.099971	mg/L	759508.05	0.408	3.785
	Ag	109	0.099965	mg/L	719363.62	0.387	7.579
	Cd	111	0.099975	mg/L	194332.97	0.105	10.937
	Cd	114	0.100002	mg/L	469001.23	0.252	6.942
>	In	115		mg/L	2423631.55	2423631.547	3.438
	Sn	118	0.099968	mg/L	599050.66	0.247	5.049
	Sn	120	0.099958	mg/L	810813.71	0.334	2.373
	Sb	121	0.099918	mg/L	646655.76	0.266	5.766
	Sb	123	0.099924	mg/L	494490.75	0.204	12.543
	Ba	135	0.099988	mg/L	179294.70	0.062	8.146

	Ba	137	0.099981	mg/L	309289.20	0.107	11.788
>	Tb	159		mg/L	2906333.41	2906333.415	5.794
>	Ho	165		mg/L	2935722.25	2935722.249	6.248
	Hg	202	0.010068	mg/L	85.67	-0.000	57.527
	Tl	203	0.099986	mg/L	788457.92	0.270	11.184
	Tl	205	0.099972	mg/L	1837577.19	0.628	10.140
	Pb	208	0.099966	mg/L	2493946.40	0.850	2.043
	Bi	209	0.099990	mg/L	2158585.42	0.738	8.910
	Th	232	0.100003	mg/L	2702668.78	0.924	12.642
	U	238	0.099981	mg/L	2738551.17	0.936	9.820

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:02:16
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-ICV1.094
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	226428.13	226428.132	5.468
	Be	9	0.041072	mg/L	10267.90	0.045	6.206
	B	11	0.042954	mg/L	13739.86	0.057	10.430
	Na	23	0.362985	mg/L	1588182.10	1.740	4.668
	Mg	24	0.398543	mg/L	1044344.14	1.235	5.230
	Al	27	0.189351	mg/L	778180.45	0.920	13.666
	Si	28	-0.030313	mg/L	126195.56	0.104	20.276
	K	39	0.398671	mg/L	4220982.21	3.203	13.244
	Ca	44	0.422674	mg/L	162720.14	0.106	7.451
>	Sc	45		mg/L	846156.33	846156.334	7.870
	Ti	47	0.040944	mg/L	23589.83	0.027	8.598
	V	51	0.039616	mg/L	282154.58	0.376	22.062
	Cr	52	0.039902	mg/L	312493.90	0.345	18.341
	Mn	55	0.044216	mg/L	503811.40	0.594	2.620
	Fe	57	0.166677	mg/L	68045.31	0.062	3.099
	Ni	58	0.041281	mg/L	222855.71	0.444	5.545
	Co	59	0.038838	mg/L	385645.50	0.808	3.211
	Ni	60	0.038911	mg/L	83216.64	0.174	5.216
	Ni	62	0.041416	mg/L	13064.51	0.027	3.999
	Cu	63	0.042540	mg/L	195380.58	0.409	8.674
	Cu	65	0.041209	mg/L	92339.22	0.193	8.656
	Zn	66	0.038955	mg/L	52835.37	0.109	4.066
	Zn	68	0.038241	mg/L	37591.67	0.077	2.208
	Ga	69	0.038697	mg/L	337964.39	0.704	4.219
>	Ge	72		mg/L	476679.56	476679.564	2.051
	As	75	0.042599	mg/L	59251.02	0.127	2.655
	Se	77	0.034132	mg/L	11978.35	0.009	18.962
	Se	82	0.040894	mg/L	5943.09	0.003	5.264
	Sr	88	0.039210	mg/L	737523.07	0.326	6.256
>	Y	89		mg/L	2254119.09	2254119.088	2.979
	Mo	95	0.043515	mg/L	119043.66	0.053	6.831
	Mo	98	0.043833	mg/L	194491.72	0.086	7.131
>	Rh	103		mg/L	1868322.77	1868322.766	4.241
	Ag	107	0.021458	mg/L	165264.92	0.088	3.908
	Ag	109	0.021767	mg/L	159055.03	0.085	2.402
	Cd	111	0.041607	mg/L	81578.15	0.044	7.502
	Cd	114	0.041010	mg/L	193136.47	0.104	11.533
>	In	115		mg/L	2446063.84	2446063.844	3.000
	Sn	118	0.039265	mg/L	237954.31	0.097	7.490
	Sn	120	0.038966	mg/L	320438.32	0.131	10.208
	Sb	121	0.046188	mg/L	304883.46	0.124	5.065
	Sb	123	0.047727	mg/L	241196.99	0.098	1.926
	Ba	135	0.039842	mg/L	74302.59	0.025	6.413

	Ba	137	0.038052	mg/L	122550.99	0.041	6.096
>	Tb	159		mg/L	3009449.30	3009449.296	3.262
>	Ho	165		mg/L	3055297.06	3055297.062	6.170
	Hg	202	0.024586	mg/L	151.67	0.000	15.855
	Tl	203	0.037465	mg/L	307672.54	0.101	10.858
	Tl	205	0.038416	mg/L	735876.88	0.242	12.430
	Pb	208	0.039732	mg/L	1035450.22	0.339	3.741
	Bi	209	0.038519	mg/L	868572.52	0.284	2.555
	Th	232	0.037214	mg/L	1044528.09	0.342	8.286
	U	238	0.035846	mg/L	1022806.97	0.336	10.988

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:07:21
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-ICB1.095
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	221043.63	221043.628	6.247
	Be	9	-0.000086	mg/L	18.33	0.000	296.070
	B	11	-0.000537	mg/L	1042.40	0.001	53.625
	Na	23	-0.029126	mg/L	70149.99	-0.059	10.633
	Mg	24	-0.000407	mg/L	2414.34	0.000	145.183
	Al	27	-0.000476	mg/L	5076.47	0.000	295.029
	Si	28	-0.071384	mg/L	42830.83	0.004	172.996
	K	39	-0.032261	mg/L	1466656.83	-0.077	227.151
	Ca	44	-0.033986	mg/L	76014.98	0.003	262.218
>	Sc	45		mg/L	851785.66	851785.658	7.287
	Ti	47	-0.000149	mg/L	1154.09	0.000	47.227
	V	51	0.000816	mg/L	-36035.94	-0.004	223.035
	Cr	52	-0.000888	mg/L	25324.22	0.002	206.736
	Mn	55	-0.000404	mg/L	2043.92	0.000	109.853
	Fe	57	-0.002913	mg/L	14748.14	-0.002	5.703
	Ni	58	-0.000282	mg/L	10427.09	-0.001	213.827
	Co	59	-0.000214	mg/L	348.68	-0.000	40.775
	Ni	60	-0.000343	mg/L	194.00	-0.000	49.113
	Ni	62	-0.000606	mg/L	222.00	-0.000	27.104
	Cu	63	-0.000707	mg/L	633.36	-0.000	106.670
	Cu	65	-0.000522	mg/L	377.68	-0.000	73.400
	Zn	66	-0.001015	mg/L	800.38	-0.000	308.773
	Zn	68	-0.000796	mg/L	1184.76	0.001	34.476
	Ga	69	-0.000076	mg/L	3228.94	0.003	23.656
>	Ge	72		mg/L	464373.57	464373.572	7.518
	As	75	-0.000280	mg/L	-1400.82	-0.000	144.086
	Se	77	-0.007252	mg/L	7904.18	0.001	116.824
	Se	82	0.000123	mg/L	16.40	-0.000	262.365
	Sr	88	-0.000227	mg/L	1050.07	-0.000	257.373
>	Y	89		mg/L	2195282.89	2195282.887	5.962
	Mo	95	0.000425	mg/L	2070.59	0.001	13.447
	Mo	98	0.000492	mg/L	3311.15	0.001	20.295
>	Rh	103		mg/L	1812460.93	1812460.931	0.943
	Ag	107	-0.000130	mg/L	569.02	0.000	86.460
	Ag	109	-0.000200	mg/L	538.36	0.000	92.807
	Cd	111	-0.000215	mg/L	110.34	0.000	850.271
	Cd	114	-0.000039	mg/L	231.51	-0.000	75.435
>	In	115		mg/L	2407720.01	2407720.015	5.222
	Sn	118	-0.000041	mg/L	1388.12	0.000	38.001
	Sn	120	-0.000174	mg/L	1800.68	0.000	30.457
	Sb	121	0.001604	mg/L	15758.97	0.006	21.353
	Sb	123	0.001649	mg/L	12207.88	0.004	17.543
	Ba	135	-0.000023	mg/L	157.67	-0.000	356.602

	Ba	137	-0.000053	mg/L	243.11	0.000	72.959
>	Tb	159		mg/L	2904585.83	2904585.826	0.743
>	Ho	165		mg/L	2971590.58	2971590.575	4.412
	Hg	202	0.012442	mg/L	96.67	-0.000	52.234
	Tl	203	0.000083	mg/L	893.39	0.000	25.853
	Tl	205	-0.000032	mg/L	2088.26	0.000	33.742
	Pb	208	-0.000254	mg/L	1297.72	0.000	236.761
	Bi	209	0.000058	mg/L	2245.97	0.000	61.662
	Th	232	0.000992	mg/L	20581.03	0.006	17.156
	U	238	-0.000064	mg/L	876.05	0.000	100.466

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:12:26
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-LCV1.096
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	223358.40	223358.398	1.223
	Be	9	0.000923	mg/L	267.01	0.001	8.629
	B	11	0.000974	mg/L	1490.80	0.003	25.831
	Na	23	0.076155	mg/L	470468.22	0.424	1.508
	Mg	24	0.000543	mg/L	4801.65	0.003	15.588
	Al	27	0.000748	mg/L	9922.56	0.006	20.325
	Si	28	-0.003293	mg/L	179160.82	0.170	8.973
	K	39	0.091079	mg/L	2219299.39	0.862	8.716
	Ca	44	0.097614	mg/L	99180.21	0.032	6.030
>	Sc	45		mg/L	831691.00	831691.001	3.388
	Ti	47	0.002307	mg/L	2473.43	0.002	86.036
	V	51	-0.000107	mg/L	-43398.44	-0.014	194.958
	Cr	52	0.000533	mg/L	34765.74	0.014	19.489
	Mn	55	0.000734	mg/L	14613.27	0.015	6.199
	Fe	57	0.001169	mg/L	15667.32	0.000	4451.286
	Ni	58	0.000781	mg/L	15951.48	0.010	24.088
	Co	59	0.000808	mg/L	10283.26	0.021	10.616
	Ni	60	0.000738	mg/L	2447.35	0.005	8.720
	Ni	62	0.000658	mg/L	605.69	0.001	13.942
	Cu	63	0.000431	mg/L	5711.85	0.011	1.255
	Cu	65	0.000605	mg/L	2836.47	0.005	4.020
	Zn	66	0.000410	mg/L	2639.41	0.004	13.227
	Zn	68	0.000620	mg/L	2500.04	0.003	16.767
	Ga	69	0.000935	mg/L	11870.87	0.021	9.982
>	Ge	72		mg/L	470847.46	470847.464	4.701
	As	75	0.001374	mg/L	905.01	0.005	32.295
	Se	77	-0.002666	mg/L	8459.02	0.002	28.364
	Se	82	0.000984	mg/L	139.33	0.000	22.088
	Sr	88	0.000825	mg/L	20430.88	0.009	9.052
>	Y	89		mg/L	2226458.65	2226458.651	1.605
	Mo	95	0.001044	mg/L	3760.48	0.001	3.467
	Mo	98	0.001127	mg/L	6137.79	0.002	1.795
>	Rh	103		mg/L	1797218.48	1797218.482	6.694
	Ag	107	0.000874	mg/L	7916.86	0.004	2.644
	Ag	109	0.000832	mg/L	7679.99	0.004	6.518
	Cd	111	0.000881	mg/L	2157.94	0.001	10.993
	Cd	114	0.001034	mg/L	5068.14	0.003	12.305
>	In	115		mg/L	2315883.58	2315883.582	1.553
	Sn	118	0.000917	mg/L	6804.95	0.003	5.366
	Sn	120	0.000818	mg/L	9404.42	0.004	5.386
	Sb	121	0.001473	mg/L	14442.27	0.005	2.615
	Sb	123	0.001536	mg/L	11251.69	0.004	5.272
	Ba	135	0.000960	mg/L	1959.56	0.001	6.416

	Ba	137	0.000904	mg/L	3264.35	0.001	12.120
>	Tb	159		mg/L	2965269.61	2965269.609	5.795
>	Ho	165		mg/L	2947477.97	2947477.968	3.184
	Hg	202	0.002219	mg/L	54.00	-0.000	14.881
	Tl	203	0.000966	mg/L	7900.85	0.002	8.291
	Tl	205	0.000886	mg/L	19031.82	0.006	10.671
	Pb	208	0.000782	mg/L	27186.35	0.009	1.372
	Bi	209	0.000980	mg/L	22257.12	0.007	5.596
	Th	232	0.001282	mg/L	28352.62	0.009	12.523
	U	238	0.000912	mg/L	27735.32	0.009	10.031

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:17:32
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-LCV2.097
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	219319.61	219319.606	2.092
	Be	9	0.005260	mg/L	1309.77	0.006	5.762
	B	11	0.005717	mg/L	2803.46	0.009	18.133
	Na	23	0.482199	mg/L	2095876.87	2.286	5.902
	Mg	24	0.004628	mg/L	15877.02	0.016	5.620
	Al	27	0.004877	mg/L	27508.08	0.026	13.385
	Si	28	0.000251	mg/L	193231.26	0.178	8.760
	K	39	0.490561	mg/L	4923774.37	3.903	1.846
	Ca	44	0.523629	mg/L	185887.22	0.129	3.740
>	Sc	45		mg/L	862484.49	862484.491	3.075
	Ti	47	0.004969	mg/L	4027.93	0.003	3.796
	V	51	0.003784	mg/L	-12152.08	0.025	103.077
	Cr	52	0.004546	mg/L	65093.52	0.048	11.897
	Mn	55	0.005132	mg/L	65643.40	0.074	5.913
	Fe	57	0.004771	mg/L	17407.19	0.001	50.640
	Ni	58	0.005036	mg/L	37643.87	0.056	6.150
	Co	59	0.004916	mg/L	50560.86	0.106	10.823
	Ni	60	0.004817	mg/L	11019.14	0.023	8.546
	Ni	62	0.004898	mg/L	1897.22	0.003	5.665
	Cu	63	0.004944	mg/L	25954.32	0.053	3.838
	Cu	65	0.004915	mg/L	12301.46	0.025	4.076
	Zn	66	0.004585	mg/L	8056.65	0.015	3.889
	Zn	68	0.004499	mg/L	6106.12	0.011	10.971
	Ga	69	0.004917	mg/L	46038.48	0.093	9.114
>	Ge	72		mg/L	473423.70	473423.698	1.372
	As	75	0.005124	mg/L	6166.36	0.016	9.238
	Se	77	0.009056	mg/L	9595.49	0.004	3.611
	Se	82	0.005068	mg/L	729.36	0.000	4.925
	Sr	88	0.004881	mg/L	95656.92	0.042	7.942
>	Y	89		mg/L	2236934.60	2236934.604	1.851
	Mo	95	0.005294	mg/L	15234.92	0.007	4.969
	Mo	98	0.005316	mg/L	24509.65	0.011	7.048
>	Rh	103		mg/L	1833719.21	1833719.206	5.402
	Ag	107	0.004982	mg/L	38832.46	0.021	3.721
	Ag	109	0.005162	mg/L	38470.28	0.021	4.586
	Cd	111	0.005350	mg/L	10733.45	0.006	10.735
	Cd	114	0.005288	mg/L	24765.63	0.013	13.651
>	In	115		mg/L	2358460.74	2358460.744	0.849
	Sn	118	0.004960	mg/L	30413.89	0.013	6.295
	Sn	120	0.004908	mg/L	41729.03	0.017	6.994
	Sb	121	0.005469	mg/L	39685.54	0.016	3.674
	Sb	123	0.005733	mg/L	31551.87	0.013	6.286
	Ba	135	0.005052	mg/L	9396.95	0.003	2.649

	Ba	137	0.004894	mg/L	15771.88	0.005	8.603
>	Tb	159		mg/L	2945633.74	2945633.738	3.963
>	Ho	165		mg/L	2936430.47	2936430.474	3.748
	Hg	202	0.000398	mg/L	46.33	-0.000	5.111
	Tl	203	0.004811	mg/L	38274.16	0.013	6.816
	Tl	205	0.004842	mg/L	91659.97	0.031	11.428
	Pb	208	0.005010	mg/L	132294.01	0.045	1.041
	Bi	209	0.005053	mg/L	110386.94	0.037	1.611
	Th	232	0.004801	mg/L	123976.19	0.041	7.469
	U	238	0.004799	mg/L	134118.95	0.046	10.658

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:22:38
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-SCV1.098
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	246235.11	246235.112	4.046
	Be	9	0.489383	mg/L	132980.80	0.540	3.159
	B	11	0.483281	mg/L	155133.48	0.626	2.774
	Na	23	5.189073	mg/L	19395935.58	23.876	2.458
	Mg	24	4.928050	mg/L	12345287.44	15.251	5.528
	Al	27	2.482932	mg/L	9736894.06	12.038	3.066
	Si	28	0.552869	mg/L	1261598.66	1.518	6.775
	K	39	5.515991	mg/L	35405422.72	42.157	11.311
	Ca	44	5.848032	mg/L	1143112.93	1.331	8.776
>	Sc	45		mg/L	808217.08	808217.080	5.279
	Ti	47	0.523981	mg/L	275704.35	0.340	3.183
	V	51	0.493905	mg/L	3876783.22	4.830	4.987
	Cr	52	0.541776	mg/L	3701040.39	4.561	6.348
	Mn	55	0.567803	mg/L	6089810.41	7.560	11.190
	Fe	57	2.122423	mg/L	652659.96	0.790	3.706
	Ni	58	0.512773	mg/L	2591744.18	5.495	15.504
	Co	59	0.495370	mg/L	4820207.29	10.254	12.992
	Ni	60	0.508775	mg/L	1064913.36	2.257	3.134
	Ni	62	0.532589	mg/L	161852.86	0.342	3.679
	Cu	63	0.531473	mg/L	2378093.78	5.033	1.323
	Cu	65	0.501733	mg/L	1095377.13	2.324	6.631
	Zn	66	0.496844	mg/L	640436.97	1.360	10.664
	Zn	68	0.493076	mg/L	455465.53	0.966	9.268
	Ga	69	0.517735	mg/L	4422223.68	9.373	3.822
>	Ge	72		mg/L	472237.07	472237.067	5.454
	As	75	0.531994	mg/L	744721.92	1.581	3.330
	Se	77	0.559048	mg/L	60009.40	0.112	8.093
	Se	82	0.509136	mg/L	70863.75	0.033	16.282
	Sr	88	0.542453	mg/L	9725688.57	4.491	7.571
>	Y	89		mg/L	2173521.64	2173521.639	7.664
	Mo	95	0.548545	mg/L	1435823.06	0.661	3.153
	Mo	98	0.536565	mg/L	2275766.59	1.051	8.656
>	Rh	103		mg/L	1767900.26	1767900.257	3.671
	Ag	107	0.279799	mg/L	2018381.54	1.142	1.371
	Ag	109	0.287646	mg/L	1961733.65	1.112	11.026
	Cd	111	0.545752	mg/L	1006618.49	0.570	8.495
	Cd	114	0.523028	mg/L	2331000.68	1.320	4.670
>	In	115		mg/L	2272060.77	2272060.773	6.969
	Sn	118	0.515809	mg/L	2887360.00	1.271	1.319
	Sn	120	0.547251	mg/L	4137817.82	1.825	5.590
	Sb	121	0.611709	mg/L	3667936.87	1.623	12.420
	Sb	123	0.615405	mg/L	2828439.67	1.250	10.976
	Ba	135	0.494222	mg/L	887396.67	0.306	11.977

	Ba	137	0.486481	mg/L	1508871.60	0.520	11.642
>	Tb	159		mg/L	2916308.55	2916308.551	5.519
>	Ho	165		mg/L	2877610.70	2877610.702	2.790
	Hg	202	0.039844	mg/L	203.67	0.000	24.195
	Tl	203	0.484679	mg/L	3758001.19	1.307	7.093
	Tl	205	0.519515	mg/L	9380097.82	3.262	4.504
	Pb	208	0.533831	mg/L	13031865.42	4.527	1.317
	Bi	209	0.504589	mg/L	10700069.77	3.723	7.131
	Th	232	0.504292	mg/L	13432174.53	4.675	10.045
	U	238	0.514990	mg/L	13858919.92	4.819	3.582

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:27:43
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-HCV1.099
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	262058.45	262058.446	5.670
	Be	9	0.874956	mg/L	252207.60	0.965	6.422
	B	11	0.837508	mg/L	283668.89	1.084	11.419
	Na	23	10.144933	mg/L	37447367.16	46.608	1.296
	Mg	24	9.884475	mg/L	24457471.32	30.588	5.710
	Al	27	5.176116	mg/L	19987233.80	25.093	14.922
	Si	28	1.092981	mg/L	2289318.66	2.828	14.450
	K	39	10.848345	mg/L	67560884.36	82.748	7.096
	Ca	44	10.752204	mg/L	2023116.27	2.439	3.080
>	Sc	45		mg/L	801396.30	801396.298	6.419
	Ti	47	1.060694	mg/L	550538.62	0.688	6.596
	V	51	1.036503	mg/L	8050622.38	10.150	15.154
	Cr	52	1.069276	mg/L	7193862.48	8.993	11.397
	Mn	55	1.084768	mg/L	11564030.48	14.439	5.309
	Fe	57	4.059297	mg/L	1224978.15	1.511	2.834
	Ni	58	1.056434	mg/L	5038727.76	11.320	1.955
	Co	59	1.049763	mg/L	9649999.15	21.726	5.977
	Ni	60	1.031820	mg/L	2032680.64	4.576	5.534
	Ni	62	1.062184	mg/L	302885.13	0.681	2.854
	Cu	63	1.044240	mg/L	4390641.98	9.882	4.918
	Cu	65	0.991874	mg/L	2040570.72	4.592	7.407
	Zn	66	1.019198	mg/L	1238350.16	2.786	1.038
	Zn	68	1.024980	mg/L	891538.55	2.005	4.160
	Ga	69	1.073519	mg/L	8631714.08	19.430	6.048
>	Ge	72		mg/L	444197.73	444197.729	0.294
	As	75	1.057686	mg/L	1394796.98	3.143	3.615
	Se	77	1.109926	mg/L	104258.56	0.219	5.355
	Se	82	1.016449	mg/L	141184.15	0.066	1.642
	Sr	88	1.065450	mg/L	18982857.34	8.820	6.247
>	Y	89		mg/L	2151551.38	2151551.385	1.089
	Mo	95	1.072968	mg/L	2782690.83	1.293	4.820
	Mo	98	1.069367	mg/L	4505686.83	2.095	7.039
>	Rh	103		mg/L	1772132.31	1772132.313	3.767
	Ag	107	0.303725	mg/L	2199689.30	1.239	5.223
	Ag	109	0.302069	mg/L	2071409.21	1.168	2.317
	Cd	111	1.015364	mg/L	1877090.45	1.061	7.141
	Cd	114	1.011784	mg/L	4512012.14	2.553	11.325
>	In	115		mg/L	2287956.84	2287956.844	2.771
	Sn	118	1.045257	mg/L	5886771.09	2.575	5.839
	Sn	120	1.089165	mg/L	8299125.61	3.632	9.123
	Sb	121	1.202198	mg/L	7289095.02	3.188	5.316
	Sb	123	1.185976	mg/L	5511114.09	2.409	3.349
	Ba	135	0.982510	mg/L	1709444.59	0.607	3.149

	Ba	137	1.010265	mg/L	3030128.83	1.079	9.119
>	Tb	159		mg/L	2816246.87	2816246.866	4.650
>	Ho	165		mg/L	2812313.96	2812313.960	5.754
	Hg	202	0.079044	mg/L	352.34	0.000	14.699
	Tl	203	1.015524	mg/L	7682366.40	2.740	7.894
	Tl	205	1.073715	mg/L	18882644.58	6.741	10.523
	Pb	208	1.053322	mg/L	25092062.13	8.931	2.847
	Bi	209	1.017998	mg/L	21093556.84	7.510	3.606
	Th	232	1.052967	mg/L	27370768.07	9.765	9.148
	U	238	1.034967	mg/L	27098149.74	9.684	13.065

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:32:49
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-IFA1.100
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	208130.28	208130.275	3.621
	Be	9	-0.000071	mg/L	20.67	0.000	108.537
	B	11	0.017157	mg/L	5728.61	0.024	29.687
	Na	23	25.810401	mg/L	94371390.29	118.463	2.040
	Mg	24	10.071186	mg/L	24719348.58	31.165	8.450
	Al	27	10.124078	mg/L	38832799.66	49.078	14.544
	Si	28	-0.063068	mg/L	56059.07	0.025	35.476
	K	39	10.752172	mg/L	66471015.98	82.015	8.349
	Ca	44	29.523082	mg/L	5380337.43	6.679	1.394
>	Sc	45		mg/L	795617.76	795617.759	6.066
	Ti	47	0.231459	mg/L	120273.81	0.150	5.186
	V	51	0.004212	mg/L	-7592.90	0.029	16.541
	Cr	52	-0.001891	mg/L	17019.47	-0.006	40.908
	Mn	55	0.000504	mg/L	11512.07	0.012	5.066
	Fe	57	19.505867	mg/L	5793536.79	7.261	0.603
	Ni	58	0.161224	mg/L	818779.50	1.729	3.413
	Co	59	0.000282	mg/L	5146.85	0.010	8.182
	Ni	60	0.000741	mg/L	2439.69	0.005	11.925
	Ni	62	0.001775	mg/L	936.72	0.001	7.863
	Cu	63	0.000371	mg/L	5400.66	0.010	5.331
	Cu	65	0.000466	mg/L	2518.04	0.004	7.282
	Zn	66	-0.000021	mg/L	2076.59	0.003	3.471
	Zn	68	-0.000473	mg/L	1491.47	0.001	19.172
	Ga	69	-0.000192	mg/L	2282.98	0.001	77.355
>	Ge	72		mg/L	467268.34	467268.345	1.771
	As	75	0.001623	mg/L	1225.99	0.005	15.456
	Se	77	-0.076449	mg/L	1689.51	-0.012	3.001
	Se	82	0.001492	mg/L	209.95	0.000	35.249
	Sr	88	0.000139	mg/L	7742.38	0.003	6.440
>	Y	89		mg/L	2202155.98	2202155.980	2.223
	Mo	95	0.220002	mg/L	584348.35	0.265	8.618
	Mo	98	0.215583	mg/L	930021.04	0.422	8.763
>	Rh	103		mg/L	1823360.33	1823360.334	5.309
	Ag	107	0.000226	mg/L	3228.64	0.002	32.298
	Ag	109	0.000158	mg/L	3066.58	0.002	34.390
	Cd	111	0.000505	mg/L	1474.80	0.001	16.446
	Cd	114	0.000502	mg/L	2708.00	0.001	17.257
>	In	115		mg/L	2386790.38	2386790.385	2.501
	Sn	118	0.000738	mg/L	5962.70	0.002	13.904
	Sn	120	0.000643	mg/L	8294.71	0.003	13.925
	Sb	121	0.008929	mg/L	62055.52	0.025	12.788
	Sb	123	0.009042	mg/L	48018.75	0.019	9.786
	Ba	135	0.000100	mg/L	384.35	0.000	9.633

	Ba	137	0.000082	mg/L	671.96	0.000	8.159
>	Tb	159		mg/L	2954906.57	2954906.573	1.620
>	Ho	165		mg/L	2931621.13	2931621.129	4.921
	Hg	202	0.042286	mg/L	218.00	0.000	27.343
	Tl	203	0.002068	mg/L	16558.75	0.005	24.513
	Tl	205	0.002028	mg/L	39860.06	0.013	28.410
	Pb	208	0.000013	mg/L	7898.43	0.002	10.170
	Bi	209	0.000542	mg/L	12690.81	0.004	17.068
	Th	232	0.001731	mg/L	40441.52	0.013	27.641
	U	238	-0.000017	mg/L	2132.94	0.000	15.836

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:37:55
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-IFB1.101
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	220067.79	220067.792	0.981
	Be	9	-0.000092	mg/L	17.00	-0.000	935.147
	B	11	0.005183	mg/L	2666.76	0.009	23.970
	Na	23	25.357637	mg/L	97142059.10	116.386	3.461
	Mg	24	9.408939	mg/L	24286784.87	29.116	8.155
	Al	27	9.372968	mg/L	37889853.83	45.437	5.198
	Si	28	-0.059363	mg/L	66610.10	0.034	43.670
	K	39	10.758808	mg/L	69852630.13	82.066	9.092
	Ca	44	30.236285	mg/L	5769955.35	6.840	7.133
>	Sc	45		mg/L	833362.39	833362.389	1.732
	Ti	47	0.225318	mg/L	122982.98	0.146	6.107
	V	51	0.189878	mg/L	1510195.92	1.849	7.831
	Cr	52	0.195907	mg/L	1402843.78	1.655	0.876
	Mn	55	0.215586	mg/L	2395361.95	2.874	7.848
	Fe	57	19.653361	mg/L	6113777.46	7.316	3.337
	Ni	58	0.335498	mg/L	1754529.32	3.596	7.942
	Co	59	0.188239	mg/L	1888672.87	3.899	11.709
	Ni	60	0.192197	mg/L	414450.77	0.854	2.423
	Ni	62	0.200135	mg/L	62781.11	0.129	4.121
	Cu	63	0.199180	mg/L	919137.28	1.890	3.154
	Cu	65	0.188957	mg/L	425699.51	0.877	4.672
	Zn	66	0.093140	mg/L	125438.33	0.257	8.807
	Zn	68	0.088929	mg/L	86229.75	0.176	7.953
	Ga	69	-0.000287	mg/L	1534.48	-0.001	27.539
>	Ge	72		mg/L	485526.00	485526.004	3.365
	As	75	0.102020	mg/L	146102.16	0.304	0.720
	Se	77	0.027624	mg/L	11592.51	0.008	6.912
	Se	82	0.093493	mg/L	13981.02	0.006	8.489
	Sr	88	0.000078	mg/L	6968.74	0.003	5.809
>	Y	89		mg/L	2322363.34	2322363.340	4.431
	Mo	95	0.210689	mg/L	590910.85	0.254	0.955
	Mo	98	0.206360	mg/L	938736.30	0.404	4.991
>	Rh	103		mg/L	1878446.95	1878446.951	9.498
	Ag	107	0.051841	mg/L	395763.06	0.212	14.014
	Ag	109	0.051506	mg/L	372979.78	0.200	12.176
	Cd	111	0.106765	mg/L	208170.73	0.112	14.370
	Cd	114	0.102148	mg/L	480764.29	0.258	12.660
>	In	115		mg/L	2439582.17	2439582.171	5.275
	Sn	118	0.000087	mg/L	2188.62	0.001	18.578
	Sn	120	-0.000010	mg/L	3175.40	0.001	11.570
	Sb	121	0.001993	mg/L	18540.74	0.007	6.765
	Sb	123	0.002006	mg/L	14155.89	0.005	6.488
	Ba	135	0.000069	mg/L	344.68	0.000	21.331

	Ba	137	0.000038	mg/L	560.07	0.000	20.407
>	Tb	159		mg/L	3107195.84	3107195.835	4.086
>	Ho	165		mg/L	3079932.60	3079932.603	3.288
	Hg	202	0.019752	mg/L	131.67	0.000	36.841
	Tl	203	0.000644	mg/L	5595.79	0.002	8.031
	Tl	205	0.000556	mg/L	13549.26	0.004	5.500
	Pb	208	-0.000083	mg/L	5811.12	0.001	0.433
	Bi	209	0.000134	mg/L	4047.96	0.001	24.558
	Th	232	0.000667	mg/L	12102.97	0.003	22.323
	U	238	-0.000077	mg/L	533.35	-0.000	17.886

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:43:01
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-ICV2.102
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	235567.16	235567.156	4.216
	Be	9	0.038330	mg/L	9994.60	0.042	1.077
	B	11	0.040037	mg/L	13439.40	0.054	5.409
	Na	23	0.339210	mg/L	1460977.26	1.630	0.763
	Mg	24	0.379645	mg/L	971567.59	1.176	1.226
	Al	27	0.188615	mg/L	758641.89	0.917	5.747
	Si	28	-0.029053	mg/L	125815.74	0.107	14.322
	K	39	0.409209	mg/L	4180841.13	3.283	14.138
	Ca	44	0.393511	mg/L	152948.82	0.099	12.924
>	Sc	45		mg/L	824206.28	824206.285	6.579
	Ti	47	0.041235	mg/L	23246.08	0.027	3.328
	V	51	0.042409	mg/L	301053.70	0.403	2.354
	Cr	52	0.041460	mg/L	316336.21	0.358	12.039
	Mn	55	0.042812	mg/L	474897.35	0.575	5.235
	Fe	57	0.160081	mg/L	64340.96	0.059	2.695
	Ni	58	0.039577	mg/L	214727.82	0.426	16.963
	Co	59	0.038373	mg/L	382774.62	0.798	7.277
	Ni	60	0.039412	mg/L	84763.27	0.176	3.156
	Ni	62	0.041370	mg/L	13156.01	0.027	3.978
	Cu	63	0.041104	mg/L	190345.14	0.395	3.711
	Cu	65	0.039084	mg/L	88101.20	0.183	10.721
	Zn	66	0.037388	mg/L	51009.85	0.105	10.594
	Zn	68	0.037300	mg/L	36894.77	0.075	6.522
	Ga	69	0.039445	mg/L	346616.83	0.718	0.784
>	Ge	72		mg/L	480046.00	480046.003	4.788
	As	75	0.041143	mg/L	57550.93	0.123	3.419
	Se	77	0.005253	mg/L	9347.57	0.004	46.605
	Se	82	0.038400	mg/L	5683.84	0.002	15.660
	Sr	88	0.039287	mg/L	756590.46	0.327	2.250
>	Y	89		mg/L	2311197.63	2311197.627	7.364
	Mo	95	0.044132	mg/L	123663.45	0.053	5.137
	Mo	98	0.042742	mg/L	193445.73	0.084	14.001
>	Rh	103		mg/L	1844207.86	1844207.861	3.164
	Ag	107	0.022568	mg/L	171025.93	0.093	7.951
	Ag	109	0.023129	mg/L	166470.88	0.090	9.027
	Cd	111	0.040811	mg/L	79040.51	0.043	7.940
	Cd	114	0.038892	mg/L	181371.07	0.098	2.760
>	In	115		mg/L	2359063.86	2359063.864	7.124
	Sn	118	0.039752	mg/L	232222.39	0.098	3.372
	Sn	120	0.041968	mg/L	331739.91	0.141	9.380
	Sb	121	0.045424	mg/L	287798.80	0.122	12.702
	Sb	123	0.045186	mg/L	219519.52	0.093	9.592
	Ba	135	0.037115	mg/L	68735.67	0.023	7.798

	Ba	137	0.037782	mg/L	120948.52	0.040	5.696
>	Tb	159		mg/L	2990732.13	2990732.135	2.822
>	Ho	165		mg/L	2944138.60	2944138.603	2.660
	Hg	202	0.023928	mg/L	143.00	0.000	46.016
	Tl	203	0.038211	mg/L	303723.99	0.103	1.166
	Tl	205	0.039693	mg/L	735459.39	0.250	6.630
	Pb	208	0.039864	mg/L	1001649.97	0.340	5.379
	Bi	209	0.037783	mg/L	822170.95	0.279	3.765
	Th	232	0.036297	mg/L	985152.59	0.333	3.048
	U	238	0.037045	mg/L	1022500.60	0.347	3.102

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:48:06
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\RINSE.103
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	216230.44	216230.440	3.730
	Be	9	-0.000123	mg/L	9.33	-0.000	22.692
	B	11	0.000962	mg/L	1443.46	0.003	14.139
	Na	23	-0.032639	mg/L	55476.23	-0.075	1.658
	Mg	24	-0.000580	mg/L	1927.56	-0.000	82.246
	Al	27	-0.000640	mg/L	4327.41	-0.001	63.466
	Si	28	-0.066781	mg/L	51403.81	0.016	47.414
	K	39	-0.031047	mg/L	1448883.58	-0.068	146.227
	Ca	44	-0.065083	mg/L	68821.20	-0.004	61.610
>	Sc	45		mg/L	833834.62	833834.617	3.264
	Ti	47	-0.000320	mg/L	1039.07	0.000	205.073
	V	51	0.004619	mg/L	-4630.66	0.033	23.825
	Cr	52	-0.002270	mg/L	15252.28	-0.010	12.780
	Mn	55	-0.000395	mg/L	2111.95	0.000	271.108
	Fe	57	-0.005024	mg/L	13785.93	-0.002	10.697
	Ni	58	-0.000596	mg/L	9262.15	-0.004	46.698
	Co	59	-0.000169	mg/L	816.71	0.001	16.495
	Ni	60	-0.000376	mg/L	132.34	-0.000	6.258
	Ni	62	-0.000571	mg/L	242.67	-0.000	25.223
	Cu	63	-0.000723	mg/L	585.69	-0.000	24.524
	Cu	65	-0.000547	mg/L	337.34	-0.000	30.486
	Zn	66	-0.000829	mg/L	1078.74	0.000	58.895
	Zn	68	-0.000958	mg/L	1083.74	0.000	48.442
	Ga	69	-0.000291	mg/L	1496.81	-0.001	35.205
>	Ge	72		mg/L	484041.61	484041.610	4.988
	As	75	0.001109	mg/L	523.29	0.004	7.001
	Se	77	-0.083914	mg/L	1043.40	-0.014	1.961
	Se	82	0.000164	mg/L	21.52	-0.000	306.638
	Sr	88	-0.000248	mg/L	720.37	-0.000	5.644
>	Y	89		mg/L	2327968.96	2327968.955	6.118
	Mo	95	0.001410	mg/L	4937.06	0.002	12.559
	Mo	98	0.001459	mg/L	7872.14	0.003	21.690
>	Rh	103		mg/L	1871585.08	1871585.077	4.763
	Ag	107	-0.000078	mg/L	984.73	0.000	34.027
	Ag	109	-0.000149	mg/L	922.72	0.000	34.906
	Cd	111	-0.000234	mg/L	77.00	-0.000	27.264
	Cd	114	-0.000054	mg/L	165.74	-0.000	26.359
>	In	115		mg/L	2410602.74	2410602.741	5.980
	Sn	118	-0.000026	mg/L	1489.81	0.000	18.044
	Sn	120	-0.000138	mg/L	2104.03	0.001	5.673
	Sb	121	0.001316	mg/L	13985.58	0.005	11.811
	Sb	123	0.001370	mg/L	10876.31	0.004	8.253
	Ba	135	-0.000046	mg/L	123.34	-0.000	35.699

	Ba	137	-0.000072	mg/L	193.76	-0.000	15.729
>	Tb	159		mg/L	3066870.64	3066870.641	2.341
>	Ho	165		mg/L	2988266.81	2988266.815	1.570
	Hg	202	0.000541	mg/L	47.67	-0.000	0.594
	Tl	203	0.000362	mg/L	3151.25	0.001	10.401
	Tl	205	0.000266	mg/L	7694.68	0.002	10.550
	Pb	208	-0.000208	mg/L	2485.83	0.000	60.729
	Bi	209	0.000036	mg/L	1778.53	0.000	68.475
	Th	232	0.000592	mg/L	9696.34	0.002	19.177
	U	238	-0.000084	mg/L	327.01	-0.000	7.614

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:53:10
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV1.104
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	227094.36	227094.363	3.574
	Be	9	0.038825	mg/L	9761.01	0.043	3.434
	B	11	0.040382	mg/L	13071.54	0.054	4.747
	Na	23	0.342659	mg/L	1554963.87	1.646	3.521
	Mg	24	0.380788	mg/L	1029043.54	1.180	8.360
	Al	27	0.184836	mg/L	786452.09	0.898	2.797
	Si	28	-0.031252	mg/L	128637.35	0.102	7.365
	K	39	0.366132	mg/L	4134428.46	2.956	15.402
	Ca	44	0.361592	mg/L	155443.86	0.092	7.913
>	Sc	45		mg/L	869323.43	869323.429	2.382
	Ti	47	0.040417	mg/L	24058.52	0.026	6.592
	V	51	0.041187	mg/L	307600.09	0.391	13.967
	Cr	52	0.038716	mg/L	314875.64	0.335	8.149
	Mn	55	0.041008	mg/L	480446.54	0.551	9.725
	Fe	57	0.158368	mg/L	67270.32	0.059	3.279
	Ni	58	0.041651	mg/L	225643.02	0.448	12.972
	Co	59	0.040390	mg/L	402647.50	0.840	8.726
	Ni	60	0.039376	mg/L	84736.35	0.176	1.079
	Ni	62	0.039812	mg/L	12681.66	0.026	1.607
	Cu	63	0.041721	mg/L	193235.70	0.401	2.160
	Cu	65	0.040902	mg/L	92186.53	0.192	8.785
	Zn	66	0.039215	mg/L	53402.93	0.110	10.555
	Zn	68	0.038477	mg/L	37980.94	0.077	8.411
	Ga	69	0.039618	mg/L	348231.25	0.721	1.701
>	Ge	72		mg/L	480242.65	480242.652	5.174
	As	75	0.041737	mg/L	58469.75	0.124	0.918
	Se	77	0.013258	mg/L	10105.39	0.005	28.032
	Se	82	0.040566	mg/L	5937.25	0.003	11.988
	Sr	88	0.039385	mg/L	747757.66	0.328	3.566
>	Y	89		mg/L	2281499.42	2281499.420	7.653
	Mo	95	0.042809	mg/L	118609.77	0.052	2.076
	Mo	98	0.043476	mg/L	194570.96	0.085	9.768
>	Rh	103		mg/L	1967281.27	1967281.266	6.895
	Ag	107	0.020946	mg/L	169225.63	0.086	6.552
	Ag	109	0.020534	mg/L	157301.34	0.080	12.906
	Cd	111	0.037696	mg/L	77633.71	0.040	11.672
	Cd	114	0.037570	mg/L	186385.04	0.095	6.492
>	In	115		mg/L	2469684.44	2469684.445	5.677
	Sn	118	0.039152	mg/L	239941.95	0.097	1.114
	Sn	120	0.039511	mg/L	327620.06	0.133	7.985
	Sb	121	0.041555	mg/L	276525.96	0.112	12.194
	Sb	123	0.041680	mg/L	212580.79	0.086	9.182
	Ba	135	0.038568	mg/L	72379.02	0.024	11.074

	Ba	137	0.038437	mg/L	124730.16	0.041	9.608
>	Tb	159		mg/L	3039293.04	3039293.043	5.610
>	Ho	165		mg/L	3027993.32	3027993.323	0.373
	Hg	202	0.021586	mg/L	137.34	0.000	37.039
	Tl	203	0.038511	mg/L	314786.38	0.104	5.947
	Tl	205	0.038679	mg/L	738009.17	0.243	1.536
	Pb	208	0.038928	mg/L	1007124.33	0.332	2.427
	Bi	209	0.037920	mg/L	847972.62	0.280	6.558
	Th	232	0.036639	mg/L	1022259.55	0.337	5.836
	U	238	0.036294	mg/L	1030917.78	0.340	0.337

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 17:58:15
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB1.105
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	226093.08	226093.083	5.022
	Be	9	-0.000087	mg/L	18.33	0.000	902.261
	B	11	-0.000279	mg/L	1143.08	0.002	13.069
	Na	23	-0.030979	mg/L	64479.77	-0.068	2.392
	Mg	24	-0.000412	mg/L	2461.69	0.000	67.106
	Al	27	-0.000413	mg/L	5476.05	0.001	106.440
	Si	28	-0.071322	mg/L	44210.80	0.005	144.948
	K	39	-0.039561	mg/L	1453659.35	-0.133	99.544
	Ca	44	-0.043938	mg/L	75882.86	0.000	1019.449
>	Sc	45		mg/L	870220.55	870220.553	4.958
	Ti	47	-0.000170	mg/L	1166.75	0.000	109.085
	V	51	0.002420	mg/L	-22687.23	0.011	259.624
	Cr	52	-0.001141	mg/L	24111.56	-0.000	1444.438
	Mn	55	-0.000415	mg/L	1967.23	-0.000	1066.690
	Fe	57	-0.000466	mg/L	15867.03	-0.001	53.444
	Ni	58	-0.000290	mg/L	10557.91	-0.001	177.210
	Co	59	-0.000209	mg/L	404.01	0.000	249.460
	Ni	60	-0.000334	mg/L	215.67	-0.000	178.609
	Ni	62	-0.000593	mg/L	229.34	-0.000	11.507
	Cu	63	-0.000680	mg/L	760.37	0.000	65.106
	Cu	65	-0.000496	mg/L	439.68	-0.000	761.533
	Zn	66	-0.001016	mg/L	811.38	-0.000	196.833
	Zn	68	-0.000910	mg/L	1096.74	0.000	83.372
	Ga	69	-0.000146	mg/L	2688.42	0.002	20.573
>	Ge	72		mg/L	470892.86	470892.859	4.175
	As	75	0.000009	mg/L	-1008.36	0.001	282.110
	Se	77	-0.022179	mg/L	6667.18	-0.002	54.842
	Se	82	0.000319	mg/L	43.77	0.000	32.062
	Sr	88	-0.000225	mg/L	1103.08	0.000	1718.455
>	Y	89		mg/L	2240610.99	2240610.991	6.990
	Mo	95	0.000793	mg/L	3111.90	0.001	10.001
	Mo	98	0.000846	mg/L	4937.45	0.002	8.325
>	Rh	103		mg/L	1899685.21	1899685.209	3.876
	Ag	107	-0.000100	mg/L	831.38	0.000	61.844
	Ag	109	-0.000171	mg/L	777.04	0.000	56.254
	Cd	111	-0.000213	mg/L	118.34	0.000	243.487
	Cd	114	-0.000033	mg/L	268.13	0.000	150.348
>	In	115		mg/L	2457563.78	2457563.776	6.369
	Sn	118	-0.000008	mg/L	1610.16	0.000	23.528
	Sn	120	-0.000139	mg/L	2117.38	0.001	28.973
	Sb	121	0.001733	mg/L	16930.09	0.006	19.614
	Sb	123	0.001751	mg/L	12969.24	0.005	16.705
	Ba	135	-0.000020	mg/L	161.00	0.000	1263.585

	Ba	137	-0.000040	mg/L	280.79	0.000	61.718
>	Tb	159		mg/L	2878992.64	2878992.639	3.160
>	Ho	165		mg/L	2965916.54	2965916.536	3.295
	Hg	202	0.014989	mg/L	107.34	0.000	18469.740
	Tl	203	0.000190	mg/L	1750.52	0.000	4.639
	Tl	205	0.000077	mg/L	4128.98	0.001	11.288
	Pb	208	-0.000248	mg/L	1435.39	0.000	54.491
	Bi	209	0.000091	mg/L	2965.18	0.001	22.891
	Th	232	0.000816	mg/L	15753.94	0.004	15.979
	U	238	-0.000059	mg/L	1002.73	0.000	37.950

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 18:59:19
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV2.117
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	148674.68	148674.684	2.921
	Be	9	0.047099	mg/L	7740.71	0.052	2.960
	B	11	0.049522	mg/L	10295.62	0.066	10.407
	Na	23	0.411323	mg/L	1394376.17	1.961	2.937
	Mg	24	0.460044	mg/L	945832.90	1.425	2.573
	Al	27	0.217445	mg/L	703184.55	1.057	7.496
	Si	28	-0.016281	mg/L	121964.95	0.138	10.646
	K	39	0.462957	mg/L	3643468.25	3.693	4.652
	Ca	44	0.496644	mg/L	138803.08	0.122	0.744
>	Sc	45		mg/L	662823.12	662823.125	2.827
	Ti	47	0.041041	mg/L	18585.16	0.027	2.477
	V	51	0.036605	mg/L	203806.74	0.346	12.761
	Cr	52	0.039823	mg/L	246193.62	0.344	8.399
	Mn	55	0.041613	mg/L	372368.98	0.559	4.561
	Fe	57	0.166020	mg/L	53212.79	0.061	6.911
	Ni	58	0.042168	mg/L	180229.72	0.454	5.028
	Co	59	0.038220	mg/L	300785.91	0.795	3.179
	Ni	60	0.039258	mg/L	66507.54	0.176	3.838
	Ni	62	0.040929	mg/L	10238.53	0.026	2.581
	Cu	63	0.043225	mg/L	157318.74	0.415	9.344
	Cu	65	0.041670	mg/L	74008.42	0.195	7.256
	Zn	66	0.039443	mg/L	42376.33	0.110	3.486
	Zn	68	0.038733	mg/L	30150.57	0.078	0.815
	Ga	69	0.038080	mg/L	263558.50	0.693	3.981
>	Ge	72		mg/L	377750.88	377750.881	1.639
	As	75	0.042337	mg/L	46656.42	0.126	4.198
	Se	77	0.050753	mg/L	10720.43	0.013	8.480
	Se	82	0.038559	mg/L	4709.84	0.002	4.799
	Sr	88	0.039805	mg/L	628632.31	0.331	2.409
>	Y	89		mg/L	1893835.19	1893835.185	2.394
	Mo	95	0.044141	mg/L	101475.63	0.053	6.705
	Mo	98	0.043587	mg/L	162521.83	0.085	7.958
>	Rh	103		mg/L	1616157.65	1616157.651	2.514
	Ag	107	0.021647	mg/L	144073.14	0.089	2.980
	Ag	109	0.022492	mg/L	142170.13	0.088	1.226
	Cd	111	0.042852	mg/L	72743.61	0.045	6.502
	Cd	114	0.041888	mg/L	170932.51	0.106	8.868
>	In	115		mg/L	2254463.89	2254463.890	1.824
	Sn	118	0.038224	mg/L	213729.35	0.095	2.795
	Sn	120	0.039417	mg/L	299150.30	0.132	5.475
	Sb	121	0.041199	mg/L	251448.32	0.111	3.483
	Sb	123	0.042521	mg/L	198627.55	0.087	3.612
	Ba	135	0.038052	mg/L	68562.92	0.024	3.841

	Ba	137	0.038303	mg/L	119231.14	0.041	2.492
>	Tb	159		mg/L	2905557.62	2905557.616	0.721
>	Ho	165		mg/L	2905128.56	2905128.555	5.248
	Hg	202	0.020944	mg/L	129.67	0.000	62.579
	Tl	203	0.035476	mg/L	277598.00	0.096	6.958
	Tl	205	0.035835	mg/L	653694.99	0.225	11.254
	Pb	208	0.036693	mg/L	910380.16	0.313	2.465
	Bi	209	0.035498	mg/L	761650.78	0.262	0.534
	Th	232	0.033137	mg/L	884862.16	0.304	5.567
	U	238	0.032596	mg/L	885654.72	0.306	9.669

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB2
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:04:24
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB2.118
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	147575.14	147575.145	4.404
	Be	9	-0.000089	mg/L	11.67	0.000	3741.548
	B	11	0.000337	mg/L	864.72	0.002	28.873
	Na	23	-0.024323	mg/L	69838.33	-0.037	6.237
	Mg	24	0.000027	mg/L	2797.80	0.001	25.867
	Al	27	-0.000207	mg/L	4869.36	0.002	32.494
	Si	28	-0.064213	mg/L	45327.21	0.022	39.916
	K	39	0.012778	mg/L	1381761.82	0.266	36.314
	Ca	44	0.071344	mg/L	75585.41	0.026	13.302
>	Sc	45		mg/L	667177.76	667177.756	3.366
	Ti	47	0.000479	mg/L	1176.42	0.001	18.429
	V	51	-0.002219	mg/L	-48162.58	-0.034	38.579
	Cr	52	0.000025	mg/L	25036.41	0.010	34.073
	Mn	55	-0.000371	mg/L	1894.55	0.001	23.223
	Fe	57	0.004507	mg/L	13406.71	0.001	51.444
	Ni	58	0.000320	mg/L	10613.97	0.005	40.846
	Co	59	-0.000212	mg/L	291.01	-0.000	81.195
	Ni	60	-0.000323	mg/L	185.00	0.000	182.426
	Ni	62	-0.000337	mg/L	238.67	0.000	199.490
	Cu	63	-0.000698	mg/L	533.02	-0.000	1426.706
	Cu	65	-0.000441	mg/L	435.35	0.000	54.022
	Zn	66	-0.000923	mg/L	724.04	0.000	71.888
	Zn	68	-0.000399	mg/L	1221.43	0.001	6.086
	Ga	69	0.000012	mg/L	3141.57	0.004	5.993
>	Ge	72		mg/L	366392.71	366392.709	3.360
	As	75	-0.000685	mg/L	-1544.70	-0.002	94.822
	Se	77	0.017719	mg/L	8039.30	0.006	13.856
	Se	82	0.000056	mg/L	4.51	-0.000	176.637
	Sr	88	-0.000217	mg/L	1039.40	0.000	69.991
>	Y	89		mg/L	1846643.72	1846643.725	6.886
	Mo	95	0.000277	mg/L	1416.79	0.000	17.101
	Mo	98	0.000352	mg/L	2289.30	0.001	17.863
>	Rh	103		mg/L	1687223.63	1687223.630	1.900
	Ag	107	-0.000141	mg/L	455.68	0.000	110.706
	Ag	109	-0.000218	mg/L	386.01	0.000	103.889
	Cd	111	-0.000220	mg/L	93.67	-0.000	118.299
	Cd	114	-0.000034	mg/L	234.15	0.000	82.618
>	In	115		mg/L	2261217.75	2261217.748	4.251
	Sn	118	-0.000109	mg/L	924.39	0.000	31.137
	Sn	120	-0.000218	mg/L	1359.95	0.000	40.878
	Sb	121	0.000980	mg/L	11115.31	0.004	19.255
	Sb	123	0.001053	mg/L	8748.70	0.003	18.177
	Ba	135	-0.000028	mg/L	147.34	-0.000	233.559

	Ba	137	-0.000046	mg/L	260.45	0.000	13.934
>	Tb	159		mg/L	2866142.96	2866142.965	1.449
>	Ho	165		mg/L	2886199.99	2886199.994	3.268
	Hg	202	0.016424	mg/L	110.00	0.000	104.826
	Tl	203	0.000094	mg/L	957.73	0.000	13.894
	Tl	205	-0.000022	mg/L	2220.30	0.000	32.160
	Pb	208	-0.000258	mg/L	1161.04	-0.000	110.940
	Bi	209	0.000046	mg/L	1914.22	0.000	61.723
	Th	232	0.000695	mg/L	12098.93	0.003	17.382
	U	238	-0.000066	mg/L	776.04	0.000	779.208

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:09:28
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-BLK1.119
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 31

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	136399.26	136399.258	4.350
	Be	9	-0.000095	mg/L	10.00	-0.000	284.129
	B	11	0.001830	mg/L	1076.43	0.004	120.316
	Na	23	-0.023617	mg/L	62802.52	-0.034	18.982
	Mg	24	0.002488	mg/L	6862.06	0.009	27.113
	Al	27	0.005159	mg/L	19320.02	0.028	83.177
	Si	28	-0.062293	mg/L	42216.83	0.026	26.112
	K	39	0.050831	mg/L	1373690.95	0.555	19.686
	Ca	44	0.156101	mg/L	77030.58	0.046	19.357
>	Sc	45		mg/L	582136.16	582136.162	4.368
	Ti	47	0.000617	mg/L	1076.74	0.001	13.625
	V	51	0.000248	mg/L	-28117.41	-0.010	19.333
	Cr	52	-0.000442	mg/L	19569.59	0.006	41.277
	Mn	55	0.000033	mg/L	4786.31	0.006	7.221
	Fe	57	0.008727	mg/L	12607.55	0.003	11.333
	Ni	58	0.000353	mg/L	10191.81	0.006	22.527
	Co	59	-0.000233	mg/L	128.00	-0.000	4.558
	Ni	60	-0.000158	mg/L	430.01	0.001	8.375
	Ni	62	-0.000108	mg/L	277.01	0.000	50.750
	Cu	63	-0.000652	mg/L	655.36	0.000	40.880
	Cu	65	-0.000385	mg/L	503.69	0.001	22.065
	Zn	66	0.003980	mg/L	5335.29	0.014	3.787
	Zn	68	0.004326	mg/L	4364.76	0.011	2.286
	Ga	69	-0.000073	mg/L	2441.69	0.003	11.372
>	Ge	72		mg/L	347305.65	347305.647	2.407
	As	75	0.000187	mg/L	-571.96	0.001	76.949
	Se	77	-0.030545	mg/L	4357.09	-0.003	19.824
	Se	82	-0.000119	mg/L	-14.99	-0.000	70.418
	Sr	88	-0.000177	mg/L	1561.86	0.000	150.637
>	Y	89		mg/L	1735883.96	1735883.962	1.272
	Mo	95	-0.000093	mg/L	552.69	0.000	173.624
	Mo	98	-0.000027	mg/L	859.15	0.000	202.342
>	Rh	103		mg/L	1566548.13	1566548.131	2.920
	Ag	107	-0.000181	mg/L	165.00	-0.000	11.172
	Ag	109	-0.000255	mg/L	131.67	-0.000	9.804
	Cd	111	-0.000243	mg/L	49.33	-0.000	17.928
	Cd	114	-0.000066	mg/L	94.01	-0.000	12.614
>	In	115		mg/L	2012713.61	2012713.611	5.898
	Sn	118	-0.000135	mg/L	697.03	0.000	20.536
	Sn	120	-0.000256	mg/L	961.90	0.000	39.458
	Sb	121	-0.000322	mg/L	2971.18	0.001	21.167
	Sb	123	-0.000298	mg/L	2288.34	0.000	1.226
	Ba	135	0.000006	mg/L	194.67	0.000	17.189

	Ba	137	-0.000028	mg/L	296.52	0.000	35.266
>	Tb	159		mg/L	2701559.34	2701559.336	4.535
>	Ho	165		mg/L	2656446.71	2656446.708	5.503
	Hg	202	0.003337	mg/L	52.67	-0.000	11.133
	Tl	203	0.000059	mg/L	629.03	0.000	5.775
	Tl	205	-0.000055	mg/L	1487.14	0.000	35.525
	Pb	208	-0.000252	mg/L	1211.04	0.000	172.379
	Bi	209	-0.000021	mg/L	463.68	-0.000	2.705
	Th	232	0.000360	mg/L	2870.82	0.000	60.160
	U	238	-0.000089	mg/L	149.00	-0.000	3.893

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-BS1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:14:33
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-BS1.120
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 32

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	157447.00	157446.999	4.812
	Be	9	0.222470	mg/L	38638.12	0.245	1.009
	B	11	0.218349	mg/L	45182.79	0.284	4.942
	Na	23	2.282342	mg/L	6728248.26	10.543	2.767
	Mg	24	2.214503	mg/L	4320898.26	6.854	2.587
	Al	27	1.101141	mg/L	3359511.98	5.340	5.280
	Si	28	0.184501	mg/L	421124.97	0.625	10.746
	K	39	2.246952	mg/L	11973978.52	17.273	10.046
	Ca	44	2.314696	mg/L	389782.19	0.533	5.592
>	Sc	45		mg/L	629672.83	629672.826	5.692
	Ti	47	0.199061	mg/L	82202.54	0.129	2.492
	V	51	0.193369	mg/L	1160984.86	1.883	2.439
	Cr	52	0.211078	mg/L	1135560.90	1.783	11.089
	Mn	55	0.207112	mg/L	1735122.38	2.761	7.577
	Fe	57	0.798000	mg/L	198519.72	0.297	2.123
	Ni	58	0.197132	mg/L	800902.41	2.114	14.401
	Co	59	0.190035	mg/L	1478783.85	3.936	9.105
	Ni	60	0.199260	mg/L	333618.62	0.885	0.918
	Ni	62	0.207022	mg/L	50400.12	0.133	2.403
	Cu	63	0.208013	mg/L	742945.00	1.974	5.265
	Cu	65	0.197514	mg/L	344091.24	0.916	11.454
	Zn	66	0.192392	mg/L	198645.54	0.528	13.153
	Zn	68	0.193547	mg/L	143482.28	0.380	10.903
	Ga	69	0.192581	mg/L	1315617.66	3.489	2.217
>	Ge	72		mg/L	376964.94	376964.939	6.390
	As	75	0.206858	mg/L	230434.07	0.615	5.083
	Se	77	0.219967	mg/L	23024.72	0.045	14.104
	Se	82	0.187746	mg/L	22174.12	0.012	13.032
	Sr	88	0.211434	mg/L	3218443.43	1.752	0.716
>	Y	89		mg/L	1836644.74	1836644.744	4.759
	Mo	95	0.216639	mg/L	479982.75	0.261	3.837
	Mo	98	0.213048	mg/L	765985.93	0.417	6.420
>	Rh	103		mg/L	1567234.00	1567234.001	3.252
	Ag	107	0.108971	mg/L	697257.01	0.445	4.867
	Ag	109	0.113571	mg/L	688239.69	0.440	8.707
	Cd	111	0.214314	mg/L	350930.49	0.224	5.852
	Cd	114	0.201837	mg/L	798873.58	0.509	2.610
>	In	115		mg/L	2090596.96	2090596.963	5.733
	Sn	118	0.197774	mg/L	1018175.52	0.488	5.316
	Sn	120	0.206112	mg/L	1434689.99	0.688	8.442
	Sb	121	0.244375	mg/L	1353445.47	0.649	10.764
	Sb	123	0.246947	mg/L	1048562.69	0.502	8.017
	Ba	135	0.198982	mg/L	330932.18	0.123	7.180

	Ba	137	0.195329	mg/L	561171.10	0.209	5.312
>	Tb	159		mg/L	2690518.50	2690518.497	2.047
>	Ho	165		mg/L	2660440.77	2660440.771	4.182
	Hg	202	0.013774	mg/L	91.67	-0.000	20.836
	Tl	203	0.177488	mg/L	1273902.88	0.479	2.972
	Tl	205	0.199207	mg/L	3324495.69	1.251	5.681
	Pb	208	0.197876	mg/L	4462296.22	1.680	6.002
	Bi	209	0.186563	mg/L	3663719.12	1.376	2.839
	Th	232	0.185080	mg/L	4559206.16	1.714	3.414
	U	238	0.187852	mg/L	4669627.23	1.758	7.427

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:19:38
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-01RE1.121
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 33

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	175448.44	175448.439	2.199
	Be	9	-0.000065	mg/L	18.67	0.000	20.031
	B	11	0.556849	mg/L	126964.63	0.721	8.980
	Na	23	S	mg/L	S	S	S
	Mg	24	50.170780	mg/L	109083653.63	155.248	7.765
	Al	27	0.404405	mg/L	1382203.59	1.963	10.799
	Si	28	9.959917	mg/L	17131322.64	24.330	6.700
	K	39	S	mg/L	S	S	S
	Ca	44	90.466459	mg/L	14468310.09	20.445	4.486
>	Sc	45		mg/L	703924.05	703924.047	3.691
	Ti	47	0.012354	mg/L	6654.17	0.008	3.448
	V	51	0.010110	mg/L	33639.72	0.087	30.853
	Cr	52	0.004919	mg/L	55301.79	0.051	12.111
	Mn	55	0.443627	mg/L	4164226.76	5.908	3.642
	Fe	57	5.458362	mg/L	1444014.60	2.032	1.952
	Ni	58	0.080745	mg/L	349977.56	0.867	3.668
	Co	59	0.001132	mg/L	11241.41	0.028	7.006
	Ni	60	0.034899	mg/L	61555.77	0.156	4.671
	Ni	62	0.038835	mg/L	10132.09	0.025	3.045
	Cu	63	0.006994	mg/L	29180.87	0.073	5.723
	Cu	65	0.006292	mg/L	12719.03	0.031	3.366
	Zn	66	0.136251	mg/L	148004.58	0.375	2.346
	Zn	68	0.136721	mg/L	106591.39	0.269	5.797
	Ga	69	0.001301	mg/L	12530.10	0.028	6.803
>	Ge	72		mg/L	393122.68	393122.684	1.805
	As	75	0.006494	mg/L	6723.61	0.020	8.697
	Se	77	0.009532	mg/L	8003.60	0.004	6.624
	Se	82	0.010859	mg/L	1306.04	0.001	6.239
	Sr	88	0.347126	mg/L	5361237.36	2.875	6.337
>	Y	89		mg/L	1865084.75	1865084.746	1.044
	Mo	95	0.199585	mg/L	449617.66	0.241	5.285
	Mo	98	0.195068	mg/L	713772.09	0.382	4.229
>	Rh	103		mg/L	1561433.52	1561433.521	4.720
	Ag	107	-0.000016	mg/L	1223.77	0.001	42.196
	Ag	109	-0.000085	mg/L	1159.09	0.001	35.208
	Cd	111	0.001243	mg/L	2464.03	0.002	11.635
	Cd	114	0.001256	mg/L	5281.65	0.003	12.034
>	In	115		mg/L	2132882.40	2132882.399	1.616
	Sn	118	0.005832	mg/L	32091.59	0.015	3.780
	Sn	120	0.005970	mg/L	45303.16	0.021	4.673
	Sb	121	0.000460	mg/L	7572.23	0.003	6.337
	Sb	123	0.000486	mg/L	5815.52	0.002	10.800
	Ba	135	0.046362	mg/L	74403.00	0.029	2.545

	Ba	137	0.046375	mg/L	128370.87	0.050	9.343
>	Tb	159		mg/L	2591293.86	2591293.858	3.907
>	Ho	165		mg/L	2566300.31	2566300.311	2.748
	Hg	202	0.207734	mg/L	783.71	0.000	4.940
	Tl	203	0.000504	mg/L	3682.13	0.001	22.797
	Tl	205	0.000422	mg/L	9107.43	0.003	23.688
	Pb	208	0.009168	mg/L	206067.07	0.080	0.724
	Bi	209	0.000225	mg/L	5089.19	0.001	32.498
	Th	232	0.001624	mg/L	32785.18	0.012	30.892
	U	238	0.000752	mg/L	20303.94	0.008	10.535

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-02RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:24:44
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-02RE1.122
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 34

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	158811.93	158811.928	1.479
	Be	9	0.001715	mg/L	43.33	0.000	14.048
	B	11	0.795626	mg/L	9021.92	0.053	9.217
	Na	23	755.167264	mg/L	112151507.31	173.266	2.656
	Mg	24	88.036809	mg/L	8812095.27	13.622	4.239
	Al	27	2.078856	mg/L	331296.92	0.506	6.264
	Si	28	21.455663	mg/L	1827671.82	2.779	5.965
	K	39	14.940873	mg/L	4956711.25	5.855	3.834
	Ca	44	55.087757	mg/L	465291.76	0.632	6.806
>	Sc	45		mg/L	647056.64	647056.637	2.761
	Ti	47	0.008064	mg/L	1105.08	0.001	57.870
	V	51	0.071074	mg/L	-10228.61	0.022	34.248
	Cr	52	-0.031616	mg/L	15582.17	-0.004	34.502
	Mn	55	6.302167	mg/L	2716321.90	4.198	7.911
	Fe	57	8.199566	mg/L	110639.35	0.152	4.494
	Ni	58	0.062011	mg/L	22573.25	0.035	15.188
	Co	59	-0.003400	mg/L	640.70	0.001	18.645
	Ni	60	-0.004884	mg/L	330.01	0.000	35.258
	Ni	62	-0.004857	mg/L	274.01	0.000	48.714
	Cu	63	-0.007707	mg/L	1697.84	0.003	5.601
	Cu	65	-0.007528	mg/L	573.36	0.001	17.800
	Zn	66	-0.014224	mg/L	984.06	0.001	13.717
	Zn	68	-0.011170	mg/L	1162.09	0.001	20.919
	Ga	69	-0.000162	mg/L	3155.92	0.004	18.337
>	Ge	72		mg/L	384951.15	384951.154	4.584
	As	75	0.022050	mg/L	407.33	0.004	16.462
	Se	77	-1.490695	mg/L	1532.15	-0.012	4.321
	Se	82	0.010684	mg/L	61.18	0.000	80.566
	Sr	88	0.448871	mg/L	347804.10	0.188	7.637
>	Y	89		mg/L	1853649.35	1853649.354	5.044
	Mo	95	0.032253	mg/L	4394.46	0.002	20.235
	Mo	98	0.032138	mg/L	6835.45	0.003	19.595
>	Rh	103		mg/L	1541357.07	1541357.070	5.075
	Ag	107	-0.003756	mg/L	122.67	-0.000	4.568
	Ag	109	-0.005207	mg/L	97.67	-0.000	6.853
	Cd	111	-0.004792	mg/L	54.00	-0.000	5.636
	Cd	114	-0.001142	mg/L	125.09	-0.000	34.686
>	In	115		mg/L	2103748.32	2103748.318	5.578
	Sn	118	-0.002471	mg/L	792.04	0.000	23.196
	Sn	120	-0.004748	mg/L	1140.92	0.000	16.943
	Sb	121	-0.013900	mg/L	1032.07	-0.000	6.415
	Sb	123	-0.013223	mg/L	841.12	-0.000	10.305
	Ba	135	0.124363	mg/L	10801.19	0.004	8.831

	Ba	137	0.122642	mg/L	18443.14	0.007	11.775
>	Tb	159		mg/L	2768449.51	2768449.507	5.053
>	Ho	165		mg/L	2758900.58	2758900.582	2.323
	Hg	202	0.053282	mg/L	52.33	-0.000	18.790
	Tl	203	0.004185	mg/L	1768.86	0.000	15.491
	Tl	205	0.001942	mg/L	4182.34	0.001	11.691
	Pb	208	-0.002856	mg/L	3808.01	0.001	3.942
	Bi	209	-0.000459	mg/L	433.01	-0.000	2.914
	Th	232	0.006206	mg/L	1721.51	-0.000	15.397
	U	238	-0.001555	mg/L	451.68	-0.000	22.627

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-05RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:29:50
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-05RE1.123
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 35

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	168175.15	168175.146	2.893
	Be	9	-0.000579	mg/L	24.67	0.000	20.955
	B	11	0.489124	mg/L	6219.86	0.033	8.525
	Na	23	132.680454	mg/L	20889811.48	30.504	1.296
	Mg	24	78.188263	mg/L	8251862.45	12.099	4.353
	Al	27	1.798043	mg/L	302804.09	0.438	3.111
	Si	28	19.411246	mg/L	1756489.07	2.531	3.124
	K	39	1.780688	mg/L	1808383.13	0.846	12.346
	Ca	44	52.752923	mg/L	472263.98	0.606	4.885
>	Sc	45		mg/L	681674.67	681674.670	1.302
	Ti	47	0.002460	mg/L	1044.07	0.000	49.794
	V	51	0.085446	mg/L	-6026.36	0.029	23.250
	Cr	52	-0.039912	mg/L	14054.66	-0.007	4.655
	Mn	55	2.018763	mg/L	920309.97	1.349	6.570
	Fe	57	69.258562	mg/L	891272.12	1.289	1.669
	Ni	58	0.765578	mg/L	177498.14	0.412	11.976
	Co	59	0.186577	mg/L	80766.60	0.197	10.781
	Ni	60	0.221998	mg/L	20881.50	0.051	4.294
	Ni	62	0.237643	mg/L	3466.36	0.008	4.854
	Cu	63	-0.012632	mg/L	850.05	0.001	5.073
	Cu	65	-0.007333	mg/L	626.03	0.001	21.644
	Zn	66	0.138103	mg/L	9522.42	0.022	9.984
	Zn	68	0.131341	mg/L	6910.03	0.015	10.041
	Ga	69	-0.004681	mg/L	1682.51	-0.000	471.364
>	Ge	72		mg/L	408718.08	408718.081	4.308
	As	75	0.020456	mg/L	336.02	0.004	12.958
	Se	77	-1.630686	mg/L	1070.74	-0.013	1.623
	Se	82	0.002879	mg/L	16.32	-0.000	45.250
	Sr	88	0.238323	mg/L	199494.48	0.100	7.158
>	Y	89		mg/L	1982404.04	1982404.038	7.324
	Mo	95	0.005218	mg/L	1469.80	0.000	20.042
	Mo	98	0.006761	mg/L	2381.73	0.001	29.518
>	Rh	103		mg/L	1665987.57	1665987.572	6.171
	Ag	107	-0.003784	mg/L	121.67	-0.000	13.577
	Ag	109	-0.005270	mg/L	85.33	-0.000	3.993
	Cd	111	-0.004441	mg/L	88.67	-0.000	71.368
	Cd	114	-0.000853	mg/L	196.62	-0.000	33.034
>	In	115		mg/L	2266865.52	2266865.523	3.418
	Sn	118	-0.003192	mg/L	650.03	0.000	229.149
	Sn	120	-0.005951	mg/L	772.52	0.000	518.301
	Sb	121	-0.014889	mg/L	815.71	-0.001	6.206
	Sb	123	-0.014442	mg/L	624.52	-0.000	9.259
	Ba	135	0.019799	mg/L	1962.90	0.001	16.116

	Ba	137	0.018204	mg/L	3207.43	0.001	13.947
>	Tb	159		mg/L	2899412.47	2899412.475	6.016
>	Ho	165		mg/L	2829566.66	2829566.662	2.132
	Hg	202	0.015109	mg/L	46.00	-0.000	1.862
	Tl	203	0.003381	mg/L	1508.47	0.000	13.536
	Tl	205	0.001216	mg/L	3646.44	0.001	11.292
	Pb	208	-0.003656	mg/L	2947.22	0.001	7.426
	Bi	209	-0.000588	mg/L	309.34	-0.000	4.872
	Th	232	0.006345	mg/L	1946.56	-0.000	32.885
	U	238	-0.001724	mg/L	240.67	-0.000	3.438

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:34:57
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-DUP1.124
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 36

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	169311.44	169311.438	4.413
	Be	9	-0.000868	mg/L	22.00	0.000	59.957
	B	11	0.627929	mg/L	7764.73	0.042	8.929
	Na	23	136.296007	mg/L	21499054.55	31.333	3.445
	Mg	24	81.266841	mg/L	8583488.53	12.575	2.800
	Al	27	2.724668	mg/L	454921.69	0.663	9.815
	Si	28	18.644030	mg/L	1689162.27	2.438	11.727
	K	39	1.724732	mg/L	1793235.83	0.825	19.042
	Ca	44	55.365392	mg/L	492844.82	0.636	2.719
>	Sc	45		mg/L	682658.88	682658.884	5.294
	Ti	47	-0.001660	mg/L	953.39	0.000	59.449
	V	51	0.086610	mg/L	-5665.46	0.030	15.631
	Cr	52	-0.041602	mg/L	13547.57	-0.008	22.965
	Mn	55	2.066955	mg/L	942696.72	1.381	4.032
	Fe	57	73.968583	mg/L	952770.24	1.376	3.134
	Ni	58	0.842804	mg/L	187389.18	0.453	6.548
	Co	59	0.198781	mg/L	82888.02	0.210	1.534
	Ni	60	0.231530	mg/L	20959.42	0.053	4.420
	Ni	62	0.245082	mg/L	3432.68	0.008	3.745
	Cu	63	-0.012315	mg/L	876.38	0.001	5.281
	Cu	65	-0.006949	mg/L	638.70	0.001	3.833
	Zn	66	0.155293	mg/L	10098.38	0.024	6.205
	Zn	68	0.146140	mg/L	7233.95	0.016	1.123
	Ga	69	-0.004962	mg/L	1520.48	-0.000	79.683
>	Ge	72		mg/L	393236.69	393236.694	2.614
	As	75	0.021242	mg/L	371.60	0.004	11.366
	Se	77	-1.644542	mg/L	977.73	-0.013	0.828
	Se	82	0.002081	mg/L	10.39	-0.000	217.731
	Sr	88	0.266485	mg/L	212536.32	0.112	2.833
>	Y	89		mg/L	1886252.60	1886252.595	2.290
	Mo	95	0.000778	mg/L	901.39	0.000	22.845
	Mo	98	0.002375	mg/L	1475.12	0.000	24.871
>	Rh	103		mg/L	1618750.65	1618750.650	2.664
	Ag	107	-0.003798	mg/L	115.00	-0.000	6.917
	Ag	109	-0.005284	mg/L	78.67	-0.000	0.690
	Cd	111	-0.004416	mg/L	88.33	-0.000	147.282
	Cd	114	-0.000770	mg/L	208.26	-0.000	142.014
>	In	115		mg/L	2233722.26	2233722.264	2.918
	Sn	118	-0.003462	mg/L	565.69	-0.000	15670.451
	Sn	120	-0.006169	mg/L	678.83	-0.000	106.396
	Sb	121	-0.015301	mg/L	680.37	-0.001	9.751
	Sb	123	-0.014833	mg/L	526.38	-0.000	9.037
	Ba	135	0.022225	mg/L	2103.60	0.001	5.520

	Ba	137	0.021151	mg/L	3531.99	0.001	4.036
>	Tb	159		mg/L	2783250.93	2783250.927	1.060
>	Ho	165		mg/L	2750928.93	2750928.928	5.155
	Hg	202	0.007815	mg/L	43.33	-0.000	1.631
	Tl	203	0.003032	mg/L	1336.11	0.000	10.683
	Tl	205	0.000785	mg/L	3162.92	0.001	21.062
	Pb	208	-0.003183	mg/L	3409.62	0.001	7.976
	Bi	209	-0.000620	mg/L	268.34	-0.000	1.631
	Th	232	0.006157	mg/L	1649.83	-0.000	22.330
	U	238	-0.001709	mg/L	251.34	-0.000	5.657

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-PS1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:40:04
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-PS1.125
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 37

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	180234.73	180234.727	2.069
	Be	9	1.002983	mg/L	9994.93	0.055	3.552
	B	11	1.638312	mg/L	20033.31	0.108	7.681
	Na	23	167.926861	mg/L	27451204.12	38.587	2.693
	Mg	24	83.707370	mg/L	9175865.82	12.952	6.859
	Al	27	7.943295	mg/L	1369161.95	1.928	8.528
	Si	28	19.036951	mg/L	1794529.93	2.486	2.126
	K	39	51.210768	mg/L	15226761.07	19.660	3.546
	Ca	44	75.536900	mg/L	674109.13	0.863	3.692
>	Sc	45		mg/L	708979.42	708979.420	2.202
	Ti	47	0.927072	mg/L	22309.59	0.030	6.251
	V	51	0.966728	mg/L	299609.84	0.461	9.368
	Cr	52	0.918072	mg/L	299748.87	0.395	4.493
	Mn	55	3.036143	mg/L	1438293.71	2.025	3.547
	Fe	57	71.799741	mg/L	960547.95	1.336	0.321
	Ni	58	1.960503	mg/L	449297.91	1.052	5.590
	Co	59	1.049073	mg/L	455381.20	1.090	7.213
	Ni	60	1.464187	mg/L	136407.36	0.326	3.874
	Ni	62	1.553941	mg/L	21172.19	0.050	3.326
	Cu	63	1.829647	mg/L	364765.74	0.872	5.661
	Cu	65	1.770025	mg/L	172420.14	0.412	2.233
	Zn	66	3.771674	mg/L	216951.59	0.518	4.965
	Zn	68	3.612452	mg/L	149129.12	0.355	5.493
	Ga	69	0.902367	mg/L	344536.67	0.821	3.950
>	Ge	72		mg/L	417795.68	417795.681	2.415
	As	75	0.974952	mg/L	59561.92	0.145	4.813
	Se	77	-0.667895	mg/L	5012.10	-0.004	8.397
	Se	82	0.907542	mg/L	5662.95	0.003	7.650
	Sr	88	1.219502	mg/L	980963.33	0.507	4.356
>	Y	89		mg/L	1935955.22	1935955.217	2.718
	Mo	95	1.049452	mg/L	123353.81	0.063	3.501
	Mo	98	1.024856	mg/L	195418.83	0.100	2.217
>	Rh	103		mg/L	1649582.72	1649582.718	5.956
	Ag	107	0.659715	mg/L	223074.58	0.135	3.498
	Ag	109	0.679676	mg/L	217594.28	0.132	9.972
	Cd	111	1.008539	mg/L	86909.45	0.053	13.616
	Cd	114	0.998549	mg/L	207212.98	0.126	11.807
>	In	115		mg/L	2215303.62	2215303.617	1.458
	Sn	118	0.995718	mg/L	273172.33	0.123	4.944
	Sn	120	1.010155	mg/L	375941.89	0.169	1.359
	Sb	121	0.933419	mg/L	278997.25	0.125	7.636
	Sb	123	0.963126	mg/L	220242.76	0.099	9.837
	Ba	135	0.972026	mg/L	84178.18	0.030	8.315

	Ba	137	0.973612	mg/L	145296.26	0.052	14.608
>	Tb	159		mg/L	2805038.62	2805038.618	6.394
>	Ho	165		mg/L	2779587.35	2779587.354	3.583
	Hg	202	0.216433	mg/L	84.33	-0.000	18.981
	Tl	203	0.856156	mg/L	320393.52	0.115	10.888
	Tl	205	0.864621	mg/L	755304.18	0.272	8.922
	Pb	208	1.006473	mg/L	1193094.40	0.429	1.029
	Bi	209	0.841478	mg/L	863085.27	0.310	3.071
	Th	232	0.820849	mg/L	1049701.10	0.378	9.550
	U	238	0.808951	mg/L	1052258.34	0.379	8.555

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-06RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:45:10
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-06RE1.126
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 38

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	182730.69	182730.689	3.361
	Be	9	-0.002270	mg/L	9.67	-0.000	54.262
	B	11	0.564204	mg/L	7636.62	0.038	8.102
	Na	23	416.472185	mg/L	69687093.25	95.589	1.777
	Mg	24	44.228468	mg/L	4982651.49	6.844	2.266
	Al	27	2.085947	mg/L	373013.27	0.508	8.526
	Si	28	17.594214	mg/L	1706729.94	2.311	13.986
	K	39	5.538777	mg/L	2962991.12	2.277	16.906
	Ca	44	31.508262	mg/L	329295.26	0.366	7.030
>	Sc	45		mg/L	728413.81	728413.806	6.565
	Ti	47	-0.004287	mg/L	955.06	0.000	82.818
	V	51	0.091955	mg/L	-4166.93	0.033	8.783
	Cr	52	-0.045832	mg/L	13153.65	-0.010	17.893
	Mn	55	4.360736	mg/L	2111638.37	2.907	7.956
	Fe	57	154.845590	mg/L	2110961.94	2.882	2.244
	Ni	58	1.331822	mg/L	302358.83	0.715	6.820
	Co	59	-0.003871	mg/L	483.02	0.000	16.045
	Ni	60	-0.006632	mg/L	192.00	-0.000	244.608
	Ni	62	0.017964	mg/L	591.36	0.001	18.949
	Cu	63	-0.010002	mg/L	1359.45	0.002	10.626
	Cu	65	-0.008395	mg/L	527.35	0.000	35.503
	Zn	66	-0.012759	mg/L	1129.08	0.001	10.104
	Zn	68	-0.015595	mg/L	1060.74	0.001	13.854
	Ga	69	-0.004085	mg/L	1906.89	0.000	34.836
>	Ge	72		mg/L	409400.28	409400.275	1.598
	As	75	0.023140	mg/L	503.88	0.004	7.144
	Se	77	-1.669518	mg/L	918.39	-0.014	0.491
	Se	82	0.005246	mg/L	30.62	0.000	202.394
	Sr	88	0.255567	mg/L	211911.80	0.108	3.306
>	Y	89		mg/L	1963392.04	1963392.042	7.965
	Mo	95	0.010961	mg/L	2140.61	0.001	12.166
	Mo	98	0.012544	mg/L	3477.91	0.001	18.809
>	Rh	103		mg/L	1698734.63	1698734.629	0.663
	Ag	107	0.009431	mg/L	4703.39	0.003	41.889
	Ag	109	0.008123	mg/L	4482.60	0.002	41.802
	Cd	111	-0.004833	mg/L	56.00	-0.000	10.644
	Cd	114	-0.001239	mg/L	117.75	-0.000	6.629
>	In	115		mg/L	2297278.92	2297278.920	5.682
	Sn	118	0.003307	mg/L	2480.37	0.001	23.500
	Sn	120	0.000856	mg/L	3357.46	0.001	31.947
	Sb	121	0.034728	mg/L	15833.41	0.006	20.141
	Sb	123	0.036231	mg/L	12393.96	0.005	17.168
	Ba	135	0.086041	mg/L	7538.20	0.003	6.820

	Ba	137	0.085922	mg/L	13063.54	0.005	6.076
>	Tb	159		mg/L	2764950.25	2764950.247	1.622
>	Ho	165		mg/L	2814212.17	2814212.169	5.026
	Hg	202	0.044572	mg/L	51.67	-0.000	8.504
	Tl	203	0.002288	mg/L	1086.08	0.000	9.099
	Tl	205	0.000050	mg/L	2592.06	0.001	17.029
	Pb	208	-0.003264	mg/L	3389.28	0.001	9.599
	Bi	209	0.007432	mg/L	8608.25	0.003	23.156
	Th	232	0.012371	mg/L	9765.40	0.003	22.288
	U	238	-0.001734	mg/L	224.34	-0.000	7.807

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-10RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:50:16
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-10RE1.127
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 39

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	157912.59	157912.586	4.732
	Be	9	-0.000108	mg/L	9.33	-0.000	49.024
	B	11	0.199945	mg/L	41579.56	0.260	7.913
	Na	23	S	mg/L	S	S	S
	Mg	24	0.091266	mg/L	185943.11	0.284	8.281
	Al	27	0.020532	mg/L	69973.89	0.102	8.854
	Si	28	0.375475	mg/L	736715.65	1.088	3.699
	K	39	61.612210	mg/L	306278137.23	469.169	3.812
	Ca	44	449.664162	mg/L	66114850.13	101.583	3.825
>	Sc	45		mg/L	649912.62	649912.622	2.746
	Ti	47	0.000607	mg/L	1198.09	0.001	22.583
	V	51	-0.001332	mg/L	-41792.56	-0.026	164.765
	Cr	52	0.013335	mg/L	97077.24	0.121	2.123
	Mn	55	0.000045	mg/L	5451.69	0.006	4.577
	Fe	57	1.158325	mg/L	292062.59	0.431	3.008
	Ni	58	0.009021	mg/L	43333.73	0.099	9.025
	Co	59	0.002493	mg/L	20115.88	0.056	10.468
	Ni	60	0.020188	mg/L	32406.00	0.091	5.578
	Ni	62	0.006293	mg/L	1736.85	0.004	10.008
	Cu	63	0.007686	mg/L	28655.49	0.079	4.448
	Cu	65	0.004002	mg/L	7714.35	0.021	2.383
	Zn	66	0.001271	mg/L	2826.80	0.006	7.196
	Zn	68	0.017798	mg/L	13781.93	0.037	7.952
	Ga	69	0.017197	mg/L	113244.05	0.315	5.693
>	Ge	72		mg/L	354852.01	354852.008	3.662
	As	75	0.002450	mg/L	1803.75	0.008	18.737
	Se	77	0.069841	mg/L	11375.23	0.016	13.137
	Se	82	0.009708	mg/L	1137.59	0.001	4.300
	Sr	88	4.869658	mg/L	73234396.03	40.306	4.991
>	Y	89		mg/L	1818621.26	1818621.258	2.833
	Mo	95	0.004081	mg/L	9735.66	0.005	4.094
	Mo	98	0.003968	mg/L	15126.15	0.008	1.940
>	Rh	103		mg/L	1502000.08	1502000.075	4.866
	Ag	107	-0.000068	mg/L	854.39	0.000	70.350
	Ag	109	-0.000140	mg/L	793.38	0.000	72.952
	Cd	111	-0.000214	mg/L	92.33	0.000	1029.398
	Cd	114	-0.000040	mg/L	184.74	-0.000	275.298
>	In	115		mg/L	2144419.14	2144419.140	3.067
	Sn	118	0.000031	mg/L	1624.50	0.001	20.749
	Sn	120	-0.000090	mg/L	2216.80	0.001	12.894
	Sb	121	0.000571	mg/L	8247.49	0.003	2.887
	Sb	123	0.000679	mg/L	6686.43	0.002	7.046
	Ba	135	0.627246	mg/L	1112634.76	0.388	8.929

	Ba	137	0.624963	mg/L	1911635.64	0.667	13.671
>	Tb	159		mg/L	2876971.48	2876971.480	5.211
>	Ho	165		mg/L	2827269.05	2827269.046	3.944
	Hg	202	0.002160	mg/L	51.33	-0.000	14.227
	Tl	203	0.000099	mg/L	976.06	0.000	26.567
	Tl	205	-0.000015	mg/L	2302.98	0.000	19.859
	Pb	208	-0.000018	mg/L	6888.75	0.002	2.552
	Bi	209	0.000117	mg/L	3347.34	0.001	43.691
	Th	232	0.000388	mg/L	3789.17	0.000	56.921
	U	238	-0.000091	mg/L	121.34	-0.000	2.173

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-11RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 19:55:21
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-11RE1.128
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 40

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	177301.60	177301.596	2.247
	Be	9	-0.000117	mg/L	8.67	-0.000	18.641
	B	11	0.826663	mg/L	190288.78	1.069	2.706
	Na	23	33.593072	mg/L	122320082.84	154.160	2.394
	Mg	24	S	mg/L	S	S	S
	Al	27	0.003237	mg/L	18983.99	0.018	4.637
	Si	28	3.773856	mg/L	7402033.91	9.329	10.221
	K	39	S	mg/L	S	S	S
	Ca	44	28.697904	mg/L	5204389.79	6.493	4.991
>	Sc	45		mg/L	792135.25	792135.247	4.845
	Ti	47	0.001531	mg/L	1946.57	0.001	33.330
	V	51	-0.005995	mg/L	-85356.70	-0.071	92.950
	Cr	52	0.178423	mg/L	1213190.42	1.508	9.855
	Mn	55	0.006907	mg/L	78827.81	0.097	5.547
	Fe	57	0.316035	mg/L	107828.17	0.117	3.615
	Ni	58	0.006185	mg/L	39822.14	0.068	17.472
	Co	59	0.001645	mg/L	17029.12	0.038	9.262
	Ni	60	0.004340	mg/L	9229.46	0.021	3.665
	Ni	62	0.006373	mg/L	2161.28	0.004	10.947
	Cu	63	0.007572	mg/L	34655.63	0.078	2.335
	Cu	65	0.008569	mg/L	18611.59	0.042	10.150
	Zn	66	0.047691	mg/L	58426.82	0.133	12.804
	Zn	68	0.045496	mg/L	40428.77	0.091	5.549
	Ga	69	0.000394	mg/L	6737.23	0.011	5.192
>	Ge	72		mg/L	435314.09	435314.094	4.617
	As	75	0.006268	mg/L	7155.99	0.019	3.812
	Se	77	0.093960	mg/L	15982.22	0.021	14.967
	Se	82	0.028041	mg/L	4139.61	0.002	14.481
	Sr	88	0.112138	mg/L	2137153.46	0.930	4.088
>	Y	89		mg/L	2296527.09	2296527.091	4.676
	Mo	95	0.314203	mg/L	870138.26	0.379	2.518
	Mo	98	0.310291	mg/L	1392929.85	0.608	9.685
>	Rh	103		mg/L	1862752.20	1862752.197	2.870
	Ag	107	0.000029	mg/L	1795.86	0.001	3.009
	Ag	109	-0.000036	mg/L	1733.85	0.001	7.107
	Cd	111	0.001112	mg/L	2694.76	0.001	4.983
	Cd	114	0.000946	mg/L	4873.89	0.002	6.932
>	In	115		mg/L	2576924.19	2576924.186	7.504
	Sn	118	-0.000092	mg/L	1167.75	0.000	13.884
	Sn	120	-0.000205	mg/L	1674.11	0.000	28.451
	Sb	121	0.001872	mg/L	18678.73	0.006	14.443
	Sb	123	0.001908	mg/L	14414.00	0.005	9.258
	Ba	135	0.017465	mg/L	36254.12	0.011	8.305

	Ba	137	0.017725	mg/L	63631.33	0.019	3.619
>	Tb	159		mg/L	3337652.93	3337652.930	0.865
>	Ho	165		mg/L	3284968.00	3284967.996	3.394
	Hg	202	0.046237	mg/L	262.34	0.000	4.757
	Tl	203	0.000196	mg/L	1997.91	0.000	7.249
	Tl	205	0.000091	mg/L	4860.01	0.001	6.206
	Pb	208	0.001797	mg/L	58500.13	0.017	4.228
	Bi	209	0.000000	mg/L	1077.74	-0.000	24.863
	Th	232	0.000748	mg/L	15406.39	0.004	15.882
	U	238	0.000320	mg/L	12760.08	0.004	4.829

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:00:26
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\RINSE.129
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	139794.89	139794.894	5.601
	Be	9	-0.000114	mg/L	7.33	-0.000	90.336
	B	11	0.013034	mg/L	3117.91	0.019	19.345
	Na	23	-0.021829	mg/L	75577.43	-0.026	41.219
	Mg	24	0.002065	mg/L	6827.77	0.008	38.604
	Al	27	-0.000523	mg/L	3742.15	-0.000	5569.641
	Si	28	-0.056116	mg/L	56726.00	0.041	27.511
	K	39	0.022491	mg/L	1391727.28	0.340	52.479
	Ca	44	0.090488	mg/L	76250.55	0.031	36.702
>	Sc	45		mg/L	651224.96	651224.955	8.657
	Ti	47	0.000434	mg/L	1130.08	0.001	26.878
	V	51	0.004784	mg/L	-2547.04	0.034	15.402
	Cr	52	-0.000431	mg/L	21838.90	0.006	84.633
	Mn	55	-0.000394	mg/L	1646.17	0.000	255.055
	Fe	57	0.040557	mg/L	21798.14	0.015	15.055
	Ni	58	0.001041	mg/L	13686.12	0.013	8.735
	Co	59	-0.000183	mg/L	521.69	0.001	22.205
	Ni	60	-0.000370	mg/L	110.67	-0.000	10.155
	Ni	62	-0.000122	mg/L	294.01	0.000	1.899
	Cu	63	-0.000716	mg/L	476.35	-0.000	5.128
	Cu	65	-0.000458	mg/L	416.68	0.000	70.220
	Zn	66	-0.000756	mg/L	908.72	0.001	20.243
	Zn	68	-0.000700	mg/L	1025.40	0.001	14.543
	Ga	69	-0.000221	mg/L	1630.50	0.000	263.531
>	Ge	72		mg/L	372634.44	372634.441	5.483
	As	75	0.000885	mg/L	154.74	0.003	8.239
	Se	77	-0.080309	mg/L	1070.07	-0.013	2.295
	Se	82	-0.000029	mg/L	-5.08	-0.000	63.021
	Sr	88	-0.000230	mg/L	918.72	-0.000	183.192
>	Y	89		mg/L	2001021.30	2001021.295	11.161
	Mo	95	0.002101	mg/L	5969.12	0.003	24.251
	Mo	98	0.002130	mg/L	9483.19	0.004	28.808
>	Rh	103		mg/L	1788029.21	1788029.209	5.051
	Ag	107	-0.000191	mg/L	117.00	-0.000	2.812
	Ag	109	-0.000268	mg/L	63.67	-0.000	3.821
	Cd	111	-0.000234	mg/L	72.67	-0.000	26.262
	Cd	114	-0.000055	mg/L	156.70	-0.000	19.381
>	In	115		mg/L	2510743.67	2510743.668	7.320
	Sn	118	-0.000171	mg/L	647.36	0.000	581.477
	Sn	120	-0.000286	mg/L	950.53	0.000	111.461
	Sb	121	-0.000680	mg/L	1325.44	-0.000	13.605
	Sb	123	-0.000669	mg/L	961.42	-0.000	11.531
	Ba	135	-0.000049	mg/L	138.34	-0.000	22.352

	Ba	137	-0.000074	mg/L	221.72	-0.000	6.743
>	Tb	159		mg/L	3614907.01	3614907.013	4.770
>	Ho	165		mg/L	3481858.80	3481858.797	9.380
	Hg	202	-0.002370	mg/L	41.67	-0.000	5.491
	Tl	203	0.000121	mg/L	1397.46	0.000	31.956
	Tl	205	0.000009	mg/L	3330.65	0.001	37.905
	Pb	208	-0.000259	mg/L	1373.72	-0.000	281.831
	Bi	209	-0.000034	mg/L	262.67	-0.000	1.866
	Th	232	0.000258	mg/L	478.68	-0.001	1.537
	U	238	-0.000092	mg/L	116.00	-0.000	2.966

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:05:30
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV3.130
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	136762.21	136762.207	3.487
	Be	9	0.051180	mg/L	7741.05	0.057	3.663
	B	11	0.060408	mg/L	11408.62	0.080	6.635
	Na	23	0.438429	mg/L	1509663.49	2.086	0.700
	Mg	24	0.464294	mg/L	975821.75	1.438	6.535
	Al	27	0.227041	mg/L	750513.21	1.103	11.413
	Si	28	-0.011800	mg/L	131988.69	0.149	15.097
	K	39	0.464228	mg/L	3732967.44	3.702	3.716
	Ca	44	0.523385	mg/L	146024.26	0.129	1.981
>	Sc	45		mg/L	677743.71	677743.709	3.105
	Ti	47	0.041456	mg/L	19175.45	0.027	8.530
	V	51	0.032416	mg/L	180041.26	0.305	35.838
	Cr	52	0.042120	mg/L	264936.42	0.363	8.310
	Mn	55	0.040696	mg/L	372704.58	0.547	7.696
	Fe	57	0.196348	mg/L	62082.24	0.073	6.801
	Ni	58	0.044835	mg/L	194054.77	0.482	6.975
	Co	59	0.040080	mg/L	319721.31	0.834	10.026
	Ni	60	0.042226	mg/L	72460.87	0.189	8.901
	Ni	62	0.044550	mg/L	11294.80	0.029	1.809
	Cu	63	0.044984	mg/L	166569.77	0.432	6.131
	Cu	65	0.043837	mg/L	79153.21	0.205	3.861
	Zn	66	0.038100	mg/L	41629.65	0.107	4.828
	Zn	68	0.037643	mg/L	29765.19	0.076	10.558
	Ga	69	0.037049	mg/L	260033.06	0.675	8.554
>	Ge	72		mg/L	383696.03	383696.028	3.727
	As	75	0.042576	mg/L	47728.99	0.127	5.267
	Se	77	0.098612	mg/L	14466.99	0.022	2.767
	Se	82	0.039686	mg/L	4981.40	0.003	3.611
	Sr	88	0.041036	mg/L	665097.32	0.342	7.026
>	Y	89		mg/L	1944861.29	1944861.294	0.555
	Mo	95	0.046466	mg/L	109780.74	0.056	6.735
	Mo	98	0.045068	mg/L	172770.16	0.088	4.145
>	Rh	103		mg/L	1761603.12	1761603.122	5.222
	Ag	107	0.021915	mg/L	159011.13	0.090	1.910
	Ag	109	0.023136	mg/L	159144.99	0.090	4.128
	Cd	111	0.043309	mg/L	79946.71	0.045	10.431
	Cd	114	0.042764	mg/L	189928.55	0.108	11.785
>	In	115		mg/L	2546242.05	2546242.049	5.168
	Sn	118	0.038554	mg/L	243316.87	0.095	7.223
	Sn	120	0.040084	mg/L	343176.40	0.135	5.990
	Sb	121	0.042522	mg/L	292206.68	0.114	7.081
	Sb	123	0.044507	mg/L	233878.02	0.091	9.313
	Ba	135	0.040097	mg/L	85774.42	0.025	4.536

	Ba	137	0.038825	mg/L	143323.16	0.042	9.944
>	Tb	159		mg/L	3454970.01	3454970.009	6.137
>	Ho	165		mg/L	3452726.85	3452726.847	7.889
	Hg	202	0.019345	mg/L	144.67	0.000	106.135
	Tl	203	0.034017	mg/L	315097.83	0.092	13.765
	Tl	205	0.034776	mg/L	751646.59	0.219	14.447
	Pb	208	0.035692	mg/L	1051709.68	0.305	3.494
	Bi	209	0.033318	mg/L	847111.19	0.246	6.097
	Th	232	0.031636	mg/L	999140.86	0.290	12.665
	U	238	0.031339	mg/L	1007861.05	0.294	15.200

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:10:35
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB3.131
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	122738.88	122738.879	3.466
	Be	9	-0.000070	mg/L	12.33	0.000	168.027
	B	11	0.002949	mg/L	1132.08	0.006	19.725
	Na	23	-0.024109	mg/L	67102.76	-0.036	12.511
	Mg	24	0.000115	mg/L	2827.47	0.002	15.548
	Al	27	-0.000103	mg/L	4936.72	0.002	37.640
	Si	28	-0.061459	mg/L	47453.30	0.028	37.876
	K	39	0.019646	mg/L	1347803.93	0.318	37.734
	Ca	44	0.153003	mg/L	83559.78	0.045	17.995
>	Sc	45		mg/L	635584.04	635584.040	6.244
	Ti	47	0.000698	mg/L	1209.76	0.001	9.097
	V	51	-0.004353	mg/L	-59920.99	-0.055	41.231
	Cr	52	0.001389	mg/L	30998.92	0.021	32.212
	Mn	55	-0.000330	mg/L	2156.61	0.001	12.147
	Fe	57	0.027876	mg/L	18278.90	0.010	5.707
	Ni	58	0.000760	mg/L	11675.95	0.010	10.603
	Co	59	-0.000204	mg/L	334.34	0.000	57.009
	Ni	60	-0.000333	mg/L	159.67	-0.000	142.271
	Ni	62	-0.000226	mg/L	250.01	0.000	10.070
	Cu	63	-0.000691	mg/L	523.69	0.000	147.215
	Cu	65	-0.000472	mg/L	362.68	0.000	27.075
	Zn	66	-0.000947	mg/L	662.70	0.000	14.212
	Zn	68	-0.000400	mg/L	1154.08	0.001	4.825
	Ga	69	0.000034	mg/L	3101.23	0.005	4.225
>	Ge	72		mg/L	346110.93	346110.929	2.375
	As	75	-0.001391	mg/L	-2187.47	-0.004	43.576
	Se	77	0.067897	mg/L	10976.74	0.016	8.826
	Se	82	0.000108	mg/L	10.74	-0.000	68.005
	Sr	88	-0.000219	mg/L	985.73	0.000	45.315
>	Y	89		mg/L	1801043.79	1801043.786	0.947
	Mo	95	0.000573	mg/L	2020.25	0.001	12.302
	Mo	98	0.000641	mg/L	3248.83	0.001	14.224
>	Rh	103		mg/L	1674298.13	1674298.128	4.898
	Ag	107	-0.000139	mg/L	466.35	0.000	124.275
	Ag	109	-0.000210	mg/L	430.68	0.000	80.320
	Cd	111	-0.000212	mg/L	106.34	0.000	166.188
	Cd	114	-0.000035	mg/L	228.60	0.000	253.793
>	In	115		mg/L	2377776.68	2377776.678	1.878
	Sn	118	-0.000064	mg/L	1238.10	0.000	18.344
	Sn	120	-0.000196	mg/L	1615.62	0.000	28.614
	Sb	121	0.001008	mg/L	11898.30	0.004	14.005
	Sb	123	0.001082	mg/L	9368.24	0.003	13.707
	Ba	135	-0.000020	mg/L	187.67	0.000	970.469

	Ba	137	-0.000045	mg/L	307.40	0.000	119.898
>	Tb	159		mg/L	3331426.13	3331426.126	3.052
>	Ho	165		mg/L	3271231.72	3271231.716	7.022
	Hg	202	0.013159	mg/L	110.34	-0.000	133.931
	Tl	203	0.000070	mg/L	863.72	0.000	49.776
	Tl	205	-0.000043	mg/L	2074.59	0.000	47.890
	Pb	208	-0.000259	mg/L	1285.72	-0.000	104.819
	Bi	209	0.000049	mg/L	2245.97	0.000	65.011
	Th	232	0.000722	mg/L	14437.47	0.003	25.580
	U	238	-0.000067	mg/L	847.71	-0.000	695.181

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-12RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:15:39
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-12RE1.132
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 41

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	178633.55	178633.553	6.508
	Be	9	0.004813	mg/L	978.73	0.005	2.183
	B	11	0.005783	mg/L	2289.98	0.009	17.786
	Na	23	S	mg/L	S	S	S
	Mg	24	75.791996	mg/L	212953626.53	234.530	6.248
	Al	27	1.720474	mg/L	7542512.95	8.342	14.903
	Si	28	26.061427	mg/L	57190951.79	63.375	18.263
	K	39	0.820717	mg/L	7438136.26	6.416	17.216
	Ca	44	19.254658	mg/L	4043887.47	4.360	3.609
>	Sc	45		mg/L	911229.81	911229.807	8.559
	Ti	47	0.003382	mg/L	3308.97	0.002	12.742
	V	51	-0.003650	mg/L	-79185.20	-0.048	16.441
	Cr	52	0.000857	mg/L	40273.96	0.017	40.803
	Mn	55	0.571476	mg/L	6923898.71	7.609	5.520
	Fe	57	11.929664	mg/L	4067300.38	4.441	2.341
	Ni	58	0.520781	mg/L	2555707.89	5.581	9.654
	Co	59	0.268807	mg/L	2545009.08	5.566	2.009
	Ni	60	0.374131	mg/L	759855.84	1.660	3.000
	Ni	62	0.416628	mg/L	122653.18	0.267	3.500
	Cu	63	0.002479	mg/L	14377.86	0.030	7.475
	Cu	65	0.002509	mg/L	6762.93	0.014	12.985
	Zn	66	0.678694	mg/L	847835.04	1.856	6.626
	Zn	68	0.651539	mg/L	584003.50	1.275	0.769
	Ga	69	0.000341	mg/L	6638.16	0.010	3.782
>	Ge	72		mg/L	457214.92	457214.917	4.691
	As	75	0.001322	mg/L	809.75	0.004	44.282
	Se	77	0.061524	mg/L	13907.11	0.015	15.506
	Se	82	0.003878	mg/L	840.62	0.000	8.608
	Sr	88	0.167615	mg/L	4695265.94	1.389	3.426
>	Y	89		mg/L	3377938.16	3377938.160	4.722
	Mo	95	-0.000046	mg/L	1269.77	0.000	26.363
	Mo	98	0.000019	mg/L	1982.75	0.000	23.813
>	Rh	103		mg/L	1817968.81	1817968.814	4.005
	Ag	107	-0.000171	mg/L	271.67	-0.000	33.180
	Ag	109	-0.000247	mg/L	210.34	-0.000	16.440
	Cd	111	0.001236	mg/L	2862.48	0.002	6.762
	Cd	114	0.001425	mg/L	6931.65	0.004	9.286
>	In	115		mg/L	2635909.15	2635909.154	4.638
	Sn	118	-0.000136	mg/L	908.39	0.000	51.500
	Sn	120	-0.000262	mg/L	1207.14	0.000	51.704
	Sb	121	-0.000124	mg/L	5265.58	0.001	20.662
	Sb	123	-0.000069	mg/L	4217.21	0.001	10.249
	Ba	135	0.016260	mg/L	33363.57	0.010	5.462

	Ba	137	0.014170	mg/L	50327.72	0.015	4.008
>	Tb	159		mg/L	3296453.94	3296453.942	1.550
>	Ho	165		mg/L	3305024.78	3305024.777	6.328
	Hg	202	0.004911	mg/L	72.67	-0.000	12.397
	Tl	203	0.000070	mg/L	878.72	0.000	25.345
	Tl	205	-0.000043	mg/L	2106.27	0.000	51.241
	Pb	208	0.002245	mg/L	71299.79	0.021	5.346
	Bi	209	-0.000014	mg/L	747.70	-0.000	6.520
	Th	232	0.000713	mg/L	14304.86	0.003	25.436
	U	238	0.000811	mg/L	27875.79	0.008	14.222

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-13RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:20:45
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-13RE1.133
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 42

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	141535.48	141535.478	1.404
	Be	9	-0.000068	mg/L	14.67	0.000	126.592
	B	11	1.015970	mg/L	186386.56	1.314	8.551
	Na	23	S	mg/L	S	S	S
	Mg	24	S	mg/L	S	S	S
	Al	27	0.006466	mg/L	24118.93	0.034	7.405
	Si	28	8.552892	mg/L	12753922.84	20.918	5.761
	K	39	72.530737	mg/L	337296320.27	552.282	2.211
	Ca	44	102.037248	mg/L	14093289.21	23.059	5.257
>	Sc	45		mg/L	608649.64	608649.638	1.296
	Ti	47	0.003388	mg/L	2219.63	0.002	13.675
	V	51	-0.009142	mg/L	-85618.25	-0.102	49.475
	Cr	52	0.001943	mg/L	32674.01	0.026	11.445
	Mn	55	0.509399	mg/L	4131555.26	6.783	4.963
	Fe	57	18.289704	mg/L	4155925.21	6.808	2.735
	Ni	58	0.148140	mg/L	555104.27	1.589	3.769
	Co	59	0.001358	mg/L	11437.34	0.032	12.010
	Ni	60	0.006560	mg/L	10668.72	0.031	9.769
	Ni	62	0.526911	mg/L	116668.62	0.338	35.259
	Cu	63	0.078316	mg/L	258069.78	0.747	26.598
	Cu	65	0.002539	mg/L	5158.18	0.014	2.417
	Zn	66	0.004329	mg/L	5617.46	0.015	5.546
	Zn	68	0.005422	mg/L	5061.13	0.013	8.500
	Ga	69	0.002916	mg/L	21029.86	0.057	6.717
>	Ge	72		mg/L	344460.45	344460.455	2.915
	As	75	0.019207	mg/L	18881.88	0.058	5.367
	Se	77	0.091432	mg/L	12503.39	0.020	3.620
	Se	82	0.039646	mg/L	4586.11	0.003	7.957
	Sr	88	1.674337	mg/L	24860415.34	13.860	7.051
>	Y	89		mg/L	1795345.34	1795345.339	3.137
	Mo	95	0.001137	mg/L	3235.61	0.002	2.720
	Mo	98	0.000953	mg/L	4334.62	0.002	1.333
>	Rh	103		mg/L	1411823.07	1411823.074	4.152
	Ag	107	-0.000171	mg/L	208.34	-0.000	16.339
	Ag	109	-0.000244	mg/L	177.67	-0.000	24.853
	Cd	111	-0.000240	mg/L	48.67	-0.000	13.339
	Cd	114	-0.000055	mg/L	121.94	-0.000	27.162
>	In	115		mg/L	2201335.91	2201335.906	0.290
	Sn	118	-0.000122	mg/L	834.05	0.000	22.747
	Sn	120	-0.000253	mg/L	1076.93	0.000	33.711
	Sb	121	-0.000027	mg/L	4979.41	0.001	6.882
	Sb	123	0.000036	mg/L	3994.20	0.001	3.125
	Ba	135	0.107140	mg/L	188198.36	0.066	4.033

	Ba	137	0.104102	mg/L	315404.54	0.111	10.596
>	Tb	159		mg/L	2841035.67	2841035.673	4.058
>	Ho	165		mg/L	2781378.51	2781378.506	3.716
	Hg	202	0.003137	mg/L	54.67	-0.000	33.866
	Tl	203	0.000023	mg/L	387.68	-0.000	38.175
	Tl	205	-0.000091	mg/L	941.06	-0.000	57.207
	Pb	208	-0.000260	mg/L	1078.04	-0.000	36.528
	Bi	209	0.000004	mg/L	982.73	-0.000	25.547
	Th	232	0.000394	mg/L	3875.54	0.000	60.133
	U	238	-0.000031	mg/L	1677.17	0.000	14.061

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-14RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:25:50
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-14RE1.134
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 43

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	191828.87	191828.873	3.423
	Be	9	-0.000110	mg/L	11.00	-0.000	43.046
	B	11	0.407181	mg/L	101712.77	0.528	10.664
	Na	23	S	mg/L	S	S	S
	Mg	24	0.272918	mg/L	699815.39	0.846	3.613
	Al	27	0.105494	mg/L	426307.77	0.514	11.162
	Si	28	5.666906	mg/L	11430265.61	13.919	15.304
	K	39	S	mg/L	S	S	S
	Ca	44	281.039947	mg/L	52332451.66	63.493	5.734
>	Sc	45		mg/L	826144.91	826144.911	10.120
	Ti	47	0.002082	mg/L	2316.66	0.002	11.350
	V	51	0.084085	mg/L	635815.60	0.812	9.190
	Cr	52	0.000666	mg/L	35205.98	0.015	40.720
	Mn	55	0.000948	mg/L	16763.29	0.018	9.030
	Fe	57	0.660964	mg/L	218970.19	0.246	4.988
	Ni	58	0.031345	mg/L	162791.22	0.338	12.770
	Co	59	0.000583	mg/L	7774.75	0.016	10.658
	Ni	60	0.038998	mg/L	78923.15	0.174	3.268
	Ni	62	0.068984	mg/L	20381.56	0.044	9.440
	Cu	63	0.003253	mg/L	17505.38	0.037	6.654
	Cu	65	0.002922	mg/L	7544.91	0.016	17.079
	Zn	66	0.003697	mg/L	6580.12	0.013	9.843
	Zn	68	0.002243	mg/L	3835.51	0.006	1.853
	Ga	69	0.001472	mg/L	15798.56	0.031	2.696
>	Ge	72		mg/L	451272.91	451272.911	2.549
	As	75	0.014392	mg/L	18306.14	0.043	4.260
	Se	77	0.023781	mg/L	10420.79	0.007	42.423
	Se	82	0.008285	mg/L	1304.12	0.001	30.131
	Sr	88	0.589059	mg/L	11965207.22	4.877	4.016
>	Y	89		mg/L	2452332.38	2452332.384	3.232
	Mo	95	0.764396	mg/L	2258192.54	0.922	5.717
	Mo	98	0.764517	mg/L	3666651.19	1.498	11.667
>	Rh	103		mg/L	1870745.61	1870745.614	3.731
	Ag	107	-0.000164	mg/L	334.68	-0.000	67.258
	Ag	109	-0.000244	mg/L	237.34	-0.000	15.297
	Cd	111	0.002526	mg/L	5477.38	0.003	6.357
	Cd	114	0.001797	mg/L	8910.66	0.005	17.105
>	In	115		mg/L	2625229.60	2625229.597	8.659
	Sn	118	-0.000113	mg/L	1048.74	0.000	23.702
	Sn	120	-0.000240	mg/L	1395.32	0.000	33.521
	Sb	121	0.000178	mg/L	7324.36	0.002	14.643
	Sb	123	0.000202	mg/L	5644.16	0.001	6.969
	Ba	135	0.009384	mg/L	20236.45	0.006	4.963

	Ba	137	0.009665	mg/L	36028.75	0.010	3.819
>	Tb	159		mg/L	3444525.31	3444525.310	3.148
>	Ho	165		mg/L	3322590.42	3322590.416	9.536
	Hg	202	0.958702	mg/L	4531.54	0.001	10.971
	Tl	203	0.000470	mg/L	4467.15	0.001	2.899
	Tl	205	0.000381	mg/L	10886.96	0.003	11.853
	Pb	208	-0.000155	mg/L	4225.09	0.001	9.214
	Bi	209	-0.000025	mg/L	471.02	-0.000	1.201
	Th	232	0.000353	mg/L	3408.35	0.000	167.353
	U	238	-0.000089	mg/L	185.00	-0.000	2.278

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-15RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:30:55
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-15RE1.135
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 44

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	189648.24	189648.241	2.219
	Be	9	-0.000084	mg/L	16.33	0.000	351.052
	B	11	0.460280	mg/L	113589.45	0.596	10.525
	Na	23	S	mg/L	S	S	S
	Mg	24	94.934048	mg/L	233664530.34	293.762	4.276
	Al	27	0.006460	mg/L	31294.90	0.034	54.199
	Si	28	10.814529	mg/L	20986847.34	26.402	11.482
	K	39	58.450179	mg/L	355620653.27	445.099	3.239
	Ca	44	98.633355	mg/L	17848827.64	22.290	3.934
>	Sc	45		mg/L	796545.88	796545.879	5.261
	Ti	47	0.003980	mg/L	3201.60	0.003	12.813
	V	51	-0.001788	mg/L	-55346.00	-0.030	128.093
	Cr	52	0.002370	mg/L	45436.26	0.029	25.607
	Mn	55	0.171492	mg/L	1825127.95	2.287	2.487
	Fe	57	0.433606	mg/L	143492.72	0.161	5.692
	Ni	58	0.007488	mg/L	45317.14	0.082	2.630
	Co	59	0.002446	mg/L	23901.68	0.055	4.818
	Ni	60	0.007913	mg/L	15868.11	0.037	10.441
	Ni	62	0.039621	mg/L	11251.07	0.026	3.703
	Cu	63	0.011336	mg/L	49354.76	0.114	6.764
	Cu	65	0.001054	mg/L	3474.03	0.007	3.802
	Zn	66	0.004288	mg/L	6944.39	0.014	0.970
	Zn	68	0.006378	mg/L	7102.18	0.015	3.808
	Ga	69	0.002795	mg/L	25247.30	0.055	3.676
>	Ge	72		mg/L	428370.80	428370.799	1.634
	As	75	0.017713	mg/L	21592.27	0.053	2.001
	Se	77	0.095519	mg/L	15888.71	0.021	9.312
	Se	82	0.029538	mg/L	4444.48	0.002	7.082
	Sr	88	1.161093	mg/L	22445744.95	9.612	6.763
>	Y	89		mg/L	2334950.59	2334950.590	3.018
	Mo	95	0.008886	mg/L	26064.66	0.011	16.100
	Mo	98	0.008743	mg/L	41342.35	0.017	16.088
>	Rh	103		mg/L	1759785.85	1759785.853	5.958
	Ag	107	-0.000182	mg/L	181.67	-0.000	8.846
	Ag	109	-0.000257	mg/L	135.00	-0.000	1.877
	Cd	111	-0.000209	mg/L	117.00	0.000	82.739
	Cd	114	-0.000039	mg/L	222.57	-0.000	376.442
>	In	115		mg/L	2543425.18	2543425.177	3.445
	Sn	118	0.000053	mg/L	2058.92	0.001	5.002
	Sn	120	-0.000074	mg/L	2760.25	0.001	9.791
	Sb	121	-0.000435	mg/L	3001.19	0.000	25.242
	Sb	123	-0.000410	mg/L	2312.78	0.000	25.272
	Ba	135	0.112115	mg/L	214018.08	0.069	1.808

	Ba	137	0.113292	mg/L	372977.62	0.121	7.786
>	Tb	159		mg/L	3086310.52	3086310.521	5.121
>	Ho	165		mg/L	3036405.56	3036405.559	5.734
	Hg	202	0.015463	mg/L	112.00	0.000	620.604
	Tl	203	0.000020	mg/L	397.35	-0.000	19.107
	Tl	205	-0.000095	mg/L	934.06	-0.000	33.930
	Pb	208	-0.000194	mg/L	2871.87	0.001	2.278
	Bi	209	-0.000021	mg/L	531.35	-0.000	7.185
	Th	232	0.000301	mg/L	1626.83	-0.000	14.114
	U	238	0.000008	mg/L	2915.83	0.001	18.386

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-20RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:36:01
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-20RE1.136
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 45

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	158511.50	158511.496	1.759
	Be	9	-0.000066	mg/L	16.67	0.000	48.281
	B	11	0.053173	mg/L	11743.70	0.071	2.544
	Na	23	S	mg/L	S	S	S
	Mg	24	0.063737	mg/L	127443.41	0.199	1.238
	Al	27	0.006142	mg/L	24146.54	0.032	16.229
	Si	28	1.445233	mg/L	2354228.62	3.682	8.027
	K	39	S	mg/L	S	S	S
	Ca	44	584.948313	mg/L	83564845.04	132.141	4.755
>	Sc	45		mg/L	632802.14	632802.143	4.313
	Ti	47	0.001490	mg/L	1532.48	0.001	12.952
	V	51	0.047275	mg/L	261427.51	0.451	2.513
	Cr	52	0.000230	mg/L	24848.21	0.011	22.757
	Mn	55	0.000801	mg/L	11643.57	0.016	8.005
	Fe	57	1.554009	mg/L	379585.00	0.578	20.066
	Ni	58	0.007119	mg/L	33930.76	0.078	11.781
	Co	59	0.000777	mg/L	7085.84	0.020	7.211
	Ni	60	0.020884	mg/L	31530.30	0.094	3.486
	Ni	62	0.163763	mg/L	35352.77	0.105	14.664
	Cu	63	0.018641	mg/L	61476.25	0.183	7.799
	Cu	65	0.006169	mg/L	10594.28	0.031	4.903
	Zn	66	0.007525	mg/L	8351.25	0.023	5.629
	Zn	68	0.001917	mg/L	2621.74	0.006	1.240
	Ga	69	0.000777	mg/L	7475.15	0.018	1.476
>	Ge	72		mg/L	333546.29	333546.295	2.272
	As	75	0.022154	mg/L	21215.49	0.066	2.979
	Se	77	0.071201	mg/L	10789.52	0.016	12.388
	Se	82	0.056937	mg/L	6339.87	0.004	7.333
	Sr	88	2.517044	mg/L	35993444.41	20.834	1.946
>	Y	89		mg/L	1727924.50	1727924.500	3.345
	Mo	95	1.132462	mg/L	2358845.28	1.365	2.199
	Mo	98	1.163444	mg/L	3934079.12	2.279	5.106
>	Rh	103		mg/L	1447301.56	1447301.556	2.491
	Ag	107	-0.000185	mg/L	134.00	-0.000	14.641
	Ag	109	-0.000258	mg/L	102.67	-0.000	16.488
	Cd	111	0.003317	mg/L	5427.34	0.004	2.358
	Cd	114	0.002430	mg/L	9200.20	0.006	5.348
>	In	115		mg/L	2139179.36	2139179.362	7.574
	Sn	118	-0.000165	mg/L	583.69	0.000	155.275
	Sn	120	-0.000283	mg/L	826.04	0.000	91.812
	Sb	121	0.000551	mg/L	8058.66	0.003	18.907
	Sb	123	0.000644	mg/L	6480.13	0.002	16.959
	Ba	135	0.027650	mg/L	46640.79	0.017	9.250

	Ba	137	0.027369	mg/L	79841.27	0.029	6.778
>	Tb	159		mg/L	2722669.22	2722669.224	3.095
>	Ho	165		mg/L	2733243.88	2733243.879	3.134
	Hg	202	0.611705	mg/L	2381.00	0.001	6.596
	Tl	203	0.000013	mg/L	309.34	-0.000	19.575
	Tl	205	-0.000103	mg/L	709.04	-0.000	24.813
	Pb	208	-0.000155	mg/L	3490.30	0.001	6.957
	Bi	209	-0.000020	mg/L	482.02	-0.000	3.162
	Th	232	0.000348	mg/L	2652.75	-0.000	1031.959
	U	238	-0.000089	mg/L	163.67	-0.000	3.889

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-45RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:41:06
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-45RE1.137
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 46

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	203850.54	203850.541	3.984
	Be	9	-0.000104	mg/L	13.00	-0.000	59.784
	B	11	0.573160	mg/L	151929.24	0.742	1.840
	Na	23	S	mg/L	S	S	S
	Mg	24	48.994910	mg/L	127648333.42	151.610	2.904
	Al	27	0.005055	mg/L	27482.52	0.027	19.200
	Si	28	9.454624	mg/L	19403075.89	23.104	10.839
	K	39	S	mg/L	S	S	S
	Ca	44	84.481256	mg/L	16090992.16	19.093	7.555
>	Sc	45		mg/L	841161.16	841161.163	5.313
	Ti	47	0.001804	mg/L	2203.96	0.001	12.318
	V	51	-0.002088	mg/L	-58767.24	-0.033	110.066
	Cr	52	0.001840	mg/L	44294.32	0.025	21.947
	Mn	55	0.310220	mg/L	3465676.25	4.133	10.470
	Fe	57	0.264169	mg/L	97981.66	0.098	10.317
	Ni	58	0.030781	mg/L	163309.24	0.332	6.849
	Co	59	0.000929	mg/L	11221.03	0.024	3.423
	Ni	60	0.033407	mg/L	69122.48	0.150	4.358
	Ni	62	0.042965	mg/L	13097.34	0.028	11.402
	Cu	63	0.001955	mg/L	12220.39	0.025	9.704
	Cu	65	0.002006	mg/L	5751.21	0.012	9.445
	Zn	66	0.010760	mg/L	15560.16	0.032	9.993
	Zn	68	0.009574	mg/L	10494.49	0.021	5.099
	Ga	69	0.000701	mg/L	9686.26	0.017	0.725
>	Ge	72		mg/L	460236.88	460236.876	3.536
	As	75	0.003238	mg/L	3423.73	0.010	18.542
	Se	77	0.054643	mg/L	13403.03	0.013	14.490
	Se	82	0.010243	mg/L	1556.96	0.001	15.989
	Sr	88	0.313178	mg/L	6145907.96	2.594	2.790
>	Y	89		mg/L	2370674.57	2370674.570	5.267
	Mo	95	0.159559	mg/L	456804.78	0.192	1.947
	Mo	98	0.155058	mg/L	719715.44	0.304	6.247
>	Rh	103		mg/L	1802963.39	1802963.388	3.185
	Ag	107	-0.000186	mg/L	154.00	-0.000	5.589
	Ag	109	-0.000261	mg/L	108.67	-0.000	6.550
	Cd	111	0.000291	mg/L	1060.41	0.001	9.832
	Cd	114	0.000303	mg/L	1784.56	0.001	3.004
>	In	115		mg/L	2496884.67	2496884.672	5.939
	Sn	118	-0.000059	mg/L	1332.44	0.000	6.820
	Sn	120	-0.000164	mg/L	1966.91	0.000	5.388
	Sb	121	-0.000053	mg/L	5443.69	0.001	22.584
	Sb	123	-0.000039	mg/L	4136.09	0.001	18.129
	Ba	135	0.030651	mg/L	60321.61	0.019	11.129

	Ba	137	0.029996	mg/L	102166.74	0.032	6.939
>	Tb	159		mg/L	3182207.39	3182207.392	4.430
>	Ho	165		mg/L	3145389.93	3145389.931	0.493
	Hg	202	0.136654	mg/L	648.70	0.000	12.608
	Tl	203	0.000021	mg/L	420.01	-0.000	12.321
	Tl	205	-0.000097	mg/L	949.73	-0.000	27.272
	Pb	208	-0.000125	mg/L	4827.55	0.001	3.532
	Bi	209	-0.000027	mg/L	397.68	-0.000	3.465
	Th	232	0.000321	mg/L	2283.31	-0.000	43.803
	U	238	0.000598	mg/L	20391.72	0.006	2.149

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-46RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:46:12
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-46RE1.138
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 47

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	182771.16	182771.160	4.113
	Be	9	0.002089	mg/L	53.67	0.000	8.982
	B	11	0.806076	mg/L	10503.18	0.054	3.574
	Na	23	754.392064	mg/L	126070838.32	173.088	1.516
	Mg	24	87.808099	mg/L	9898757.01	13.587	5.322
	Al	27	2.422335	mg/L	433022.60	0.590	1.455
	Si	28	21.727064	mg/L	2076238.52	2.812	6.904
	K	39	15.515821	mg/L	5725450.95	6.074	8.436
	Ca	44	56.299000	mg/L	532692.14	0.646	5.987
>	Sc	45		mg/L	727525.07	727525.067	3.490
	Ti	47	0.002712	mg/L	1119.08	0.000	57.076
	V	51	0.069293	mg/L	-12225.61	0.022	34.091
	Cr	52	-0.027727	mg/L	18703.09	-0.002	67.354
	Mn	55	6.633486	mg/L	3209948.43	4.419	8.518
	Fe	57	8.424795	mg/L	127489.91	0.156	0.925
	Ni	58	0.064676	mg/L	25807.98	0.037	19.213
	Co	59	-0.003472	mg/L	683.37	0.001	14.291
	Ni	60	-0.004535	mg/L	401.01	0.000	5.098
	Ni	62	0.046453	mg/L	1012.73	0.002	5.734
	Cu	63	-0.003007	mg/L	2848.47	0.005	2.111
	Cu	65	0.000357	mg/L	1422.46	0.002	9.954
	Zn	66	-0.004977	mg/L	1640.50	0.002	12.069
	Zn	68	-0.010243	mg/L	1337.11	0.001	23.692
	Ga	69	-0.000781	mg/L	3286.63	0.003	21.162
>	Ge	72		mg/L	429808.06	429808.064	3.928
	As	75	0.019173	mg/L	276.53	0.003	10.693
	Se	77	-1.447569	mg/L	1890.88	-0.011	4.785
	Se	82	0.019028	mg/L	129.99	0.000	11.655
	Sr	88	0.443931	mg/L	400121.67	0.186	7.751
>	Y	89		mg/L	2157783.93	2157783.926	6.719
	Mo	95	0.054215	mg/L	7948.91	0.003	13.764
	Mo	98	0.054616	mg/L	12647.52	0.005	19.099
>	Rh	103		mg/L	1694257.44	1694257.442	4.642
	Ag	107	-0.003865	mg/L	96.67	-0.000	4.110
	Ag	109	-0.005386	mg/L	49.00	-0.000	3.563
	Cd	111	-0.004734	mg/L	64.33	-0.000	25.765
	Cd	114	-0.001180	mg/L	129.65	-0.000	20.686
>	In	115		mg/L	2331283.98	2331283.977	7.150
	Sn	118	-0.004021	mg/L	429.01	-0.000	25.653
	Sn	120	-0.006573	mg/L	550.85	-0.000	18.132
	Sb	121	-0.016152	mg/L	449.02	-0.001	3.558
	Sb	123	-0.015726	mg/L	339.29	-0.001	3.681
	Ba	135	0.125478	mg/L	11515.43	0.004	10.078

	Ba	137	0.122584	mg/L	19510.44	0.007	7.828
>	Tb	159		mg/L	2922964.09	2922964.087	2.987
>	Ho	165		mg/L	2907018.53	2907018.529	2.973
	Hg	202	0.443054	mg/L	134.00	0.000	39.229
	Tl	203	0.000916	mg/L	584.36	0.000	137.838
	Tl	205	-0.001303	mg/L	1448.80	0.000	74.785
	Pb	208	-0.002888	mg/L	3969.71	0.001	5.094
	Bi	209	-0.000766	mg/L	127.67	-0.000	0.879
	Th	232	0.005178	mg/L	429.35	-0.001	1.762
	U	238	-0.001591	mg/L	427.01	-0.000	2.527

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-47RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:51:19
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-47RE1.139
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 48

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	186540.79	186540.795	3.875
	Be	9	-0.001427	mg/L	18.67	0.000	78.402
	B	11	0.572013	mg/L	7897.51	0.039	2.726
	Na	23	139.245129	mg/L	24683043.13	32.009	2.194
	Mg	24	80.270402	mg/L	9544795.00	12.421	2.253
	Al	27	2.185279	mg/L	412534.49	0.532	5.477
	Si	28	18.537926	mg/L	1890977.66	2.425	12.872
	K	39	1.436553	mg/L	1933127.11	0.715	27.707
	Ca	44	51.433727	mg/L	520015.41	0.591	6.781
>	Sc	45		mg/L	768166.73	768166.728	4.678
	Ti	47	-0.005314	mg/L	984.40	0.000	120.898
	V	51	0.081497	mg/L	-8369.85	0.027	22.523
	Cr	52	-0.040862	mg/L	15486.03	-0.008	27.189
	Mn	55	2.045615	mg/L	1049408.96	1.366	6.078
	Fe	57	73.229196	mg/L	1060943.66	1.363	0.960
	Ni	58	0.859599	mg/L	210208.06	0.462	13.540
	Co	59	0.201375	mg/L	92441.76	0.213	10.572
	Ni	60	0.230370	mg/L	23024.38	0.053	3.496
	Ni	62	0.276654	mg/L	4231.70	0.009	2.824
	Cu	63	-0.010015	mg/L	1438.46	0.002	12.473
	Cu	65	-0.000792	mg/L	1320.44	0.002	13.860
	Zn	66	0.150864	mg/L	10864.27	0.023	11.841
	Zn	68	0.134079	mg/L	7462.80	0.015	9.049
	Ga	69	-0.004697	mg/L	1775.53	-0.000	672.254
>	Ge	72		mg/L	435014.83	435014.834	6.857
	As	75	0.021902	mg/L	456.82	0.004	8.305
	Se	77	-1.611937	mg/L	1214.43	-0.013	2.638
	Se	82	0.008467	mg/L	55.46	0.000	39.459
	Sr	88	0.259382	mg/L	226753.51	0.109	8.327
>	Y	89		mg/L	2078352.69	2078352.693	10.045
	Mo	95	0.018600	mg/L	3228.28	0.001	4.888
	Mo	98	0.020071	mg/L	5210.38	0.002	7.204
>	Rh	103		mg/L	1757505.71	1757505.712	2.976
	Ag	107	-0.003900	mg/L	88.00	-0.000	2.762
	Ag	109	-0.005403	mg/L	45.00	-0.000	0.980
	Cd	111	-0.004420	mg/L	95.33	-0.000	237.218
	Cd	114	-0.000779	mg/L	223.59	-0.000	219.785
>	In	115		mg/L	2436370.17	2436370.172	6.172
	Sn	118	-0.004365	mg/L	345.68	-0.000	11.054
	Sn	120	-0.006810	mg/L	478.20	-0.000	21.312
	Sb	121	-0.016325	mg/L	410.35	-0.001	5.276
	Sb	123	-0.015879	mg/L	315.54	-0.001	3.679
	Ba	135	0.021550	mg/L	2117.60	0.001	13.087

	Ba	137	0.020709	mg/L	3594.97	0.001	8.421
>	Tb	159		mg/L	2892430.29	2892430.288	4.391
>	Ho	165		mg/L	3012264.13	3012264.129	3.630
	Hg	202	0.388670	mg/L	127.67	0.000	68.833
	Tl	203	0.001358	mg/L	786.04	0.000	1.730
	Tl	205	-0.000975	mg/L	1812.53	0.000	13.483
	Pb	208	-0.003635	mg/L	3155.25	0.001	14.339
	Bi	209	-0.000747	mg/L	153.34	-0.000	0.370
	Th	232	0.005430	mg/L	797.04	-0.001	6.259
	U	238	-0.001758	mg/L	207.34	-0.000	3.098

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-48RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 20:56:25
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-48RE1.140
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 49

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	180188.35	180188.349	3.427
	Be	9	-0.001111	mg/L	21.33	0.000	158.164
	B	11	0.549839	mg/L	7366.39	0.037	5.744
	Na	23	134.209604	mg/L	22376477.41	30.854	0.784
	Mg	24	77.844442	mg/L	8700255.15	12.045	1.220
	Al	27	2.187935	mg/L	388375.94	0.533	4.016
	Si	28	18.407019	mg/L	1767256.59	2.409	10.812
	K	39	1.684321	mg/L	1885044.63	0.810	24.584
	Ca	44	52.161227	mg/L	494747.01	0.599	5.880
>	Sc	45		mg/L	721885.42	721885.423	4.323
	Ti	47	-0.003611	mg/L	961.39	0.000	142.081
	V	51	0.084343	mg/L	-6800.96	0.029	11.470
	Cr	52	-0.042167	mg/L	14174.52	-0.008	16.512
	Mn	55	1.989738	mg/L	959218.41	1.329	7.217
	Fe	57	70.111660	mg/L	955452.58	1.305	3.086
	Ni	58	0.818721	mg/L	192538.67	0.441	12.389
	Co	59	0.191976	mg/L	84678.14	0.203	5.683
	Ni	60	0.221556	mg/L	21246.04	0.051	1.360
	Ni	62	0.272799	mg/L	4001.59	0.009	4.205
	Cu	63	-0.010656	mg/L	1251.77	0.002	14.050
	Cu	65	-0.002880	mg/L	1066.07	0.002	14.275
	Zn	66	0.154846	mg/L	10645.35	0.024	10.176
	Zn	68	0.137115	mg/L	7277.65	0.016	6.032
	Ga	69	-0.004947	mg/L	1612.16	-0.000	85.212
>	Ge	72		mg/L	416125.24	416125.243	3.994
	As	75	0.020694	mg/L	361.49	0.004	8.696
	Se	77	-1.631482	mg/L	1086.41	-0.013	1.111
	Se	82	0.002394	mg/L	11.80	-0.000	255.097
	Sr	88	0.258472	mg/L	215174.53	0.109	6.209
>	Y	89		mg/L	1975162.15	1975162.151	8.482
	Mo	95	0.008801	mg/L	1899.55	0.001	10.248
	Mo	98	0.010232	mg/L	3060.01	0.001	9.329
>	Rh	103		mg/L	1694236.14	1694236.142	1.635
	Ag	107	-0.003898	mg/L	85.67	-0.000	5.786
	Ag	109	-0.005382	mg/L	50.67	-0.000	3.171
	Cd	111	-0.004438	mg/L	90.67	-0.000	104.019
	Cd	114	-0.000867	mg/L	197.28	-0.000	55.593
>	In	115		mg/L	2266422.64	2266422.636	5.449
	Sn	118	-0.004248	mg/L	356.68	-0.000	28.929
	Sn	120	-0.006775	mg/L	458.21	-0.000	22.774
	Sb	121	-0.016426	mg/L	352.01	-0.001	4.794
	Sb	123	-0.015947	mg/L	277.33	-0.001	4.469
	Ba	135	0.021943	mg/L	2060.25	0.001	8.096

	Ba	137	0.021008	mg/L	3481.36	0.001	7.525
>	Tb	159		mg/L	2763006.67	2763006.667	3.293
>	Ho	165		mg/L	2809831.05	2809831.053	2.759
	Hg	202	1.361103	mg/L	310.34	0.000	16.781
	Tl	203	0.001484	mg/L	780.37	0.000	15.274
	Tl	205	-0.000792	mg/L	1851.87	0.000	14.254
	Pb	208	-0.003644	mg/L	2936.55	0.001	5.930
	Bi	209	-0.000762	mg/L	127.34	-0.000	0.755
	Th	232	0.005390	mg/L	690.70	-0.001	2.986
	U	238	-0.001748	mg/L	207.34	-0.000	1.644

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-49RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 21:01:32
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-49RE1.141
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 50

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	184739.32	184739.320	4.022
	Be	9	-0.002155	mg/L	11.00	-0.000	123.937
	B	11	0.589166	mg/L	8010.28	0.040	10.084
	Na	23	458.074393	mg/L	73464024.08	105.130	1.909
	Mg	24	49.267367	mg/L	5313119.42	7.624	2.983
	Al	27	2.322056	mg/L	396766.69	0.565	10.081
	Si	28	19.180568	mg/L	1770491.37	2.503	10.991
	K	39	7.081532	mg/L	3247647.23	2.864	13.198
	Ca	44	34.435763	mg/L	338656.18	0.399	5.389
>	Sc	45		mg/L	697473.22	697473.222	5.994
	Ti	47	-0.002919	mg/L	943.73	0.000	81.013
	V	51	0.090573	mg/L	-4446.43	0.032	8.644
	Cr	52	-0.041623	mg/L	13821.66	-0.008	26.828
	Mn	55	4.391014	mg/L	2042111.97	2.927	1.218
	Fe	57	145.429124	mg/L	1903791.04	2.707	3.827
	Ni	58	1.198815	mg/L	276390.72	0.644	4.805
	Co	59	-0.003977	mg/L	442.68	0.000	38.083
	Ni	60	-0.006652	mg/L	192.34	-0.000	426.118
	Ni	62	0.046218	mg/L	972.40	0.002	14.188
	Cu	63	-0.007953	mg/L	1777.19	0.003	3.097
	Cu	65	-0.004432	mg/L	914.39	0.001	5.805
	Zn	66	-0.014469	mg/L	1045.40	0.001	24.094
	Zn	68	-0.020926	mg/L	856.72	0.000	253.849
	Ga	69	-0.003780	mg/L	2046.59	0.001	38.022
>	Ge	72		mg/L	414244.79	414244.789	2.730
	As	75	0.022085	mg/L	443.79	0.004	7.221
	Se	77	-1.653093	mg/L	996.06	-0.013	0.305
	Se	82	0.006452	mg/L	39.10	0.000	235.212
	Sr	88	0.282128	mg/L	231714.79	0.119	4.307
>	Y	89		mg/L	1944118.60	1944118.600	2.641
	Mo	95	0.004897	mg/L	1407.46	0.000	29.184
	Mo	98	0.005594	mg/L	2125.77	0.001	34.810
>	Rh	103		mg/L	1684278.78	1684278.784	2.475
	Ag	107	-0.003869	mg/L	95.00	-0.000	1.278
	Ag	109	-0.005380	mg/L	50.67	-0.000	2.060
	Cd	111	-0.004919	mg/L	48.00	-0.000	7.003
	Cd	114	-0.001327	mg/L	98.00	-0.000	6.025
>	In	115		mg/L	2206734.07	2206734.072	2.148
	Sn	118	-0.004258	mg/L	342.68	-0.000	17.636
	Sn	120	-0.006754	mg/L	455.86	-0.000	10.963
	Sb	121	-0.016461	mg/L	335.01	-0.001	1.912
	Sb	123	-0.016006	mg/L	259.12	-0.001	3.124
	Ba	135	0.077702	mg/L	6698.54	0.002	5.193

	Ba	137	0.079129	mg/L	11823.98	0.004	2.831
>	Tb	159		mg/L	2709995.13	2709995.125	2.165
>	Ho	165		mg/L	2665394.23	2665394.231	5.187
	Hg	202	1.142212	mg/L	253.34	0.000	13.993
	Tl	203	0.001452	mg/L	727.70	0.000	18.462
	Tl	205	-0.000847	mg/L	1709.18	0.000	16.828
	Pb	208	-0.003448	mg/L	3005.56	0.001	5.460
	Bi	209	-0.000764	mg/L	119.34	-0.000	0.942
	Th	232	0.005423	mg/L	697.03	-0.001	4.754
	U	238	-0.001831	mg/L	92.33	-0.000	2.781

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 21:06:37
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\RINSE.142
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	183965.14	183965.137	1.448
	Be	9	-0.000126	mg/L	7.33	-0.000	9.259
	B	11	0.000197	mg/L	1044.40	0.002	27.699
	Na	23	0.032236	mg/L	254035.56	0.222	8.483
	Mg	24	-0.000461	mg/L	1867.21	-0.000	789.613
	Al	27	-0.000793	mg/L	3107.23	-0.001	10.280
	Si	28	-0.061218	mg/L	52453.03	0.029	33.274
	K	39	0.024095	mg/L	1506286.12	0.352	7.565
	Ca	44	-0.018364	mg/L	64936.53	0.006	37.500
>	Sc	45		mg/L	697568.71	697568.706	1.783
	Ti	47	-0.000677	mg/L	706.70	-0.000	73.232
	V	51	0.004863	mg/L	-2082.96	0.035	5.796
	Cr	52	-0.002153	mg/L	13455.42	-0.009	5.713
	Mn	55	-0.000454	mg/L	1211.76	-0.001	18.845
	Fe	57	0.000428	mg/L	12946.68	-0.000	120.709
	Ni	58	-0.000447	mg/L	8649.87	-0.003	34.401
	Co	59	-0.000178	mg/L	625.36	0.001	10.080
	Ni	60	-0.000375	mg/L	115.34	-0.000	20.774
	Ni	62	0.000789	mg/L	572.02	0.001	12.540
	Cu	63	-0.000636	mg/L	846.71	0.001	11.548
	Cu	65	-0.000366	mg/L	640.03	0.001	11.554
	Zn	66	-0.000673	mg/L	1108.08	0.001	16.219
	Zn	68	-0.001038	mg/L	868.38	0.000	102.196
	Ga	69	-0.000321	mg/L	1058.41	-0.002	12.284
>	Ge	72		mg/L	416372.31	416372.311	2.973
	As	75	0.000880	mg/L	172.88	0.003	6.630
	Se	77	-0.085972	mg/L	730.70	-0.014	1.083
	Se	82	-0.000389	mg/L	-51.08	-0.000	8.048
	Sr	88	-0.000246	mg/L	641.70	-0.000	14.924
>	Y	89		mg/L	1967451.90	1967451.900	6.893
	Mo	95	0.000107	mg/L	1097.74	0.000	9.071
	Mo	98	0.000158	mg/L	1686.93	0.000	20.815
>	Rh	103		mg/L	1655873.97	1655873.966	4.753
	Ag	107	-0.000196	mg/L	76.33	-0.000	4.081
	Ag	109	-0.000270	mg/L	45.00	-0.000	7.067
	Cd	111	-0.000246	mg/L	47.33	-0.000	12.273
	Cd	114	-0.000061	mg/L	117.31	-0.000	2.227
>	In	115		mg/L	2195986.68	2195986.678	4.092
	Sn	118	-0.000215	mg/L	331.34	-0.000	11.474
	Sn	120	-0.000332	mg/L	493.52	-0.000	11.002
	Sb	121	-0.000823	mg/L	336.01	-0.001	1.637
	Sb	123	-0.000795	mg/L	279.33	-0.001	3.028
	Ba	135	-0.000048	mg/L	107.00	-0.000	43.325

	Ba	137	-0.000074	mg/L	170.11	-0.000	37.701
>	Tb	159		mg/L	2777979.58	2777979.580	5.082
>	Ho	165		mg/L	2749071.89	2749071.895	3.735
	Hg	202	0.004862	mg/L	60.33	-0.000	15.058
	Tl	203	0.000189	mg/L	1610.49	0.000	11.512
	Tl	205	0.000084	mg/L	3936.23	0.001	10.641
	Pb	208	-0.000277	mg/L	675.68	-0.000	12.337
	Bi	209	-0.000038	mg/L	122.67	-0.000	1.644
	Th	232	0.000258	mg/L	372.01	-0.001	1.950
	U	238	-0.000092	mg/L	76.00	-0.000	1.346

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 21:11:42
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV4.143
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	185048.58	185048.584	5.255
	Be	9	0.042309	mg/L	8646.20	0.047	5.920
	B	11	0.044311	mg/L	11544.47	0.059	12.782
	Na	23	0.455818	mg/L	1716362.06	2.165	3.377
	Mg	24	0.424247	mg/L	978179.27	1.314	1.503
	Al	27	0.204848	mg/L	740221.72	0.995	12.228
	Si	28	-0.024451	mg/L	121538.45	0.118	17.561
	K	39	0.438578	mg/L	3932518.89	3.507	15.006
	Ca	44	0.419764	mg/L	142371.70	0.105	10.999
>	Sc	45		mg/L	743305.78	743305.779	6.811
	Ti	47	0.039430	mg/L	20059.01	0.026	1.973
	V	51	0.041533	mg/L	263427.17	0.395	11.943
	Cr	52	0.038151	mg/L	263990.74	0.330	18.288
	Mn	55	0.042116	mg/L	421461.73	0.566	4.470
	Fe	57	0.162009	mg/L	58500.40	0.060	0.585
	Ni	58	0.040493	mg/L	193550.41	0.436	6.960
	Co	59	0.038893	mg/L	341545.05	0.809	1.860
	Ni	60	0.038957	mg/L	73685.04	0.174	3.091
	Ni	62	0.041517	mg/L	11592.84	0.027	0.923
	Cu	63	0.042080	mg/L	171099.48	0.405	4.708
	Cu	65	0.041583	mg/L	82397.18	0.195	9.440
	Zn	66	0.039476	mg/L	47307.20	0.111	8.116
	Zn	68	0.038318	mg/L	33314.97	0.077	2.091
	Ga	69	0.038414	mg/L	296771.35	0.699	2.474
>	Ge	72		mg/L	421707.50	421707.497	2.238
	As	75	0.042593	mg/L	52397.67	0.127	3.992
	Se	77	0.016619	mg/L	9159.05	0.006	27.874
	Se	82	0.040329	mg/L	5177.63	0.003	11.002
	Sr	88	0.039899	mg/L	665439.73	0.332	1.600
>	Y	89		mg/L	2001875.14	2001875.142	8.625
	Mo	95	0.044371	mg/L	107385.19	0.054	9.168
	Mo	98	0.044652	mg/L	174724.00	0.088	14.516
>	Rh	103		mg/L	1743376.58	1743376.576	1.089
	Ag	107	0.021096	mg/L	151538.61	0.087	5.492
	Ag	109	0.021629	mg/L	147619.24	0.084	6.479
	Cd	111	0.040399	mg/L	74083.74	0.042	0.075
	Cd	114	0.040257	mg/L	177375.95	0.102	8.002
>	In	115		mg/L	2331718.00	2331717.996	3.885
	Sn	118	0.038973	mg/L	225082.23	0.096	5.867
	Sn	120	0.038643	mg/L	302540.71	0.130	12.418
	Sb	121	0.039901	mg/L	251474.55	0.107	9.831
	Sb	123	0.041672	mg/L	201255.18	0.086	3.764
	Ba	135	0.039340	mg/L	68898.26	0.024	6.403

	Ba	137	0.039008	mg/L	118105.41	0.042	1.249
>	Tb	159		mg/L	2826197.50	2826197.504	1.151
>	Ho	165		mg/L	2836908.32	2836908.325	5.325
	Hg	202	0.024780	mg/L	141.34	0.000	7.071
	Tl	203	0.035535	mg/L	271530.48	0.096	7.033
	Tl	205	0.035672	mg/L	635619.23	0.224	10.168
	Pb	208	0.037612	mg/L	910641.64	0.321	3.797
	Bi	209	0.037166	mg/L	779054.27	0.274	1.080
	Th	232	0.034947	mg/L	911818.91	0.321	4.821
	U	238	0.034367	mg/L	911210.70	0.322	10.781

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 21:16:46
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB4.144
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	176617.13	176617.132	3.341
	Be	9	-0.000103	mg/L	11.33	-0.000	133.339
	B	11	0.000945	mg/L	1178.43	0.003	63.111
	Na	23	0.015442	mg/L	202018.29	0.145	10.306
	Mg	24	-0.000198	mg/L	2451.69	0.001	51.386
	Al	27	-0.000210	mg/L	5109.83	0.002	68.896
	Si	28	-0.067604	mg/L	42060.19	0.014	29.450
	K	39	0.019520	mg/L	1495621.42	0.317	23.059
	Ca	44	0.040468	mg/L	74833.57	0.019	32.809
>	Sc	45		mg/L	704711.70	704711.703	4.714
	Ti	47	-0.000170	mg/L	944.39	0.000	39.947
	V	51	0.001592	mg/L	-25296.74	0.003	855.098
	Cr	52	-0.000743	mg/L	21886.90	0.003	88.758
	Mn	55	-0.000400	mg/L	1728.52	0.000	32.642
	Fe	57	0.002517	mg/L	13623.01	0.001	66.133
	Ni	58	0.000123	mg/L	11020.80	0.003	52.515
	Co	59	-0.000210	mg/L	342.01	-0.000	318.439
	Ni	60	-0.000237	mg/L	363.34	0.000	11.420
	Ni	62	0.000256	mg/L	422.68	0.000	3.464
	Cu	63	-0.000621	mg/L	895.39	0.001	6.376
	Cu	65	-0.000380	mg/L	604.69	0.001	35.628
	Zn	66	-0.000912	mg/L	824.71	0.000	63.643
	Zn	68	-0.000908	mg/L	959.06	0.000	55.915
	Ga	69	-0.000165	mg/L	2200.62	0.001	21.905
>	Ge	72		mg/L	409953.08	409953.084	2.221
	As	75	0.000200	mg/L	-653.96	0.001	110.008
	Se	77	-0.016407	mg/L	6272.89	-0.001	120.794
	Se	82	-0.000033	mg/L	-6.40	-0.000	65.898
	Sr	88	-0.000218	mg/L	1084.41	0.000	86.129
>	Y	89		mg/L	1954723.27	1954723.273	2.462
	Mo	95	0.000427	mg/L	1850.88	0.001	16.837
	Mo	98	0.000486	mg/L	2939.42	0.001	16.703
>	Rh	103		mg/L	1715264.08	1715264.077	6.482
	Ag	107	-0.000134	mg/L	511.35	0.000	95.966
	Ag	109	-0.000208	mg/L	453.68	0.000	86.661
	Cd	111	-0.000222	mg/L	90.67	-0.000	203.771
	Cd	114	-0.000038	mg/L	221.56	-0.000	2233.049
>	In	115		mg/L	2332490.78	2332490.776	4.314
	Sn	118	-0.000078	mg/L	1129.42	0.000	48.598
	Sn	120	-0.000226	mg/L	1349.57	0.000	11.587
	Sb	121	0.000848	mg/L	10645.73	0.004	18.573
	Sb	123	0.000879	mg/L	8188.09	0.003	21.500
	Ba	135	-0.000016	mg/L	159.67	0.000	110.578

	Ba	137	-0.000048	mg/L	243.46	0.000	30.114
>	Tb	159		mg/L	2721562.69	2721562.690	4.761
>	Ho	165		mg/L	2703831.93	2703831.934	3.792
	Hg	202	0.015808	mg/L	100.67	0.000	211.816
	Tl	203	0.000063	mg/L	669.36	0.000	46.124
	Tl	205	-0.000048	mg/L	1638.50	0.000	31.536
	Pb	208	-0.000252	mg/L	1223.71	0.000	93.372
	Bi	209	0.000053	mg/L	1934.56	0.000	64.593
	Th	232	0.000737	mg/L	12365.67	0.004	23.848
	U	238	-0.000064	mg/L	802.38	0.000	65.787

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-19RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 21:21:51
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-19RE1.145
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 51

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	197206.55	197206.547	2.039
	Be	9	-0.000127	mg/L	7.67	-0.000	18.773
	B	11	1.406042	mg/L	359095.34	1.818	8.854
	Na	23	S	mg/L	S	S	S
	Mg	24	0.832120	mg/L	2071662.58	2.576	7.547
	Al	27	0.295296	mg/L	1155970.66	1.434	8.833
	Si	28	7.431454	mg/L	14664992.18	18.198	4.354
	K	39	S	mg/L	S	S	S
	Ca	44	10.759844	mg/L	2035226.35	2.441	4.119
>	Sc	45		mg/L	804703.14	804703.140	3.987
	Ti	47	0.002625	mg/L	2529.71	0.002	20.114
	V	51	0.007228	mg/L	15066.54	0.058	101.388
	Cr	52	0.001671	mg/L	41384.90	0.023	6.941
	Mn	55	0.000708	mg/L	13847.04	0.015	3.198
	Fe	57	0.058273	mg/L	32272.26	0.021	3.629
	Ni	58	0.002954	mg/L	25565.84	0.034	9.328
	Co	59	0.000001	mg/L	2318.65	0.004	10.052
	Ni	60	0.002515	mg/L	5846.27	0.013	6.745
	Ni	62	0.012327	mg/L	3934.24	0.008	14.083
	Cu	63	0.001698	mg/L	10786.52	0.023	4.214
	Cu	65	0.001417	mg/L	4375.43	0.009	3.323
	Zn	66	0.006506	mg/L	9945.87	0.021	6.291
	Zn	68	0.007452	mg/L	8336.91	0.017	10.478
	Ga	69	0.001599	mg/L	16657.75	0.033	5.600
>	Ge	72		mg/L	447220.04	447220.035	3.518
	As	75	0.002173	mg/L	1901.31	0.007	20.645
	Se	77	0.103601	mg/L	17306.73	0.023	14.383
	Se	82	0.001924	mg/L	274.79	0.000	17.913
	Sr	88	0.139909	mg/L	2597025.33	1.160	4.562
>	Y	89		mg/L	2241605.37	2241605.366	5.033
	Mo	95	0.455912	mg/L	1233476.08	0.550	1.838
	Mo	98	0.458718	mg/L	2014346.22	0.899	1.555
>	Rh	103		mg/L	1791209.05	1791209.048	4.823
	Ag	107	-0.000160	mg/L	342.34	-0.000	52.734
	Ag	109	-0.000235	mg/L	288.34	-0.000	176.136
	Cd	111	0.001139	mg/L	2630.74	0.001	14.515
	Cd	114	0.000947	mg/L	4660.58	0.002	16.661
>	In	115		mg/L	2511218.22	2511218.224	2.378
	Sn	118	0.000765	mg/L	6437.68	0.002	1.814
	Sn	120	0.000652	mg/L	8803.10	0.003	2.045
	Sb	121	0.000526	mg/L	9347.24	0.003	9.867
	Sb	123	0.000547	mg/L	7152.46	0.002	12.949
	Ba	135	0.031659	mg/L	59133.46	0.020	9.465

	Ba	137	0.031885	mg/L	102760.00	0.034	13.392
>	Tb	159		mg/L	3022200.98	3022200.975	6.085
>	Ho	165		mg/L	3010197.10	3010197.099	4.471
	Hg	202	1.216853	mg/L	5157.85	0.002	5.296
	Tl	203	0.000020	mg/L	396.01	-0.000	27.361
	Tl	205	-0.000104	mg/L	771.71	-0.000	1.463
	Pb	208	0.003586	mg/L	99287.11	0.033	3.013
	Bi	209	0.000003	mg/L	1038.07	-0.000	15.568
	Th	232	0.000650	mg/L	11327.92	0.003	22.444
	U	238	-0.000091	mg/L	133.34	-0.000	3.006

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV5
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 21:30:24
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV5.146
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	191937.37	191937.368	4.315
	Be	9	0.047003	mg/L	9985.27	0.052	4.774
	B	11	0.057117	mg/L	15224.00	0.076	8.083
	Na	23	0.463269	mg/L	1857307.78	2.199	3.514
	Mg	24	0.439749	mg/L	1082902.22	1.362	4.994
	Al	27	0.218747	mg/L	845922.89	1.063	4.262
	Si	28	-0.016226	mg/L	145752.21	0.138	9.604
	K	39	0.476689	mg/L	4425728.01	3.797	17.216
	Ca	44	0.467159	mg/L	160287.02	0.116	12.828
>	Sc	45		mg/L	792560.97	792560.970	6.387
	Ti	47	0.040705	mg/L	22097.91	0.027	4.685
	V	51	0.036224	mg/L	242383.34	0.343	16.378
	Cr	52	0.042990	mg/L	314611.74	0.371	10.593
	Mn	55	0.043744	mg/L	465504.12	0.588	12.793
	Fe	57	0.168404	mg/L	64264.70	0.062	4.436
	Ni	58	0.040357	mg/L	212043.74	0.434	14.794
	Co	59	0.038405	mg/L	370674.93	0.799	11.358
	Ni	60	0.040930	mg/L	85140.70	0.183	6.855
	Ni	62	0.041897	mg/L	12915.66	0.027	1.324
	Cu	63	0.041834	mg/L	187804.10	0.402	2.009
	Cu	65	0.039811	mg/L	86953.59	0.187	10.308
	Zn	66	0.037625	mg/L	49712.73	0.105	11.832
	Zn	68	0.037485	mg/L	35886.77	0.075	9.504
	Ga	69	0.039899	mg/L	339456.31	0.726	4.113
>	Ge	72		mg/L	465623.53	465623.531	6.669
	As	75	0.041453	mg/L	56261.56	0.124	2.595
	Se	77	0.057713	mg/L	13812.97	0.014	14.831
	Se	82	0.037415	mg/L	5703.25	0.002	15.198
	Sr	88	0.039233	mg/L	775697.98	0.327	6.027
>	Y	89		mg/L	2378934.19	2378934.187	7.709
	Mo	95	0.041678	mg/L	120570.84	0.050	2.796
	Mo	98	0.040810	mg/L	190703.74	0.080	8.493
>	Rh	103		mg/L	1874469.17	1874469.171	3.906
	Ag	107	0.022210	mg/L	171140.92	0.091	5.551
	Ag	109	0.023310	mg/L	170375.45	0.091	10.737
	Cd	111	0.042792	mg/L	84118.52	0.045	11.146
	Cd	114	0.041350	mg/L	195803.62	0.104	6.635
>	In	115		mg/L	2550697.86	2550697.860	5.485
	Sn	118	0.039297	mg/L	248484.50	0.097	1.881
	Sn	120	0.041435	mg/L	354692.38	0.139	8.239
	Sb	121	0.043357	mg/L	297698.28	0.116	12.895
	Sb	123	0.043310	mg/L	227777.67	0.089	12.381
	Ba	135	0.037904	mg/L	76040.48	0.023	13.301

	Ba	137	0.036847	mg/L	127808.87	0.039	12.006
>	Tb	159		mg/L	3253250.13	3253250.127	6.675
>	Ho	165		mg/L	3141782.92	3141782.922	4.568
	Hg	202	0.031582	mg/L	186.00	0.000	18.595
	Tl	203	0.034971	mg/L	296358.70	0.094	5.353
	Tl	205	0.036464	mg/L	720993.35	0.229	4.818
	Pb	208	0.037955	mg/L	1018757.63	0.324	3.135
	Bi	209	0.035281	mg/L	818184.75	0.260	6.621
	Th	232	0.033382	mg/L	964233.82	0.306	9.455
	U	238	0.034346	mg/L	1011180.32	0.322	4.061

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB5
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 21:35:28
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB5.147
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	175843.81	175843.808	5.794
	Be	9	-0.000089	mg/L	14.00	0.000	2780.948
	B	11	0.004693	mg/L	2020.91	0.008	5.857
	Na	23	-0.004208	mg/L	155484.52	0.055	10.896
	Mg	24	-0.000262	mg/L	2602.07	0.001	14.996
	Al	27	-0.000177	mg/L	5885.65	0.002	38.660
	Si	28	-0.066176	mg/L	49515.94	0.017	90.161
	K	39	-0.004428	mg/L	1529593.71	0.135	117.008
	Ca	44	0.028039	mg/L	81643.17	0.017	37.899
>	Sc	45		mg/L	790418.12	790418.121	6.946
	Ti	47	0.000002	mg/L	1148.42	0.000	18.166
	V	51	0.000006	mg/L	-38829.57	-0.012	267.383
	Cr	52	0.000061	mg/L	29811.53	0.010	44.068
	Mn	55	-0.000391	mg/L	2032.91	0.000	53.294
	Fe	57	0.003636	mg/L	15620.28	0.001	17.004
	Ni	58	0.000185	mg/L	11829.49	0.004	51.580
	Co	59	-0.000208	mg/L	377.01	0.000	81.231
	Ni	60	-0.000276	mg/L	308.01	0.000	20.147
	Ni	62	-0.000168	mg/L	325.68	0.000	70.511
	Cu	63	-0.000658	mg/L	786.38	0.000	49.173
	Cu	65	-0.000345	mg/L	703.37	0.001	13.625
	Zn	66	-0.000824	mg/L	965.73	0.000	48.345
	Zn	68	-0.000687	mg/L	1191.42	0.001	11.910
	Ga	69	-0.000061	mg/L	3115.56	0.003	12.091
>	Ge	72		mg/L	429924.20	429924.201	3.962
	As	75	-0.000942	mg/L	-2127.91	-0.002	85.588
	Se	77	0.028074	mg/L	10286.26	0.008	21.323
	Se	82	0.000091	mg/L	10.06	-0.000	127.854
	Sr	88	-0.000224	mg/L	1073.74	0.000	269.738
>	Y	89		mg/L	2142600.03	2142600.033	8.640
	Mo	95	0.000715	mg/L	2774.79	0.001	4.639
	Mo	98	0.000799	mg/L	4522.49	0.002	7.315
>	Rh	103		mg/L	1821657.22	1821657.223	2.181
	Ag	107	-0.000135	mg/L	540.69	0.000	101.566
	Ag	109	-0.000212	mg/L	459.02	0.000	106.785
	Cd	111	-0.000217	mg/L	106.34	-0.000	186.561
	Cd	114	-0.000036	mg/L	245.06	0.000	238.968
>	In	115		mg/L	2496806.67	2496806.668	7.723
	Sn	118	-0.000101	mg/L	1074.41	0.000	21.343
	Sn	120	-0.000222	mg/L	1473.96	0.000	28.176
	Sb	121	0.000880	mg/L	11594.29	0.004	22.747
	Sb	123	0.000968	mg/L	9228.19	0.003	21.835
	Ba	135	-0.000022	mg/L	165.67	-0.000	1529.774

	Ba	137	-0.000048	mg/L	267.11	0.000	19.501
>	Tb	159		mg/L	3015018.71	3015018.714	2.580
>	Ho	165		mg/L	3090465.40	3090465.398	3.426
	Hg	202	0.017317	mg/L	121.67	0.000	69.950
	Tl	203	0.000056	mg/L	710.70	0.000	49.278
	Tl	205	-0.000056	mg/L	1722.85	0.000	38.640
	Pb	208	-0.000258	mg/L	1235.71	-0.000	89.424
	Bi	209	0.000047	mg/L	2079.27	0.000	85.002
	Th	232	0.000815	mg/L	16388.85	0.004	19.670
	U	238	-0.000065	mg/L	864.05	0.000	150.202

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-01RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 21:50:55
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-01RE1.150
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 33

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	191011.26	191011.262	4.975
	Be	9	-0.000089	mg/L	15.00	0.000	4613.880
	B	11	0.227894	mg/L	54777.26	0.296	161.519
	Na	23	S	mg/L	S	S	S
	Mg	24	15.297219	mg/L	37491744.98	47.337	169.198
	Al	27	0.116814	mg/L	455048.96	0.569	169.996
	Si	28	3.099840	mg/L	6130909.60	7.694	168.754
	K	39	S	mg/L	S	S	S
	Ca	44	31.407624	mg/L	5696030.95	7.105	170.313
>	Sc	45		mg/L	798910.18	798910.175	0.779
	Ti	47	0.003121	mg/L	2758.84	0.002	181.815
	V	51	0.003985	mg/L	-9307.48	0.027	32.875
	Cr	52	-0.000165	mg/L	28623.89	0.008	416.518
	Mn	55	0.158472	mg/L	1675947.39	2.114	171.315
	Fe	57	1.832134	mg/L	554784.44	0.682	173.137
	Ni	58	0.024424	mg/L	124620.94	0.264	175.446
	Co	59	0.000191	mg/L	3961.25	0.008	169.608
	Ni	60	0.010692	mg/L	21385.21	0.049	172.323
	Ni	62	0.013447	mg/L	4117.22	0.009	171.479
	Cu	63	0.001910	mg/L	11325.14	0.025	174.163
	Cu	65	0.001828	mg/L	5077.62	0.011	165.034
	Zn	66	0.040999	mg/L	50486.00	0.115	171.547
	Zn	68	0.039787	mg/L	35493.27	0.080	172.196
	Ga	69	0.000225	mg/L	5422.67	0.008	169.792
>	Ge	72		mg/L	441101.70	441101.696	2.497
	As	75	0.003994	mg/L	4221.04	0.012	67.482
	Se	77	-0.046115	mg/L	4155.71	-0.006	161.783
	Se	82	0.003156	mg/L	440.93	0.000	194.968
	Sr	88	0.101551	mg/L	1837790.06	0.842	172.300
>	Y	89		mg/L	2229511.80	2229511.803	3.440
	Mo	95	0.066050	mg/L	174576.96	0.080	171.543
	Mo	98	0.062817	mg/L	269532.47	0.123	171.640
>	Rh	103		mg/L	1835675.10	1835675.102	11.968
	Ag	107	-0.000114	mg/L	612.06	0.000	340.408
	Ag	109	-0.000183	mg/L	578.39	0.000	311.310
	Cd	111	0.000338	mg/L	1016.17	0.001	184.374
	Cd	114	0.000445	mg/L	2147.06	0.001	184.392
>	In	115		mg/L	2487461.13	2487461.128	10.160
	Sn	118	0.001744	mg/L	11127.54	0.005	174.812
	Sn	120	0.001712	mg/L	15746.32	0.007	173.875
	Sb	121	-0.000365	mg/L	3114.83	0.000	401.748
	Sb	123	-0.000349	mg/L	2351.55	0.000	423.879
	Ba	135	0.013442	mg/L	25759.21	0.008	173.172

	Ba	137	0.012717	mg/L	42180.25	0.014	172.940
>	Tb	159		mg/L	3238289.46	3238289.464	4.478
>	Ho	165		mg/L	3200030.35	3200030.350	7.115
	Hg	202	0.056155	mg/L	279.35	0.000	241.175
	Tl	203	0.000129	mg/L	1284.19	0.000	224.432
	Tl	205	0.000019	mg/L	3105.77	0.001	216.748
	Pb	208	0.002578	mg/L	72116.40	0.024	173.244
	Bi	209	0.000056	mg/L	2209.33	0.000	440.719
	Th	232	0.000794	mg/L	15320.64	0.004	168.222
	U	238	0.000128	mg/L	6171.55	0.002	195.806

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-02RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 21:56:01
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-02RE1.151
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 34

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	160974.05	160974.048	2.159
	Be	9	0.002278	mg/L	49.00	0.000	16.439
	B	11	0.756417	mg/L	8736.29	0.051	1.745
	Na	23	745.076742	mg/L	124767086.37	170.952	2.046
	Mg	24	88.879093	mg/L	10037444.68	13.753	5.994
	Al	27	2.185647	mg/L	392502.85	0.532	4.986
	Si	28	21.224700	mg/L	2035751.06	2.751	9.881
	K	39	13.661548	mg/L	5222844.79	5.368	11.439
	Ca	44	51.343523	mg/L	492995.67	0.590	7.908
>	Sc	45		mg/L	728989.50	728989.499	2.753
	Ti	47	0.001872	mg/L	1103.74	0.000	24.502
	V	51	0.081637	mg/L	-7832.55	0.028	18.320
	Cr	52	-0.036782	mg/L	15979.21	-0.006	20.183
	Mn	55	6.039786	mg/L	2930753.87	4.024	7.770
	Fe	57	8.119786	mg/L	123671.93	0.151	4.280
	Ni	58	0.065344	mg/L	24654.44	0.037	20.630
	Co	59	-0.003482	mg/L	644.70	0.001	20.773
	Ni	60	-0.004991	mg/L	340.34	0.000	19.262
	Ni	62	0.002738	mg/L	391.01	0.000	28.241
	Cu	63	-0.006783	mg/L	1977.90	0.003	4.457
	Cu	65	-0.007075	mg/L	650.70	0.001	12.360
	Zn	66	-0.013708	mg/L	1070.74	0.001	34.862
	Zn	68	-0.014447	mg/L	1101.74	0.001	37.608
	Ga	69	-0.001638	mg/L	2807.46	0.003	5.480
>	Ge	72		mg/L	408667.83	408667.826	5.102
	As	75	0.022778	mg/L	483.95	0.004	5.703
	Se	77	-1.562670	mg/L	1338.78	-0.013	2.022
	Se	82	0.017320	mg/L	111.27	0.000	44.041
	Sr	88	0.450774	mg/L	384840.12	0.188	5.200
>	Y	89		mg/L	2042216.91	2042216.913	7.051
	Mo	95	0.028164	mg/L	4354.44	0.002	19.371
	Mo	98	0.030583	mg/L	7231.96	0.003	21.382
>	Rh	103		mg/L	1777265.99	1777265.989	4.054
	Ag	107	-0.003721	mg/L	154.34	-0.000	11.064
	Ag	109	-0.005179	mg/L	122.00	-0.000	14.798
	Cd	111	-0.004758	mg/L	65.67	-0.000	17.298
	Cd	114	-0.001093	mg/L	156.89	-0.000	42.228
>	In	115		mg/L	2509120.14	2509120.140	6.540
	Sn	118	-0.002805	mg/L	836.05	0.000	35.722
	Sn	120	-0.005118	mg/L	1193.62	0.000	59.628
	Sb	121	-0.013609	mg/L	1318.11	-0.000	27.838
	Sb	123	-0.013138	mg/L	1017.02	-0.000	25.061
	Ba	135	0.128509	mg/L	12285.44	0.004	10.688

	Ba	137	0.128872	mg/L	21338.39	0.007	11.667
>	Tb	159		mg/L	3048778.20	3048778.202	4.035
>	Ho	165		mg/L	3096390.61	3096390.610	2.953
	Hg	202	0.055219	mg/L	59.00	-0.000	9.317
	Tl	203	0.003894	mg/L	1869.55	0.000	16.967
	Tl	205	0.001753	mg/L	4514.51	0.001	14.236
	Pb	208	-0.002554	mg/L	4664.52	0.001	8.577
	Bi	209	-0.000415	mg/L	537.02	-0.000	4.330
	Th	232	0.007452	mg/L	3720.80	0.000	22.325
	U	238	-0.001523	mg/L	554.02	-0.000	23.225

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-05RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:01:07
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-05RE1.152
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 35

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	170425.32	170425.315	3.586
	Be	9	-0.001138	mg/L	19.67	0.000	145.741
	B	11	0.516935	mg/L	6595.13	0.035	12.553
	Na	23	139.316966	mg/L	23602487.00	32.026	2.132
	Mg	24	83.411640	mg/L	9441802.82	12.907	7.166
	Al	27	1.947695	mg/L	350113.40	0.475	13.814
	Si	28	20.058411	mg/L	1934124.89	2.610	15.310
	K	39	1.621898	mg/L	1895091.97	0.786	27.355
	Ca	44	53.790474	mg/L	516621.35	0.618	2.527
>	Sc	45		mg/L	733852.83	733852.832	7.578
	Ti	47	-0.004946	mg/L	948.39	0.000	165.547
	V	51	0.088270	mg/L	-5436.35	0.031	4.765
	Cr	52	-0.042224	mg/L	14315.44	-0.008	33.885
	Mn	55	2.123728	mg/L	1040191.80	1.418	4.656
	Fe	57	73.382757	mg/L	1015095.15	1.366	1.694
	Ni	58	0.836674	mg/L	201196.95	0.450	3.146
	Co	59	0.199985	mg/L	90100.58	0.211	4.003
	Ni	60	0.231571	mg/L	22633.45	0.053	5.926
	Ni	62	0.265704	mg/L	3985.58	0.009	2.436
	Cu	63	-0.012239	mg/L	961.39	0.001	15.609
	Cu	65	-0.006488	mg/L	734.37	0.001	18.914
	Zn	66	0.145604	mg/L	10351.00	0.023	5.684
	Zn	68	0.132284	mg/L	7239.29	0.015	4.847
	Ga	69	-0.005053	mg/L	1606.49	-0.000	43.727
>	Ge	72		mg/L	424758.94	424758.938	1.743
	As	75	0.020423	mg/L	352.36	0.004	3.930
	Se	77	-1.645794	mg/L	1050.74	-0.013	0.824
	Se	82	0.001979	mg/L	11.65	-0.000	153.392
	Sr	88	0.250610	mg/L	220512.99	0.106	6.196
>	Y	89		mg/L	2078946.83	2078946.826	3.609
	Mo	95	0.005406	mg/L	1573.49	0.000	5.640
	Mo	98	0.006695	mg/L	2504.65	0.001	0.723
>	Rh	103		mg/L	1734724.09	1734724.091	5.310
	Ag	107	-0.003751	mg/L	139.34	-0.000	6.583
	Ag	109	-0.005273	mg/L	88.33	-0.000	5.352
	Cd	111	-0.004415	mg/L	95.00	-0.000	59.742
	Cd	114	-0.000689	mg/L	240.07	0.000	149.731
>	In	115		mg/L	2399565.22	2399565.223	2.319
	Sn	118	-0.003662	mg/L	548.02	-0.000	110.081
	Sn	120	-0.006046	mg/L	777.53	-0.000	578.335
	Sb	121	-0.014664	mg/L	934.39	-0.001	10.595
	Sb	123	-0.013961	mg/L	779.32	-0.000	5.937
	Ba	135	0.021334	mg/L	2194.95	0.001	3.038

	Ba	137	0.019873	mg/L	3619.37	0.001	4.295
>	Tb	159		mg/L	3015226.95	3015226.954	2.431
>	Ho	165		mg/L	3011881.19	3011881.193	5.090
	Hg	202	0.030201	mg/L	52.00	-0.000	6.519
	Tl	203	0.002678	mg/L	1318.78	0.000	12.803
	Tl	205	0.000369	mg/L	3069.22	0.001	26.166
	Pb	208	-0.003617	mg/L	3184.59	0.001	2.993
	Bi	209	-0.000581	mg/L	336.68	-0.000	3.303
	Th	232	0.007402	mg/L	3529.07	0.000	125.180
	U	238	-0.001719	mg/L	262.67	-0.000	5.376

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:06:14
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-DUP1.153
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 36

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	178880.25	178880.253	3.501
	Be	9	-0.001513	mg/L	17.00	0.000	48.960
	B	11	0.646635	mg/L	8439.34	0.044	1.679
	Na	23	140.779930	mg/L	24623325.71	32.361	1.625
	Mg	24	82.807563	mg/L	9715066.58	12.813	2.818
	Al	27	2.841594	mg/L	527822.29	0.691	2.855
	Si	28	19.804980	mg/L	1983799.11	2.579	7.665
	K	39	1.461298	mg/L	1913323.45	0.725	27.814
	Ca	44	53.448122	mg/L	529634.89	0.614	8.966
>	Sc	45		mg/L	757496.27	757496.267	4.664
	Ti	47	-0.004694	mg/L	985.06	0.000	87.658
	V	51	0.092247	mg/L	-4215.93	0.033	11.232
	Cr	52	-0.042360	mg/L	14811.21	-0.008	15.261
	Mn	55	2.038577	mg/L	1030513.56	1.362	8.723
	Fe	57	72.241823	mg/L	1032171.65	1.344	1.848
	Ni	58	0.873976	mg/L	210752.83	0.470	14.350
	Co	59	0.207469	mg/L	93911.95	0.219	11.059
	Ni	60	0.244009	mg/L	23999.55	0.056	3.994
	Ni	62	0.251011	mg/L	3824.85	0.008	2.315
	Cu	63	-0.011914	mg/L	1035.40	0.001	13.069
	Cu	65	-0.006828	mg/L	706.37	0.001	19.993
	Zn	66	0.155703	mg/L	11012.79	0.024	10.065
	Zn	68	0.143168	mg/L	7739.37	0.016	10.351
	Ga	69	-0.005329	mg/L	1512.47	-0.001	48.778
>	Ge	72		mg/L	428991.09	428991.088	5.830
	As	75	0.019734	mg/L	302.65	0.003	16.248
	Se	77	-1.661042	mg/L	997.06	-0.014	0.630
	Se	82	0.004373	mg/L	26.40	0.000	2151.430
	Sr	88	0.269361	mg/L	238760.25	0.113	8.138
>	Y	89		mg/L	2109096.74	2109096.744	10.600
	Mo	95	0.000786	mg/L	1010.73	0.000	31.010
	Mo	98	0.002174	mg/L	1601.78	0.000	33.482
>	Rh	103		mg/L	1829890.73	1829890.732	3.397
	Ag	107	-0.003842	mg/L	113.00	-0.000	9.500
	Ag	109	-0.005308	mg/L	80.00	-0.000	8.714
	Cd	111	-0.004472	mg/L	94.67	-0.000	46.995
	Cd	114	-0.000890	mg/L	207.49	-0.000	12.632
>	In	115		mg/L	2490412.90	2490412.899	6.540
	Sn	118	-0.003896	mg/L	496.02	-0.000	37.359
	Sn	120	-0.006077	mg/L	797.85	-0.000	630.133
	Sb	121	-0.015392	mg/L	727.37	-0.001	7.398
	Sb	123	-0.014888	mg/L	572.43	-0.000	5.431
	Ba	135	0.023787	mg/L	2403.01	0.001	14.056

	Ba	137	0.022492	mg/L	4006.44	0.001	14.821
>	Tb	159		mg/L	3005027.24	3005027.245	6.214
>	Ho	165		mg/L	3011074.15	3011074.146	1.510
	Hg	202	-0.025809	mg/L	40.33	-0.000	8.832
	Tl	203	0.002229	mg/L	1139.08	0.000	6.780
	Tl	205	0.000001	mg/L	2735.11	0.000	7.833
	Pb	208	-0.003227	mg/L	3680.33	0.001	5.874
	Bi	209	-0.000629	mg/L	284.67	-0.000	0.963
	Th	232	0.006656	mg/L	2506.71	-0.000	88.325
	U	238	-0.001720	mg/L	261.01	-0.000	2.670

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-PS1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:11:21
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\1115077-PS1.154
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 37

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	183364.49	183364.489	4.319
	Be	9	1.068709	mg/L	10831.56	0.059	1.488
	B	11	1.776306	mg/L	21974.11	0.117	8.821
	Na	23	173.668788	mg/L	30857291.35	39.904	1.132
	Mg	24	87.869966	mg/L	10480691.11	13.596	2.565
	Al	27	8.414588	mg/L	1573437.93	2.042	7.594
	Si	28	19.282471	mg/L	1964291.90	2.515	12.444
	K	39	49.059209	mg/L	15836683.62	18.841	12.604
	Ca	44	74.881613	mg/L	725337.28	0.856	5.615
>	Sc	45		mg/L	770915.78	770915.784	6.689
	Ti	47	0.989994	mg/L	25850.40	0.032	1.134
	V	51	1.029819	mg/L	348448.46	0.492	10.163
	Cr	52	0.948218	mg/L	333340.96	0.408	18.600
	Mn	55	3.095267	mg/L	1589691.15	2.065	5.348
	Fe	57	76.315561	mg/L	1109372.64	1.420	2.266
	Ni	58	2.297641	mg/L	532992.84	1.233	10.334
	Co	59	1.209718	mg/L	534141.52	1.256	0.829
	Ni	60	1.589025	mg/L	150683.65	0.354	4.639
	Ni	62	1.655923	mg/L	22946.22	0.053	3.654
	Cu	63	1.970766	mg/L	399200.88	0.938	4.580
	Cu	65	1.952717	mg/L	193085.31	0.454	9.202
	Zn	66	4.099928	mg/L	239498.32	0.563	8.067
	Zn	68	3.931780	mg/L	164951.11	0.386	3.500
	Ga	69	0.964805	mg/L	374882.45	0.877	3.887
>	Ge	72		mg/L	425073.70	425073.697	2.961
	As	75	1.037530	mg/L	64529.48	0.155	3.257
	Se	77	-0.583947	mg/L	5439.35	-0.003	32.801
	Se	82	0.958237	mg/L	6487.28	0.003	12.639
	Sr	88	1.261690	mg/L	1105672.03	0.524	3.591
>	Y	89		mg/L	2108743.50	2108743.502	6.171
	Mo	95	1.054900	mg/L	134642.60	0.064	6.579
	Mo	98	1.052577	mg/L	217693.94	0.103	10.367
>	Rh	103		mg/L	1774276.20	1774276.203	3.205
	Ag	107	0.681602	mg/L	248296.34	0.140	3.683
	Ag	109	0.679488	mg/L	235039.09	0.132	5.431
	Cd	111	1.036070	mg/L	96515.46	0.054	1.591
	Cd	114	1.042664	mg/L	233343.10	0.132	9.744
>	In	115		mg/L	2411499.32	2411499.320	5.797
	Sn	118	1.029647	mg/L	306994.71	0.127	4.547
	Sn	120	1.033228	mg/L	416813.80	0.173	10.875
	Sb	121	0.932991	mg/L	302492.74	0.125	11.743
	Sb	123	0.973507	mg/L	242010.56	0.100	7.118
	Ba	135	1.038156	mg/L	95397.32	0.032	8.834

	Ba	137	1.028184	mg/L	163274.44	0.055	5.644
>	Tb	159		mg/L	2966788.54	2966788.541	0.844
>	Ho	165		mg/L	2977569.32	2977569.316	6.492
	Hg	202	0.187662	mg/L	84.67	-0.000	40.333
	Tl	203	0.880824	mg/L	353439.00	0.119	3.808
	Tl	205	0.895494	mg/L	836411.08	0.282	9.404
	Pb	208	1.034590	mg/L	1310310.78	0.441	5.560
	Bi	209	0.880653	mg/L	968601.34	0.325	2.128
	Th	232	0.855728	mg/L	1173054.00	0.394	4.318
	U	238	0.826585	mg/L	1149199.26	0.387	10.144

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-06RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:16:27
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-06RE1.155
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 38

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	190112.67	190112.669	2.551
	Be	9	-0.002594	mg/L	6.67	-0.000	40.192
	B	11	0.582302	mg/L	8168.76	0.039	8.781
	Na	23	438.439581	mg/L	76623561.44	100.627	2.970
	Mg	24	48.516492	mg/L	5693914.17	7.508	10.503
	Al	27	2.301740	mg/L	428866.73	0.560	12.815
	Si	28	19.697040	mg/L	1979368.65	2.566	11.402
	K	39	5.626732	mg/L	3128643.56	2.310	8.510
	Ca	44	31.651711	mg/L	345866.48	0.368	3.481
>	Sc	45		mg/L	761061.93	761061.932	5.715
	Ti	47	-0.004068	mg/L	1000.40	0.000	128.041
	V	51	0.093643	mg/L	-3584.34	0.033	4.870
	Cr	52	-0.044301	mg/L	14238.29	-0.009	19.516
	Mn	55	4.313994	mg/L	2188921.78	2.876	4.883
	Fe	57	152.677607	mg/L	2175028.20	2.842	2.818
	Ni	58	1.308448	mg/L	322705.01	0.703	5.802
	Co	59	-0.004132	mg/L	404.35	0.000	48.728
	Ni	60	-0.006518	mg/L	219.34	0.000	408.005
	Ni	62	0.022261	mg/L	702.37	0.001	17.514
	Cu	63	-0.009394	mg/L	1605.49	0.002	11.034
	Cu	65	-0.008292	mg/L	583.69	0.000	14.863
	Zn	66	-0.014393	mg/L	1126.75	0.001	13.134
	Zn	68	-0.016974	mg/L	1091.41	0.000	37.010
	Ga	69	-0.004169	mg/L	2036.92	0.000	53.909
>	Ge	72		mg/L	444415.35	444415.346	1.449
	As	75	0.023630	mg/L	580.30	0.004	2.977
	Se	77	-1.686214	mg/L	925.06	-0.014	0.894
	Se	82	0.008047	mg/L	54.41	0.000	35.454
	Sr	88	0.256064	mg/L	235354.11	0.108	8.620
>	Y	89		mg/L	2176148.17	2176148.166	2.869
	Mo	95	0.010840	mg/L	2360.34	0.001	22.581
	Mo	98	0.012024	mg/L	3760.34	0.001	23.694
>	Rh	103		mg/L	1816704.14	1816704.135	5.348
	Ag	107	0.012843	mg/L	6295.81	0.003	41.369
	Ag	109	0.011749	mg/L	6051.23	0.003	36.065
	Cd	111	-0.004898	mg/L	53.67	-0.000	3.710
	Cd	114	-0.001270	mg/L	118.16	-0.000	17.300
>	In	115		mg/L	2464761.07	2464761.066	1.363
	Sn	118	0.003769	mg/L	2819.80	0.001	12.385
	Sn	120	0.001161	mg/L	3761.33	0.001	14.849
	Sb	121	0.037717	mg/L	18083.34	0.006	13.439
	Sb	123	0.038030	mg/L	13816.55	0.005	15.189
	Ba	135	0.086530	mg/L	8045.64	0.003	5.878

	Ba	137	0.087531	mg/L	14071.07	0.005	12.651
>	Tb	159		mg/L	2940815.62	2940815.620	7.183
>	Ho	165		mg/L	2930245.85	2930245.854	6.857
	Hg	202	0.055860	mg/L	55.67	-0.000	15.240
	Tl	203	0.001784	mg/L	928.72	0.000	29.339
	Tl	205	-0.000526	mg/L	2170.28	0.000	18.554
	Pb	208	-0.003176	mg/L	3639.65	0.001	5.665
	Bi	209	0.007821	mg/L	9409.71	0.003	17.717
	Th	232	0.013671	mg/L	11932.67	0.003	18.248
	U	238	-0.001718	mg/L	256.67	-0.000	7.313

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-10RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:21:33
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-10RE1.156
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 39

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	203982.93	203982.932	4.095
	Be	9	-0.000135	mg/L	6.00	-0.000	38.561
	B	11	0.008469	mg/L	3427.17	0.013	132.172
	Na	23	S	mg/L	S	S	S
	Mg	24	0.002965	mg/L	10378.31	0.011	170.965
	Al	27	0.000086	mg/L	6798.16	0.003	249.700
	Si	28	-0.038022	mg/L	102097.70	0.085	76.874
	K	39	2.368562	mg/L	15638340.31	18.198	161.007
	Ca	44	18.023745	mg/L	3260017.47	4.082	162.876
>	Sc	45		mg/L	774705.76	774705.758	4.521
	Ti	47	-0.000736	mg/L	756.04	-0.000	30.612
	V	51	0.004597	mg/L	-4371.10	0.033	4.543
	Cr	52	-0.001594	mg/L	18619.83	-0.004	228.755
	Mn	55	-0.000304	mg/L	2898.83	0.001	24.091
	Fe	57	0.032820	mg/L	23861.31	0.012	217.574
	Ni	58	-0.000136	mg/L	10970.02	0.001	1249.598
	Co	59	-0.000106	mg/L	1359.83	0.002	122.171
	Ni	60	0.000347	mg/L	1578.67	0.003	166.725
	Ni	62	-0.000087	mg/L	369.01	0.000	171.542
	Cu	63	-0.000442	mg/L	1758.00	0.002	180.177
	Cu	65	-0.000385	mg/L	658.71	0.001	236.912
	Zn	66	-0.001092	mg/L	690.37	-0.000	149.393
	Zn	68	-0.000755	mg/L	1200.12	0.001	289.148
	Ga	69	0.000251	mg/L	5861.58	0.009	184.974
>	Ge	72		mg/L	455065.55	455065.549	1.319
	As	75	0.002235	mg/L	2018.52	0.007	1.505
	Se	77	-0.079624	mg/L	1361.14	-0.013	14.994
	Se	82	0.000158	mg/L	23.64	-0.000	1703.819
	Sr	88	0.173248	mg/L	3344682.03	1.436	163.982
>	Y	89		mg/L	2242179.58	2242179.583	3.538
	Mo	95	-0.000136	mg/L	613.71	-0.000	1090.530
	Mo	98	-0.000080	mg/L	903.24	-0.000	734.637
>	Rh	103		mg/L	1935241.01	1935241.011	0.990
	Ag	107	-0.000170	mg/L	293.68	-0.000	188.483
	Ag	109	-0.000245	mg/L	237.67	-0.000	191.347
	Cd	111	-0.000254	mg/L	39.00	-0.000	8.486
	Cd	114	-0.000072	mg/L	86.45	-0.000	9.034
>	In	115		mg/L	2571223.42	2571223.422	9.148
	Sn	118	-0.000196	mg/L	509.69	-0.000	111.317
	Sn	120	-0.000301	mg/L	859.84	-0.000	1660.515
	Sb	121	-0.000571	mg/L	2109.97	-0.000	448.420
	Sb	123	-0.000531	mg/L	1706.44	-0.000	1051.344
	Ba	135	0.012270	mg/L	26395.88	0.008	166.327

	Ba	137	0.011998	mg/L	44665.91	0.013	166.455
>	Tb	159		mg/L	3360755.40	3360755.396	3.793
>	Ho	165		mg/L	3288995.00	3288994.999	1.302
	Hg	202	-0.001961	mg/L	41.00	-0.000	5.179
	Tl	203	0.000031	mg/L	527.36	-0.000	357.580
	Tl	205	-0.000082	mg/L	1287.79	-0.000	857.068
	Pb	208	-0.000264	mg/L	1151.71	-0.000	52.615
	Bi	209	-0.000008	mg/L	897.07	-0.000	97.125
	Th	232	0.000314	mg/L	2169.95	-0.000	39.442
	U	238	-0.000093	mg/L	64.67	-0.000	0.778

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-11RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:26:38
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-11RE1.157
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 40

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	200730.97	200730.974	4.885
	Be	9	-0.000112	mg/L	11.00	-0.000	65.444
	B	11	0.003499	mg/L	2037.33	0.006	103.646
	Na	23	0.128132	mg/L	606471.62	0.662	158.293
	Mg	24	1.633478	mg/L	3826897.33	5.056	152.770
	Al	27	-0.000785	mg/L	3339.32	-0.001	52.799
	Si	28	-0.038570	mg/L	97244.36	0.084	70.120
	K	39	0.361257	mg/L	3552497.33	2.918	156.284
	Ca	44	0.092128	mg/L	88212.45	0.031	163.804
>	Sc	45		mg/L	743799.31	743799.308	3.246
	Ti	47	-0.000813	mg/L	688.70	-0.000	12.102
	V	51	0.004694	mg/L	-3494.05	0.034	7.907
	Cr	52	-0.000076	mg/L	27589.12	0.009	339.194
	Mn	55	-0.000210	mg/L	3742.36	0.003	116.359
	Fe	57	-0.004274	mg/L	12532.63	-0.002	139.222
	Ni	58	-0.000257	mg/L	10045.36	-0.001	318.879
	Co	59	-0.000158	mg/L	846.05	0.001	69.284
	Ni	60	-0.000327	mg/L	214.34	0.000	8733.974
	Ni	62	-0.000243	mg/L	313.01	0.000	108.588
	Cu	63	-0.000648	mg/L	847.74	0.000	383.702
	Cu	65	-0.000423	mg/L	561.03	0.000	276.268
	Zn	66	-0.000625	mg/L	1228.80	0.001	239.806
	Zn	68	-0.000932	mg/L	1008.75	0.000	584.305
	Ga	69	-0.000329	mg/L	1059.41	-0.002	20.897
>	Ge	72		mg/L	440047.37	440047.371	0.830
	As	75	0.002461	mg/L	2247.72	0.008	1.399
	Se	77	-0.086093	mg/L	763.04	-0.014	2.559
	Se	82	-0.000231	mg/L	-36.94	-0.000	99.772
	Sr	88	0.000413	mg/L	13475.92	0.005	158.256
>	Y	89		mg/L	2266727.35	2266727.346	2.965
	Mo	95	0.001292	mg/L	4595.36	0.002	118.353
	Mo	98	0.001237	mg/L	6857.96	0.003	111.196
>	Rh	103		mg/L	1904002.14	1904002.139	2.263
	Ag	107	-0.000187	mg/L	155.00	-0.000	8.522
	Ag	109	-0.000264	mg/L	96.33	-0.000	4.748
	Cd	111	-0.000251	mg/L	45.00	-0.000	20.009
	Cd	114	-0.000069	mg/L	97.51	-0.000	2.799
>	In	115		mg/L	2465614.54	2465614.541	1.472
	Sn	118	-0.000202	mg/L	446.35	-0.000	92.188
	Sn	120	-0.000324	mg/L	625.88	-0.000	118.416
	Sb	121	-0.000729	mg/L	989.07	-0.001	22.020
	Sb	123	-0.000645	mg/L	1064.62	-0.000	85.414
	Ba	135	0.000007	mg/L	230.01	0.000	230.432

	Ba	137	-0.000028	mg/L	348.09	0.000	159.421
>	Tb	159		mg/L	3196188.10	3196188.100	2.753
>	Ho	165		mg/L	3151401.61	3151401.612	2.869
	Hg	202	-0.000790	mg/L	44.33	-0.000	6.569
	Tl	203	0.000084	mg/L	956.06	0.000	79.500
	Tl	205	-0.000033	mg/L	2201.31	0.000	82.373
	Pb	208	-0.000261	mg/L	1182.71	-0.000	247.836
	Bi	209	-0.000032	mg/L	277.67	-0.000	4.274
	Th	232	0.000303	mg/L	1755.54	-0.000	60.291
	U	238	-0.000092	mg/L	100.00	-0.000	11.264

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:31:44
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\RINSE.158
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	155176.64	155176.644	3.822
	Be	9	-0.000117	mg/L	7.67	-0.000	27.905
	B	11	0.000031	mg/L	847.05	0.002	10.105
	Na	23	-0.021565	mg/L	76976.84	-0.024	22.571
	Mg	24	0.001357	mg/L	5418.76	0.006	48.855
	Al	27	-0.000479	mg/L	3909.88	0.000	359.087
	Si	28	-0.060565	mg/L	50242.76	0.031	31.867
	K	39	0.029289	mg/L	1440222.51	0.391	40.502
	Ca	44	-0.012565	mg/L	61851.10	0.007	90.931
>	Sc	45		mg/L	656928.12	656928.123	6.182
	Ti	47	-0.000504	mg/L	738.70	-0.000	144.440
	V	51	0.004871	mg/L	-2008.07	0.035	10.281
	Cr	52	-0.001562	mg/L	15881.70	-0.004	61.295
	Mn	55	-0.000465	mg/L	1044.40	-0.001	24.499
	Fe	57	0.004315	mg/L	13139.31	0.001	58.269
	Ni	58	0.000182	mg/L	10442.11	0.004	67.430
	Co	59	-0.000180	mg/L	558.69	0.001	7.937
	Ni	60	-0.000374	mg/L	107.00	-0.000	2.064
	Ni	62	-0.000170	mg/L	288.67	0.000	74.815
	Cu	63	-0.000707	mg/L	517.35	-0.000	112.729
	Cu	65	-0.000500	mg/L	348.34	-0.000	276.817
	Zn	66	-0.000814	mg/L	864.72	0.001	30.385
	Zn	68	-0.001054	mg/L	780.37	0.000	158.460
	Ga	69	-0.000333	mg/L	883.39	-0.002	7.905
>	Ge	72		mg/L	380013.25	380013.249	3.141
	As	75	0.000971	mg/L	257.05	0.003	7.440
	Se	77	-0.087044	mg/L	588.69	-0.014	0.078
	Se	82	-0.000122	mg/L	-16.85	-0.000	20.022
	Sr	88	-0.000230	mg/L	869.05	-0.000	211.967
>	Y	89		mg/L	1903691.45	1903691.454	4.472
	Mo	95	0.000820	mg/L	2690.10	0.001	24.022
	Mo	98	0.000869	mg/L	4263.67	0.002	27.725
>	Rh	103		mg/L	1690565.40	1690565.398	2.019
	Ag	107	-0.000187	mg/L	141.67	-0.000	12.403
	Ag	109	-0.000263	mg/L	92.67	-0.000	3.775
	Cd	111	-0.000239	mg/L	59.67	-0.000	24.205
	Cd	114	-0.000060	mg/L	125.64	-0.000	3.248
>	In	115		mg/L	2225616.70	2225616.696	5.334
	Sn	118	-0.000157	mg/L	649.36	0.000	41.762
	Sn	120	-0.000275	mg/L	924.57	0.000	62.324
	Sb	121	-0.000473	mg/L	2395.01	0.000	55.575
	Sb	123	-0.000447	mg/L	1857.32	0.000	12.619
	Ba	135	-0.000045	mg/L	120.34	-0.000	12.469

	Ba	137	-0.000071	mg/L	188.07	-0.000	14.106
>	Tb	159		mg/L	2948238.79	2948238.788	2.186
>	Ho	165		mg/L	2843442.94	2843442.940	4.279
	Hg	202	0.000885	mg/L	46.67	-0.000	4.240
	Tl	203	0.000209	mg/L	1826.87	0.000	2.771
	Tl	205	0.000099	mg/L	4342.08	0.001	4.962
	Pb	208	-0.000278	mg/L	673.68	-0.000	12.334
	Bi	209	-0.000026	mg/L	381.35	-0.000	1.111
	Th	232	0.000291	mg/L	1273.10	-0.001	3.252
	U	238	-0.000091	mg/L	105.00	-0.000	1.424

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:36:48
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV3.159
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	181884.88	181884.881	2.794
	Be	9	0.045941	mg/L	9236.45	0.051	3.750
	B	11	0.047215	mg/L	12053.80	0.063	10.953
	Na	23	0.433440	mg/L	1626670.91	2.063	3.597
	Mg	24	0.451499	mg/L	1031692.12	1.398	6.304
	Al	27	0.221738	mg/L	795443.98	1.077	12.482
	Si	28	-0.022263	mg/L	124682.95	0.124	17.146
	K	39	0.455132	mg/L	4005198.42	3.633	10.050
	Ca	44	0.420909	mg/L	141779.59	0.105	5.959
>	Sc	45		mg/L	738225.19	738225.195	6.438
	Ti	47	0.042260	mg/L	21252.03	0.028	4.545
	V	51	0.039990	mg/L	249754.85	0.380	19.351
	Cr	52	0.041101	mg/L	280853.50	0.355	14.826
	Mn	55	0.044212	mg/L	439892.48	0.594	0.823
	Fe	57	0.170207	mg/L	60320.78	0.063	3.777
	Ni	58	0.041924	mg/L	202471.80	0.451	3.436
	Co	59	0.039451	mg/L	350413.05	0.821	5.373
	Ni	60	0.040306	mg/L	77023.89	0.180	9.290
	Ni	62	0.042657	mg/L	12040.43	0.028	1.772
	Cu	63	0.043692	mg/L	179724.84	0.420	3.965
	Cu	65	0.042182	mg/L	84647.11	0.197	6.623
	Zn	66	0.039344	mg/L	47751.29	0.110	3.462
	Zn	68	0.038643	mg/L	33966.82	0.078	6.440
	Ga	69	0.039557	mg/L	308883.97	0.720	9.469
>	Ge	72		mg/L	426715.99	426715.994	2.550
	As	75	0.042691	mg/L	53169.01	0.127	2.079
	Se	77	0.030797	mg/L	10456.13	0.009	12.364
	Se	82	0.039382	mg/L	5301.19	0.003	5.540
	Sr	88	0.040225	mg/L	699915.97	0.335	5.009
>	Y	89		mg/L	2086671.90	2086671.902	1.313
	Mo	95	0.044441	mg/L	112624.91	0.054	5.422
	Mo	98	0.044516	mg/L	182957.53	0.087	8.074
>	Rh	103		mg/L	1744750.41	1744750.407	4.184
	Ag	107	0.022356	mg/L	160574.05	0.092	0.546
	Ag	109	0.023123	mg/L	157589.76	0.090	3.739
	Cd	111	0.043818	mg/L	80169.03	0.046	9.227
	Cd	114	0.043287	mg/L	190347.78	0.109	11.508
>	In	115		mg/L	2365820.36	2365820.365	1.794
	Sn	118	0.040116	mg/L	235204.34	0.099	6.281
	Sn	120	0.040888	mg/L	325286.48	0.137	9.468
	Sb	121	0.043041	mg/L	275315.97	0.116	4.549
	Sb	123	0.044062	mg/L	215785.14	0.091	3.936
	Ba	135	0.040362	mg/L	72126.45	0.025	2.777

	Ba	137	0.040168	mg/L	123791.53	0.043	7.097
>	Tb	159		mg/L	2883622.93	2883622.932	5.043
>	Ho	165		mg/L	2870297.86	2870297.862	5.711
	Hg	202	0.023921	mg/L	139.67	0.000	26.315
	Tl	203	0.037363	mg/L	288680.09	0.101	7.946
	Tl	205	0.037954	mg/L	683526.52	0.239	11.724
	Pb	208	0.039394	mg/L	964915.15	0.336	2.948
	Bi	209	0.037676	mg/L	798065.98	0.278	2.784
	Th	232	0.036205	mg/L	954883.46	0.333	7.546
	U	238	0.035912	mg/L	962983.54	0.337	11.191

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB3
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:41:52
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB3.160
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	171865.54	171865.540	3.741
	Be	9	-0.000083	mg/L	15.00	0.000	63.773
	B	11	-0.000008	mg/L	929.72	0.002	26.676
	Na	23	-0.016491	mg/L	103139.68	-0.001	701.397
	Mg	24	0.000009	mg/L	3039.21	0.001	29.313
	Al	27	-0.000075	mg/L	5813.93	0.002	46.956
	Si	28	-0.067072	mg/L	44721.92	0.015	48.273
	K	39	0.007629	mg/L	1487671.92	0.227	84.332
	Ca	44	-0.004582	mg/L	70398.24	0.009	88.711
>	Sc	45		mg/L	734979.47	734979.470	7.795
	Ti	47	-0.000265	mg/L	940.06	0.000	59.839
	V	51	0.000313	mg/L	-34431.90	-0.009	162.824
	Cr	52	-0.000566	mg/L	23802.78	0.005	103.277
	Mn	55	-0.000409	mg/L	1714.51	0.000	247.693
	Fe	57	0.000854	mg/L	13738.86	-0.000	498.909
	Ni	58	0.000079	mg/L	10896.98	0.003	63.332
	Co	59	-0.000212	mg/L	332.34	-0.000	80.378
	Ni	60	-0.000302	mg/L	247.67	0.000	28.705
	Ni	62	-0.000292	mg/L	280.34	0.000	117.224
	Cu	63	-0.000684	mg/L	652.70	0.000	72.783
	Cu	65	-0.000490	mg/L	398.35	0.000	358.595
	Zn	66	-0.001014	mg/L	713.70	-0.000	433.829
	Zn	68	-0.000968	mg/L	918.72	0.000	47.192
	Ga	69	-0.000181	mg/L	2095.26	0.001	21.986
>	Ge	72		mg/L	412716.25	412716.253	2.643
	As	75	-0.000058	mg/L	-974.08	0.000	393.797
	Se	77	-0.008618	mg/L	6939.05	0.001	89.512
	Se	82	0.000185	mg/L	21.96	-0.000	226.039
	Sr	88	-0.000219	mg/L	1102.08	0.000	73.642
>	Y	89		mg/L	2029980.53	2029980.534	6.865
	Mo	95	0.000397	mg/L	1845.21	0.001	18.227
	Mo	98	0.000490	mg/L	3056.09	0.001	17.507
>	Rh	103		mg/L	1757047.55	1757047.549	1.067
	Ag	107	-0.000120	mg/L	627.36	0.000	73.980
	Ag	109	-0.000193	mg/L	570.36	0.000	78.707
	Cd	111	-0.000220	mg/L	97.33	-0.000	30.641
	Cd	114	-0.000034	mg/L	246.12	0.000	47.067
>	In	115		mg/L	2366330.42	2366330.420	7.170
	Sn	118	-0.000074	mg/L	1170.09	0.000	32.537
	Sn	120	-0.000193	mg/L	1618.01	0.000	37.713
	Sb	121	0.001001	mg/L	11737.79	0.004	21.383
	Sb	123	0.001056	mg/L	9152.59	0.003	21.157
	Ba	135	-0.000027	mg/L	147.00	-0.000	93.309

	Ba	137	-0.000048	mg/L	252.45	0.000	51.039
>	Tb	159		mg/L	2839582.07	2839582.071	0.748
>	Ho	165		mg/L	2919651.30	2919651.295	6.149
	Hg	202	0.016016	mg/L	109.67	0.000	158.240
	Tl	203	0.000059	mg/L	689.37	0.000	44.454
	Tl	205	-0.000047	mg/L	1779.86	0.000	39.478
	Pb	208	-0.000254	mg/L	1274.05	0.000	336.494
	Bi	209	0.000062	mg/L	2268.98	0.000	50.860
	Th	232	0.000793	mg/L	14807.34	0.004	21.324
	U	238	-0.000065	mg/L	834.05	0.000	165.424

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-12RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:46:56
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-12RE1.161
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 41

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	215390.20	215390.199	6.682
	Be	9	0.002336	mg/L	582.37	0.003	93.819
	B	11	0.001007	mg/L	1427.15	0.003	117.987
	Na	23	S	mg/L	S	S	S
	Mg	24	36.678171	mg/L	103594917.74	113.497	93.460
	Al	27	0.851736	mg/L	3767246.19	4.131	91.647
	Si	28	12.336548	mg/L	27352664.30	30.093	89.273
	K	39	0.415488	mg/L	4585266.22	3.331	93.254
	Ca	44	9.926483	mg/L	2122258.99	2.253	90.063
>	Sc	45		mg/L	866529.32	866529.323	9.390
	Ti	47	0.001275	mg/L	2038.98	0.001	120.250
	V	51	0.002786	mg/L	-20338.40	0.015	80.038
	Cr	52	-0.001702	mg/L	20257.43	-0.005	125.833
	Mn	55	0.312246	mg/L	3782078.01	4.160	90.041
	Fe	57	6.285182	mg/L	2151110.66	2.339	93.414
	Ni	58	0.247265	mg/L	1230824.22	2.651	106.364
	Co	59	0.132933	mg/L	1270956.76	2.755	103.788
	Ni	60	0.188319	mg/L	387379.19	0.836	100.621
	Ni	62	0.211909	mg/L	63802.35	0.136	94.802
	Cu	63	0.000928	mg/L	7841.16	0.015	100.765
	Cu	65	0.001129	mg/L	3922.96	0.008	102.860
	Zn	66	0.356887	mg/L	451721.70	0.977	103.541
	Zn	68	0.336472	mg/L	306487.85	0.660	100.200
	Ga	69	-0.000040	mg/L	3594.52	0.003	121.556
>	Ge	72		mg/L	481612.28	481612.277	8.961
	As	75	0.002417	mg/L	2386.07	0.008	7.733
	Se	77	-0.046418	mg/L	4430.41	-0.006	103.214
	Se	82	0.002015	mg/L	403.86	0.000	133.767
	Sr	88	0.094078	mg/L	2400899.14	0.781	92.393
>	Y	89		mg/L	2849417.22	2849417.223	14.179
	Mo	95	-0.000189	mg/L	615.70	-0.000	151.556
	Mo	98	-0.000127	mg/L	910.18	-0.000	135.262
>	Rh	103		mg/L	1910151.68	1910151.680	14.544
	Ag	107	-0.000181	mg/L	191.34	-0.000	78.756
	Ag	109	-0.000259	mg/L	123.34	-0.000	59.099
	Cd	111	0.000529	mg/L	1458.86	0.001	99.824
	Cd	114	0.000651	mg/L	3238.07	0.002	107.874
>	In	115		mg/L	2469258.45	2469258.445	5.537
	Sn	118	-0.000177	mg/L	596.03	-0.000	980.408
	Sn	120	-0.000303	mg/L	788.88	-0.000	1126.721
	Sb	121	-0.000406	mg/L	3048.98	0.000	204.380
	Sb	123	-0.000345	mg/L	2528.53	0.000	183.234
	Ba	135	0.007848	mg/L	15007.14	0.005	108.324

	Ba	137	0.006859	mg/L	22826.58	0.007	104.738
>	Tb	159		mg/L	3193378.89	3193378.892	7.209
>	Ho	165		mg/L	3108236.92	3108236.917	2.600
	Hg	202	0.000597	mg/L	49.67	-0.000	15.175
	Tl	203	0.000030	mg/L	486.69	-0.000	234.684
	Tl	205	-0.000086	mg/L	1132.42	-0.000	311.058
	Pb	208	0.001011	mg/L	34128.23	0.011	99.811
	Bi	209	-0.000024	mg/L	454.02	-0.000	25.873
	Th	232	0.000571	mg/L	9364.18	0.002	106.122
	U	238	0.000369	mg/L	13290.22	0.004	104.333

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-13RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:52:02
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-13RE1.162
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 42

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	200362.52	200362.516	6.817
	Be	9	-0.000119	mg/L	9.33	-0.000	23.867
	B	11	0.011244	mg/L	4007.96	0.016	27.488
	Na	23	S	mg/L	S	S	S
	Mg	24	2.857380	mg/L	7077143.60	8.843	47.134
	Al	27	-0.000757	mg/L	3667.79	-0.001	42.712
	Si	28	0.051245	mg/L	278968.32	0.302	65.889
	K	39	0.911345	mg/L	7166961.85	7.106	86.250
	Ca	44	1.303693	mg/L	315729.19	0.305	99.044
>	Sc	45		mg/L	790408.68	790408.681	4.002
	Ti	47	-0.000715	mg/L	782.04	-0.000	18.089
	V	51	0.004123	mg/L	-8082.98	0.028	5.856
	Cr	52	-0.002263	mg/L	14551.87	-0.010	12.796
	Mn	55	0.006474	mg/L	76541.02	0.092	125.907
	Fe	57	0.223339	mg/L	82515.76	0.083	136.492
	Ni	58	0.001350	mg/L	18467.80	0.016	157.189
	Co	59	-0.000191	mg/L	555.36	0.000	54.595
	Ni	60	-0.000314	mg/L	254.01	0.000	692.273
	Ni	62	-0.000095	mg/L	369.68	0.000	192.075
	Cu	63	-0.000540	mg/L	1367.84	0.001	175.409
	Cu	65	-0.000455	mg/L	516.02	0.000	190.397
	Zn	66	-0.001047	mg/L	747.71	-0.000	236.669
	Zn	68	-0.001242	mg/L	767.71	-0.000	49.423
	Ga	69	-0.000252	mg/L	1731.85	-0.000	162.030
>	Ge	72		mg/L	453642.19	453642.192	4.380
	As	75	0.002410	mg/L	2244.89	0.008	3.760
	Se	77	-0.080994	mg/L	1243.43	-0.013	3.676
	Se	82	-0.000115	mg/L	-19.18	-0.000	22.283
	Sr	88	0.005097	mg/L	104426.53	0.044	125.443
>	Y	89		mg/L	2283687.75	2283687.746	5.674
	Mo	95	-0.000311	mg/L	127.67	-0.000	7.098
	Mo	98	-0.000243	mg/L	165.88	-0.000	4.126
>	Rh	103		mg/L	2010320.08	2010320.083	7.881
	Ag	107	-0.000199	mg/L	68.67	-0.000	3.362
	Ag	109	-0.000274	mg/L	22.00	-0.000	1.092
	Cd	111	-0.000255	mg/L	38.00	-0.000	6.585
	Cd	114	-0.000070	mg/L	99.69	-0.000	7.142
>	In	115		mg/L	2628268.01	2628268.010	0.493
	Sn	118	-0.000229	mg/L	305.01	-0.000	4.073
	Sn	120	-0.000354	mg/L	403.20	-0.000	0.728
	Sb	121	-0.000778	mg/L	711.70	-0.001	10.264
	Sb	123	-0.000759	mg/L	528.89	-0.000	14.344
	Ba	135	0.000094	mg/L	402.68	0.000	155.735

	Ba	137	0.000062	mg/L	657.00	0.000	148.185
>	Tb	159		mg/L	3189540.73	3189540.731	2.144
>	Ho	165		mg/L	3258417.78	3258417.776	2.235
	Hg	202	-0.002506	mg/L	38.00	-0.000	8.616
	Tl	203	0.000024	mg/L	463.35	-0.000	133.106
	Tl	205	-0.000092	mg/L	1082.75	-0.000	189.741
	Pb	208	-0.000253	mg/L	1452.73	0.000	623.319
	Bi	209	-0.000036	mg/L	199.34	-0.000	4.535
	Th	232	0.000291	mg/L	1462.14	-0.001	19.710
	U	238	-0.000093	mg/L	66.67	-0.000	2.114

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-14RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 22:57:07
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-14RE1.163
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 43

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	192019.33	192019.333	5.546
	Be	9	-0.000130	mg/L	6.67	-0.000	29.298
	B	11	0.001108	mg/L	1329.12	0.003	56.005
	Na	23	1.051443	mg/L	3850764.84	4.897	86.495
	Mg	24	0.000426	mg/L	4143.53	0.003	115.307
	Al	27	-0.000558	mg/L	4272.44	-0.000	894.462
	Si	28	-0.040216	mg/L	96361.22	0.080	46.799
	K	39	0.562746	mg/L	4784521.48	4.452	88.987
	Ca	44	0.689212	mg/L	193369.62	0.166	87.104
>	Sc	45		mg/L	763842.91	763842.908	3.822
	Ti	47	-0.000876	mg/L	676.37	-0.000	15.392
	V	51	0.004943	mg/L	-1655.88	0.036	9.178
	Cr	52	-0.002426	mg/L	12980.08	-0.011	10.149
	Mn	55	-0.000333	mg/L	2562.06	0.001	47.355
	Fe	57	-0.012884	mg/L	10394.39	-0.005	8.934
	Ni	58	-0.000504	mg/L	8850.08	-0.003	43.900
	Co	59	-0.000188	mg/L	569.02	0.000	48.587
	Ni	60	-0.000335	mg/L	199.67	-0.000	673.278
	Ni	62	-0.000379	mg/L	273.67	-0.000	72.246
	Cu	63	-0.000759	mg/L	385.01	-0.001	8.844
	Cu	65	-0.000511	mg/L	381.35	-0.000	165.337
	Zn	66	-0.001118	mg/L	635.03	-0.000	11.026
	Zn	68	-0.001387	mg/L	616.36	-0.001	14.758
	Ga	69	-0.000305	mg/L	1247.10	-0.001	12.651
>	Ge	72		mg/L	438636.04	438636.035	3.404
	As	75	0.002308	mg/L	2039.87	0.007	0.825
	Se	77	-0.084120	mg/L	928.72	-0.014	0.829
	Se	82	-0.000379	mg/L	-55.55	-0.000	56.355
	Sr	88	0.000127	mg/L	7425.75	0.003	94.790
>	Y	89		mg/L	2172706.37	2172706.367	2.331
	Mo	95	0.001927	mg/L	5902.16	0.002	168.447
	Mo	98	0.003393	mg/L	15405.61	0.007	170.211
>	Rh	103		mg/L	1853155.21	1853155.210	1.954
	Ag	107	-0.000198	mg/L	72.00	-0.000	5.249
	Ag	109	-0.000271	mg/L	40.67	-0.000	5.339
	Cd	111	-0.000228	mg/L	87.33	-0.000	417.170
	Cd	114	-0.000055	mg/L	158.28	-0.000	158.948
>	In	115		mg/L	2566705.16	2566705.158	5.022
	Sn	118	-0.000222	mg/L	344.68	-0.000	21.427
	Sn	120	-0.000341	mg/L	505.84	-0.000	46.089
	Sb	121	-0.000797	mg/L	574.36	-0.001	13.996
	Sb	123	-0.000770	mg/L	462.59	-0.001	14.201
	Ba	135	0.000143	mg/L	500.69	0.000	129.387

	Ba	137	0.000110	mg/L	822.81	0.000	128.748
>	Tb	159		mg/L	3223038.90	3223038.897	1.654
>	Ho	165		mg/L	3174451.88	3174451.881	3.721
	Hg	202	0.001180	mg/L	53.33	-0.000	40.602
	Tl	203	0.000075	mg/L	888.05	0.000	36.865
	Tl	205	-0.000040	mg/L	2080.26	0.000	47.283
	Pb	208	-0.000254	mg/L	1375.72	0.000	1011.496
	Bi	209	-0.000039	mg/L	132.34	-0.000	1.940
	Th	232	0.000277	mg/L	1001.07	-0.001	9.605
	U	238	-0.000094	mg/L	47.33	-0.000	1.419

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-15RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 23:02:12
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-15RE1.164
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 44

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	203570.71	203570.714	0.311
	Be	9	-0.000125	mg/L	8.33	-0.000	26.558
	B	11	0.003669	mg/L	2067.28	0.007	55.857
	Na	23	S	mg/L	S	S	S
	Mg	24	0.330180	mg/L	784282.79	1.023	140.844
	Al	27	-0.000839	mg/L	3370.66	-0.002	33.392
	Si	28	-0.025066	mg/L	127383.53	0.117	96.902
	K	39	0.123827	mg/L	2285962.00	1.111	165.679
	Ca	44	0.204401	mg/L	112510.27	0.056	147.660
>	Sc	45		mg/L	798305.44	798305.440	4.591
	Ti	47	-0.000900	mg/L	692.70	-0.000	33.185
	V	51	0.004316	mg/L	-6769.24	0.030	25.880
	Cr	52	-0.002275	mg/L	14565.82	-0.010	12.727
	Mn	55	0.000883	mg/L	15736.83	0.017	114.084
	Fe	57	-0.008029	mg/L	12321.90	-0.003	48.149
	Ni	58	-0.000408	mg/L	9760.01	-0.002	74.845
	Co	59	-0.000182	mg/L	647.36	0.001	54.694
	Ni	60	-0.000337	mg/L	201.34	-0.000	989.127
	Ni	62	-0.000196	mg/L	340.34	0.000	203.057
	Cu	63	-0.000664	mg/L	809.39	0.000	385.457
	Cu	65	-0.000511	mg/L	398.35	-0.000	309.078
	Zn	66	-0.001070	mg/L	725.37	-0.000	158.874
	Zn	68	-0.001248	mg/L	770.71	-0.000	89.408
	Ga	69	-0.000284	mg/L	1472.81	-0.001	95.590
>	Ge	72		mg/L	460771.80	460771.801	2.402
	As	75	0.002417	mg/L	2287.50	0.008	10.326
	Se	77	-0.082603	mg/L	1108.41	-0.013	3.973
	Se	82	0.000039	mg/L	2.49	-0.000	202.385
	Sr	88	0.009546	mg/L	181839.56	0.081	94.554
>	Y	89		mg/L	2267914.29	2267914.294	4.554
	Mo	95	-0.000018	mg/L	923.76	0.000	400.513
	Mo	98	0.000046	mg/L	1446.44	0.000	404.179
>	Rh	103		mg/L	1971173.65	1971173.651	4.393
	Ag	107	-0.000198	mg/L	76.00	-0.000	2.641
	Ag	109	-0.000273	mg/L	31.00	-0.000	3.963
	Cd	111	-0.000251	mg/L	46.00	-0.000	11.022
	Cd	114	-0.000072	mg/L	84.25	-0.000	8.640
>	In	115		mg/L	2714982.34	2714982.337	6.388
	Sn	118	-0.000222	mg/L	357.68	-0.000	27.183
	Sn	120	-0.000349	mg/L	452.53	-0.000	26.620
	Sb	121	-0.000816	mg/L	457.35	-0.001	5.256
	Sb	123	-0.000796	mg/L	338.12	-0.001	5.671
	Ba	135	0.000425	mg/L	1126.80	0.000	123.640

	Ba	137	0.000360	mg/L	1786.41	0.000	125.765
>	Tb	159		mg/L	3444488.56	3444488.562	6.534
>	Ho	165		mg/L	3350087.68	3350087.682	7.889
	Hg	202	-0.002231	mg/L	40.33	-0.000	7.636
	Tl	203	0.000030	mg/L	538.02	-0.000	273.866
	Tl	205	-0.000087	mg/L	1225.44	-0.000	298.501
	Pb	208	-0.000254	mg/L	1447.39	0.000	781.793
	Bi	209	-0.000038	mg/L	142.67	-0.000	3.021
	Th	232	0.000269	mg/L	796.04	-0.001	5.830
	U	238	-0.000093	mg/L	54.67	-0.000	2.995

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-20RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 23:07:18
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-20RE1.165
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 45

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	188572.76	188572.757	11.433
	Be	9	-0.000122	mg/L	8.00	-0.000	74.971
	B	11	0.022204	mg/L	6041.49	0.031	88.530
	Na	23	S	mg/L	S	S	S
	Mg	24	0.035324	mg/L	76271.09	0.111	102.605
	Al	27	0.003651	mg/L	17521.49	0.020	125.205
	Si	28	0.698283	mg/L	1291316.58	1.871	100.715
	K	39	S	mg/L	S	S	S
	Ca	44	278.291955	mg/L	42699203.73	62.872	94.100
>	Sc	45		mg/L	737132.85	737132.849	13.213
	Ti	47	0.000145	mg/L	1099.41	0.000	180.316
	V	51	0.030439	mg/L	165238.99	0.286	93.770
	Cr	52	-0.001084	mg/L	20208.98	0.000	3367.600
	Mn	55	0.000234	mg/L	7665.03	0.009	67.189
	Fe	57	0.673587	mg/L	183658.31	0.250	94.455
	Ni	58	0.003784	mg/L	23944.63	0.042	104.726
	Co	59	0.000321	mg/L	4101.49	0.011	107.158
	Ni	60	0.011978	mg/L	18959.32	0.055	104.910
	Ni	62	0.072022	mg/L	16422.34	0.046	95.701
	Cu	63	0.007887	mg/L	28942.76	0.081	92.013
	Cu	65	0.003341	mg/L	6727.84	0.018	74.957
	Zn	66	0.004050	mg/L	5615.53	0.014	78.163
	Zn	68	0.000235	mg/L	1666.19	0.003	112.952
	Ga	69	0.000171	mg/L	4117.87	0.007	115.671
>	Ge	72		mg/L	396224.79	396224.789	19.313
	As	75	0.012516	mg/L	12323.45	0.038	80.885
	Se	77	-0.008031	mg/L	6013.07	0.001	1304.427
	Se	82	0.029675	mg/L	3499.42	0.002	97.105
	Sr	88	1.277699	mg/L	19206857.27	10.577	102.264
>	Y	89		mg/L	2110987.32	2110987.323	21.299
	Mo	95	0.518220	mg/L	1137125.35	0.625	100.478
	Mo	98	0.530345	mg/L	1887597.15	1.039	102.294
>	Rh	103		mg/L	1778759.53	1778759.527	19.091
	Ag	107	-0.000189	mg/L	122.67	-0.000	36.229
	Ag	109	-0.000265	mg/L	75.67	-0.000	33.434
	Cd	111	0.001453	mg/L	2834.73	0.002	100.089
	Cd	114	0.001184	mg/L	5060.26	0.003	97.034
>	In	115		mg/L	2560316.63	2560316.629	15.590
	Sn	118	-0.000192	mg/L	500.69	-0.000	230.315
	Sn	120	-0.000315	mg/L	684.94	-0.000	253.082
	Sb	121	-0.000089	mg/L	4834.99	0.001	169.217
	Sb	123	-0.000063	mg/L	3738.67	0.001	163.451
	Ba	135	0.015122	mg/L	25165.76	0.009	105.162

	Ba	137	0.015292	mg/L	43816.06	0.016	108.778
>	Tb	159		mg/L	3133568.90	3133568.904	21.469
>	Ho	165		mg/L	3104139.91	3104139.915	17.908
	Hg	202	0.321778	mg/L	1268.82	0.000	110.529
	Tl	203	0.000004	mg/L	270.01	-0.000	26.611
	Tl	205	-0.000113	mg/L	599.03	-0.000	29.076
	Pb	208	-0.000209	mg/L	2344.16	0.000	136.192
	Bi	209	-0.000029	mg/L	334.01	-0.000	19.225
	Th	232	0.000349	mg/L	2760.25	-0.000	26521.384
	U	238	-0.000091	mg/L	118.67	-0.000	12.700

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-45RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 23:12:24
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-45RE1.166
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 46

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	199430.81	199430.808	9.986
	Be	9	-0.000105	mg/L	12.33	-0.000	98.982
	B	11	0.177139	mg/L	42301.54	0.231	165.306
	Na	23	S	mg/L	S	S	S
	Mg	24	13.457901	mg/L	31363928.53	41.645	172.910
	Al	27	0.001417	mg/L	11514.96	0.009	204.451
	Si	28	2.553022	mg/L	4833100.81	6.368	171.371
	K	39	S	mg/L	S	S	S
	Ca	44	25.903117	mg/L	4481582.96	5.861	172.897
>	Sc	45		mg/L	776160.16	776160.156	2.603
	Ti	47	-0.000237	mg/L	999.07	0.000	676.846
	V	51	0.002027	mg/L	-23429.65	0.007	484.933
	Cr	52	-0.001327	mg/L	20167.77	-0.002	843.743
	Mn	55	0.090713	mg/L	914900.32	1.213	172.723
	Fe	57	0.067718	mg/L	33187.61	0.025	200.430
	Ni	58	0.007342	mg/L	44475.53	0.081	184.360
	Co	59	0.000074	mg/L	2856.17	0.006	175.307
	Ni	60	0.008234	mg/L	16262.90	0.038	174.120
	Ni	62	0.010915	mg/L	3359.77	0.007	152.112
	Cu	63	-0.000006	mg/L	3425.05	0.007	159.700
	Cu	65	0.000239	mg/L	1878.65	0.003	118.411
	Zn	66	0.002075	mg/L	4344.35	0.008	166.900
	Zn	68	0.001562	mg/L	3064.49	0.005	187.957
	Ga	69	-0.000051	mg/L	3212.94	0.003	228.419
>	Ge	72		mg/L	444634.14	444634.139	4.803
	As	75	0.002526	mg/L	2341.36	0.008	16.117
	Se	77	-0.045995	mg/L	4100.14	-0.006	181.000
	Se	82	0.002469	mg/L	311.71	0.000	199.265
	Sr	88	0.088094	mg/L	1455601.12	0.731	171.555
>	Y	89		mg/L	2248378.79	2248378.795	10.409
	Mo	95	0.048899	mg/L	118258.12	0.059	171.193
	Mo	98	0.047333	mg/L	185743.31	0.093	171.290
>	Rh	103		mg/L	1791912.19	1791912.189	9.072
	Ag	107	-0.000195	mg/L	84.00	-0.000	22.975
	Ag	109	-0.000269	mg/L	51.00	-0.000	18.617
	Cd	111	-0.000097	mg/L	299.35	0.000	226.552
	Cd	114	0.000036	mg/L	516.35	0.000	249.692
>	In	115		mg/L	2459285.55	2459285.547	7.530
	Sn	118	-0.000187	mg/L	514.69	-0.000	560.475
	Sn	120	-0.000313	mg/L	677.46	-0.000	558.052
	Sb	121	-0.000615	mg/L	1608.68	-0.000	499.743
	Sb	123	-0.000583	mg/L	1278.04	-0.000	595.425
	Ba	135	0.007664	mg/L	15076.73	0.005	173.569

	Ba	137	0.007176	mg/L	24472.13	0.008	173.396
>	Tb	159		mg/L	3262122.81	3262122.813	3.488
>	Ho	165		mg/L	3212774.29	3212774.291	5.504
	Hg	202	0.031825	mg/L	182.34	0.000	354.554
	Tl	203	0.000011	mg/L	348.01	-0.000	50.120
	Tl	205	-0.000105	mg/L	795.38	-0.000	52.157
	Pb	208	-0.000225	mg/L	2123.49	0.000	214.494
	Bi	209	-0.000036	mg/L	198.00	-0.000	9.263
	Th	232	0.000286	mg/L	1225.49	-0.001	72.702
	U	238	0.000078	mg/L	4897.95	0.001	205.243

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-46RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 23:17:30
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-46RE1.167
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 47

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	169272.00	169271.999	2.441
	Be	9	0.002911	mg/L	57.33	0.000	46.620
	B	11	0.677379	mg/L	8327.58	0.046	7.307
	Na	23	759.631314	mg/L	121069151.81	174.290	3.606
	Mg	24	90.355699	mg/L	9715906.19	13.981	2.231
	Al	27	2.426155	mg/L	414512.63	0.591	3.587
	Si	28	21.842426	mg/L	1993931.05	2.826	3.869
	K	39	15.366930	mg/L	5427543.36	6.017	9.155
	Ca	44	53.873228	mg/L	489364.86	0.619	9.671
>	Sc	45		mg/L	694597.99	694597.993	3.124
	Ti	47	-0.004742	mg/L	901.39	0.000	79.458
	V	51	0.092510	mg/L	-3724.14	0.033	7.605
	Cr	52	-0.033786	mg/L	16094.06	-0.005	23.505
	Mn	55	6.502232	mg/L	3005295.09	4.331	8.358
	Fe	57	8.231590	mg/L	119109.78	0.153	4.582
	Ni	58	0.064465	mg/L	24313.74	0.036	13.992
	Co	59	-0.003533	mg/L	618.69	0.001	17.443
	Ni	60	-0.004948	mg/L	341.68	0.000	7.051
	Ni	62	0.015385	mg/L	551.36	0.001	9.003
	Cu	63	-0.004889	mg/L	2328.32	0.004	3.312
	Cu	65	-0.003960	mg/L	938.06	0.001	9.075
	Zn	66	-0.010803	mg/L	1224.09	0.001	20.720
	Zn	68	-0.015432	mg/L	1055.07	0.001	31.848
	Ga	69	-0.002691	mg/L	2395.34	0.002	27.762
>	Ge	72		mg/L	405543.47	405543.471	4.785
	As	75	0.022313	mg/L	448.54	0.004	6.543
	Se	77	-1.575118	mg/L	1280.77	-0.013	2.058
	Se	82	0.017313	mg/L	112.45	0.000	17.739
	Sr	88	0.442839	mg/L	379074.79	0.185	10.778
>	Y	89		mg/L	2054176.80	2054176.797	8.350
	Mo	95	0.051837	mg/L	7253.35	0.003	21.309
	Mo	98	0.052470	mg/L	11585.35	0.005	22.155
>	Rh	103		mg/L	1638925.16	1638925.161	4.240
	Ag	107	-0.003876	mg/L	90.00	-0.000	1.375
	Ag	109	-0.005388	mg/L	47.00	-0.000	2.493
	Cd	111	-0.004701	mg/L	65.00	-0.000	29.664
	Cd	114	-0.001135	mg/L	135.10	-0.000	16.909
>	In	115		mg/L	2315997.16	2315997.158	5.305
	Sn	118	-0.004206	mg/L	375.68	-0.000	20.912
	Sn	120	-0.006560	mg/L	552.50	-0.000	25.929
	Sb	121	-0.015621	mg/L	607.69	-0.001	4.716
	Sb	123	-0.015166	mg/L	467.50	-0.000	5.402
	Ba	135	0.122623	mg/L	11350.20	0.004	10.211

	Ba	137	0.118446	mg/L	18999.21	0.006	12.253
>	Tb	159		mg/L	2953640.80	2953640.796	6.390
>	Ho	165		mg/L	2924489.46	2924489.463	1.463
	Hg	202	0.359946	mg/L	118.00	0.000	18.393
	Tl	203	0.001103	mg/L	662.03	0.000	25.849
	Tl	205	-0.001254	mg/L	1505.14	0.000	11.474
	Pb	208	-0.002316	mg/L	4705.19	0.001	2.772
	Bi	209	-0.000743	mg/L	152.67	-0.000	1.235
	Th	232	0.005316	mg/L	618.36	-0.001	3.148
	U	238	-0.001611	mg/L	402.68	-0.000	11.810

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-47RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 23:22:36
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-47RE1.168
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 48

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	177175.37	177175.373	1.974
	Be	9	-0.001423	mg/L	17.67	0.000	136.712
	B	11	0.537176	mg/L	7102.19	0.037	9.072
	Na	23	141.098362	mg/L	23873017.88	32.434	0.732
	Mg	24	82.962852	mg/L	9400496.79	12.837	4.007
	Al	27	2.221292	mg/L	399407.82	0.541	11.976
	Si	28	19.478747	mg/L	1890601.92	2.539	8.859
	K	39	1.651472	mg/L	1907684.47	0.797	7.562
	Ca	44	53.679112	mg/L	515837.17	0.617	2.453
>	Sc	45		mg/L	732898.31	732898.306	3.947
	Ti	47	-0.007834	mg/L	877.05	-0.000	8394.487
	V	51	0.097404	mg/L	-2135.33	0.035	1.161
	Cr	52	-0.042107	mg/L	14419.91	-0.008	11.860
	Mn	55	2.217695	mg/L	1087593.66	1.481	3.951
	Fe	57	75.639173	mg/L	1046111.60	1.408	3.761
	Ni	58	0.844493	mg/L	204387.59	0.454	2.971
	Co	59	0.197012	mg/L	89396.00	0.208	7.828
	Ni	60	0.228285	mg/L	22479.70	0.052	4.820
	Ni	62	0.263651	mg/L	3987.92	0.009	2.804
	Cu	63	-0.011286	mg/L	1161.75	0.001	19.181
	Cu	65	-0.005475	mg/L	839.71	0.001	18.970
	Zn	66	0.144216	mg/L	10348.99	0.022	1.740
	Zn	68	0.126686	mg/L	7056.48	0.014	6.389
	Ga	69	-0.006005	mg/L	1249.10	-0.001	16.716
>	Ge	72		mg/L	427776.60	427776.597	1.861
	As	75	0.020239	mg/L	344.02	0.003	6.735
	Se	77	-1.683064	mg/L	902.39	-0.014	1.617
	Se	82	0.004238	mg/L	27.01	0.000	5825.919
	Sr	88	0.251418	mg/L	226864.02	0.106	6.475
>	Y	89		mg/L	2133057.41	2133057.406	1.024
	Mo	95	0.013034	mg/L	2593.06	0.001	6.920
	Mo	98	0.014190	mg/L	4135.01	0.001	2.084
>	Rh	103		mg/L	1687171.64	1687171.641	4.878
	Ag	107	-0.003874	mg/L	93.67	-0.000	3.269
	Ag	109	-0.005381	mg/L	50.67	-0.000	1.592
	Cd	111	-0.004432	mg/L	91.00	-0.000	41.344
	Cd	114	-0.000895	mg/L	189.43	-0.000	74.329
>	In	115		mg/L	2384474.88	2384474.876	1.427
	Sn	118	-0.003395	mg/L	620.37	0.000	2550.316
	Sn	120	-0.006822	mg/L	466.17	-0.000	2.298
	Sb	121	-0.015887	mg/L	544.36	-0.001	4.322
	Sb	123	-0.015481	mg/L	406.88	-0.001	3.123
	Ba	135	0.021275	mg/L	2162.95	0.001	6.547

	Ba	137	0.020316	mg/L	3642.78	0.001	8.373
>	Tb	159		mg/L	2980687.58	2980687.585	4.221
>	Ho	165		mg/L	2942759.21	2942759.210	4.292
	Hg	202	0.353881	mg/L	117.34	0.000	112.667
	Tl	203	0.001289	mg/L	738.04	0.000	43.182
	Tl	205	-0.001033	mg/L	1714.51	0.000	31.949
	Pb	208	-0.003332	mg/L	3468.96	0.001	3.138
	Bi	209	-0.000758	mg/L	137.34	-0.000	0.855
	Th	232	0.005774	mg/L	1241.43	-0.001	17.375
	U	238	-0.001748	mg/L	215.00	-0.000	7.108

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-48RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 23:27:43
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-48RE1.169
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 49

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	188801.29	188801.286	3.292
	Be	9	-0.001733	mg/L	15.67	0.000	307.926
	B	11	0.550599	mg/L	7737.04	0.037	4.316
	Na	23	140.417513	mg/L	23419886.49	32.278	3.873
	Mg	24	83.828462	mg/L	9387184.14	12.971	2.575
	Al	27	2.470365	mg/L	438680.85	0.601	2.110
	Si	28	21.187342	mg/L	2011817.04	2.746	10.460
	K	39	1.850522	mg/L	1931934.59	0.873	26.976
	Ca	44	55.726452	mg/L	524173.45	0.640	7.617
>	Sc	45		mg/L	723144.94	723144.936	5.536
	Ti	47	-0.008744	mg/L	846.05	-0.000	327.306
	V	51	0.097465	mg/L	-2182.89	0.035	9.811
	Cr	52	-0.041782	mg/L	14302.06	-0.008	19.092
	Mn	55	2.198806	mg/L	1060278.50	1.468	8.248
	Fe	57	75.767334	mg/L	1032144.79	1.410	2.930
	Ni	58	0.806233	mg/L	201313.78	0.434	9.221
	Co	59	0.197644	mg/L	92378.92	0.209	4.029
	Ni	60	0.235718	mg/L	23902.99	0.054	0.183
	Ni	62	0.271933	mg/L	4228.69	0.009	2.338
	Cu	63	-0.011677	mg/L	1115.41	0.001	8.097
	Cu	65	-0.006441	mg/L	766.71	0.001	16.972
	Zn	66	0.143065	mg/L	10576.93	0.022	9.515
	Zn	68	0.134866	mg/L	7616.93	0.015	6.336
	Ga	69	-0.006153	mg/L	1228.43	-0.001	11.104
>	Ge	72		mg/L	441070.79	441070.789	3.947
	As	75	0.020494	mg/L	368.54	0.004	4.797
	Se	77	-1.711561	mg/L	808.38	-0.014	0.537
	Se	82	0.004304	mg/L	29.06	0.000	2538.488
	Sr	88	0.255469	mg/L	237570.45	0.108	8.302
>	Y	89		mg/L	2208117.69	2208117.694	8.464
	Mo	95	0.004432	mg/L	1530.81	0.000	24.489
	Mo	98	0.005843	mg/L	2449.34	0.001	34.564
>	Rh	103		mg/L	1730546.28	1730546.281	2.542
	Ag	107	-0.003884	mg/L	92.33	-0.000	6.707
	Ag	109	-0.005385	mg/L	50.33	-0.000	2.337
	Cd	111	-0.004501	mg/L	87.00	-0.000	49.787
	Cd	114	-0.000841	mg/L	206.55	-0.000	128.542
>	In	115		mg/L	2302672.93	2302672.927	4.959
	Sn	118	-0.004299	mg/L	347.01	-0.000	10.934
	Sn	120	-0.006777	mg/L	466.84	-0.000	8.761
	Sb	121	-0.016038	mg/L	478.02	-0.001	2.425
	Sb	123	-0.015572	mg/L	371.29	-0.001	3.275
	Ba	135	0.022408	mg/L	2229.63	0.001	4.697

	Ba	137	0.020644	mg/L	3637.81	0.001	4.086
>	Tb	159		mg/L	2929239.89	2929239.889	1.721
>	Ho	165		mg/L	2935038.73	2935038.729	2.056
	Hg	202	1.422439	mg/L	336.34	0.000	8.020
	Tl	203	0.001278	mg/L	734.04	0.000	24.848
	Tl	205	-0.000955	mg/L	1785.53	0.000	10.247
	Pb	208	-0.003451	mg/L	3307.93	0.001	7.364
	Bi	209	-0.000765	mg/L	130.00	-0.000	0.902
	Th	232	0.005617	mg/L	1031.40	-0.001	8.959
	U	238	-0.001730	mg/L	240.67	-0.000	0.877

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-49RE1
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 23:32:50
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\11C1255-49RE1.170
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 0.5
Diluted To Volume (mL): 10.00
Autosampler Position: 50

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	185221.02	185221.024	0.286
	Be	9	-0.002616	mg/L	6.33	-0.000	30.037
	B	11	0.639399	mg/L	8652.55	0.043	8.696
	Na	23	476.901347	mg/L	83494512.88	109.448	4.069
	Mg	24	49.656045	mg/L	5854629.09	7.684	2.177
	Al	27	2.227917	mg/L	417351.56	0.543	6.407
	Si	28	18.436700	mg/L	1871422.75	2.413	6.866
	K	39	6.469898	mg/L	3380076.51	2.631	2.371
	Ca	44	32.928552	mg/L	357449.72	0.382	6.708
>	Sc	45		mg/L	761658.36	761658.362	2.470
	Ti	47	-0.011637	mg/L	819.38	-0.000	86.899
	V	51	0.096840	mg/L	-2436.40	0.035	0.447
	Cr	52	-0.046611	mg/L	13560.58	-0.010	6.285
	Mn	55	4.683549	mg/L	2379456.60	3.121	5.934
	Fe	57	150.909514	mg/L	2154919.16	2.809	6.105
	Ni	58	1.245116	mg/L	302677.72	0.669	5.742
	Co	59	-0.004242	mg/L	347.68	-0.000	77.641
	Ni	60	-0.006725	mg/L	195.67	-0.000	189.671
	Ni	62	0.026577	mg/L	752.04	0.001	1.143
	Cu	63	-0.008287	mg/L	1808.53	0.003	8.270
	Cu	65	-0.007291	mg/L	675.37	0.001	9.399
	Zn	66	-0.017857	mg/L	902.05	0.000	24.978
	Zn	68	-0.023038	mg/L	814.38	-0.000	125.312
	Ga	69	-0.004936	mg/L	1701.18	-0.000	38.798
>	Ge	72		mg/L	437461.87	437461.871	2.688
	As	75	0.022513	mg/L	498.02	0.004	3.032
	Se	77	-1.706421	mg/L	823.71	-0.014	0.759
	Se	82	0.011889	mg/L	80.35	0.000	53.408
	Sr	88	0.263716	mg/L	239178.35	0.111	7.344
>	Y	89		mg/L	2147129.22	2147129.216	2.792
	Mo	95	0.001328	mg/L	1094.08	0.000	26.089
	Mo	98	0.002407	mg/L	1680.23	0.000	36.612
>	Rh	103		mg/L	1724030.55	1724030.548	5.027
	Ag	107	-0.003880	mg/L	93.00	-0.000	5.009
	Ag	109	-0.005356	mg/L	59.67	-0.000	2.921
	Cd	111	-0.004933	mg/L	47.67	-0.000	20.284
	Cd	114	-0.001298	mg/L	106.65	-0.000	12.023
>	In	115		mg/L	2332000.73	2332000.734	4.157
	Sn	118	-0.004411	mg/L	318.68	-0.000	8.856
	Sn	120	-0.006727	mg/L	491.12	-0.000	35.167
	Sb	121	-0.016330	mg/L	394.35	-0.001	2.414
	Sb	123	-0.015789	mg/L	324.08	-0.001	3.398
	Ba	135	0.074565	mg/L	7210.60	0.002	6.990

	Ba	137	0.074539	mg/L	12488.59	0.004	11.679
>	Tb	159		mg/L	3045532.10	3045532.097	6.465
>	Ho	165		mg/L	2980109.87	2980109.869	5.934
	Hg	202	0.955265	mg/L	243.67	0.000	13.097
	Tl	203	0.001015	mg/L	638.36	0.000	45.046
	Tl	205	-0.001302	mg/L	1483.14	0.000	63.920
	Pb	208	-0.003411	mg/L	3406.95	0.001	5.887
	Bi	209	-0.000765	mg/L	131.67	-0.000	0.734
	Th	232	0.005579	mg/L	988.73	-0.001	9.257
	U	238	-0.001840	mg/L	91.00	-0.000	1.347

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 23:37:56
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\RINSE.171
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	186931.07	186931.073	1.382
	Be	9	-0.000099	mg/L	13.00	-0.000	10.151
	B	11	-0.000734	mg/L	836.38	0.001	34.497
	Na	23	-0.011964	mg/L	122333.35	0.020	41.767
	Mg	24	-0.000503	mg/L	1932.89	-0.000	181.186
	Al	27	-0.000736	mg/L	3593.75	-0.001	35.960
	Si	28	-0.065728	mg/L	48771.32	0.018	14.813
	K	39	-0.000298	mg/L	1495262.43	0.166	64.212
	Ca	44	-0.092943	mg/L	57803.00	-0.011	33.826
>	Sc	45		mg/L	758361.63	758361.629	2.772
	Ti	47	-0.000779	mg/L	719.04	-0.000	64.608
	V	51	0.004924	mg/L	-1878.36	0.036	11.822
	Cr	52	-0.002334	mg/L	13472.45	-0.010	9.613
	Mn	55	-0.000466	mg/L	1192.42	-0.001	18.759
	Fe	57	-0.002410	mg/L	13273.15	-0.001	12.818
	Ni	58	-0.000405	mg/L	8971.85	-0.002	77.054
	Co	59	-0.000190	mg/L	529.69	0.000	33.848
	Ni	60	-0.000381	mg/L	106.67	-0.000	1.418
	Ni	62	-0.000107	mg/L	338.01	0.000	8.770
	Cu	63	-0.000686	mg/L	662.36	0.000	57.228
	Cu	65	-0.000470	mg/L	445.35	0.000	114.148
	Zn	66	-0.000761	mg/L	1023.73	0.001	31.369
	Zn	68	-0.001124	mg/L	811.38	-0.000	165.242
	Ga	69	-0.000356	mg/L	805.04	-0.002	11.992
>	Ge	72		mg/L	423376.22	423376.218	4.327
	As	75	0.000953	mg/L	261.51	0.003	11.904
	Se	77	-0.088392	mg/L	544.69	-0.015	0.220
	Se	82	-0.000022	mg/L	-4.67	-0.000	122.803
	Sr	88	-0.000247	mg/L	647.03	-0.000	13.155
>	Y	89		mg/L	2040483.76	2040483.764	8.136
	Mo	95	-0.000036	mg/L	787.71	0.000	39.568
	Mo	98	0.000045	mg/L	1295.91	0.000	64.106
>	Rh	103		mg/L	1799205.57	1799205.570	1.741
	Ag	107	-0.000195	mg/L	93.33	-0.000	3.440
	Ag	109	-0.000271	mg/L	43.67	-0.000	0.970
	Cd	111	-0.000244	mg/L	55.00	-0.000	14.047
	Cd	114	-0.000061	mg/L	128.64	-0.000	6.126
>	In	115		mg/L	2457386.86	2457386.864	4.533
	Sn	118	-0.000215	mg/L	368.01	-0.000	20.233
	Sn	120	-0.000336	mg/L	522.56	-0.000	25.847
	Sb	121	-0.000824	mg/L	365.01	-0.001	2.012
	Sb	123	-0.000802	mg/L	278.71	-0.001	4.103
	Ba	135	-0.000050	mg/L	109.00	-0.000	32.381

	Ba	137	-0.000075	mg/L	173.43	-0.000	47.044
>	Tb	159		mg/L	2900939.57	2900939.573	2.954
>	Ho	165		mg/L	2921215.98	2921215.979	0.825
	Hg	202	0.000886	mg/L	48.00	-0.000	12.584
	Tl	203	0.000169	mg/L	1558.15	0.000	11.374
	Tl	205	0.000061	mg/L	3777.49	0.001	3.632
	Pb	208	-0.000277	mg/L	703.68	-0.000	7.977
	Bi	209	-0.000038	mg/L	126.34	-0.000	1.016
	Th	232	0.000259	mg/L	434.35	-0.001	1.426
	U	238	-0.000092	mg/L	82.33	-0.000	0.820

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 23:43:00
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCV4.172
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	199159.17	199159.168	1.446
	Be	9	0.045269	mg/L	9969.57	0.050	4.956
	B	11	0.042903	mg/L	12105.55	0.057	10.127
	Na	23	0.430878	mg/L	1692004.89	2.051	1.053
	Mg	24	0.446584	mg/L	1069159.69	1.383	4.568
	Al	27	0.222638	mg/L	838347.24	1.082	8.462
	Si	28	-0.021492	mg/L	132330.77	0.125	7.978
	K	39	0.452159	mg/L	4180230.20	3.610	4.338
	Ca	44	0.384347	mg/L	142033.25	0.097	2.782
>	Sc	45		mg/L	771660.25	771660.248	2.346
	Ti	47	0.042268	mg/L	22253.12	0.028	4.504
	V	51	0.044405	mg/L	296347.85	0.423	16.139
	Cr	52	0.042757	mg/L	305725.70	0.369	8.943
	Mn	55	0.043308	mg/L	450856.73	0.582	4.249
	Fe	57	0.170042	mg/L	63087.52	0.063	6.865
	Ni	58	0.043717	mg/L	216445.69	0.470	4.943
	Co	59	0.042785	mg/L	389564.22	0.890	10.840
	Ni	60	0.042220	mg/L	82739.97	0.189	10.651
	Ni	62	0.043727	mg/L	12673.29	0.028	1.933
	Cu	63	0.043773	mg/L	185300.26	0.421	4.662
	Cu	65	0.041538	mg/L	85824.64	0.195	4.870
	Zn	66	0.040518	mg/L	50462.55	0.113	4.297
	Zn	68	0.040815	mg/L	36719.50	0.082	8.554
	Ga	69	0.041012	mg/L	328630.76	0.746	6.872
>	Ge	72		mg/L	438599.64	438599.645	3.545
	As	75	0.043602	mg/L	55840.18	0.130	0.886
	Se	77	0.015244	mg/L	9416.65	0.006	23.159
	Se	82	0.040087	mg/L	5687.88	0.003	3.526
	Sr	88	0.041528	mg/L	760393.45	0.346	7.426
>	Y	89		mg/L	2199421.45	2199421.448	2.871
	Mo	95	0.043054	mg/L	115187.57	0.052	4.531
	Mo	98	0.042350	mg/L	183786.96	0.083	3.937
>	Rh	103		mg/L	1857258.13	1857258.130	4.895
	Ag	107	0.022100	mg/L	169002.30	0.091	1.862
	Ag	109	0.022653	mg/L	164281.70	0.088	5.054
	Cd	111	0.040832	mg/L	79448.24	0.043	12.184
	Cd	114	0.040499	mg/L	189559.61	0.102	11.183
>	In	115		mg/L	2455350.38	2455350.377	3.151
	Sn	118	0.040519	mg/L	246779.75	0.100	2.491
	Sn	120	0.042019	mg/L	347205.93	0.141	5.161
	Sb	121	0.042378	mg/L	281559.92	0.114	1.343
	Sb	123	0.041523	mg/L	211186.64	0.085	6.209
	Ba	135	0.041255	mg/L	74373.11	0.026	4.353

	Ba	137	0.042024	mg/L	130772.54	0.045	8.255
>	Tb	159		mg/L	2911065.79	2911065.786	3.805
>	Ho	165		mg/L	2892256.97	2892256.969	3.516
	Hg	202	0.025404	mg/L	146.67	0.000	4.241
	Tl	203	0.039425	mg/L	307361.63	0.106	8.212
	Tl	205	0.040509	mg/L	736836.67	0.255	8.682
	Pb	208	0.040393	mg/L	998101.48	0.345	1.250
	Bi	209	0.039445	mg/L	842527.25	0.291	2.161
	Th	232	0.038210	mg/L	1017014.42	0.351	8.105
	U	238	0.037979	mg/L	1028141.26	0.356	9.175

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB4
Sample Description:
Batch ID:
Sample Date/Time: Thursday, April 07, 2011 23:48:04
Sample File: C:\Elandata\Sample\110407B.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110407A_PBK\SEQ-CCB4.173
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	192870.02	192870.023	1.556
	Be	9	-0.000088	mg/L	15.67	0.000	224.568
	B	11	-0.000566	mg/L	905.05	0.001	31.300
	Na	23	-0.007645	mg/L	142281.85	0.039	36.928
	Mg	24	-0.000199	mg/L	2732.11	0.001	64.607
	Al	27	-0.000209	mg/L	5710.53	0.002	69.814
	Si	28	-0.068743	mg/L	44851.91	0.011	15.415
	K	39	-0.003384	mg/L	1532726.44	0.143	40.236
	Ca	44	-0.044322	mg/L	68492.83	0.000	1982.000
>	Sc	45		mg/L	786544.10	786544.102	4.125
	Ti	47	-0.000447	mg/L	911.05	-0.000	369.370
	V	51	0.002523	mg/L	-21020.36	0.012	260.427
	Cr	52	-0.000824	mg/L	23921.02	0.002	78.708
	Mn	55	-0.000417	mg/L	1753.85	-0.000	251.024
	Fe	57	-0.000486	mg/L	14329.77	-0.001	24.827
	Ni	58	0.000004	mg/L	11492.38	0.002	68.725
	Co	59	-0.000210	mg/L	378.34	-0.000	1055.706
	Ni	60	-0.000256	mg/L	361.34	0.000	25.238
	Ni	62	-0.000130	mg/L	351.68	0.000	23.000
	Cu	63	-0.000657	mg/L	826.71	0.000	26.297
	Cu	65	-0.000469	mg/L	476.35	0.000	21.683
	Zn	66	-0.001009	mg/L	783.38	-0.000	575.526
	Zn	68	-0.001060	mg/L	917.06	0.000	230.394
	Ga	69	-0.000215	mg/L	2001.24	0.000	57.526
>	Ge	72		mg/L	448990.98	448990.982	3.454
	As	75	0.000112	mg/L	-833.13	0.001	79.533
	Se	77	-0.019829	mg/L	6569.77	-0.001	41.640
	Se	82	0.000202	mg/L	26.84	-0.000	1294.660
	Sr	88	-0.000224	mg/L	1102.74	0.000	289.624
>	Y	89		mg/L	2194820.71	2194820.712	4.512
	Mo	95	0.000339	mg/L	1850.54	0.001	23.365
	Mo	98	0.000389	mg/L	2888.48	0.001	21.269
>	Rh	103		mg/L	1853737.30	1853737.303	4.705
	Ag	107	-0.000130	mg/L	594.36	0.000	127.870
	Ag	109	-0.000210	mg/L	485.35	0.000	136.804
	Cd	111	-0.000215	mg/L	112.00	0.000	5007.456
	Cd	114	-0.000037	mg/L	245.20	0.000	1620.323
>	In	115		mg/L	2474118.84	2474118.838	1.634
	Sn	118	-0.000107	mg/L	1032.74	0.000	19.664
	Sn	120	-0.000219	mg/L	1493.89	0.000	10.381
	Sb	121	0.000924	mg/L	11849.29	0.004	16.757
	Sb	123	0.000946	mg/L	9070.93	0.003	18.782
	Ba	135	-0.000026	mg/L	157.34	-0.000	116.729

	Ba	137	-0.000045	mg/L	274.79	0.000	81.904
>	Tb	159		mg/L	3011715.44	3011715.445	6.970
>	Ho	165		mg/L	2965397.72	2965397.720	6.983
	Hg	202	0.014700	mg/L	105.34	-0.000	1630.181
	Tl	203	0.000060	mg/L	711.04	0.000	62.034
	Tl	205	-0.000053	mg/L	1704.51	0.000	46.978
	Pb	208	-0.000253	mg/L	1309.05	0.000	97.148
	Bi	209	0.000050	mg/L	2050.26	0.000	81.228
	Th	232	0.000735	mg/L	13496.68	0.004	23.535
	U	238	-0.000063	mg/L	882.72	0.000	127.243

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001102	0.000	0.999995
B	11.009	Simple Linear	0.001291	0.002	0.999889
Na	22.990	Simple Linear	0.004587	0.075	0.999992
Mg	23.985	Simple Linear	0.003094	0.001	0.999943
Al	26.982	Simple Linear	0.004847	0.003	0.999939
Si	27.977	Simple Linear	0.002425	0.178	0.998325
K	38.964	Simple Linear	0.007612	0.168	0.999988
Ca	43.956	Simple Linear	0.000226	0.010	0.999935
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000648	0.000	0.999968
V	50.944	Simple Linear	0.009804	-0.012	0.999863
Cr	51.941	Simple Linear	0.008401	0.009	0.999920
Mn	54.938	Simple Linear	0.013306	0.006	0.999980
Fe	56.935	Simple Linear	0.000372	-0.000	0.999678
Ni	57.935	Simple Linear	0.010713	0.002	0.999982
Co	58.933	Simple Linear	0.020692	0.004	0.999983
Ni	59.933	Simple Linear	0.004433	0.001	0.999980
Ni	61.928	Simple Linear	0.000641	0.000	0.999968
Cu	62.930	Simple Linear	0.009457	0.007	0.999953
Cu	64.928	Simple Linear	0.004628	0.002	0.999964
Zn	65.926	Simple Linear	0.002731	0.003	0.999854
Zn	67.925	Simple Linear	0.001954	0.002	0.999857
Ga	68.926	Simple Linear	0.018095	0.004	0.999986
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.002971	0.000	0.999995
Se	76.920	Simple Linear	0.000195	0.003	0.988082
Se	81.917	Simple Linear	0.000065	-0.000	0.999993
Sr	87.906	Simple Linear	0.008277	0.002	0.999976
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001205	0.000	0.999986
Mo	97.906	Simple Linear	0.001959	0.000	0.999992
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.004079	0.001	0.999991
Ag	108.905	Simple Linear	0.003864	0.001	0.999986
Cd	110.904	Simple Linear	0.001045	0.000	0.999988
Cd	113.904	Simple Linear	0.002523	0.000	0.999996
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002463	0.000	0.999988
Sn	119.902	Simple Linear	0.003334	0.001	0.999981
Sb	120.904	Simple Linear	0.002650	0.001	0.999928
Sb	122.904	Simple Linear	0.002030	0.001	0.999935
Ba	134.906	Simple Linear	0.000618	0.000	0.999996
Ba	136.905	Simple Linear	0.001068	0.000	0.999992
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000001	-0.000	0.988351
Tl	202.972	Simple Linear	0.002698	-0.000	0.999988
Tl	204.975	Simple Linear	0.006278	0.000	0.999983
Pb	207.977	Simple Linear	0.008477	0.002	0.999987
Bi	208.980	Simple Linear	0.007378	-0.000	0.999998
Th	232.038	Simple Linear	0.009277	-0.003	0.999986
U	238.050	Simple Linear	0.009356	0.001	0.999993

Dataset Report

User Name: Elan 9000
Computer Name: D4463YH1
Dataset File Path: C:\Elandata\Dataset\110407A_PBK\
Report Date/Time: Friday, April 08, 2011 07:25:13

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	Blank	08:32:55 Thu 07-Apr-11	Blank	C:\Elandata\Dataset\110407A_PBK\Blank.001	
	Standard 1	08:38:00 Thu 07-Apr-11	Standard #1	C:\Elandata\Dataset\110407A_PBK\Standard 1.002	
	Standard 2	08:43:07 Thu 07-Apr-11	Standard #2	C:\Elandata\Dataset\110407A_PBK\Standard 2.003	
	Standard 3	08:48:13 Thu 07-Apr-11	Standard #3	C:\Elandata\Dataset\110407A_PBK\Standard 3.004	
	Standard 4	08:53:21 Thu 07-Apr-11	Standard #4	C:\Elandata\Dataset\110407A_PBK\Standard 4.005	
	Standard 5	08:58:28 Thu 07-Apr-11	Standard #5	C:\Elandata\Dataset\110407A_PBK\Standard 5.006	
	SEQ-ICV1	09:03:34 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-ICV1.007	
	SEQ-ICB1	09:08:38 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-ICB1.008	
	SEQ-LCV1	09:13:44 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-LCV1.009	
	SEQ-LCV2	09:18:50 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-LCV2.010	
	SEQ-SCV1	09:23:56 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-SCV1.011	
	SEQ-HCV1	09:29:01 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-HCV1.012	
	SEQ-IFA1	09:34:07 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-IFA1.013	
	SEQ-IFB1	09:39:13 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-IFB1.014	
	SEQ-ICV2	09:44:19 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-ICV2.015	
	RINSE	09:49:24 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.016	
	SEQ-CCV1	09:54:29 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV1.017	
	SEQ-CCB1	09:59:33 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB1.018	
	11C1600-01RE2	10:11:11 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1600-01RE2.01	
	11C1654-01RE4	10:16:17 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1654-01RE4.02	
	11C1656-01RE1	10:21:23 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1656-01RE1.02	
	11C1658-01RE1	10:26:30 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1658-01RE1.02	
	11C1658-01RE2	10:31:36 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1658-01RE2.02	
	11C1724-01RE1	10:36:42 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1724-01RE1.02	
	11C1724-02RE1	10:41:47 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1724-02RE1.02	
	RINSE	10:46:52 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.026	
	SEQ-CCV2	10:51:56 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV2.027	
	SEQ-CCB2	10:57:01 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB2.028	
	1115074-BLK1	11:02:06 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115074-BLK1.029	
	1115074-BS1	11:07:11 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115074-BS1.030	
	11C1675-01	11:12:16 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1675-01.031	
	1115074-DUP1	11:17:22 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115074-DUP1.032	
	1115074-MS1	11:22:28 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115074-MS1.033	
	1115074-MSD1	11:27:35 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115074-MSD1.034	
	1115074-PS1	11:32:42 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115074-PS1.035	
	11C1694-01	11:37:48 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1694-01.036	
	11D0068-01	11:42:53 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0068-01.037	
	11D0071-01	11:47:58 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0071-01.038	
	RINSE	11:53:04 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.039	
	SEQ-CCV3	11:58:08 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV3.040	
	SEQ-CCB3	12:03:12 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB3.041	
	11D0094-01	12:08:17 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0094-01.042	
	11D0094-02	12:13:22 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0094-02.043	
	11D0094-03	12:18:27 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0094-03.044	

11D0094-04	12:23:33 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0094-04.045
11D0094-05	12:28:38 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0094-05.046
11D0174-01	12:33:44 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0174-01.047
11D0174-02	12:38:50 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0174-02.048
11D0185-01	12:43:56 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0185-01.049
11D0195-01	12:49:03 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0195-01.050
RINSE	12:54:10 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.051
SEQ-CCV4	12:59:14 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV4.052
SEQ-CCB4	13:04:18 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB4.053
SEQ-CCV4	13:11:25 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV4.054
1115077-BLK1	13:18:25 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-BLK1.055
1115077-BS1	13:23:31 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-BS1.056
11D1255-01	13:28:36 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-01.057
11D1255-02	13:33:42 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-02.058
11D1255-05	13:38:47 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-05.059
1115077-DUP1	13:43:53 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-DUP1.060
1115077-MS1	13:48:59 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-MS1.061
1115077-MSD1	13:54:05 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-MSD1.062
1115077-PS1	13:59:11 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-PS1.063
11D1255-06	14:04:18 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-06.064
RINSE	14:09:24 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.065
SEQ-CCV5	14:14:28 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV5.066
SEQ-CCB5	14:19:33 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB5.067
11D1255-10	14:24:38 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-10.068
11D1255-11	14:29:44 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-11.069
11D1255-12	14:34:50 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-12.070
11D1255-13	14:39:56 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-13.071
11D1255-14	14:45:02 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-14.072
11D1255-15	14:50:08 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-15.073
11D1255-20	14:55:14 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-20.074
11D1255-45	15:00:20 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-45.075
11D1255-46	15:06:01 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-46.076
11D1255-47	15:11:07 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-47.077
RINSE	15:16:13 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.078
SEQ-CCV6	15:27:11 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV6.079
SEQ-CCB6	15:32:16 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB6.080
11D1255-48	15:37:21 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-48.081
11D1255-49	15:42:27 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-49.082
11D1255-19	15:47:34 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D1255-19.083
RINSE	15:52:40 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.084
SEQ-CCV7	16:00:00 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV7.085
SEQ-CCB7	16:05:04 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB7.086
SEQ-CCV7	16:14:36 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV7.087
Blank	16:31:38 Thu 07-Apr-11	Blank	C:\Elandata\Dataset\110407A_PBK\Blank.088
Standard 1	16:36:43 Thu 07-Apr-11	Standard #1	C:\Elandata\Dataset\110407A_PBK\Standard 1.089
Standard 2	16:41:49 Thu 07-Apr-11	Standard #2	C:\Elandata\Dataset\110407A_PBK\Standard 2.090
Standard 3	16:46:56 Thu 07-Apr-11	Standard #3	C:\Elandata\Dataset\110407A_PBK\Standard 3.091
Standard 4	16:52:03 Thu 07-Apr-11	Standard #4	C:\Elandata\Dataset\110407A_PBK\Standard 4.092
Standard 5	16:57:10 Thu 07-Apr-11	Standard #5	C:\Elandata\Dataset\110407A_PBK\Standard 5.093
SEQ-ICV1	17:02:16 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-ICV1.094
SEQ-ICB1	17:07:21 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-ICB1.095
SEQ-LCV1	17:12:26 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-LCV1.096
SEQ-LCV2	17:17:32 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-LCV2.097
SEQ-SCV1	17:22:38 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-SCV1.098
SEQ-HCV1	17:27:43 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-HCV1.099
SEQ-IFA1	17:32:49 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-IFA1.100

SEQ-IFB1	17:37:55 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-IFB1.101
SEQ-ICV2	17:43:01 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-ICV2.102
RINSE	17:48:06 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.103
SEQ-CCV1	17:53:10 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV1.104
SEQ-CCB1	17:58:15 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB1.105
1115074-BLK1	18:03:20 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115074-BLK1.106
1115074-BS1	18:08:25 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115074-BS1.107
11C1694-01RE1	18:13:32 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1694-01RE1.10
11D0094-01RE1	18:18:38 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0094-01RE1.10
11D0094-02RE1	18:23:45 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0094-02RE1.11
11D0094-03RE1	18:28:51 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0094-03RE1.11
11D0094-04RE1	18:33:56 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0094-04RE1.11
11D0094-05RE1	18:39:00 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0094-05RE1.11
11D0174-01RE1	18:44:05 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0174-01RE1.11
11D0174-02RE1	18:49:10 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11D0174-02RE1.11
RINSE	18:54:15 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.116
SEQ-CCV2	18:59:19 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV2.117
SEQ-CCB2	19:04:24 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB2.118
1115077-BLK1	19:09:28 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-BLK1.119
1115077-BS1	19:14:33 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-BS1.120
11C1255-01RE1	19:19:38 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-01RE1.12
11C1255-02RE1	19:24:44 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-02RE1.12
11C1255-05RE1	19:29:50 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-05RE1.12
1115077-DUP1	19:34:57 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-DUP1.124
1115077-PS1	19:40:04 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-PS1.125
11C1255-06RE1	19:45:10 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-06RE1.12
11C1255-10RE1	19:50:16 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-10RE1.12
11C1255-11RE1	19:55:21 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-11RE1.12
RINSE	20:00:26 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.129
SEQ-CCV3	20:05:30 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV3.130
SEQ-CCB3	20:10:35 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB3.131
11C1255-12RE1	20:15:39 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-12RE1.13
11C1255-13RE1	20:20:45 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-13RE1.13
11C1255-14RE1	20:25:50 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-14RE1.13
11C1255-15RE1	20:30:55 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-15RE1.13
11C1255-20RE1	20:36:01 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-20RE1.13
11C1255-45RE1	20:41:06 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-45RE1.13
11C1255-46RE1	20:46:12 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-46RE1.13
11C1255-47RE1	20:51:19 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-47RE1.13
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11C1255-49RE1	21:01:32 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-49RE1.14
RINSE	21:06:37 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.142
SEQ-CCV4	21:11:42 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV4.143
SEQ-CCB4	21:16:46 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB4.144
11C1255-19RE1	21:21:51 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-19RE1.14
SEQ-CCV5	21:30:24 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV5.146
SEQ-CCB5	21:35:28 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB5.147
1115077-BLK1	21:40:44 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-BLK1.148
1115077-BS1	21:45:50 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-BS1.149
11C1255-01RE1	21:50:55 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-01RE1.15
11C1255-02RE1	21:56:01 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-02RE1.15
11C1255-05RE1	22:01:07 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-05RE1.15
1115077-DUP1	22:06:14 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-DUP1.153
1115077-PS1	22:11:21 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\1115077-PS1.154
11C1255-06RE1	22:16:27 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-06RE1.15
11C1255-10RE1	22:21:33 Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-10RE1.15

11C1255-11RE1	22:26:38	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-11RE1.15
RINSE	22:31:44	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.158
SEQ-CCV3	22:36:48	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV3.159
SEQ-CCB3	22:41:52	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB3.160
11C1255-12RE1	22:46:56	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-12RE1.16
11C1255-13RE1	22:52:02	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-13RE1.16
11C1255-14RE1	22:57:07	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-14RE1.16
11C1255-15RE1	23:02:12	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-15RE1.16
11C1255-20RE1	23:07:18	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-20RE1.16
11C1255-45RE1	23:12:24	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-45RE1.16
11C1255-46RE1	23:17:30	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-46RE1.16
11C1255-47RE1	23:22:36	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-47RE1.16
11C1255-48RE1	23:27:43	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-48RE1.16
11C1255-49RE1	23:32:50	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\11C1255-49RE1.17
RINSE	23:37:56	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\RINSE.171
SEQ-CCV4	23:43:00	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCV4.172
SEQ-CCB4	23:48:04	Thu 07-Apr-11	Sample	C:\Elandata\Dataset\110407A_PBK\SEQ-CCB4.173

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D0815 **Matrix:** Water **Department:** Metals **Instrument:** Varian ICP

110407A. All Data Report 4/11/2011, 08:20:17

Blank (Blk) **4/7/2011, 3:07:21 PM** **Rack 2, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.000000	mg/L	22.678	3.0	747.079
Ag 338.289	0.000000	mg/L	1.764	63.7	-2.76946
Al 237.312	0.000000	mg/L	13.101	18.7	70.0954
Al 257.509	0.000000	mg/L	3.876	19.1	20.3346
Al 308.215	0.000000	mg/L	10.327	1.1	913.309
As 188.980	0.000000	mg/L	1.524	26.0	5.86595
As 193.696	0.000000	mg/L	1.740	41.2	4.22617
As 228.812	0.000000	mg/L	4.613	29.6	15.5831
B 182.577	0.000000	mg/L	1.469	34.2	4.28980
B 249.678	0.000000	mg/L	4.067	12.0	33.8110
B 249.772	0.000000	mg/L	7.819	10.3	76.0855
Ba 233.527	0.000000	mg/L	1.103	0.6	192.833
Ba 455.403	0.000000	mg/L	7.576	0.2	4120.65
Ba 493.408	0.000000	mg/L	17.057	0.7	2498.77
Be 234.861	0.000000	mg/L	1.236	45.2	2.73569
Be 313.042	0.000000	mg/L	3.338	0.2	1572.84
Be 313.107	0.000000	mg/L	6.686	7.5	89.5052
Ca 393.366	0.000000n	mg/L	20.773	0.1	16720.0
Ca 396.847	0.000000	mg/L	11.224	0.0	23220.9
Ca 430.253	0.000000	mg/L	9.268	0.7	1328.51
Cd 214.439	0.000000	mg/L	1.741	47.1	3.69854
Cd 226.502	0.000000	mg/L	4.019	19.7	20.4369
Cd 228.802	0.000000	mg/L	7.031	29.1	24.1625
Co 228.615	0.000000	mg/L	4.835	44.7	10.8108
Co 230.786	0.000000	mg/L	9.514	77.4	12.2858
Co 238.892	0.000000	mg/L	4.889	80.7	6.06000
Cr 205.560	0.000000	mg/L	2.217	41.7	5.32080
Cr 206.158	0.000000	mg/L	2.688	68.6	3.91773
Cr 267.716	0.000000	mg/L	3.572	12.9	27.7930
Cu 213.598	0.000000	mg/L	2.324	49.6	4.68779
Cu 324.754	0.000000	mg/L	9.785	1.6	604.362
Cu 327.395	0.000000	mg/L	16.748	43.0	38.9623
Fe 234.350	0.000000	mg/L	3.670	31.2	11.7538
Fe 238.204	0.000000	mg/L	5.217	22.0	23.7047
Fe 259.940	0.000000	mg/L	3.042	6.9	44.0234
Ga 287.423	0.000000	mg/L	4.339	27.2	15.9341
Ga 294.363	0.000000	mg/L	6.867	22.8	30.1077
Ga 417.204	0.000000	mg/L	16.658	16.5	101.254
K 766.491	0.000000	mg/L	52.352	2.2	2426.99
K 769.897	0.000000	mg/L	107.460	0.8	13786.5
Li 610.365	0.000000	mg/L	12.186	38.2	31.8776
Li 670.783	0.000000	mg/L	164.409	0.2	76239.0
Mg 279.078	0.000000	mg/L	5.975	35.5	16.8081
Mg 280.270	0.000000	mg/L	2.517	0.8	324.660
Mg 285.213	0.000000	mg/L	16.209	19.6	82.7060
Mn 257.610	0.000000	mg/L	0.729	15.2	4.78347
Mn 259.372	0.000000	mg/L	7.076	12.5	56.7441
Mn 260.568	0.000000	mg/L	0.394	6.1	6.40883
Mo 202.032	0.000000	mg/L	4.535	8.7	52.4066
Mo 203.846	0.000000	mg/L	2.702	15.1	17.8388

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.000000	mg/L	3.086	20.7	14.8812
Na 568.821	0.000000	mg/L	26.364	10.6	248.674
Na 588.995	0.000000	mg/L	1421.233	0.6	226847
Na 589.592	0.000000	mg/L	265.192	0.3	77669.9
Ni 216.555	0.000000	mg/L	4.233	52.1	8.11723
Ni 221.648	0.000000	mg/L	2.703	48.9	5.52696
Ni 231.604	0.000000	mg/L	1.620	19.8	8.17069
P 177.434	0.000000	mg/L	1.087	57.5	1.89045
P 213.618	0.000000	mg/L	1.845	51.6	3.57623
P 214.914	0.000000	mg/L	1.554	184.3	0.842982
Pb 220.353	0.000000	mg/L	2.452	32.4	7.56430
Pb 261.417	0.000000	mg/L	2.350	10.7	21.9149
Pb 405.781	0.000000	mg/L	4.593	11.1	41.4980
Sb 206.834	0.000000	mg/L	2.660	15.0	17.6915
Sb 231.146	0.000000	mg/L	2.169	10.8	20.1625
Sb 259.804	0.000000	mg/L	1.859	13.0	14.3193
Se 196.026	0.000000	mg/L	1.418	20.1	7.05394
Se 203.985	0.000000	mg/L	3.125	66.6	4.69359
Si 250.690	0.000000	mg/L	2.451	10.1	24.3618
Si 251.611	0.000000	mg/L	0.486	2.8	17.2129
Si 288.158	0.000000	mg/L	5.534	0.7	844.130
Sn 189.927	0.000000	mg/L	0.573	16.3	3.51912
Sn 283.998	0.000000	mg/L	5.586	24.0	23.2939
Sr 216.596	0.000000	mg/L	3.862	17.4	22.2123
Sr 407.771	0.000000	mg/L	4.805	0.1	5384.62
Sr 421.552	0.000000	mg/L	14.962	0.5	3081.98
Ti 334.941	0.000000	mg/L	30.767	16.2	189.628
Ti 336.122	0.000000	mg/L	32.423	51.8	62.5373
Ti 337.280	0.000000	mg/L	21.773	62.3	34.9696
Tl 190.794	0.000000	mg/L	1.154	49.4	2.33508
Tl 190.807	0.000000	mg/L	0.999	51.0	1.95655
Tl 351.923	0.000000	mg/L	11.586	85.0	13.6280
V 268.796	0.000000	mg/L	4.537	14.2	31.8417
V 292.401	0.000000	mg/L	9.569	28.0	34.2199
V 311.837	0.000000	mg/L	5.698	36.7	15.5321
Zn 202.548	0.000000	mg/L	3.633	0.5	796.388
Zn 206.200	0.000000	mg/L	1.069	0.4	250.505
Zn 213.857	0.000000	mg/L	4.025	0.3	1307.01

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22936	9857.95	30.143	0.3
Y 371.029	0.871716	143752	529.964	0.4

Standard 1 (Std) **4/7/2011, 3:10:21 PM** **Rack 2, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.001000	mg/L	2.153	2.0	106.313
Be 313.042	0.001000	mg/L	8.297	0.3	3309.12
Be 313.107	0.001000	mg/L	3.767	0.4	877.497
Cd 214.439	0.000500	mg/L	1.635	13.3	12.2957
Cd 226.502	0.000500	mg/L	1.539	3.6	42.3803

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 228.802	0.000500	mg/L	5.786	14.7	39.2367
Cr 205.560	0.001000	mg/L	2.110	23.1	9.11591
Cr 206.158	0.001000	mg/L	0.620	14.1	4.40565
Cr 267.716	0.001000	mg/L	5.684	11.9	47.9176
Cu 213.598	0.001000	mg/L	2.970	56.3	5.27924
Cu 324.754	0.001000	mg/L	12.503	2.0	625.431
Cu 327.395	0.001000	mg/L	4.402	5.3	83.2077
K 766.491	0.010000	mg/L	9.833	0.3	3188.98
K 769.897	0.010000	mg/L	94.116	0.7	14289.5
Mg 279.078	0.010000	mg/L	2.542	7.6	33.3615
Mg 280.270	0.010000	mg/L	9.690	0.7	1433.94
Mg 285.213	0.010000	mg/L	3.986	0.9	456.885

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23971	9940.96	44.150	0.4
Y 371.029	0.877303	144673	651.056	0.5

Standard 2 (Std) **4/7/2011, 3:13:51 PM** **Rack 2, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.001000	mg/L	7.511	1.0	788.386
Ag 338.289	0.001000	mg/L	7.229	207.5	-3.48326
Al 237.312	0.025000	mg/L	9.041	8.6	105.079
Al 257.509	0.025000	mg/L	6.183	19.1	32.3117
Al 308.215	0.025000	mg/L	5.176	0.5	1061.13
As 188.980	0.005000	mg/L	2.318	21.7	10.6988
As 193.696	0.005000	mg/L	0.987	14.7	6.70299
As 228.812	0.005000	mg/L	15.234	205.1	7.42661
Ba 233.527	0.005000	mg/L	3.389	0.9	395.939
Ba 455.403	0.005000	mg/L	39.498	0.5	8687.20
Ba 493.408	0.005000	mg/L	32.900	0.6	5157.47
Be 234.861	0.005000	mg/L	2.428	0.4	565.762
Be 313.042	0.005000	mg/L	63.532	0.6	9951.71
Be 313.107	0.005000	mg/L	31.685	0.8	4087.74
Ca 393.366	0.050000n	mg/L	662.719	0.7	91161.7
Ca 396.847	0.050000	mg/L	953.890	0.8	126752
Ca 430.253	0.050000	mg/L	36.151	2.2	1615.00
Cd 214.439	0.002500	mg/L	1.652	3.0	54.9332
Cd 226.502	0.002500	mg/L	1.669	1.4	121.142
Cd 228.802	0.002500	mg/L	9.603	16.1	59.5622
Co 228.615	0.005000	mg/L	10.125	16.2	62.3615
Co 230.786	0.005000	mg/L	4.057	9.0	45.0259
Co 238.892	0.005000	mg/L	3.230	9.0	35.8167
Cr 205.560	0.005000	mg/L	1.498	6.1	24.6353
Cr 206.158	0.005000	mg/L	1.273	11.8	10.7945
Cr 267.716	0.005000	mg/L	6.211	4.7	132.893
Cu 213.598	0.005000	mg/L	2.996	13.1	22.8792
Cu 324.754	0.005000	mg/L	1.232	0.2	762.426
Cu 327.395	0.005000	mg/L	3.018	1.2	256.073
Fe 234.350	0.005000	mg/L	9.174	13.3	69.0523
Fe 238.204	0.005000	mg/L	18.397	11.0	167.583

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Fe 259.940	0.005000	mg/L	14.435	9.5	151.349
Ga 287.423	0.005000	mg/L	4.590	21.2	21.6939
Ga 294.363	0.005000	mg/L	6.054	14.0	43.2029
Ga 417.204	0.005000	mg/L	20.629	13.8	149.695
K 766.491	0.050000	mg/L	28.648	0.5	6338.67
K 769.897	0.050000	mg/L	132.654	0.8	16531.5
Li 610.365	0.010000	mg/L	6.035	31.2	-19.3481
Li 670.783	0.010000	mg/L	436.876	0.4	112769
Mg 279.078	0.050000	mg/L	3.756	3.6	104.663
Mg 280.270	0.050000	mg/L	33.969	0.6	5745.50
Mg 285.213	0.050000	mg/L	14.193	0.8	1867.69
Mn 257.610	0.005000	mg/L	23.137	3.0	758.862
Mn 259.372	0.005000	mg/L	18.012	2.9	629.136
Mn 260.568	0.005000	mg/L	0.262	0.3	103.276
Mo 202.032	0.010000	mg/L	3.197	4.3	74.7868
Mo 203.846	0.010000	mg/L	3.649	14.1	25.9150
Mo 204.598	0.010000	mg/L	1.488	5.5	27.2102
Ni 216.555	0.010000	mg/L	2.356	3.8	62.1155
Ni 221.648	0.010000	mg/L	1.475	5.6	26.2320
Ni 231.604	0.010000	mg/L	1.657	3.4	48.6108
Pb 220.353	0.010000	mg/L	3.262	16.3	20.0625
Pb 261.417	0.010000	mg/L	3.840	14.3	26.8309
Pb 405.781	0.010000	mg/L	8.896	15.6	57.0862
Sb 206.834	0.010000	mg/L	2.489	12.4	20.0077
Sb 231.146	0.010000	mg/L	5.852	43.1	13.5782
Sb 259.804	0.010000	mg/L	4.244	25.6	16.5821
Se 196.026	0.010000	mg/L	0.702	6.9	10.1797
Se 203.985	0.010000	mg/L	0.737	12.0	6.16686
Si 250.690	0.010000	mg/L	3.251	5.3	61.1794
Si 251.611	0.010000	mg/L	2.688	5.1	52.6575
Si 288.158	0.010000	mg/L	10.114	1.0	1054.01
Sn 189.927	0.010000	mg/L	0.588	9.2	6.35675
Sn 283.998	0.010000	mg/L	14.179	49.4	28.6761
Sr 216.596	0.005000	mg/L	3.040	4.4	69.3468
Sr 407.771	0.005000	mg/L	100.781	0.6	17742.1
Sr 421.552	0.005000	mg/L	105.902	1.0	10653.5
Ti 334.941	0.005000	mg/L	38.089	3.4	1131.48
Ti 336.122	0.005000	mg/L	31.640	6.7	474.624
Ti 337.280	0.005000	mg/L	38.471	27.0	142.370
V 268.796	0.005000	mg/L	31.071	44.0	70.6343
V 292.401	0.005000	mg/L	5.985	3.1	194.943
V 311.837	0.005000	mg/L	7.642	3.6	212.896
Zn 202.548	0.005000	mg/L	28.106	3.4	835.806
Zn 206.200	0.005000	mg/L	2.076	0.8	268.355
Zn 213.857	0.005000	mg/L	53.093	3.9	1366.75

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23524	9905.13	29.873	0.3
Y 371.029	0.875686	144407	271.238	0.2

Standard 3 (Std) **4/7/2011, 3:17:27 PM** **Rack 2, Tube 4**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.004000	mg/L	9.788	1.1	910.614
Ag 338.289	0.004000	mg/L	6.708	86.1	7.78920
Al 237.312	0.100000	mg/L	2.088	1.1	191.590
Al 257.509	0.100000	mg/L	5.991	7.3	82.0771
Al 308.215	0.100000	mg/L	16.398	1.1	1456.58
As 188.980	0.020000	mg/L	1.022	6.9	14.8527
As 193.696	0.020000	mg/L	1.650	14.0	11.8243
As 228.812	0.020000	mg/L	25.910	155.9	16.6208
B 182.577	0.020000	mg/L	0.766	5.0	15.3773
B 249.678	0.020000	mg/L	4.785	2.4	201.835
B 249.772	0.020000	mg/L	6.120	1.4	432.173
Ba 233.527	0.020000	mg/L	7.866	0.8	1007.73
Ba 455.403	0.020000	mg/L	117.560	0.5	22513.4
Ba 493.408	0.020000	mg/L	82.392	0.6	13295.3
Be 234.861	0.020000	mg/L	16.386	0.7	2318.73
Be 313.042	0.020000	mg/L	149.278	0.4	35017.5
Be 313.107	0.020000	mg/L	90.375	0.6	16211.0
Ca 393.366	0.200000n	mg/L	1578.316	0.5	293268
Ca 396.847	0.200000	mg/L	2128.964	0.5	409793
Ca 430.253	0.200000	mg/L	40.524	1.7	2413.04
Cd 214.439	0.010000	mg/L	2.850	1.2	228.498
Cd 226.502	0.010000	mg/L	2.908	0.7	424.744
Cd 228.802	0.010000	mg/L	7.457	4.1	181.310
Co 228.615	0.020000	mg/L	1.164	0.6	206.567
Co 230.786	0.020000	mg/L	4.253	3.0	142.986
Co 238.892	0.020000	mg/L	3.145	2.5	127.187
Cr 205.560	0.020000	mg/L	0.330	0.4	90.5152
Cr 206.158	0.020000	mg/L	1.351	3.6	37.6159
Cr 267.716	0.020000	mg/L	5.422	1.1	472.694
Cu 213.598	0.020000	mg/L	3.258	3.9	83.9683
Cu 324.754	0.020000	mg/L	8.915	0.7	1268.60
Cu 327.395	0.020000	mg/L	7.603	0.8	901.739
Fe 234.350	0.020000	mg/L	16.670	9.0	184.639
Fe 238.204	0.020000	mg/L	24.013	5.9	404.715
Fe 259.940	0.020000	mg/L	19.982	5.7	351.605
Ga 287.423	0.020000	mg/L	5.437	9.8	55.1985
Ga 294.363	0.020000	mg/L	13.052	10.2	128.435
Ga 417.204	0.020000	mg/L	23.948	8.2	293.273
K 766.491	0.200000	mg/L	56.038	0.3	18541.1
K 769.897	0.200000	mg/L	100.479	0.4	25493.4
Li 610.365	0.040000	mg/L	17.035	3.0	562.370
Li 670.783	0.040000	mg/L	701.309	0.3	233606
Mg 279.078	0.200000	mg/L	1.701	0.5	371.677
Mg 280.270	0.200000	mg/L	103.267	0.5	22069.4
Mg 285.213	0.200000	mg/L	38.449	0.5	7256.97
Mn 257.610	0.020000	mg/L	58.370	1.9	3071.21
Mn 259.372	0.020000	mg/L	52.971	2.3	2330.32
Mn 260.568	0.020000	mg/L	8.752	2.1	407.832
Mo 202.032	0.040000	mg/L	4.320	2.4	178.523
Mo 203.846	0.040000	mg/L	2.866	4.1	70.6304

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.040000	mg/L	3.582	4.8	74.5510
Ni 216.555	0.040000	mg/L	0.454	0.2	238.700
Ni 221.648	0.040000	mg/L	0.850	0.9	93.9106
Ni 231.604	0.040000	mg/L	3.336	2.1	160.040
P 177.434	0.020000	mg/L	0.779	14.9	5.21208
P 213.618	0.020000	mg/L	3.479	25.6	13.6029
P 214.914	0.020000	mg/L	2.607	45.3	5.75162
Pb 220.353	0.040000	mg/L	1.975	3.4	58.6091
Pb 261.417	0.040000	mg/L	5.444	12.1	45.1636
Pb 405.781	0.040000	mg/L	8.843	8.7	101.456
Sb 206.834	0.040000	mg/L	2.100	5.3	39.5216
Sb 231.146	0.040000	mg/L	6.397	24.2	26.3815
Sb 259.804	0.040000	mg/L	2.970	11.2	26.5268
Se 196.026	0.040000	mg/L	1.537	8.1	19.0854
Se 203.985	0.040000	mg/L	1.538	17.8	8.66336
Si 250.690	0.040000	mg/L	2.890	3.0	95.0971
Si 251.611	0.040000	mg/L	3.293	3.3	99.5212
Si 288.158	0.040000	mg/L	9.296	0.7	1284.05
Sn 189.927	0.040000	mg/L	0.515	3.4	15.1762
Sn 283.998	0.040000	mg/L	39.508	49.7	79.4567
Sr 216.596	0.020000	mg/L	1.946	0.9	222.369
Sr 407.771	0.020000	mg/L	245.466	0.4	55067.0
Sr 421.552	0.020000	mg/L	221.640	0.7	33905.9
Ti 334.941	0.020000	mg/L	72.059	1.7	4148.33
Ti 336.122	0.020000	mg/L	30.039	1.7	1734.03
Ti 337.280	0.020000	mg/L	11.712	2.0	595.557
Tl 190.794	0.020000	mg/L	1.438	15.4	9.31385
Tl 190.807	0.020000	mg/L	0.431	9.9	4.33634
Tl 351.923	0.020000	mg/L	13.872	24.7	56.2127
V 268.796	0.020000	mg/L	70.973	34.8	203.800
V 292.401	0.020000	mg/L	3.192	0.5	708.417
V 311.837	0.020000	mg/L	16.006	1.9	849.959
Zn 202.548	0.020000	mg/L	24.368	2.5	989.448
Zn 206.200	0.020000	mg/L	3.368	1.1	315.971
Zn 213.857	0.020000	mg/L	45.200	2.8	1623.40

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23168	9876.53	57.786	0.6
Y 371.029	0.875085	144308	670.985	0.5

Standard 4 (Std) **4/7/2011, 3:21:06 PM** **Rack 2, Tube 5**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.020000	mg/L	7.895	0.5	1649.61
Ag 338.289	0.020000	mg/L	6.479	20.4	31.7458
Al 237.312	0.500000	mg/L	7.034	1.0	732.744
Al 257.509	0.500000	mg/L	6.626	2.1	318.451
Al 308.215	0.500000	mg/L	21.764	0.6	3862.18
As 188.980	0.100000	mg/L	1.982	4.2	46.8565
As 193.696	0.100000	mg/L	2.003	4.4	45.2427
As 228.812	0.100000	mg/L	91.225	126.9	71.8694

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
B 182.577	0.100000	mg/L	0.763	1.3	58.0753
B 249.678	0.100000	mg/L	10.650	1.1	927.841
B 249.772	0.100000	mg/L	21.560	1.1	1957.94
Ba 233.527	0.100000	mg/L	16.890	0.4	4211.17
Ba 455.403	0.100000	mg/L	160.449	0.2	93070.5
Ba 493.408	0.100000	mg/L	116.616	0.2	55011.2
Be 234.861	0.100000	mg/L	105.352	0.9	11411.9
Be 313.042	0.100000	mg/L	441.009	0.3	167976
Be 313.107	0.100000	mg/L	206.289	0.3	79530.2
Ca 393.366	1.00000n	mg/L	5638.442	0.4	1360896
Ca 396.847	1.00000	mg/L	5198.987	0.3	1905288
Ca 430.253	1.00000	mg/L	30.061	0.5	6105.17
Cd 214.439	0.050000	mg/L	1.051	0.1	1131.97
Cd 226.502	0.050000	mg/L	3.448	0.2	2031.43
Cd 228.802	0.050000	mg/L	4.109	0.5	795.554
Co 228.615	0.100000	mg/L	6.205	0.6	994.620
Co 230.786	0.100000	mg/L	4.233	0.6	667.532
Co 238.892	0.100000	mg/L	3.623	0.6	612.701
Cr 205.560	0.100000	mg/L	1.753	0.4	435.151
Cr 206.158	0.100000	mg/L	2.537	1.4	178.371
Cr 267.716	0.100000	mg/L	14.170	0.6	2230.96
Cu 213.598	0.100000	mg/L	6.320	1.4	440.810
Cu 324.754	0.100000	mg/L	17.483	0.4	3969.05
Cu 327.395	0.100000	mg/L	19.683	0.5	4340.42
Fe 234.350	0.100000	mg/L	77.329	8.4	918.441
Fe 238.204	0.100000	mg/L	100.250	5.1	1968.18
Fe 259.940	0.100000	mg/L	71.268	4.5	1594.97
Ga 287.423	0.100000	mg/L	9.851	3.9	252.223
Ga 294.363	0.100000	mg/L	3.640	0.6	637.759
Ga 417.204	0.100000	mg/L	76.204	7.3	1039.29
K 766.491	1.00000	mg/L	179.952	0.2	82869.7
K 769.897	1.00000	mg/L	139.866	0.2	73545.1
Li 610.365	0.200000	mg/L	26.995	0.3	7890.35
Li 670.783	0.200000	mg/L	1916.028	0.2	825871
Mg 279.078	1.00000	mg/L	2.026	0.1	1791.61
Mg 280.270	1.00000	mg/L	801.994	0.8	106596
Mg 285.213	1.00000	mg/L	205.282	0.6	36467.4
Mn 257.610	0.100000	mg/L	289.615	1.9	15317.4
Mn 259.372	0.100000	mg/L	237.047	2.1	11367.4
Mn 260.568	0.100000	mg/L	16.209	0.8	2023.87
Mo 202.032	0.200000	mg/L	10.408	1.4	736.436
Mo 203.846	0.200000	mg/L	4.154	1.4	295.705
Mo 204.598	0.200000	mg/L	4.328	1.3	343.785
Na 568.821	1.00000	mg/L	38.964	8.5	456.345
Na 588.995	1.00000	mg/L	3221.994	0.4	904616
Na 589.592	1.00000	mg/L	1769.008	0.4	421367
Ni 216.555	0.200000	mg/L	4.646	0.4	1164.43
Ni 221.648	0.200000	mg/L	4.196	0.9	464.785
Ni 231.604	0.200000	mg/L	4.524	0.6	760.616
P 177.434	0.100000	mg/L	0.514	2.7	19.3896
P 213.618	0.100000	mg/L	6.934	10.1	68.9482

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
P 214.914	0.100000	mg/L	2.686	12.0	22.3637
Pb 220.353	0.200000	mg/L	2.905	1.1	272.654
Pb 261.417	0.200000	mg/L	11.109	8.7	127.717
Pb 405.781	0.200000	mg/L	8.012	2.5	322.432
Sb 206.834	0.200000	mg/L	2.156	1.4	149.902
Sb 231.146	0.200000	mg/L	4.955	4.3	114.824
Sb 259.804	0.200000	mg/L	3.645	3.7	99.6294
Se 196.026	0.200000	mg/L	1.459	2.2	67.6638
Se 203.985	0.200000	mg/L	3.058	8.3	36.7265
Si 250.690	0.200000	mg/L	4.831	1.6	310.666
Si 251.611	0.200000	mg/L	9.520	2.7	350.771
Si 288.158	0.200000	mg/L	8.437	0.3	2513.49
Sn 189.927	0.200000	mg/L	0.653	1.0	62.3040
Sn 283.998	0.200000	mg/L	151.127	48.7	310.539
Sr 216.596	0.100000	mg/L	0.802	0.1	1009.10
Sr 407.771	0.100000	mg/L	319.870	0.1	249976
Sr 421.552	0.100000	mg/L	460.818	0.3	154720
Ti 334.941	0.100000	mg/L	95.743	0.5	20192.6
Ti 336.122	0.100000	mg/L	54.595	0.6	8587.82
Ti 337.280	0.100000	mg/L	11.352	0.4	2974.62
Tl 190.794	0.100000	mg/L	2.021	5.5	36.6007
Tl 190.807	0.100000	mg/L	0.629	3.3	19.2439
Tl 351.923	0.100000	mg/L	3.919	2.5	157.272
V 268.796	0.100000	mg/L	275.484	31.1	886.473
V 292.401	0.100000	mg/L	27.369	0.8	3385.40
V 311.837	0.100000	mg/L	14.858	0.3	4452.05
Zn 202.548	0.100000	mg/L	41.480	2.2	1879.88
Zn 206.200	0.100000	mg/L	4.973	0.8	596.105
Zn 213.857	0.100000	mg/L	81.277	2.6	3105.54

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23592	9910.59	17.139	0.2
Y 371.029	0.878500	144871	170.439	0.1

Standard 5 (Std) **4/7/2011, 3:24:58 PM** **Rack 2, Tube 6**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.100000	mg/L	57.606	1.0	5506.19
Ag 338.289	0.100000	mg/L	12.414	4.4	285.172
Al 237.312	2.50000	mg/L	45.144	1.3	3412.06
Al 257.509	2.50000	mg/L	26.849	1.7	1547.05
Al 308.215	2.50000	mg/L	222.813	1.4	16133.4
As 188.980	0.500000	mg/L	4.142	2.1	202.007
As 193.696	0.500000	mg/L	3.699	1.7	220.652
As 228.812	0.500000	mg/L	433.674	126.0	344.073
B 182.577	0.500000	mg/L	7.357	2.8	263.449
B 249.678	0.500000	mg/L	61.879	1.4	4303.91
B 249.772	0.500000	mg/L	240.171	2.7	9054.88
Ba 233.527	0.500000	mg/L	65.456	0.3	20224.0
Ba 455.403	0.500000	mg/L	5846.785	1.3	455561
Ba 493.408	0.500000	mg/L	3526.782	1.3	267853

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.500000	mg/L	614.687	1.1	57468.0
Be 313.042	0.500000	mg/L	5751.513	0.7	822514
Be 313.107	0.500000	mg/L	2904.032	0.7	393699
Ca 393.366	5.00000n	mg/L	90424.477	1.5	6136395
Ca 396.847	5.00000	mg/L	136909.953	1.6	8744448
Ca 430.253	5.00000	mg/L	301.094	1.2	24156.0
Cd 214.439	0.250000	mg/L	47.399	0.8	5729.01
Cd 226.502	0.250000	mg/L	138.798	1.4	9970.04
Cd 228.802	0.250000	mg/L	45.725	1.2	3906.14
Co 228.615	0.500000	mg/L	51.822	1.0	4967.52
Co 230.786	0.500000	mg/L	14.378	0.4	3304.98
Co 238.892	0.500000	mg/L	38.558	1.3	3035.79
Cr 205.560	0.500000	mg/L	30.766	1.4	2196.75
Cr 206.158	0.500000	mg/L	14.587	1.6	895.912
Cr 267.716	0.500000	mg/L	161.858	1.5	10946.8
Cu 213.598	0.500000	mg/L	40.957	1.8	2260.79
Cu 324.754	0.500000	mg/L	231.422	1.3	17664.9
Cu 327.395	0.500000	mg/L	269.470	1.2	21660.3
Fe 234.350	0.500000	mg/L	370.631	8.3	4460.79
Fe 238.204	0.500000	mg/L	500.475	5.3	9477.16
Fe 259.940	0.500000	mg/L	334.230	4.4	7582.99
Ga 287.423	0.500000	mg/L	38.996	3.2	1203.27
Ga 294.363	0.500000	mg/L	50.203	1.6	3199.38
Ga 417.204	0.500000	mg/L	379.287	7.6	4978.92
K 766.491	5.00000	mg/L	5149.795	1.2	415598
K 769.897	5.00000	mg/L	4201.186	1.3	324723
Li 610.365	1.00000	mg/L	563.848	1.1	50862.8
Li 670.783	1.00000	mg/L	51220.246	1.3	3825704
Mg 279.078	5.00000	mg/L	119.091	1.3	8884.15
Mg 280.270	5.00000	mg/L	4184.436	0.8	539490
Mg 285.213	5.00000	mg/L	2963.974	1.6	187469
Mn 257.610	0.500000	mg/L	1462.828	1.9	75566.2
Mn 259.372	0.500000	mg/L	1287.385	2.3	55917.4
Mn 260.568	0.500000	mg/L	92.240	0.9	10037.6
Mo 202.032	1.00000	mg/L	102.233	2.8	3712.99
Mo 203.846	1.00000	mg/L	44.127	2.9	1505.30
Mo 204.598	1.00000	mg/L	36.720	2.1	1775.83
Na 568.821	5.00000	mg/L	33.414	2.2	1492.92
Na 588.995	5.00000	mg/L	39436.055	1.1	3663100
Na 589.592	5.00000	mg/L	26194.305	1.4	1865198
Ni 216.555	1.00000	mg/L	81.676	1.4	5839.50
Ni 221.648	1.00000	mg/L	31.272	1.3	2318.03
Ni 231.604	1.00000	mg/L	30.351	0.8	3767.89
P 177.434	0.500000	mg/L	1.613	1.9	86.3469
P 213.618	0.500000	mg/L	19.968	5.5	364.484
P 214.914	0.500000	mg/L	9.702	8.8	110.867
Pb 220.353	1.00000	mg/L	19.925	1.5	1342.71
Pb 261.417	1.00000	mg/L	7.002	1.2	572.267
Pb 405.781	1.00000	mg/L	24.124	1.6	1470.02
Sb 206.834	1.00000	mg/L	7.997	1.4	553.451
Sb 231.146	1.00000	mg/L	7.466	1.7	437.324

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sb 259.804	1.00000	mg/L	6.621	1.8	368.242
Se 196.026	1.00000	mg/L	15.522	4.7	330.072
Se 203.985	1.00000	mg/L	15.400	8.3	185.319
Si 250.690	1.00000	mg/L	24.837	1.8	1375.86
Si 251.611	1.00000	mg/L	44.677	2.8	1568.23
Si 288.158	1.00000	mg/L	100.739	1.2	8350.10
Sn 189.927	1.00000	mg/L	5.272	1.7	304.074
Sn 283.998	1.00000	mg/L	743.591	49.3	1507.33
Sr 216.596	0.500000	mg/L	70.667	1.4	4966.92
Sr 407.771	0.500000	mg/L	8973.833	0.8	1191195
Sr 421.552	0.500000	mg/L	2823.626	0.4	740451
Ti 334.941	0.500000	mg/L	647.834	0.7	97772.0
Ti 336.122	0.500000	mg/L	620.307	1.5	42098.3
Ti 337.280	0.500000	mg/L	105.358	0.7	14985.3
Tl 190.794	0.500000	mg/L	3.672	1.9	189.527
Tl 190.807	0.500000	mg/L	2.564	2.5	100.755
Tl 351.923	0.500000	mg/L	2.974	0.4	694.661
V 268.796	0.500000	mg/L	1400.418	32.2	4352.29
V 292.401	0.500000	mg/L	207.549	1.2	16756.5
V 311.837	0.500000	mg/L	342.724	1.5	22968.4
Zn 202.548	0.500000	mg/L	162.774	2.6	6304.67
Zn 206.200	0.500000	mg/L	23.407	1.2	2001.52
Zn 213.857	0.500000	mg/L	272.334	2.7	10261.4

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22076	9789.01	47.777	0.5
Y 371.029	0.865374	142706	576.581	0.4

Standard 6 (Std) **4/7/2011, 3:29:11 PM** **Rack 2, Tube 7**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.400000	mg/L	58.774	0.3	20283.8
Ag 338.289	0.400000	mg/L	42.116	3.4	1248.14
Al 237.312	10.0000	mg/L	24.166	0.2	13423.3
Al 257.509	10.0000	mg/L	9.016	0.1	6208.05
Al 308.215	10.0000	mg/L	271.599	0.4	61903.0
As 188.980	2.00000	mg/L	6.531	0.8	808.735
As 193.696	2.00000	mg/L	2.608	0.3	917.737
As 228.812	2.00000	mg/L	1727.390	125.6	1374.92
B 182.577	2.00000	mg/L	11.628	1.1	1061.41
B 249.678	2.00000	mg/L	223.454	1.3	17380.9
B 249.772	2.00000	mg/L	445.715	1.2	37049.9
Ba 233.527	2.00000	mg/L	128.620	0.2	81161.9
Ba 455.403	2.00000	mg/L	3056.248	0.2	1762717
Ba 493.408	2.00000	mg/L	1162.823	0.1	1039818
Be 234.861	2.00000	mg/L	748.746	0.3	234425
Be 313.042	2.00000	mg/L	14934.393	0.4	3346165
Be 313.107	2.00000	mg/L	6676.351	0.4	1598475
Ca 393.366	20.0000n	mg/L	143283.547	0.7	21632170
Ca 396.847	20.0000o	mg/L	467579.719	1.4	33244142
Ca 430.253	20.0000	mg/L	461.478	0.5	93315.3

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 214.439	1.00000	mg/L	307.708	1.3	22940.7
Cd 226.502	1.00000	mg/L	81.933	0.2	40072.8
Cd 228.802	1.00000	mg/L	19.231	0.1	15537.2
Co 228.615	2.00000	mg/L	69.496	0.4	19795.9
Co 230.786	2.00000	mg/L	32.553	0.2	13190.6
Co 238.892	2.00000	mg/L	40.546	0.3	12103.7
Cr 205.560	2.00000	mg/L	36.744	0.4	8778.18
Cr 206.158	2.00000	mg/L	12.728	0.4	3584.63
Cr 267.716	2.00000	mg/L	137.552	0.3	44063.4
Cu 213.598	2.00000	mg/L	124.513	1.4	8935.36
Cu 324.754	2.00000	mg/L	293.735	0.4	69428.4
Cu 327.395	2.00000	mg/L	147.671	0.2	86171.5
Fe 234.350	2.00000	mg/L	1445.778	8.1	17761.3
Fe 238.204	2.00000	mg/L	1886.345	4.9	38274.7
Fe 259.940	2.00000	mg/L	1325.601	4.3	30753.8
Ga 287.423	2.00000	mg/L	151.142	3.2	4793.56
Ga 294.363	2.00000	mg/L	78.569	0.6	12983.3
Ga 417.204	2.00000	mg/L	1477.690	7.5	19715.8
K 766.491	20.0000	mg/L	6594.257	0.4	1564683
K 769.897	20.0000	mg/L	5001.538	0.4	1256366
Li 610.365	4.00000	mg/L	305.664	0.1	218693
Li 670.783	4.00000	mg/L	39198.367	0.3	13739882
Mg 279.078	20.0000	mg/L	89.447	0.2	35890.8
Mg 280.270	20.0000	mg/L	7936.401	0.4	2037181
Mg 285.213	20.0000	mg/L	1962.275	0.3	757140
Mn 257.610	2.00000	mg/L	7271.224	2.4	304815
Mn 259.372	2.00000	mg/L	6263.478	2.8	225851
Mn 260.568	2.00000	mg/L	470.649	1.2	40209.4
Mo 202.032	4.00000	mg/L	228.764	1.5	15410.1
Mo 203.846	4.00000	mg/L	92.642	1.5	6331.75
Mo 204.598	4.00000	mg/L	104.294	1.4	7443.69
Na 568.821	20.0000	mg/L	109.356	2.0	5596.74
Na 588.995	20.0000	mg/L	46096.602	0.4	12731836
Na 589.592	20.0000	mg/L	29614.189	0.4	7009290
Ni 216.555	4.00000	mg/L	53.007	0.2	23314.4
Ni 221.648	4.00000	mg/L	46.251	0.5	9204.47
Ni 231.604	4.00000	mg/L	42.143	0.3	15060.5
P 177.434	2.00000	mg/L	3.747	1.1	344.362
P 213.618	2.00000	mg/L	78.009	5.3	1468.19
P 214.914	2.00000	mg/L	36.966	8.7	423.645
Pb 220.353	4.00000	mg/L	5.866	0.1	5386.19
Pb 261.417	4.00000	mg/L	6.321	0.3	2222.90
Pb 405.781	4.00000	mg/L	62.581	1.1	5795.53
Sb 206.834	4.00000	mg/L	22.088	0.8	2903.08
Sb 231.146	4.00000	mg/L	23.388	1.1	2207.63
Sb 259.804	4.00000	mg/L	11.740	0.6	1949.29
Se 196.026	4.00000	mg/L	27.524	2.0	1378.97
Se 203.985	4.00000	mg/L	53.827	7.0	772.123
Si 250.690	4.00000	mg/L	47.637	0.9	5348.38
Si 251.611	4.00000	mg/L	156.903	2.6	6122.33
Si 288.158	4.00000	mg/L	88.465	0.3	30839.4

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sn 189.927	4.00000	mg/L	1.558	0.1	1221.52
Sn 283.998	4.00000	mg/L	2943.715	49.4	5959.00
Sr 216.596	2.00000	mg/L	41.194	0.2	19766.0
Sr 407.771	2.00000	mg/L	36706.289	0.8	4796508
Sr 421.552	2.00000	mg/L	6862.456	0.2	2974602
Ti 334.941	2.00000	mg/L	2390.677	0.6	398426
Ti 336.122	2.00000	mg/L	1049.107	0.6	169877
Ti 337.280	2.00000	mg/L	151.212	0.2	60551.2
Tl 190.794	2.00000	mg/L	6.110	0.8	757.584
Tl 190.807	2.00000	mg/L	8.348	2.1	406.268
Tl 351.923	2.00000	mg/L	35.768	1.3	2756.45
V 268.796	2.00000	mg/L	5835.850	33.9	17234.9
V 292.401	2.00000	mg/L	234.167	0.3	67534.2
V 311.837	2.00000	mg/L	207.890	0.2	91291.6
Zn 202.548	2.00000	mg/L	502.606	2.2	22796.8
Zn 206.200	2.00000	mg/L	56.335	0.8	7247.00
Zn 213.857	2.00000	mg/L	1029.869	2.7	38096.5

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21411	9735.70	12.533	0.1
Y 371.029	0.860737	141941	217.930	0.2

Standard 7 (Std) **4/7/2011, 3:33:25 PM** **Rack 2, Tube 8**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ca 393.366	100.000on	mg/L	238438.391	0.5	45408868
Ca 396.847	100.000o	mg/L	219277.984	0.5	43150076
Ca 430.253	100.000	mg/L	2187.986	0.5	472226
Mg 279.078	100.000	mg/L	219.177	0.1	179454
Mg 280.270	100.000	mg/L	34168.469	0.4	7816685
Mg 285.213	100.000	mg/L	32009.650	0.9	3471799
Na 568.821	100.000	mg/L	558.684	2.0	28555.0
Na 588.995	100.000o	mg/L	704579.813	2.0	35082076
Na 589.592	100.000o	mg/L	996161.063	3.3	30615072

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14761	9202.45	20.505	0.2
Y 371.029	0.827322	136431	670.234	0.5

Ag 328.068 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999979**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		747.079	0.000000	0.000700	-	-
Standard 2		788.386	0.001000	0.001549	0.000549	54.9
Standard 3		910.614	0.004000	0.004062	0.000062	1.5
Standard 4		1649.61	0.020000	0.019254	-0.000746	-3.7
Standard 5		5506.19	0.100000	0.098539	-0.001461	-1.5
Standard 6		20283.8	0.400000	0.402341	0.002341	0.6

Curve Type: Linear Equation: y = 48642.3 x + 713.0

Ag 338.289 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999670

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-2.76946	0.000000	0.000605	-	-
Standard 2		-3.48326	0.001000	0.000364	-0.000636	-63.6
Standard 3		7.78920	0.004000	0.004169	0.000169	4.2
Standard 4		31.7458	0.020000	0.012253	-0.007747	-38.7
Standard 5		285.172	0.100000	0.097777	-0.002223	-2.2
Standard 6		1248.14	0.400000	0.422751	0.022751	5.7

Curve Type: Linear Equation: y = 2963.2 x + -4.6

Al 237.312 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		70.0954	0.000000	0.008063	-	-
Standard 2		105.079	0.025000	0.034235	0.009235	36.9
Standard 3		191.590	0.100000	0.098959	-0.001041	-1.0
Standard 4		732.744	0.500000	0.503827	0.003827	0.8
Standard 5		3412.06	2.50000	2.50837	0.008374	0.3
Standard 6		13423.3	10.0000	9.99837	-0.001630	0.0

Curve Type: Linear Equation: y = 1336.6 x + 59.3

Al 257.509 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		20.3346	0.000000	0.004091	-	-
Standard 2		32.3117	0.025000	0.023443	-0.001557	-6.2
Standard 3		82.0771	0.100000	0.103853	0.003853	3.9
Standard 4		318.451	0.500000	0.485780	-0.014220	-2.8
Standard 5		1547.05	2.50000	2.47093	-0.029074	-1.2
Standard 6		6208.05	10.0000	10.0021	0.002057	0.0

Curve Type: Linear Equation: y = 618.9 x + 17.8

Al 308.215 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		913.309	0.000000	0.001560	-	-
Standard 2		1061.13	0.025000	0.026016	0.001016	4.1
Standard 3		1456.58	0.100000	0.091437	-0.008563	-8.6
Standard 4		3862.18	0.500000	0.489418	-0.010582	-2.1
Standard 5		16133.4	2.50000	2.51956	0.019557	0.8
Standard 6		61903.0	10.0000	10.0916	0.091626	0.9

Curve Type: Linear Equation: y = 6044.5 x + 903.9

As 188.980 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999971**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.86595	0.000000	-0.002099	-	-
Standard 2		10.6988	0.005000	0.009992	0.004992	99.8
Standard 3		14.8527	0.020000	0.020385	0.000385	1.9
Standard 4		46.8565	0.100000	0.100454	0.000454	0.5
Standard 5		202.007	0.500000	0.488618	-0.011382	-2.3
Standard 6		808.735	2.00000	2.00657	0.006571	0.3

Curve Type: Linear Equation: y = 399.7 x + 6.7

As 193.696 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999913**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.22617	0.000000	0.002290	-	-
Standard 2		6.70299	0.005000	0.007716	0.002716	54.3
Standard 3		11.8243	0.020000	0.018936	-0.001064	-5.3
Standard 4		45.2427	0.100000	0.092148	-0.007852	-7.9
Standard 5		220.652	0.500000	0.476428	-0.023572	-4.7
Standard 6		917.737	2.00000	2.00358	0.003576	0.2

Curve Type: Linear Equation: y = 456.5 x + 3.2

As 228.812 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999956**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		15.5831	0.000000	0.002151	-	-
Standard 2		7.42661	0.005000	-0.013456	-0.018456	-369.1
Standard 3		16.6208	0.020000	0.004137	-0.015863	-79.3
Standard 4		71.8694	0.100000	0.109854	0.009854	9.9
Standard 5		344.073	0.500000	0.630710	0.130710	26.1
Standard 6		1374.92	2.00000	2.60322	0.603216	30.2

Maximum error exceeded.
Curve Type: Linear Equation: y = 522.6 x + 14.5

B 182.577 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999985**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.28980	0.000000	-0.001182	-	-
Standard 3		15.3773	0.020000	0.019805	-0.000195	-1.0
Standard 4		58.0753	0.100000	0.100627	0.000627	0.6
Standard 5		263.449	0.500000	0.489369	-0.010631	-2.1
Standard 6		1061.41	2.00000	1.99980	-0.000195	0.0

Curve Type: Linear Equation: y = 528.3 x + 4.9

B 249.678 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999989**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		33.8110	0.000000	0.000113	-	-
Standard 3		201.835	0.020000	0.019379	-0.000621	-3.1
Standard 4		927.841	0.100000	0.102626	0.002626	2.6
Standard 5		4303.91	0.500000	0.489737	-0.010263	-2.1
Standard 6		17380.9	2.00000	1.98919	-0.010810	-0.5

Curve Type: Linear Equation: y = 8721.2 x + 32.8

B 249.772 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999970**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		76.0855	0.000000	0.000410	-	-
Standard 3		432.173	0.020000	0.019609	-0.000391	-2.0
Standard 4		1957.94	0.100000	0.101876	0.001876	1.9
Standard 5		9054.88	0.500000	0.484530	-0.015470	-3.1
Standard 6		37049.9	2.00000	1.99397	-0.006031	-0.3

Curve Type: Linear Equation: y = 18546.6 x + 68.5

Ba 233.527 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999996**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		192.833	0.000000	-0.000003	-	-
Standard 2		395.939	0.005000	0.005026	0.000026	0.5
Standard 3		1007.73	0.020000	0.020174	0.000174	0.9
Standard 4		4211.17	0.100000	0.099492	-0.000508	-0.5
Standard 5		20224.0	0.500000	0.495972	-0.004028	-0.8
Standard 6		81161.9	2.00000	2.00481	0.004805	0.2

Curve Type: Linear Equation: y = 40387.4 x + 193.0

Ba 455.403 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999977**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4120.65	0.000000	-0.000009	-	-
Standard 2		8687.20	0.005000	0.005145	0.000145	2.9
Standard 3		22513.4	0.020000	0.020751	0.000751	3.8
Standard 4		93070.5	0.100000	0.100392	0.000392	0.4
Standard 5		455561	0.500000	0.509550	0.009550	1.9
Standard 6		1762717	2.00000	1.98499	-0.015013	-0.8

Curve Type: Linear Equation: y = 885944.4 x + 4128.9

Ba 493.408 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999983

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2498.77	0.000000	-0.000061	-	-
Standard 2		5157.47	0.005000	0.005050	0.000050	1.0
Standard 3		13295.3	0.020000	0.020692	0.000692	3.5
Standard 4		55011.2	0.100000	0.100877	0.000877	0.9
Standard 5		267853	0.500000	0.509993	0.009993	2.0
Standard 6		1039818	2.00000	1.99384	-0.006164	-0.3

Curve Type: Linear Equation: y = 520247.3 x + 2530.3

Be 234.861 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.73569	0.000000	0.000043	-	-
Standard 1		106.313	0.001000	0.000939	-0.000061	-6.1
Standard 2		565.762	0.005000	0.004912	-0.000088	-1.8
Standard 3		2318.73	0.020000	0.020073	0.000073	0.4
Standard 4		11411.9	0.100000	0.098715	-0.001285	-1.3
Standard 5		57468.0	0.500000	0.497032	-0.002968	-0.6
Standard 6		234425	2.00000	2.02745	0.027450	1.4

Curve Type: Linear Equation: y = 115626.8 x + -2.2

Be 313.042 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999989

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1572.84	0.000000	-0.000005	-	-
Standard 1		3309.12	0.001000	0.001032	0.000032	3.2
Standard 2		9951.71	0.005000	0.005001	0.000001	0.0
Standard 3		35017.5	0.020000	0.019979	-0.000021	-0.1
Standard 4		167976	0.100000	0.099425	-0.000575	-0.6
Standard 5		822514	0.500000	0.490532	-0.009468	-1.9
Standard 6		3346165	2.00000	1.99849	-0.001510	-0.1

Curve Type: Linear Equation: y = 1673555.8 x + 1581.5

Be 313.107 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999993

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		89.5052	0.000000	0.000007	-	-
Standard 1		877.497	0.001000	0.000997	-0.000003	-0.3
Standard 2		4087.74	0.005000	0.005028	0.000028	0.6
Standard 3		16211.0	0.020000	0.020253	0.000253	1.3
Standard 4		79530.2	0.100000	0.099772	-0.000228	-0.2
Standard 5		393699	0.500000	0.494317	-0.005683	-1.1
Standard 6		1598475	2.00000	2.00732	0.007318	0.4

Curve Type: Linear Equation: y = 796281.9 x + 83.7

Ca 393.366 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999452

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank	n	16720.0	0.000000	-0.000010	-	-
Standard 2	n	91161.7	0.050000	0.057671	0.007671	15.3
Standard 3	n	293268	0.200000	0.214272	0.014272	7.1
Standard 4	n	1360896	1.00000	1.04152	0.041523	4.2
Standard 5	n	6136395	5.00000	4.74181	-0.258187	-5.2
Standard 6	n	21632170	20.0000	16.7487	-3.25130	-16.3

Curve Type: Linear Equation: y = 1290574.0 x + 16733.5

Ca 396.847 Calibration (mg/L) 4/7/2011, 3:24:58 PM Correlation Coefficient: 0.999884

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		23220.9	0.000000	-0.000001	-	-
Standard 2		126752	0.050000	0.054554	0.004554	9.1
Standard 3		409793	0.200000	0.203700	0.003700	1.9
Standard 4		1905288	1.00000	0.991739	-0.008261	-0.8
Standard 5		8744448	5.00000	4.59558	-0.404425	-8.1

Curve Type: Linear Equation: y = 1897744.1 x + 23222.2

Ca 430.253 Calibration (mg/L) 4/7/2011, 3:33:25 PM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1328.51	0.000000	-0.003468	-	-
Standard 2		1615.00	0.050000	0.057793	0.007793	15.6
Standard 3		2413.04	0.200000	0.228442	0.028442	14.2
Standard 4		6105.17	1.00000	1.01795	0.017949	1.8
Standard 5		24156.0	5.00000	4.87785	-0.122153	-2.4
Standard 6		93315.3	20.0000	19.6665	-0.333477	-1.7
Standard 7		472226	100.000	100.691	0.690819	0.7

Curve Type: Linear Equation: y = 4676.5 x + 1344.7

Cd 214.439 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.69854	0.000000	0.000123	-	-
Standard 1		12.2957	0.000500	0.000503	0.000003	0.6
Standard 2		54.9332	0.002500	0.002388	-0.000112	-4.5
Standard 3		228.498	0.010000	0.010059	0.000059	0.6
Standard 4		1131.97	0.050000	0.049990	-0.000010	0.0
Standard 5		5729.01	0.250000	0.253167	0.003167	1.3
Standard 6		22940.7	1.00000	1.01388	0.013881	1.4

Curve Type: Linear Equation: y = 22625.7 x + 0.9

Cd 226.502 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		20.4369	0.000000	-0.000039	-	-
Standard 1		42.3803	0.000500	0.000508	0.000008	1.5
Standard 2		121.142	0.002500	0.002470	-0.000030	-1.2
Standard 3		424.744	0.010000	0.010036	0.000036	0.4
Standard 4		2031.43	0.050000	0.050073	0.000073	0.1
Standard 5		9970.04	0.250000	0.247894	-0.002106	-0.8
Standard 6		40072.8	1.00000	0.998022	-0.001978	-0.2

Curve Type: Linear Equation: y = 40130.2 x + 22.0

Cd 228.802 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24.1625	0.000000	0.000004	-	-
Standard 1		39.2367	0.000500	0.000976	0.000476	95.2
Standard 2		59.5622	0.002500	0.002286	-0.000214	-8.5
Standard 3		181.310	0.010000	0.010137	0.000137	1.4
Standard 4		795.554	0.050000	0.049742	-0.000258	-0.5
Standard 5		3906.14	0.250000	0.250308	0.000308	0.1
Standard 6		15537.2	1.00000	1.00026	0.000259	0.0

Curve Type: Linear Equation: y = 15509.0 x + 24.1

Co 228.615 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.8108	0.000000	0.000193	-	-
Standard 2		62.3615	0.005000	0.005407	0.000407	8.1
Standard 3		206.567	0.020000	0.019993	-0.000007	0.0
Standard 4		994.620	0.100000	0.099702	-0.000298	-0.3
Standard 5		4967.52	0.500000	0.501547	0.001547	0.3
Standard 6		19795.9	2.00000	2.00138	0.001385	0.1

Curve Type: Linear Equation: y = 9886.6 x + 8.9

Co 230.786 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		12.2858	0.000000	0.000213	-	-
Standard 2		45.0259	0.005000	0.005184	0.000184	3.7
Standard 3		142.986	0.020000	0.020055	0.000055	0.3
Standard 4		667.532	0.100000	0.099685	-0.000315	-0.3
Standard 5		3304.98	0.500000	0.500070	0.000070	0.0
Standard 6		13190.6	2.00000	2.00078	0.000781	0.0

Curve Type: Linear Equation: y = 6587.3 x + 10.9

Co 238.892 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.06000	0.000000	-0.000032	-	-
Standard 2		35.8167	0.005000	0.004884	-0.000116	-2.3
Standard 3		127.187	0.020000	0.019980	-0.000020	-0.1
Standard 4		612.701	0.100000	0.100196	0.000196	0.2
Standard 5		3035.79	0.500000	0.500533	0.000533	0.1
Standard 6		12103.7	2.00000	1.99871	-0.001293	-0.1

Curve Type: Linear Equation: y = 6052.6 x + 6.3

Cr 205.560 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.32080	0.000000	0.000450	-	-
Standard 1		9.11591	0.001000	0.001322	0.000322	32.2
Standard 2		24.6353	0.005000	0.004886	-0.000114	-2.3
Standard 3		90.5152	0.020000	0.020016	0.000016	0.1
Standard 4		435.151	0.100000	0.099164	-0.000836	-0.8
Standard 5		2196.75	0.500000	0.503730	0.003730	0.7
Standard 6		8778.18	2.00000	2.01521	0.015210	0.8

Curve Type: Linear Equation: y = 4354.3 x + 3.4

Cr 206.158 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.91773	0.000000	0.000891	-	-
Standard 1		4.40565	0.001000	0.001164	0.000164	16.4
Standard 2		10.7945	0.005000	0.004735	-0.000265	-5.3
Standard 3		37.6159	0.020000	0.019727	-0.000273	-1.4
Standard 4		178.371	0.100000	0.098404	-0.001596	-1.6
Standard 5		895.912	0.500000	0.499484	-0.000516	-0.1
Standard 6		3584.63	2.00000	2.00238	0.002381	0.1

Curve Type: Linear Equation: y = 1789.0 x + 2.3

Cr 267.716 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		27.7930	0.000000	0.000010	-	-
Standard 1		47.9176	0.001000	0.000924	-0.000076	-7.6
Standard 2		132.893	0.005000	0.004782	-0.000218	-4.4
Standard 3		472.694	0.020000	0.020211	0.000211	1.1
Standard 4		2230.96	0.100000	0.100046	0.000046	0.0
Standard 5		10946.8	0.500000	0.495794	-0.004206	-0.8
Standard 6		44063.4	2.00000	1.99947	-0.000526	0.0

Curve Type: Linear Equation: y = 22023.7 x + 27.6

Cu 213.598 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.68779	0.000000	0.000820	-	-
Standard 1		5.27924	0.001000	0.000954	-0.000046	-4.6
Standard 2		22.8792	0.005000	0.004922	-0.000078	-1.6
Standard 3		83.9683	0.020000	0.018694	-0.001306	-6.5
Standard 4		440.810	0.100000	0.099143	-0.000857	-0.9
Standard 5		2260.79	0.500000	0.509455	0.009455	1.9
Standard 6		8935.36	2.00000	2.01423	0.014226	0.7

Curve Type: Linear Equation: y = 4435.6 x + 1.0

Cu 324.754 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		604.362	0.000000	0.000372	-	-
Standard 1		625.431	0.001000	0.000989	-0.000011	-1.1
Standard 2		762.426	0.005000	0.005002	0.000002	0.0
Standard 3		1268.60	0.020000	0.019830	-0.000170	-0.8
Standard 4		3969.05	0.100000	0.098936	-0.001064	-1.1
Standard 5		17664.9	0.500000	0.500134	0.000134	0.0
Standard 6		69428.4	2.00000	2.01647	0.016468	0.8

Curve Type: Linear Equation: y = 34137.3 x + 591.7

Cu 327.395 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		38.9623	0.000000	-0.000035	-	-
Standard 1		83.2077	0.001000	0.000993	-0.000007	-0.7
Standard 2		256.073	0.005000	0.005007	0.000007	0.1
Standard 3		901.739	0.020000	0.020001	0.000001	0.0
Standard 4		4340.42	0.100000	0.099857	-0.000143	-0.1
Standard 5		21660.3	0.500000	0.502072	0.002072	0.4
Standard 6		86171.5	2.00000	2.00020	0.000201	0.0

Curve Type: Linear Equation: y = 43061.2 x + 40.5

Fe 234.350 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		11.7538	0.000000	-0.000159	-	-
Standard 2		69.0523	0.005000	0.006239	0.001239	24.8
Standard 3		184.639	0.020000	0.019144	-0.000856	-4.3
Standard 4		918.441	0.100000	0.101075	0.001075	1.1
Standard 5		4460.79	0.500000	0.496588	-0.003412	-0.7
Standard 6		17761.3	2.00000	1.98163	-0.018372	-0.9

Curve Type: Linear Equation: y = 8956.4 x + 13.2

Fe 238.204 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999994**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		23.7047	0.000000	-0.000167	-	-
Standard 2		167.583	0.005000	0.007299	0.002299	46.0
Standard 3		404.715	0.020000	0.019605	-0.000395	-2.0
Standard 4		1968.18	0.100000	0.100741	0.000741	0.7
Standard 5		9477.16	0.500000	0.490416	-0.009584	-1.9
Standard 6		38274.7	2.00000	1.98485	-0.015150	-0.8

Curve Type: Linear Equation: y = 19269.8 x + 26.9

Fe 259.940 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999987**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		44.0234	0.000000	-0.000082	-	-
Standard 2		151.349	0.005000	0.006889	0.001889	37.8
Standard 3		351.605	0.020000	0.019896	-0.000104	-0.5
Standard 4		1594.97	0.100000	0.100652	0.000652	0.7
Standard 5		7582.99	0.500000	0.489572	-0.010428	-2.1
Standard 6		30753.8	2.00000	1.99451	-0.005490	-0.3

Curve Type: Linear Equation: y = 15396.5 x + 45.3

Ga 287.423 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		15.9341	0.000000	0.001731	-	-
Standard 2		21.6939	0.005000	0.004148	-0.000852	-17.0
Standard 3		55.1985	0.020000	0.018206	-0.001794	-9.0
Standard 4		252.223	0.100000	0.100871	0.000871	0.9
Standard 5		1203.27	0.500000	0.499902	-0.000098	0.0
Standard 6		4793.56	2.00000	2.00629	0.006288	0.3

Curve Type: Linear Equation: y = 2383.4 x + 11.8

Ga 294.363 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999988**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		30.1077	0.000000	0.003664	-	-
Standard 2		43.2029	0.005000	0.005712	0.000712	14.2
Standard 3		128.435	0.020000	0.019046	-0.000954	-4.8
Standard 4		637.759	0.100000	0.098725	-0.001275	-1.3
Standard 5		3199.38	0.500000	0.499467	-0.000533	-0.1
Standard 6		12983.3	2.00000	2.03007	0.030065	1.5

Curve Type: Linear Equation: y = 6392.2 x + 6.7

Ga 417.204 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		101.254	0.000000	0.000074	-	-
Standard 2		149.695	0.005000	0.005092	0.000092	1.8
Standard 3		293.273	0.020000	0.019965	-0.000035	-0.2
Standard 4		1039.29	0.100000	0.097240	-0.002760	-2.8
Standard 5		4978.92	0.500000	0.505326	0.005326	1.1
Standard 6		19715.8	2.00000	2.03184	0.031837	1.6

Curve Type: Linear Equation: y = 9653.9 x + 100.5

K 766.491 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999894**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2426.99	0.000000	0.000490	-	-
Standard 1		3188.98	0.010000	0.010001	0.000001	0.0
Standard 2		6338.67	0.050000	0.049313	-0.000687	-1.4
Standard 3		18541.1	0.200000	0.201615	0.001615	0.8
Standard 4		82869.7	1.00000	1.00452	0.004516	0.5
Standard 5		415598	5.00000	5.15739	0.157386	3.1
Standard 6		1564683	20.0000	19.4994	-0.500597	-2.5

Curve Type: Linear Equation: y = 80120.2 x + 2387.7

K 769.897 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13786.5	0.000000	0.004217	-	-
Standard 1		14289.5	0.010000	0.012530	0.002530	25.3
Standard 2		16531.5	0.050000	0.049576	-0.000424	-0.8
Standard 3		25493.4	0.200000	0.197665	-0.002335	-1.2
Standard 4		73545.1	1.00000	0.991686	-0.008314	-0.8
Standard 5		324723	5.00000	5.14222	0.142225	2.8
Standard 6		1256366	20.0000	20.5369	0.536943	2.7

Curve Type: Linear Equation: y = 60517.0 x + 13531.3

Li 610.365 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999837**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		31.8776	0.000000	0.011933	-	-
Standard 2		-19.3481	0.010000	0.010934	0.000934	9.3
Standard 3		562.370	0.040000	0.022274	-0.017726	-44.3
Standard 4		7890.35	0.200000	0.165123	-0.034877	-17.4
Standard 5		50862.8	1.00000	1.00282	0.002816	0.3
Standard 6		218693	4.00000	4.27445	0.274450	6.9

Curve Type: Linear Equation: y = 51298.6 x + -580.2

Li 670.783 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999703

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		76239.0	0.000000	-0.000199	-	-
Standard 2		112769	0.010000	0.009868	-0.000132	-1.3
Standard 3		233606	0.040000	0.043168	0.003168	7.9
Standard 4		825871	0.200000	0.206384	0.006384	3.2
Standard 5		3825704	1.00000	1.03308	0.033077	3.3
Standard 6		13739882	4.00000	3.76522	-0.234779	-5.9

Curve Type: Linear Equation: y = 3628717.0 x + 76959.9

Mg 279.078 Calibration (mg/L) 4/7/2011, 3:33:25 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.8081	0.000000	0.002888	-	-
Standard 1		33.3615	0.010000	0.012147	0.002147	21.5
Standard 2		104.663	0.050000	0.052032	0.002032	4.1
Standard 3		371.677	0.200000	0.201394	0.001394	0.7
Standard 4		1791.61	1.00000	0.995680	-0.004320	-0.4
Standard 5		8884.15	5.00000	4.96311	-0.036891	-0.7
Standard 6		35890.8	20.0000	20.0701	0.070103	0.4
Standard 7		179454	100.000	100.377	0.376503	0.4

Curve Type: Linear Equation: y = 1787.7 x + 11.6

Mg 280.270 Calibration (mg/L) 4/7/2011, 3:33:25 PM Correlation Coefficient: 0.998132

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		324.660	0.000000	-0.000144	-	-
Standard 1		1433.94	0.010000	0.011385	0.001385	13.9
Standard 2		5745.50	0.050000	0.056197	0.006197	12.4
Standard 3		22069.4	0.200000	0.225857	0.025857	12.9
Standard 4		106596	1.00000	1.10438	0.104376	10.4
Standard 5		539490	5.00000	5.60360	0.603600	12.1
Standard 6		2037181	20.0000	21.1697	1.16967	5.8
Standard 7		7816685	100.000	81.2382	-18.7618	-18.8

Curve Type: Linear Equation: y = 96215.1 x + 338.5

Mg 285.213 Calibration (mg/L) 4/7/2011, 3:33:25 PM Correlation Coefficient: 0.999835

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		82.7060	0.000000	0.000111	-	-
Standard 1		456.885	0.010000	0.010204	0.000204	2.0
Standard 2		1867.69	0.050000	0.048260	-0.001740	-3.5
Standard 3		7256.97	0.200000	0.193635	-0.006365	-3.2
Standard 4		36467.4	1.00000	0.981584	-0.018416	-1.8
Standard 5		187469	5.00000	5.05484	0.054838	1.1
Standard 6		757140	20.0000	20.4216	0.421623	2.1
Standard 7		3471799	100.000	93.6492	-6.35079	-6.4

Curve Type: Linear Equation: y = 37071.5 x + 78.6

Mn 257.610 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.78347	0.000000	0.000000	-	-
Standard 2		758.862	0.005000	0.004950	-0.000050	-1.0
Standard 3		3071.21	0.020000	0.020129	0.000129	0.6
Standard 4		15317.4	0.100000	0.100515	0.000515	0.5
Standard 5		75566.2	0.500000	0.496001	-0.003999	-0.8
Standard 6		304815	2.00000	2.00084	0.000840	0.0

Curve Type: Linear Equation: y = 152341.2 x + 4.8

Mn 259.372 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		56.7441	0.000000	-0.000010	-	-
Standard 2		629.136	0.005000	0.005055	0.000055	1.1
Standard 3		2330.32	0.020000	0.020110	0.000110	0.6
Standard 4		11367.4	0.100000	0.100088	0.000088	0.1
Standard 5		55917.4	0.500000	0.494350	-0.005650	-1.1
Standard 6		225851	2.00000	1.99824	-0.001757	-0.1

Curve Type: Linear Equation: y = 112995.8 x + 57.9

Mn 260.568 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.40883	0.000000	0.000058	-	-
Standard 2		103.276	0.005000	0.004973	-0.000027	-0.5
Standard 3		407.832	0.020000	0.020429	0.000429	2.1
Standard 4		2023.87	0.100000	0.102439	0.002439	2.4
Standard 5		10037.6	0.500000	0.509119	0.009119	1.8
Standard 6		40209.4	2.00000	2.04027	0.040267	2.0

Curve Type: Linear Equation: y = 19705.3 x + 5.3

Mo 202.032 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999935

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		52.4066	0.000000	0.003641	-	-
Standard 2		74.7868	0.010000	0.009801	-0.000199	-2.0
Standard 3		178.523	0.040000	0.038352	-0.001648	-4.1
Standard 4		736.436	0.200000	0.191902	-0.008098	-4.0
Standard 5		3712.99	1.00000	1.01112	0.011121	1.1
Standard 6		15410.1	4.00000	4.23043	0.230432	5.8

Curve Type: Linear Equation: y = 3633.4 x + 39.2

Mo 203.846 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999900

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.8388	0.000000	0.004266	-	-
Standard 2		25.9150	0.010000	0.009680	-0.000320	-3.2
Standard 3		70.6304	0.040000	0.039659	-0.000341	-0.9
Standard 4		295.705	0.200000	0.190555	-0.009445	-4.7
Standard 5		1505.30	1.00000	1.00150	0.001498	0.1
Standard 6		6331.75	4.00000	4.23728	0.237283	5.9

Curve Type: Linear Equation: y = 1491.6 x + 11.5

Mo 204.598 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999919

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.8812	0.000000	0.003515	-	-
Standard 2		27.2102	0.010000	0.010556	0.000556	5.6
Standard 3		74.5510	0.040000	0.037592	-0.002408	-6.0
Standard 4		343.785	0.200000	0.191353	-0.008647	-4.3
Standard 5		1775.83	1.00000	1.00920	0.009203	0.9
Standard 6		7443.69	4.00000	4.24614	0.246144	6.2

Curve Type: Linear Equation: y = 1751.0 x + 8.7

Na 568.821 Calibration (mg/L) 4/7/2011, 3:33:25 PM Correlation Coefficient: 0.999945

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		248.674	0.000000	0.478648	-	-
Standard 4		456.345	1.00000	1.20984	0.209842	21.0
Standard 5		1492.92	5.00000	4.85954	-0.140464	-2.8
Standard 6		5596.74	20.0000	19.3088	-0.691187	-3.5
Standard 7		28555.0	100.000	100.143	0.143166	0.1

Curve Type: Linear Equation: y = 284.0 x + 112.7

Na 588.995 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999680

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		226847	0.000000	-0.176274	-	-
Standard 4		904616	1.00000	0.912834	-0.087166	-8.7
Standard 5		3663100	5.00000	5.34544	0.345442	6.9
Standard 6		12731836	20.0000	19.9180	-0.082003	-0.4

Curve Type: Linear Equation: y = 622316.1 x + 336545.1

Na 589.592 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999963

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		77669.9	0.000000	-0.042174	-	-
Standard 4		421367	1.00000	0.950242	-0.049758	-5.0
Standard 5		1865198	5.00000	5.11926	0.119259	2.4
Standard 6		7009290	20.0000	19.9727	-0.027327	-0.1

Curve Type: Linear Equation: y = 346323.9 x + 92275.9

Ni 216.555 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.11723	0.000000	0.000404	-	-
Standard 2		62.1155	0.010000	0.009680	-0.000320	-3.2
Standard 3		238.700	0.040000	0.040016	0.000016	0.0
Standard 4		1164.43	0.200000	0.199048	-0.000952	-0.5
Standard 5		5839.50	1.00000	1.00218	0.002180	0.2
Standard 6		23314.4	4.00000	4.00420	0.004199	0.1

Curve Type: Linear Equation: y = 5821.0 x + 5.8

Ni 221.648 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.52696	0.000000	0.001318	-	-
Standard 2		26.2320	0.010000	0.010315	0.000315	3.2
Standard 3		93.9106	0.040000	0.039724	-0.000276	-0.7
Standard 4		464.785	0.200000	0.200884	0.000884	0.4
Standard 5		2318.03	1.00000	1.00619	0.006191	0.6
Standard 6		9204.47	4.00000	3.99862	-0.001376	0.0

Curve Type: Linear Equation: y = 2301.3 x + 2.5

Ni 231.604 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.17069	0.000000	-0.000348	-	-
Standard 2		48.6108	0.010000	0.010402	0.000402	4.0
Standard 3		160.040	0.040000	0.040024	0.000024	0.1
Standard 4		760.616	0.200000	0.199680	-0.000320	-0.2
Standard 5		3767.89	1.00000	0.999123	-0.000877	-0.1
Standard 6		15060.5	4.00000	4.00112	0.001124	0.0

Curve Type: Linear Equation: y = 3761.7 x + 9.5

P 177.434 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999992

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.89045	0.000000	-0.001035	-	-
Standard 3		5.21208	0.020000	0.018422	-0.001578	-7.9
Standard 4		19.3896	0.100000	0.101467	0.001467	1.5
Standard 5		86.3469	0.500000	0.493672	-0.006328	-1.3
Standard 6		344.362	2.00000	2.00501	0.005005	0.3

Curve Type: Linear Equation: y = 170.7 x + 2.1

P 213.618 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999988**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.57623	0.000000	0.001654	-	-
Standard 3		13.6029	0.020000	0.015650	-0.004350	-21.8
Standard 4		68.9482	0.100000	0.092904	-0.007096	-7.1
Standard 5		364.484	0.500000	0.505432	0.005432	1.1
Standard 6		1468.19	2.00000	2.04605	0.046048	2.3

Curve Type: Linear Equation: y = 716.4 x + 2.4

P 214.914 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999948**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.842982	0.000000	-0.000716	-	-
Standard 3		5.75162	0.020000	0.022095	0.002095	10.5
Standard 4		22.3637	0.100000	0.099293	-0.000707	-0.7
Standard 5		110.867	0.500000	0.510577	0.010577	2.1
Standard 6		423.645	2.00000	1.96409	-0.035913	-1.8

Curve Type: Linear Equation: y = 215.2 x + 1.0

Pb 220.353 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.56430	0.000000	0.001476	-	-
Standard 2		20.0625	0.010000	0.010769	0.000769	7.7
Standard 3		58.6091	0.040000	0.039428	-0.000572	-1.4
Standard 4		272.654	0.200000	0.198569	-0.001431	-0.7
Standard 5		1342.71	1.00000	0.994149	-0.005851	-0.6
Standard 6		5386.19	4.00000	4.00046	0.000463	0.0

Curve Type: Linear Equation: y = 1345.0 x + 5.6

Pb 261.417 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		21.9149	0.000000	0.000177	-	-
Standard 2		26.8309	0.010000	0.009111	-0.000889	-8.9
Standard 3		45.1636	0.040000	0.042427	0.002427	6.1
Standard 4		127.717	0.200000	0.192451	-0.007549	-3.8
Standard 5		572.267	1.00000	1.00033	0.000331	0.0
Standard 6		2222.90	4.00000	4.00003	0.000028	0.0

Curve Type: Linear Equation: y = 550.3 x + 21.8

Pb 405.781 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		41.4980	0.000000	0.000328	-	-
Standard 2		57.0862	0.010000	0.011204	0.001204	12.0
Standard 3		101.456	0.040000	0.042160	0.002160	5.4
Standard 4		322.432	0.200000	0.196337	-0.003663	-1.8
Standard 5		1470.02	1.00000	0.997019	-0.002981	-0.3
Standard 6		5795.53	4.00000	4.01496	0.014958	0.4

Curve Type: Linear Equation: y = 1433.3 x + 41.0

Sb 206.834 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.997894

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.6915	0.000000	0.007210	-	-
Standard 2		20.0077	0.010000	0.010682	0.000682	6.8
Standard 3		39.5216	0.040000	0.039938	-0.000062	-0.2
Standard 4		149.902	0.200000	0.205421	0.005421	2.7
Standard 5		553.451	1.00000	0.810423	-0.189577	-19.0
Standard 6		2903.08	4.00000	4.33301	0.333007	8.3

Curve Type: Linear Equation: y = 667.0 x + 12.9

Sb 231.146 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.998338

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		20.1625	0.000000	0.012627	-	-
Standard 2		13.5782	0.010000	-0.000518	-0.010518	-105.2
Standard 3		26.3815	0.040000	0.025043	-0.014957	-37.4
Standard 4		114.824	0.200000	0.201614	0.001614	0.8
Standard 5		437.324	1.00000	0.845465	-0.154535	-15.5
Standard 6		2207.63	4.00000	4.37976	0.379764	9.5

Maximum error exceeded.
Curve Type: Linear Equation: y = 500.9 x + 13.8

Sb 259.804 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.997734

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.3193	0.000000	0.012951	-	-
Standard 2		16.5821	0.010000	0.017822	0.007822	78.2
Standard 3		26.5268	0.040000	0.039232	-0.000768	-1.9
Standard 4		99.6294	0.200000	0.196611	-0.003389	-1.7
Standard 5		368.242	1.00000	0.774894	-0.225106	-22.5
Standard 6		1949.29	4.00000	4.17866	0.178660	4.5

Curve Type: Linear Equation: y = 464.5 x + 8.3

Se 196.026 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999893**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.05394	0.000000	0.002517	-	-
Standard 2		10.1797	0.010000	0.012098	0.002098	21.0
Standard 3		19.0854	0.040000	0.039396	-0.000604	-1.5
Standard 4		67.6638	0.200000	0.188300	-0.011700	-5.9
Standard 5		330.072	1.00000	0.992641	-0.007359	-0.7
Standard 6		1378.97	4.00000	4.20776	0.207756	5.2

Curve Type: Linear Equation: y = 326.2 x + 6.2

Se 203.985 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999893**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.69359	0.000000	0.005171	-	-
Standard 2		6.16686	0.010000	0.013416	0.003416	34.2
Standard 3		8.66336	0.040000	0.027389	-0.012611	-31.5
Standard 4		36.7265	0.200000	0.184455	-0.015545	-7.8
Standard 5		185.319	1.00000	1.01611	0.016110	1.6
Standard 6		772.123	4.00000	4.30039	0.300390	7.5

Curve Type: Linear Equation: y = 178.7 x + 3.8

Si 250.690 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999991**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24.3618	0.000000	-0.008836	-	-
Standard 2		61.1794	0.010000	0.018627	0.008627	86.3
Standard 3		95.0971	0.040000	0.043926	0.003926	9.8
Standard 4		310.666	0.200000	0.204722	0.004722	2.4
Standard 5		1375.86	1.00000	0.999266	-0.000734	-0.1
Standard 6		5348.38	4.00000	3.96242	-0.037579	-0.9

Curve Type: Linear Equation: y = 1340.6 x + 36.2

Si 251.611 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999990**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.2129	0.000000	-0.000591	-	-
Standard 2		52.6575	0.010000	0.021218	0.011218	112.2
Standard 3		99.5212	0.040000	0.050053	0.010053	25.1
Standard 4		350.771	0.200000	0.204645	0.004645	2.3
Standard 5		1568.23	1.00000	0.953737	-0.046263	-4.6
Standard 6		6122.33	4.00000	3.75584	-0.244155	-6.1

Maximum error exceeded.
Curve Type: Linear Equation: y = 1625.2 x + 18.2

Si 288.158 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999983**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		844.130	0.000000	-0.009506	-	-
Standard 2		1054.01	0.010000	0.018120	0.008120	81.2
Standard 3		1284.05	0.040000	0.048401	0.008401	21.0
Standard 4		2513.49	0.200000	0.210231	0.010231	5.1
Standard 5		8350.10	1.00000	0.978498	-0.021502	-2.2
Standard 6		30839.4	4.00000	3.93875	-0.061254	-1.5

Curve Type: Linear Equation: y = 7597.1 x + 916.3

Sn 189.927 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.51912	0.000000	0.002034	-	-
Standard 2		6.35675	0.010000	0.011352	0.001352	13.5
Standard 3		15.1762	0.040000	0.040313	0.000313	0.8
Standard 4		62.3040	0.200000	0.195067	-0.004933	-2.5
Standard 5		304.074	1.00000	0.988968	-0.011032	-1.1
Standard 6		1221.52	4.00000	4.00159	0.001592	0.0

Curve Type: Linear Equation: y = 304.5 x + 2.9

Sn 283.998 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		23.2939	0.000000	0.000807	-	-
Standard 2		28.6761	0.010000	0.004634	-0.005366	-53.7
Standard 3		79.4567	0.040000	0.040742	0.000742	1.9
Standard 4		310.539	0.200000	0.205057	0.005057	2.5
Standard 5		1507.33	1.00000	1.05605	0.056050	5.6
Standard 6		5959.00	4.00000	4.22147	0.221467	5.5

Curve Type: Linear Equation: y = 1406.3 x + 22.2

Sr 216.596 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22.2123	0.000000	-0.000058	-	-
Standard 2		69.3468	0.005000	0.004720	-0.000280	-5.6
Standard 3		222.369	0.020000	0.020231	0.000231	1.2
Standard 4		1009.10	0.100000	0.099982	-0.000018	0.0
Standard 5		4966.92	0.500000	0.501183	0.001183	0.2
Standard 6		19766.0	2.00000	2.00136	0.001359	0.1

Curve Type: Linear Equation: y = 9864.9 x + 22.8

Sr 407.771 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5384.62	0.000000	-0.000000	-	-
Standard 2		17742.1	0.005000	0.005053	0.000053	1.1
Standard 3		55067.0	0.020000	0.020317	0.000317	1.6
Standard 4		249976	0.100000	0.100023	0.000023	0.0
Standard 5		1191195	0.500000	0.484927	-0.015073	-3.0
Standard 6		4796508	2.00000	1.95929	-0.040712	-2.0

Curve Type: Linear Equation: y = 2445337.8 x + 5385.2

Sr 421.552 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3081.98	0.000000	-0.000005	-	-
Standard 2		10653.5	0.005000	0.005059	0.000059	1.2
Standard 3		33905.9	0.020000	0.020613	0.000613	3.1
Standard 4		154720	0.100000	0.101427	0.001427	1.4
Standard 5		740451	0.500000	0.493229	-0.006771	-1.4
Standard 6		2974602	2.00000	1.98768	-0.012325	-0.6

Curve Type: Linear Equation: y = 1494968.8 x + 3089.8

Ti 334.941 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999987**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		189.628	0.000000	0.000062	-	-
Standard 2		1131.48	0.005000	0.004806	-0.000194	-3.9
Standard 3		4148.33	0.020000	0.020000	-0.000000	0.0
Standard 4		20192.6	0.100000	0.100804	0.000804	0.8
Standard 5		97772.0	0.500000	0.491521	-0.008479	-1.7
Standard 6		398426	2.00000	2.00572	0.005721	0.3

Curve Type: Linear Equation: y = 198556.5 x + 177.3

Ti 336.122 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		62.5373	0.000000	0.000127	-	-
Standard 2		474.624	0.005000	0.004975	-0.000025	-0.5
Standard 3		1734.03	0.020000	0.019794	-0.000206	-1.0
Standard 4		8587.82	0.100000	0.100439	0.000439	0.4
Standard 5		42098.3	0.500000	0.494738	-0.005262	-1.1
Standard 6		169877	2.00000	1.99824	-0.001764	-0.1

Curve Type: Linear Equation: y = 84987.5 x + 51.8

Ti 337.280 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		34.9696	0.000000	0.001733	-	-
Standard 2		142.370	0.005000	0.005294	0.000294	5.9
Standard 3		595.557	0.020000	0.020318	0.000318	1.6
Standard 4		2974.62	0.100000	0.099190	-0.000810	-0.8
Standard 5		14985.3	0.500000	0.497373	-0.002627	-0.5
Standard 6		60551.2	2.00000	2.00800	0.007998	0.4

Curve Type: Linear Equation: y = 30163.6 x + -17.3

Tl 190.794 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999991

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.33508	0.000000	0.002011	-	-
Standard 3		9.31385	0.020000	0.020513	0.000513	2.6
Standard 4		36.6007	0.100000	0.092857	-0.007143	-7.1
Standard 5		189.527	0.500000	0.498299	-0.001701	-0.3
Standard 6		757.584	2.00000	2.00435	0.004348	0.2

Curve Type: Linear Equation: y = 377.2 x + 1.6

Tl 190.807 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999977

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.95655	0.000000	0.008594	-	-
Standard 3		4.33634	0.020000	0.020507	0.000507	2.5
Standard 4		19.2439	0.100000	0.095133	-0.004867	-4.9
Standard 5		100.755	0.500000	0.503173	0.003173	0.6
Standard 6		406.268	2.00000	2.03254	0.032545	1.6

Curve Type: Linear Equation: y = 199.8 x + 0.2

Tl 351.923 Calibration (mg/L) 4/7/2011, 3:29:11 PM Correlation Coefficient: 0.999982

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.6280	0.000000	-0.005086	-	-
Standard 3		56.2127	0.020000	0.026442	0.006442	32.2
Standard 4		157.272	0.100000	0.101264	0.001264	1.3
Standard 5		694.661	0.500000	0.499134	-0.000866	-0.2
Standard 6		2756.45	2.00000	2.02563	0.025630	1.3

Curve Type: Linear Equation: y = 1350.7 x + 20.5

V 268.796 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		31.8417	0.000000	0.000009	-	-
Standard 2		70.6343	0.005000	0.004545	-0.000455	-9.1
Standard 3		203.800	0.020000	0.020115	0.000115	0.6
Standard 4		886.473	0.100000	0.099934	-0.000066	-0.1
Standard 5		4352.29	0.500000	0.505164	0.005164	1.0
Standard 6		17234.9	2.00000	2.01142	0.011421	0.6

Curve Type: Linear Equation: y = 8552.7 x + 31.8

V 292.401 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		34.2199	0.000000	0.000062	-	-
Standard 2		194.943	0.005000	0.004827	-0.000173	-3.5
Standard 3		708.417	0.020000	0.020051	0.000051	0.3
Standard 4		3385.40	0.100000	0.099420	-0.000580	-0.6
Standard 5		16756.5	0.500000	0.495858	-0.004142	-0.8
Standard 6		67534.2	2.00000	2.00136	0.001360	0.1

Curve Type: Linear Equation: y = 33728.1 x + 32.1

V 311.837 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		15.5321	0.000000	0.000456	-	-
Standard 2		212.896	0.005000	0.004816	-0.000184	-3.7
Standard 3		849.959	0.020000	0.018888	-0.001112	-5.6
Standard 4		4452.05	0.100000	0.098455	-0.001545	-1.5
Standard 5		22968.4	0.500000	0.507463	0.007463	1.5
Standard 6		91291.6	2.00000	2.01666	0.016658	0.8

Curve Type: Linear Equation: y = 45271.3 x + -5.1

Zn 202.548 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		796.388	0.000000	0.000078	-	-
Standard 2		835.806	0.005000	0.003679	-0.001321	-26.4
Standard 3		989.448	0.020000	0.017715	-0.002285	-11.4
Standard 4		1879.88	0.100000	0.099058	-0.000942	-0.9
Standard 5		6304.67	0.500000	0.503276	0.003276	0.7
Standard 6		22796.8	2.00000	2.00989	0.009887	0.5

Curve Type: Linear Equation: y = 10946.5 x + 795.5

Zn 206.200 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		250.505	0.000000	0.000093	-	-
Standard 2		268.355	0.005000	0.005209	0.000209	4.2
Standard 3		315.971	0.020000	0.018857	-0.001143	-5.7
Standard 4		596.105	0.100000	0.099149	-0.000851	-0.9
Standard 5		2001.52	0.500000	0.501968	0.001968	0.4
Standard 6		7247.00	2.00000	2.00543	0.005426	0.3

Curve Type: Linear Equation: y = 3488.9 x + 250.2

Zn 213.857 Calibration (mg/L) **4/7/2011, 3:29:11 PM** **Correlation Coefficient: 0.999980**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1307.01	0.000000	0.000031	-	-
Standard 2		1366.75	0.005000	0.003335	-0.001665	-33.3
Standard 3		1623.40	0.020000	0.017531	-0.002469	-12.3
Standard 4		3105.54	0.100000	0.099514	-0.000486	-0.5
Standard 5		10261.4	0.500000	0.495329	-0.004671	-0.9
Standard 6		38096.5	2.00000	2.03499	0.034986	1.7

Curve Type: Linear Equation: y = 18078.8 x + 1306.5

SEQ-ICV1 (Samp) **4/7/2011, 3:40:00 PM** **Rack 1, Tube 1**

M_200.7_T_WW **ICV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.506296	mg/L	0.001251	0.2	25333.8	0.506296 mg/L	Y 371.029
Ag 338.289	0.517359	mg/L	0.002014	0.4	1513.67	0.517359 mg/L	Y 371.029
Al 237.312	4.98655	mg/L	0.029625	0.6	6728.09	4.98655 mg/L	Y 371.029
Al 257.509	4.98004	mg/L	0.011138	0.2	3097.68	4.98004 mg/L	Y 371.029
Al 308.215	5.11287	mg/L	0.016055	0.3	31863.7	5.11287 mg/L	Y 371.029
As 188.980	1.01262	mg/L	0.003877	0.4	409.920	1.01262 mg/L	Y 371.029
As 193.696	0.996483	mg/L	0.010430	1.0	458.124	0.996483 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.013292	0.6	2316.55	uncal mg/L	Y 371.029
B 182.577	1.03816	mg/L	0.005720	0.6	554.252	1.03816 mg/L	Y 371.029
B 249.678	1.02747	mg/L	0.006534	0.6	9016.84	1.02747 mg/L	Y 371.029
B 249.772	1.03253	mg/L	0.003912	0.4	19315.5	1.03253 mg/L	Y 371.029
Ba 233.527	1.00136	mg/L	0.003232	0.3	40671.3	1.00136 mg/L	Y 371.029
Ba 455.403	0.989281	mg/L	0.000323	0.0	880929	0.989281 mg/L	Y 371.029
Ba 493.408	0.998625	mg/L	0.003243	0.3	522298	0.998625 mg/L	Y 371.029
Be 234.861	1.00218	mg/L	0.003330	0.3	115852	1.00218 mg/L	Y 371.029
Be 313.042	0.996618	mg/L	0.005722	0.6	1669477	0.996618 mg/L	Y 371.029
Be 313.107	1.00303	mg/L	0.005347	0.5	798782	1.00303 mg/L	Y 371.029
Ca 393.366	9.06727n	mg/L	0.003739	0.0	11728429	9.06727 mg/L	Y 371.029
Ca 396.847	9.04745	mg/L	0.010027	0.1	17205694	9.04745 mg/L	Y 371.029
Ca 430.253	9.79651	mg/L	0.058523	0.6	47333.3	9.79651 mg/L	Y 371.029
Cd 214.439	1.01501	mg/L	0.013303	1.3	22966.2	1.01501 mg/L	Y 371.029
Cd 226.502	0.993452	mg/L	0.002397	0.2	39912.1	0.993452 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 228.802	0.984593	mg/L	0.004273	0.4	15297.0	0.984593 mg/L	Y 371.029
Co 228.615	0.990964	mg/L	0.004252	0.4	9802.71	0.990964 mg/L	Y 371.029
Co 230.786	1.00235	mg/L	0.001629	0.2	6609.43	1.00235 mg/L	Y 371.029
Co 238.892	0.978391	mg/L	0.002049	0.2	5906.57	0.978391 mg/L	Y 371.029
Cr 205.560	0.998355	mg/L	0.006803	0.7	4364.43	0.998355 mg/L	Y 371.029
Cr 206.158	1.01100	mg/L	0.002593	0.3	1817.69	1.01100 mg/L	Y 371.029
Cr 267.716	1.00030	mg/L	0.002592	0.3	22122.9	1.00030 mg/L	Y 371.029
Cu 213.598	1.01063	mg/L	0.008216	0.8	4511.43	1.01063 mg/L	Y 371.029
Cu 324.754	0.996057	mg/L	0.003001	0.3	34525.8	0.996057 mg/L	Y 371.029
Cu 327.395	1.01680	mg/L	0.002915	0.3	43890.7	1.01680 mg/L	Y 371.029
Fe 234.350	5.11898	mg/L	0.020933	0.4	46318.5	5.11898 mg/L	Y 371.029
Fe 238.204	5.08234	mg/L	0.037148	0.7	98717.4	5.08234 mg/L	Y 371.029
Fe 259.940	5.14083	mg/L	0.012841	0.2	79719.5	5.14083 mg/L	Y 371.029
Ga 287.423	0.990699	mg/L	0.005274	0.5	2514.05	0.990699 mg/L	Y 371.029
Ga 294.363	1.00263	mg/L	0.002634	0.3	6445.33	1.00263 mg/L	Y 371.029
Ga 417.204	0.985969	mg/L	0.005228	0.5	10222.8	0.985969 mg/L	Y 371.029
K 766.491	10.0294	mg/L	0.050879	0.5	806386	10.0294 mg/L	Y 371.029
K 769.897	10.1919	mg/L	0.044588	0.4	630904	10.1919 mg/L	Y 371.029
Li 610.365	1.00112	mg/L	0.004036	0.4	50775.9	1.00112 mg/L	Y 371.029
Li 670.783	1.04149	mg/L	0.004727	0.5	3860699	1.04149 mg/L	Y 371.029
Mg 279.078	9.97301	mg/L	0.029072	0.3	17840.3	9.97301 mg/L	Y 371.029
Mg 280.270	10.7992	mg/L	0.108630	1.0	1039645	10.7992 mg/L	Y 371.029
Mg 285.213	10.3410	mg/L	0.008652	0.1	383493	10.3410 mg/L	Y 371.029
Mn 257.610	0.987105	mg/L	0.006183	0.6	152446	0.987105 mg/L	Y 371.029
Mn 259.372	0.987788	mg/L	0.007083	0.7	113703	0.987788 mg/L	Y 371.029
Mn 260.568	1.02487	mg/L	0.004337	0.4	20330.6	1.02487 mg/L	Y 371.029
Mo 202.032	1.04953	mg/L	0.018207	1.7	3881.07	1.04953 mg/L	Y 371.029
Mo 203.846	1.03751	mg/L	0.016940	1.6	1571.47	1.03751 mg/L	Y 371.029
Mo 204.598	1.04718	mg/L	0.019612	1.9	1857.21	1.04718 mg/L	Y 371.029
Na 568.821	9.61097	mg/L	0.076868	0.8	2879.46	9.61097 mg/L	Y 371.029
Na 588.995	10.3701	mg/L	0.080944	0.8	6798733	10.3701 mg/L	Y 371.029
Na 589.592	10.3995	mg/L	0.198296	1.9	3700234	10.3995 mg/L	Y 371.029
Ni 216.555	1.00441	mg/L	0.002467	0.2	5884.16	1.00441 mg/L	Y 371.029
Ni 221.648	1.00557	mg/L	0.003111	0.3	2328.43	1.00557 mg/L	Y 371.029
Ni 231.604	1.00126	mg/L	0.002456	0.2	3797.18	1.00126 mg/L	Y 371.029
P 177.434	0.986158	mg/L	0.004291	0.4	171.278	0.986158 mg/L	Y 371.029
P 213.618	1.01867	mg/L	0.000845	0.1	761.415	1.01867 mg/L	Y 371.029
P 214.914	0.987946	mg/L	0.029159	3.0	227.487	0.987946 mg/L	Y 371.029
Pb 220.353	0.997833	mg/L	0.004196	0.4	1348.43	0.997833 mg/L	Y 371.029
Pb 261.417	0.802998	mg/L	0.015324	1.9	461.686	0.802998 mg/L	Y 371.029
Pb 405.781	0.986811	mg/L	0.011577	1.2	1474.61	0.986811 mg/L	Y 371.029
Sb 206.834	0.817368	mg/L	0.013896	1.7	565.995	0.817368 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.008119	0.9	460.344	uncal mg/L	Y 371.029
Sb 259.804	0.593960	mg/L	0.017068	2.9	295.312	0.593960 mg/L	Y 371.029
Se 196.026	1.02000	mg/L	0.019218	1.9	339.803	1.02000 mg/L	Y 371.029
Se 203.985	1.08851	mg/L	0.037532	3.4	218.600	1.08851 mg/L	Y 371.029
Si 250.690	1.00145	mg/L	0.006529	0.7	1399.68	1.00145 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.003208	0.3	1594.69	uncal mg/L	Y 371.029
Si 288.158	0.984824	mg/L	0.009646	1.0	8432.05	0.984824 mg/L	Y 371.029
Sn 189.927	0.985842	mg/L	0.005997	0.6	303.356	0.985842 mg/L	Y 371.029
Sn 283.998	1.13856	mg/L	0.003366	0.3	2768.21	1.13856 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 216.596	1.04767	mg/L	0.008229	0.8	10375.1	1.04767 mg/L	Y 371.029
Sr 407.771	1.01857	mg/L	0.006613	0.6	2496920	1.01857 mg/L	Y 371.029
Sr 421.552	1.04335	mg/L	0.010411	1.0	1563395	1.04335 mg/L	Y 371.029
Ti 334.941	0.994556	mg/L	0.007111	0.7	197995	0.994556 mg/L	Y 371.029
Ti 336.122	0.989380	mg/L	0.006430	0.6	84268.3	0.989380 mg/L	Y 371.029
Ti 337.280	1.00271	mg/L	0.001540	0.2	30275.1	1.00271 mg/L	Y 371.029
Tl 190.794	1.01082	mg/L	0.010325	1.0	384.860	1.01082 mg/L	Y 371.029
Tl 190.807	1.02770	mg/L	0.017917	1.7	206.411	1.02770 mg/L	Y 371.029
Tl 351.923	1.01002	mg/L	0.000833	0.1	1385.97	1.01002 mg/L	Y 371.029
V 268.796	0.959848	mg/L	0.002569	0.3	9415.78	0.959848 mg/L	Y 371.029
V 292.401	1.00168	mg/L	0.004652	0.5	33906.3	1.00168 mg/L	Y 371.029
V 311.837	1.01181	mg/L	0.004144	0.4	45909.9	1.01181 mg/L	Y 371.029
Zn 202.548	1.01744	mg/L	0.007727	0.8	12125.9	1.01744 mg/L	Y 371.029
Zn 206.200	1.01062	mg/L	0.006528	0.6	3795.77	1.01062 mg/L	Y 371.029
Zn 213.857	1.02221	mg/L	0.013193	1.3	20053.5	1.02221 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22335	9809.77	133.350	1.4
Y 371.029	0.867393	143039	2047.849	1.4

SEQ-ICV2 (Samp) **4/7/2011, 3:47:09 PM** **Rack 1, Tube 2**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.511227	mg/L	0.001974	0.4	25573.4	0.511227 mg/L	Y 371.029
Ag 338.289	0.526112	mg/L	0.002127	0.4	1539.30	0.526112 mg/L	Y 371.029
Al 237.312	5.05987	mg/L	0.034357	0.7	6826.14	5.05987 mg/L	Y 371.029
Al 257.509	5.05010	mg/L	0.015735	0.3	3141.03	5.05010 mg/L	Y 371.029
Al 308.215	5.17331	mg/L	0.016102	0.3	32228.9	5.17331 mg/L	Y 371.029
As 188.980	1.01274	mg/L	0.011745	1.2	409.947	1.01274 mg/L	Y 371.029
As 193.696	0.998907	mg/L	0.008679	0.9	459.231	0.998907 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.036981	1.6	2266.67	uncal mg/L	Y 371.029
B 182.577	1.02058	mg/L	0.018358	1.8	544.978	1.02058 mg/L	Y 371.029
B 249.678	1.00764	mg/L	0.026207	2.6	8844.33	1.00764 mg/L	Y 371.029
B 249.772	1.01383	mg/L	0.024149	2.4	18969.9	1.01383 mg/L	Y 371.029
Ba 233.527	1.01286	mg/L	0.002090	0.2	41136.3	1.01286 mg/L	Y 371.029
Ba 455.403	1.00318	mg/L	0.002667	0.3	893246	1.00318 mg/L	Y 371.029
Ba 493.408	1.00971	mg/L	0.002057	0.2	528070	1.00971 mg/L	Y 371.029
Be 234.861	1.01477	mg/L	0.003837	0.4	117307	1.01477 mg/L	Y 371.029
Be 313.042	1.00967	mg/L	0.003594	0.4	1691314	1.00967 mg/L	Y 371.029
Be 313.107	1.01480	mg/L	0.003455	0.3	808150	1.01480 mg/L	Y 371.029
Ca 393.366	9.19617n	mg/L	0.021536	0.2	11894936	9.19617 mg/L	Y 371.029
Ca 396.847	9.15466	mg/L	0.023637	0.3	17409350	9.15466 mg/L	Y 371.029
Ca 430.253	9.92310	mg/L	0.042913	0.4	47928.3	9.92310 mg/L	Y 371.029
Cd 214.439	1.02797	mg/L	0.007377	0.7	23259.5	1.02797 mg/L	Y 371.029
Cd 226.502	1.00661	mg/L	0.003677	0.4	40440.6	1.00661 mg/L	Y 371.029
Cd 228.802	0.992900	mg/L	0.004970	0.5	15425.9	0.992900 mg/L	Y 371.029
Co 228.615	0.999495	mg/L	0.004596	0.5	9886.92	0.999495 mg/L	Y 371.029
Co 230.786	1.01814	mg/L	0.001020	0.1	6713.28	1.01814 mg/L	Y 371.029
Co 238.892	0.988105	mg/L	0.004204	0.4	5965.05	0.988105 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 205.560	1.00923	mg/L	0.007929	0.8	4411.99	1.00923 mg/L	Y 371.029
Cr 206.158	1.03061	mg/L	0.002763	0.3	1852.88	1.03061 mg/L	Y 371.029
Cr 267.716	1.01271	mg/L	0.002147	0.2	22397.2	1.01271 mg/L	Y 371.029
Cu 213.598	1.02287	mg/L	0.003952	0.4	4565.84	1.02287 mg/L	Y 371.029
Cu 324.754	1.01075	mg/L	0.003266	0.3	35026.2	1.01075 mg/L	Y 371.029
Cu 327.395	1.03084	mg/L	0.003601	0.3	44496.2	1.03084 mg/L	Y 371.029
Fe 234.350	5.19013	mg/L	0.013613	0.3	46962.8	5.19013 mg/L	Y 371.029
Fe 238.204	5.15206	mg/L	0.021326	0.4	100073	5.15206 mg/L	Y 371.029
Fe 259.940	5.18526	mg/L	0.123549	2.4	80411.7	5.18526 mg/L	Y 371.029
Ga 287.423	1.00753	mg/L	0.006120	0.6	2556.19	1.00753 mg/L	Y 371.029
Ga 294.363	1.02022	mg/L	0.003906	0.4	6558.25	1.02022 mg/L	Y 371.029
Ga 417.204	1.00431	mg/L	0.003192	0.3	10406.3	1.00431 mg/L	Y 371.029
K 766.491	10.0925	mg/L	0.058129	0.6	811448	10.0925 mg/L	Y 371.029
K 769.897	10.2765	mg/L	0.064530	0.6	636028	10.2765 mg/L	Y 371.029
Li 610.365	1.01575	mg/L	0.002713	0.3	51526.4	1.01575 mg/L	Y 371.029
Li 670.783	1.05271	mg/L	0.003555	0.3	3901476	1.05271 mg/L	Y 371.029
Mg 279.078	10.1302	mg/L	0.032224	0.3	18121.2	10.1302 mg/L	Y 371.029
Mg 280.270	10.8473	mg/L	0.094564	0.9	1044277	10.8473 mg/L	Y 371.029
Mg 285.213	10.4384	mg/L	0.082045	0.8	387104	10.4384 mg/L	Y 371.029
Mn 257.610	0.999381	mg/L	0.020148	2.0	154346	0.999381 mg/L	Y 371.029
Mn 259.372	0.998066	mg/L	0.020416	2.0	114880	0.998066 mg/L	Y 371.029
Mn 260.568	1.04173	mg/L	0.007839	0.8	20664.9	1.04173 mg/L	Y 371.029
Mo 202.032	1.03083	mg/L	0.016151	1.6	3813.66	1.03083 mg/L	Y 371.029
Mo 203.846	1.02966	mg/L	0.014595	1.4	1559.99	1.02966 mg/L	Y 371.029
Mo 204.598	1.02961	mg/L	0.018215	1.8	1826.71	1.02961 mg/L	Y 371.029
Na 568.821	9.80703	mg/L	0.025752	0.3	2935.60	9.80703 mg/L	Y 371.029
Na 588.995	10.4565	mg/L	0.066898	0.6	6852625	10.4565 mg/L	Y 371.029
Na 589.592	10.5832	mg/L	0.135068	1.3	3763963	10.5832 mg/L	Y 371.029
Ni 216.555	1.01645	mg/L	0.003458	0.3	5954.68	1.01645 mg/L	Y 371.029
Ni 221.648	1.02064	mg/L	0.003858	0.4	2363.28	1.02064 mg/L	Y 371.029
Ni 231.604	1.01841	mg/L	0.002165	0.2	3861.98	1.01841 mg/L	Y 371.029
P 177.434	1.00424	mg/L	0.008877	0.9	174.376	1.00424 mg/L	Y 371.029
P 213.618	1.02827	mg/L	0.005479	0.5	768.643	1.02827 mg/L	Y 371.029
P 214.914	1.02103	mg/L	0.007886	0.8	234.739	1.02103 mg/L	Y 371.029
Pb 220.353	1.01056	mg/L	0.003843	0.4	1365.57	1.01056 mg/L	Y 371.029
Pb 261.417	0.808203	mg/L	0.003731	0.5	464.513	0.808203 mg/L	Y 371.029
Pb 405.781	0.997316	mg/L	0.015186	1.5	1489.89	0.997316 mg/L	Y 371.029
Sb 206.834	0.820037	mg/L	0.025929	3.2	567.903	0.820037 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.015044	1.7	464.225	uncal mg/L	Y 371.029
Sb 259.804	0.606003	mg/L	0.037212	6.1	301.080	0.606003 mg/L	Y 371.029
Se 196.026	1.02889	mg/L	0.027170	2.6	342.714	1.02889 mg/L	Y 371.029
Se 203.985	1.09714	mg/L	0.037075	3.4	220.550	1.09714 mg/L	Y 371.029
Si 250.690	1.01251	mg/L	0.000800	0.1	1414.86	1.01251 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.007181	0.8	1613.69	uncal mg/L	Y 371.029
Si 288.158	0.986596	mg/L	0.003912	0.4	8446.03	0.986596 mg/L	Y 371.029
Sn 189.927	1.00004	mg/L	0.013008	1.3	307.683	1.00004 mg/L	Y 371.029
Sn 283.998	1.14991	mg/L	0.009338	0.8	2806.27	1.14991 mg/L	Y 371.029
Sr 216.596	1.05285	mg/L	0.005980	0.6	10426.4	1.05285 mg/L	Y 371.029
Sr 407.771	1.03256	mg/L	0.003454	0.3	2531138	1.03256 mg/L	Y 371.029
Sr 421.552	1.04442	mg/L	0.007509	0.7	1564999	1.04442 mg/L	Y 371.029
Ti 334.941	1.00498	mg/L	0.003834	0.4	200071	1.00498 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ti 336.122	0.998752	mg/L	0.004235	0.4	85066.9	0.998752 mg/L	Y 371.029
Ti 337.280	1.01319	mg/L	0.003358	0.3	30591.8	1.01319 mg/L	Y 371.029
Tl 190.794	1.02268	mg/L	0.009861	1.0	389.367	1.02268 mg/L	Y 371.029
Tl 190.807	1.03345	mg/L	0.016967	1.6	207.529	1.03345 mg/L	Y 371.029
Tl 351.923	1.01662	mg/L	0.002248	0.2	1394.91	1.01662 mg/L	Y 371.029
V 268.796	0.968540	mg/L	0.005440	0.6	9481.92	0.968540 mg/L	Y 371.029
V 292.401	1.01011	mg/L	0.005636	0.6	34191.7	1.01011 mg/L	Y 371.029
V 311.837	1.02743	mg/L	0.003324	0.3	46619.0	1.02743 mg/L	Y 371.029
Zn 202.548	1.02424	mg/L	0.007883	0.8	12202.9	1.02424 mg/L	Y 371.029
Zn 206.200	1.03461	mg/L	0.006836	0.7	3879.72	1.03461 mg/L	Y 371.029
Zn 213.857	1.03298	mg/L	0.007053	0.7	20252.0	1.03298 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22612	9832.01	103.630	1.1
Y 371.029	0.868594	143237	1568.702	1.1

SEQ-ICB1 (Samp) **4/7/2011, 3:51:21 PM** **Rack 1, Tube 3**

M_200.7_T_WW **ICB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000713	mg/L	0.000513	71.9	748.246	0.000713 mg/L	Y 371.029
Ag 338.289	0.000413	mg/L	0.000168	40.7	-3.35567	0.000413 mg/L	Y 371.029
Al 237.312	0.009600	mg/L	0.007622	79.4	72.2023	0.009600 mg/L	Y 371.029
Al 257.509	-0.003192uv	mg/L	0.004864	152.4	15.8568	-0.003192 mg/L	Y 371.029
Al 308.215	0.002338	mg/L	0.000350	15.0	918.740	0.002338 mg/L	Y 371.029
As 188.980	0.010581	mg/L	0.006927	65.5	10.9201	0.010581 mg/L	Y 371.029
As 193.696	0.011338	mg/L	0.007197	63.5	8.34542	0.011338 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.012036	151.6	11.6047	uncal mg/L	Y 371.029
B 182.577	0.018357	mg/L	0.004801	26.2	14.6140	0.018357 mg/L	Y 371.029
B 249.678	0.019060	mg/L	0.005216	27.4	199.107	0.019060 mg/L	Y 371.029
B 249.772	0.019534	mg/L	0.003141	16.1	430.779	0.019534 mg/L	Y 371.029
Ba 233.527	0.000116	mg/L	0.000078	67.1	197.721	0.000116 mg/L	Y 371.029
Ba 455.403	0.000064	mg/L	0.000015	22.7	4185.74	0.000064 mg/L	Y 371.029
Ba 493.408	-0.000063uv	mg/L	0.000017	26.8	2497.77	-0.000063 mg/L	Y 371.029
Be 234.861	0.000016uv	mg/L	0.000016	102.0	-0.349925	0.000016 mg/L	Y 371.029
Be 313.042	0.000011uv	mg/L	0.000018	156.2	1598.69	0.000011 mg/L	Y 371.029
Be 313.107	0.000021	mg/L	0.000005	21.6	100.656	0.000021 mg/L	Y 371.029
Ca 393.366	-0.000147nuv	mg/L	0.000035	23.5	16609.0	-0.000147 mg/L	Y 371.029
Ca 396.847	-0.000138uv	mg/L	0.000064	46.4	23051.2	-0.000138 mg/L	Y 371.029
Ca 430.253	-0.014884uv	mg/L	0.007797	52.4	1276.91	-0.014884 mg/L	Y 371.029
Cd 214.439	0.000204	mg/L	0.000025	12.4	5.54982	0.000204 mg/L	Y 371.029
Cd 226.502	-0.000025uv	mg/L	0.000053	209.8	21.1183	-0.000025 mg/L	Y 371.029
Cd 228.802	0.000371uv	mg/L	0.000593	159.7	29.9027	0.000371 mg/L	Y 371.029
Co 228.615	0.000370	mg/L	0.000254	68.6	12.4564	0.000370 mg/L	Y 371.029
Co 230.786	0.000349uv	mg/L	0.001074	307.9	13.2166	0.000349 mg/L	Y 371.029
Co 238.892	0.000121uv	mg/L	0.000418	344.3	7.02573	0.000121 mg/L	Y 371.029
Cr 205.560	0.000050uv	mg/L	0.000102	205.2	3.64125	0.000050 mg/L	Y 371.029
Cr 206.158	0.000093	mg/L	0.000018	18.9	2.56248	0.000093 mg/L	Y 371.029
Cr 267.716	-0.000026uv	mg/L	0.000142	545.7	27.1672	-0.000026 mg/L	Y 371.029
Cu 213.598	0.000749	mg/L	0.000247	33.0	4.80414	0.000749 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cu 324.754	0.000349uv	mg/L	0.000499	143.1	602.958	0.000349 mg/L	Y 371.029
Cu 327.395	0.000053uv	mg/L	0.000358	675.5	42.7416	0.000053 mg/L	Y 371.029
Fe 234.350	0.001374	mg/L	0.000131	9.5	27.3437	0.001374 mg/L	Y 371.029
Fe 238.204	0.001510	mg/L	0.000327	21.6	60.5480	0.001510 mg/L	Y 371.029
Fe 259.940	0.001589	mg/L	0.000098	6.2	73.2739	0.001589 mg/L	Y 371.029
Ga 287.423	0.000084uv	mg/L	0.001423	1684.8	12.0590	0.000084 mg/L	Y 371.029
Ga 294.363	0.005032	mg/L	0.001858	36.9	38.9623	0.005032 mg/L	Y 371.029
Ga 417.204	-0.001721uv	mg/L	0.001674	97.2	83.9300	-0.001721 mg/L	Y 371.029
K 766.491	0.000307	mg/L	0.000229	74.7	2416.21	0.000307 mg/L	Y 371.029
K 769.897	0.002535	mg/L	0.001444	57.0	13690.6	0.002535 mg/L	Y 371.029
Li 610.365	0.011775	mg/L	0.000122	1.0	23.7913	0.011775 mg/L	Y 371.029
Li 670.783	-0.000175uv	mg/L	0.000038	21.8	76342.1	-0.000175 mg/L	Y 371.029
Mg 279.078	0.003623	mg/L	0.002134	58.9	18.0789	0.003623 mg/L	Y 371.029
Mg 280.270	-0.000034uv	mg/L	0.000036	105.2	337.396	-0.000034 mg/L	Y 371.029
Mg 285.213	0.000316	mg/L	0.000192	60.8	91.1257	0.000316 mg/L	Y 371.029
Mn 257.610	-0.000069uv	mg/L	0.000025	35.9	1.45487	-0.000069 mg/L	Y 371.029
Mn 259.372	-0.000074	mg/L	0.000069	93.0	71.4398	-0.000074 mg/L	Y 371.029
Mn 260.568	0.000079uv	mg/L	0.000143	182.6	7.03494	0.000079 mg/L	Y 371.029
Mo 202.032	0.029934	mg/L	0.006503	21.7	148.583	0.029934 mg/L	Y 371.029
Mo 203.846	0.030865	mg/L	0.006079	19.7	57.7899	0.030865 mg/L	Y 371.029
Mo 204.598	0.030630	mg/L	0.005110	16.7	62.6879	0.030630 mg/L	Y 371.029
Na 568.821	0.414511	mg/L	0.063221	15.3	230.804	0.414511 mg/L	Y 371.029
Na 588.995	-0.180248uv	mg/L	0.000671	0.4	224411	-0.180248 mg/L	Y 371.029
Na 589.592	-0.041124uv	mg/L	0.000201	0.5	78070.4	-0.041124 mg/L	Y 371.029
Ni 216.555	0.000236uv	mg/L	0.000358	151.7	7.13501	0.000236 mg/L	Y 371.029
Ni 221.648	-0.000134uv	mg/L	0.000660	493.4	2.20234	-0.000134 mg/L	Y 371.029
Ni 231.604	-0.001375uv	mg/L	0.000462	33.6	4.31671	-0.001375 mg/L	Y 371.029
P 177.434	-0.001076uv	mg/L	0.001544	143.6	1.87970	-0.001076 mg/L	Y 371.029
P 213.618	-0.003210uv	mg/L	0.001085	33.8	0.181887	-0.003210 mg/L	Y 371.029
P 214.914	0.006217uv	mg/L	0.013941	224.2	2.40200	0.006217 mg/L	Y 371.029
Pb 220.353	-0.000387uv	mg/L	0.001758	454.2	5.06800	-0.000387 mg/L	Y 371.029
Pb 261.417	0.014252	mg/L	0.005732	40.2	29.6970	0.014252 mg/L	Y 371.029
Pb 405.781	0.006415uv	mg/L	0.010709	166.9	50.3561	0.006415 mg/L	Y 371.029
Sb 206.834	0.070949	mg/L	0.004872	6.9	60.2527	0.070949 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.006140	9.9	44.8248	uncal mg/L	Y 371.029
Sb 259.804	0.078785	mg/L	0.003966	5.0	44.9072	0.078785 mg/L	Y 371.029
Se 196.026	0.015639	mg/L	0.005022	32.1	11.3336	0.015639 mg/L	Y 371.029
Se 203.985	0.013554uv	mg/L	0.013834	102.1	6.17660	0.013554 mg/L	Y 371.029
Si 250.690	-0.008930uv	mg/L	0.003152	35.3	24.2643	-0.008930 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.000909	339.4	19.3187	uncal mg/L	Y 371.029
Si 288.158	-0.004922uv	mg/L	0.000904	18.4	878.615	-0.004922 mg/L	Y 371.029
Sn 189.927	0.004589	mg/L	0.001490	32.5	4.29765	0.004589 mg/L	Y 371.029
Sn 283.998	-0.000647uv	mg/L	0.002156	333.4	21.6032	-0.000647 mg/L	Y 371.029
Sr 216.596	-0.000054uv	mg/L	0.000288	532.1	22.2756	-0.000054 mg/L	Y 371.029
Sr 407.771	0.000011	mg/L	0.000008	70.7	5414.56	0.000011 mg/L	Y 371.029
Sr 421.552	0.000002uv	mg/L	0.000008	503.6	3093.88	0.000002 mg/L	Y 371.029
Ti 334.941	0.001598	mg/L	0.000624	39.1	495.975	0.001598 mg/L	Y 371.029
Ti 336.122	0.001635	mg/L	0.000811	49.6	191.410	0.001635 mg/L	Y 371.029
Ti 337.280	0.002808	mg/L	0.000299	10.7	67.6167	0.002808 mg/L	Y 371.029
Tl 190.794	0.002718uv	mg/L	0.003856	141.9	2.60477	0.002718 mg/L	Y 371.029
Tl 190.807	0.008135	mg/L	0.005634	69.3	1.93832	0.008135 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 351.923	0.003505uv	mg/L	0.003419	97.6	25.2181	0.003505 mg/L	Y 371.029
V 268.796	0.002183	mg/L	0.001093	50.1	88.6118	0.002183 mg/L	Y 371.029
V 292.401	-0.000157uv	mg/L	0.000055	35.0	26.9612	-0.000157 mg/L	Y 371.029
V 311.837	0.000430	mg/L	0.000126	29.4	14.4578	0.000430 mg/L	Y 371.029
Zn 202.548	0.000162uv	mg/L	0.000641	395.5	797.896	0.000162 mg/L	Y 371.029
Zn 206.200	-0.000019uv	mg/L	0.000609	3168.5	250.292	-0.000019 mg/L	Y 371.029
Zn 213.857	-0.000298uv	mg/L	0.000501	168.2	1301.82	-0.000298 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24494	9982.87	62.776	0.6
Y 371.029	0.881130	145304	717.826	0.5

SEQ-LCV1 (Samp) **4/7/2011, 3:54:19 PM** **Rack 1, Tube 4**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.003833	mg/L	0.000105	2.7	900.057	0.003833 mg/L	Y 371.029
Ag 338.289	0.001960	mg/L	0.001614	82.3	0.922108	0.001960 mg/L	Y 371.029
Al 237.312	0.104469	mg/L	0.004647	4.4	199.137	0.104469 mg/L	Y 371.029
Al 257.509	0.113997	mg/L	0.005406	4.7	88.3417	0.113997 mg/L	Y 371.029
Al 308.215	0.096427	mg/L	0.001268	1.3	1488.48	0.096427 mg/L	Y 371.029
As 188.980	0.028577	mg/L	0.004816	16.9	18.0826	0.028577 mg/L	Y 371.029
As 193.696	0.022953	mg/L	0.003140	13.7	13.6426	0.022953 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004804	12.1	47.0526	uncal mg/L	Y 371.029
B 182.577	0.029437	mg/L	0.001789	6.1	20.4833	0.029437 mg/L	Y 371.029
B 249.678	0.028642	mg/L	0.000628	2.2	283.052	0.028642 mg/L	Y 371.029
B 249.772	0.029195	mg/L	0.001099	3.8	610.519	0.029195 mg/L	Y 371.029
Ba 233.527	0.020244	mg/L	0.000087	0.4	1011.29	0.020244 mg/L	Y 371.029
Ba 455.403	0.020697	mg/L	0.000087	0.4	22471.8	0.020697 mg/L	Y 371.029
Ba 493.408	0.020651	mg/L	0.000105	0.5	13278.4	0.020651 mg/L	Y 371.029
Be 234.861	0.020014	mg/L	0.000088	0.4	2311.93	0.020014 mg/L	Y 371.029
Be 313.042	0.019899	mg/L	0.000076	0.4	34883.7	0.019899 mg/L	Y 371.029
Be 313.107	0.020139	mg/L	0.000054	0.3	16120.2	0.020139 mg/L	Y 371.029
Ca 393.366	0.213529n	mg/L	0.000862	0.4	292559	0.213529 mg/L	Y 371.029
Ca 396.847	0.202892	mg/L	0.000901	0.4	408595	0.202892 mg/L	Y 371.029
Ca 430.253	0.231771	mg/L	0.001003	0.4	2433.64	0.231771 mg/L	Y 371.029
Cd 214.439	0.010060	mg/L	0.000016	0.2	228.561	0.010060 mg/L	Y 371.029
Cd 226.502	0.010066	mg/L	0.000024	0.2	426.282	0.010066 mg/L	Y 371.029
Cd 228.802	0.010159	mg/L	0.000218	2.1	181.743	0.010159 mg/L	Y 371.029
Co 228.615	0.020476	mg/L	0.000558	2.7	211.070	0.020476 mg/L	Y 371.029
Co 230.786	0.020385	mg/L	0.001067	5.2	145.136	0.020385 mg/L	Y 371.029
Co 238.892	0.020122	mg/L	0.000616	3.1	128.342	0.020122 mg/L	Y 371.029
Cr 205.560	0.020038	mg/L	0.000441	2.2	90.8795	0.020038 mg/L	Y 371.029
Cr 206.158	0.019670	mg/L	0.000327	1.7	37.6864	0.019670 mg/L	Y 371.029
Cr 267.716	0.020224	mg/L	0.000100	0.5	474.129	0.020224 mg/L	Y 371.029
Cu 213.598	0.019472	mg/L	0.000296	1.5	88.2217	0.019472 mg/L	Y 371.029
Cu 324.754	0.019918	mg/L	0.000195	1.0	1269.13	0.019918 mg/L	Y 371.029
Cu 327.395	0.019783	mg/L	0.000234	1.2	892.809	0.019783 mg/L	Y 371.029
Fe 234.350	0.020313	mg/L	0.000155	0.8	208.564	0.020313 mg/L	Y 371.029
Fe 238.204	0.019962	mg/L	0.000248	1.2	430.712	0.019962 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 259.940	0.020807	mg/L	0.000559	2.7	379.254	0.020807 mg/L	Y 371.029
Ga 287.423	0.018219	mg/L	0.002021	11.1	56.4168	0.018219 mg/L	Y 371.029
Ga 294.363	0.020134	mg/L	0.001481	7.4	135.988	0.020134 mg/L	Y 371.029
Ga 417.204	0.021231	mg/L	0.001356	6.4	316.061	0.021231 mg/L	Y 371.029
K 766.491	0.202777	mg/L	0.000562	0.3	18647.2	0.202777 mg/L	Y 371.029
K 769.897	0.196736	mg/L	0.001114	0.6	25455.9	0.196736 mg/L	Y 371.029
Li 610.365	0.022699	mg/L	0.000053	0.2	584.174	0.022699 mg/L	Y 371.029
Li 670.783	0.042868	mg/L	0.000191	0.4	232624	0.042868 mg/L	Y 371.029
Mg 279.078	0.201905	mg/L	0.001988	1.0	372.482	0.201905 mg/L	Y 371.029
Mg 280.270	0.225609	mg/L	0.001818	0.8	22052.5	0.225609 mg/L	Y 371.029
Mg 285.213	0.193396	mg/L	0.000427	0.2	7250.02	0.193396 mg/L	Y 371.029
Mn 257.610	0.020172	mg/L	0.000131	0.6	3123.57	0.020172 mg/L	Y 371.029
Mn 259.372	0.020125	mg/L	0.000136	0.7	2379.99	0.020125 mg/L	Y 371.029
Mn 260.568	0.020681	mg/L	0.000037	0.2	415.444	0.020681 mg/L	Y 371.029
Mo 202.032	0.053572	mg/L	0.003726	7.0	235.111	0.053572 mg/L	Y 371.029
Mo 203.846	0.053548	mg/L	0.002370	4.4	91.8896	0.053548 mg/L	Y 371.029
Mo 204.598	0.052952	mg/L	0.002778	5.2	102.091	0.052952 mg/L	Y 371.029
Na 568.821	0.568930	mg/L	0.019868	3.5	275.467	0.568930 mg/L	Y 371.029
Na 588.995	0.061626	mg/L	0.002976	4.8	375115	0.061626 mg/L	Y 371.029
Na 589.592	0.166757	mg/L	0.001019	0.6	150188	0.166757 mg/L	Y 371.029
Ni 216.555	0.039593	mg/L	0.000098	0.2	236.420	0.039593 mg/L	Y 371.029
Ni 221.648	0.040273	mg/L	0.000068	0.2	95.2601	0.040273 mg/L	Y 371.029
Ni 231.604	0.039971	mg/L	0.000871	2.2	160.010	0.039971 mg/L	Y 371.029
P 177.434	0.019903	mg/L	0.004337	21.8	5.47633	0.019903 mg/L	Y 371.029
P 213.618	0.017697	mg/L	0.001493	8.4	15.6958	0.017697 mg/L	Y 371.029
P 214.914	0.031640	mg/L	0.011083	35.0	8.12711	0.031640 mg/L	Y 371.029
Pb 220.353	0.039893	mg/L	0.000244	0.6	59.2622	0.039893 mg/L	Y 371.029
Pb 261.417	0.047237	mg/L	0.011688	24.7	47.8182	0.047237 mg/L	Y 371.029
Pb 405.781	0.048512	mg/L	0.006501	13.4	111.130	0.048512 mg/L	Y 371.029
Sb 206.834	0.076182	mg/L	0.005883	7.7	63.8935	0.076182 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.007944	11.4	49.0658	uncal mg/L	Y 371.029
Sb 259.804	0.087637	mg/L	0.019691	22.5	49.0978	0.087637 mg/L	Y 371.029
Se 196.026	0.050149	mg/L	0.004012	8.0	22.6109	0.050149 mg/L	Y 371.029
Se 203.985	0.032152	mg/L	0.008425	26.2	9.89405	0.032152 mg/L	Y 371.029
Si 250.690	0.049066	mg/L	0.004471	9.1	102.381	0.049066 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.001906	3.8	100.351	uncal mg/L	Y 371.029
Si 288.158	0.049327	mg/L	0.000501	1.0	1291.33	0.049327 mg/L	Y 371.029
Sn 189.927	0.037938	mg/L	0.001408	3.7	14.4557	0.037938 mg/L	Y 371.029
Sn 283.998	0.044750	mg/L	0.000638	1.4	107.591	0.044750 mg/L	Y 371.029
Sr 216.596	0.019879	mg/L	0.000106	0.5	219.039	0.019879 mg/L	Y 371.029
Sr 407.771	0.020184	mg/L	0.000076	0.4	54760.4	0.020184 mg/L	Y 371.029
Sr 421.552	0.020458	mg/L	0.000097	0.5	33686.2	0.020458 mg/L	Y 371.029
Ti 334.941	0.021089	mg/L	0.000324	1.5	4371.75	0.021089 mg/L	Y 371.029
Ti 336.122	0.020924	mg/L	0.000809	3.9	1833.03	0.020924 mg/L	Y 371.029
Ti 337.280	0.020632	mg/L	0.000796	3.9	606.114	0.020632 mg/L	Y 371.029
Tl 190.794	0.021413	mg/L	0.004968	23.2	9.69288	0.021413 mg/L	Y 371.029
Tl 190.807	0.019802	mg/L	0.004220	21.3	4.29043	0.019802 mg/L	Y 371.029
Tl 351.923	0.022665	mg/L	0.002760	12.2	51.1291	0.022665 mg/L	Y 371.029
V 268.796	0.021514	mg/L	0.000720	3.3	279.417	0.021514 mg/L	Y 371.029
V 292.401	0.020079	mg/L	0.000048	0.2	710.668	0.020079 mg/L	Y 371.029
V 311.837	0.018883	mg/L	0.000430	2.3	851.498	0.018883 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 202.548	0.019958	mg/L	0.000657	3.3	1018.24	0.019958 mg/L	Y 371.029
Zn 206.200	0.019502	mg/L	0.000687	3.5	318.778	0.019502 mg/L	Y 371.029
Zn 213.857	0.019250	mg/L	0.000787	4.1	1662.72	0.019250 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.25358	10052.1	13.226	0.1
Y 371.029	0.887456	146348	326.906	0.2

SEQ-HCV1 (Samp) **4/7/2011, 3:58:00 PM** **Rack 1, Tube 5**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.707885b	mg/L	0.007991	1.1	35181.6	0.707885 mg/L	Y 371.029
Ag 338.289	0.804814b	mg/L	0.003809	0.5	2215.48	0.804814 mg/L	Y 371.029
Al 237.312	51.8584b	mg/L	0.477250	0.9	69449.9	51.8584 mg/L	Y 371.029
Al 257.509	50.9435b	mg/L	0.509454	1.0	31517.6	50.9435 mg/L	Y 371.029
Al 308.215	50.4755b	mg/L	0.490375	1.0	307109	50.4755 mg/L	Y 371.029
As 188.980	10.3337b	mg/L	0.118909	1.2	4119.52	10.3337 mg/L	Y 371.029
As 193.696	10.3613b	mg/L	0.093812	0.9	4729.64	10.3613 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.358335	2.1	14315.3	uncal mg/L	Y 371.029
B 182.577	10.3211b	mg/L	0.206219	2.0	5464.75	10.3211 mg/L	Y 371.029
B 249.678	10.3086b	mg/L	0.209788	2.0	90120.6	10.3086 mg/L	Y 371.029
B 249.772	10.2249b	mg/L	0.134505	1.3	189983	10.2249 mg/L	Y 371.029
Ba 233.527	10.1170b	mg/L	0.111901	1.1	409147	10.1170 mg/L	Y 371.029
Ba 455.403	9.49658b	mg/L	0.100290	1.1	8420922	9.49658 mg/L	Y 371.029
Ba 493.408	9.91008b	mg/L	0.262167	2.6	5160398	9.91008 mg/L	Y 371.029
Be 234.861	10.4122b	mg/L	0.101469	1.0	1203930	10.4122 mg/L	Y 371.029
Be 313.042	9.57392b	mg/L	0.110665	1.2	16024073	9.57392 mg/L	Y 371.029
Be 313.107	9.74486b	mg/L	0.119078	1.2	7759739	9.74486 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.237079	0.7	44467760	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.141587	0.6	42336024	- mg/L	Y 371.029
Ca 430.253	102.410b	mg/L	0.753872	0.7	481971	102.410 mg/L	Y 371.029
Cd 214.439	4.98462b	mg/L	0.112540	2.3	112782	4.98462 mg/L	Y 371.029
Cd 226.502	4.96203b	mg/L	0.058833	1.2	199265	4.96203 mg/L	Y 371.029
Cd 228.802	5.14905b	mg/L	0.060982	1.2	79909.5	5.14905 mg/L	Y 371.029
Co 228.615	10.1036b	mg/L	0.128488	1.3	99753.3	10.1036 mg/L	Y 371.029
Co 230.786	10.0927b	mg/L	0.121367	1.2	66432.8	10.0927 mg/L	Y 371.029
Co 238.892	10.0613b	mg/L	0.097447	1.0	61044.3	10.0613 mg/L	Y 371.029
Cr 205.560	10.0708b	mg/L	0.113629	1.1	43969.1	10.0708 mg/L	Y 371.029
Cr 206.158	10.1086b	mg/L	0.068560	0.7	18138.5	10.1086 mg/L	Y 371.029
Cr 267.716	10.0964b	mg/L	0.099081	1.0	222912	10.0964 mg/L	Y 371.029
Cu 213.598	10.0156b	mg/L	0.168114	1.7	44738.4	10.0156 mg/L	Y 371.029
Cu 324.754	10.2392b	mg/L	0.058226	0.6	349191	10.2392 mg/L	Y 371.029
Cu 327.395	10.3067b	mg/L	0.064278	0.6	444078	10.3067 mg/L	Y 371.029
Fe 234.350	9.93349b	mg/L	0.120538	1.2	95008.0	9.93349 mg/L	Y 371.029
Fe 238.204	10.0053b	mg/L	0.106133	1.1	200740	10.0053 mg/L	Y 371.029
Fe 259.940	9.99276b	mg/L	0.141719	1.4	159403	9.99276 mg/L	Y 371.029
Ga 287.423	10.3553b	mg/L	0.112288	1.1	25310.3	10.3553 mg/L	Y 371.029
Ga 294.363	10.4381b	mg/L	0.111831	1.1	67011.6	10.4381 mg/L	Y 371.029
Ga 417.204	10.1264b	mg/L	0.142743	1.4	103871	10.1264 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
K 766.491	80.4051b	mg/L	0.266250	0.3	6449467	80.4051 mg/L	Y 371.029
K 769.897	97.9611b	mg/L	0.715832	0.7	5949491	97.9611 mg/L	Y 371.029
Li 610.365	21.9133b	mg/L	0.272090	1.2	1123544	21.9133 mg/L	Y 371.029
Li 670.783	-ob	mg/L	0.180060	1.7	38472740	- mg/L	Y 371.029
Mg 279.078	101.902b	mg/L	1.44343	1.4	182137	101.902 mg/L	Y 371.029
Mg 280.270	81.6108b	mg/L	0.544047	0.7	7855080	81.6108 mg/L	Y 371.029
Mg 285.213	94.3635b	mg/L	0.603775	0.6	3498864	94.3635 mg/L	Y 371.029
Mn 257.610	9.87620b	mg/L	0.022227	0.2	1525623	9.87620 mg/L	Y 371.029
Mn 259.372	9.90159b	mg/L	0.023764	0.2	1138648	9.90159 mg/L	Y 371.029
Mn 260.568	10.3591b	mg/L	0.136956	1.3	205402	10.3591 mg/L	Y 371.029
Mo 202.032	22.1640b	mg/L	0.424998	1.9	80948.9	22.1640 mg/L	Y 371.029
Mo 203.846	22.1446b	mg/L	0.380277	1.7	33200.7	22.1446 mg/L	Y 371.029
Mo 204.598	22.0399b	mg/L	0.409315	1.9	38789.6	22.0399 mg/L	Y 371.029
Na 568.821	101.827b	mg/L	0.976115	1.0	29485.4	101.827 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.20720	2.2	34860112	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.87332	3.3	30422518	- mg/L	Y 371.029
Ni 216.555	19.7648b	mg/L	0.225952	1.1	115149	19.7648 mg/L	Y 371.029
Ni 221.648	19.9940b	mg/L	0.201917	1.0	46052.6	19.9940 mg/L	Y 371.029
Ni 231.604	20.0479b	mg/L	0.238086	1.2	75507.6	20.0479 mg/L	Y 371.029
P 177.434	10.2574b	mg/L	0.133260	1.3	1760.71	10.2574 mg/L	Y 371.029
P 213.618	10.5588b	mg/L	0.138758	1.3	7862.74	10.5588 mg/L	Y 371.029
P 214.914	10.0840b	mg/L	0.120281	1.2	2325.27	10.0840 mg/L	Y 371.029
Pb 220.353	19.8866b	mg/L	0.195889	1.0	26762.8	19.8866 mg/L	Y 371.029
Pb 261.417	20.5748b	mg/L	0.248188	1.2	11329.4	20.5748 mg/L	Y 371.029
Pb 405.781	20.5209b	mg/L	0.204489	1.0	29703.5	20.5209 mg/L	Y 371.029
Sb 206.834	21.3030b	mg/L	0.343487	1.6	14303.9	21.3030 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.377963	1.7	11053.4	uncal mg/L	Y 371.029
Sb 259.804	20.5455b	mg/L	0.328812	1.6	9588.42	20.5455 mg/L	Y 371.029
Se 196.026	21.9758b	mg/L	0.302868	1.4	7185.23	21.9758 mg/L	Y 371.029
Se 203.985	22.7705b	mg/L	0.352600	1.5	4271.62	22.7705 mg/L	Y 371.029
Si 250.690	18.4325b	mg/L	0.649216	3.5	24945.2	18.4325 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.614822	3.5	28979.9	uncal mg/L	Y 371.029
Si 288.158	17.9916b	mg/L	0.573866	3.2	137795	17.9916 mg/L	Y 371.029
Sn 189.927	20.0991b	mg/L	0.208581	1.0	6125.12	20.0991 mg/L	Y 371.029
Sn 283.998	21.7614b	mg/L	0.340528	1.6	42081.6	21.7614 mg/L	Y 371.029
Sr 216.596	9.98088b	mg/L	0.115223	1.2	98548.1	9.98088 mg/L	Y 371.029
Sr 407.771	8.99201b	mg/L	0.124481	1.4	22001704	8.99201 mg/L	Y 371.029
Sr 421.552	9.38178b	mg/L	0.137488	1.5	14033703	9.38178 mg/L	Y 371.029
Ti 334.941	10.0475b	mg/L	0.110646	1.1	1998168	10.0475 mg/L	Y 371.029
Ti 336.122	10.0461b	mg/L	0.112456	1.1	855088	10.0461 mg/L	Y 371.029
Ti 337.280	10.2094b	mg/L	0.110912	1.1	308390	10.2094 mg/L	Y 371.029
Tl 190.794	10.0227b	mg/L	0.140800	1.4	3800.71	10.0227 mg/L	Y 371.029
Tl 190.807	10.0793b	mg/L	0.122798	1.2	2046.12	10.0793 mg/L	Y 371.029
Tl 351.923	10.4915b	mg/L	0.135450	1.3	14208.3	10.4915 mg/L	Y 371.029
V 268.796	10.2169b	mg/L	0.144408	1.4	112102	10.2169 mg/L	Y 371.029
V 292.401	10.1472b	mg/L	0.098522	1.0	342911	10.1472 mg/L	Y 371.029
V 311.837	10.4448b	mg/L	0.117339	1.1	473700	10.4448 mg/L	Y 371.029
Zn 202.548	9.75830b	mg/L	0.065072	0.7	109591	9.75830 mg/L	Y 371.029
Zn 206.200	9.89155b	mg/L	0.064129	0.6	34979.8	9.89155 mg/L	Y 371.029
Zn 213.857	10.1101b	mg/L	0.244939	2.4	187933	10.1101 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17143	9393.44	85.707	0.9
Y 371.029	0.845519	139432	964.132	0.7

SEQ-IFA1 (Samp) **4/7/2011, 4:04:13 PM** **Rack 1, Tube 6**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001099uvb	mg/L	0.000205	18.7	590.627	-0.001099 mg/L	Y 371.029
Ag 338.289	0.074899b	mg/L	0.001127	1.5	82.3486	0.074899 mg/L	Y 371.029
Al 237.312	95.8756b	mg/L	0.104692	0.1	128209	95.8756 mg/L	Y 371.029
Al 257.509	97.0839b	mg/L	0.140506	0.1	60079.8	97.0839 mg/L	Y 371.029
Al 308.215	93.7252b	mg/L	0.128603	0.1	567875	93.7252 mg/L	Y 371.029
As 188.980	0.043806b	mg/L	0.006954	15.9	10.9414	0.043806 mg/L	Y 371.029
As 193.696	-0.004856uvb	mg/L	0.005365	110.5	3.34106	-0.004856 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.494360	10.5	12515.1	uncal mg/L	Y 371.029
B 182.577	0.037548b	mg/L	0.012305	32.8	33.8229	0.037548 mg/L	Y 371.029
B 249.678	0.023316b	mg/L	0.009601	41.2	487.090	0.023316 mg/L	Y 371.029
B 249.772	0.082693b	mg/L	0.010275	12.4	3326.24	0.082693 mg/L	Y 371.029
Ba 233.527	-0.005060b	mg/L	0.000230	4.6	372.052	-0.005060 mg/L	Y 371.029
Ba 455.403	-0.003982b	mg/L	0.000011	0.3	4357.52	-0.003982 mg/L	Y 371.029
Ba 493.408	-0.004368b	mg/L	0.000023	0.5	2909.92	-0.004368 mg/L	Y 371.029
Be 234.861	0.003076uvb	mg/L	0.002919	94.9	-151.578	0.003076 mg/L	Y 371.029
Be 313.042	0.000116b	mg/L	0.000013	10.8	3097.62	0.000116 mg/L	Y 371.029
Be 313.107	0.000195uvb	mg/L	0.000009	4.7	29.1014	0.000195 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.010258	0.0	44176148	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.025851	0.1	42046892	- mg/L	Y 371.029
Ca 430.253	93.4431b	mg/L	0.090637	0.1	440231	93.4431 mg/L	Y 371.029
Cd 214.439	9.45247b	mg/L	0.176876	1.9	213870	9.45247 mg/L	Y 371.029
Cd 226.502	9.29952b	mg/L	0.015294	0.2	373552	9.29952 mg/L	Y 371.029
Cd 228.802	9.35452b	mg/L	0.153922	1.6	145125	9.35452 mg/L	Y 371.029
Co 228.615	-0.001311b	mg/L	0.000946	72.2	170.672	-0.001311 mg/L	Y 371.029
Co 230.786	-0.011137b	mg/L	0.000643	5.8	54.2548	-0.011137 mg/L	Y 371.029
Co 238.892	0.096066b	mg/L	0.000630	0.7	40.2737	0.096066 mg/L	Y 371.029
Cr 205.560	9.36102b	mg/L	0.022814	0.2	41002.1	9.36102 mg/L	Y 371.029
Cr 206.158	9.27004b	mg/L	0.010708	0.1	16693.8	9.27004 mg/L	Y 371.029
Cr 267.716	9.21736b	mg/L	0.016798	0.2	204178	9.21736 mg/L	Y 371.029
Cu 213.598	9.18600b	mg/L	0.057506	0.6	41122.7	9.18600 mg/L	Y 371.029
Cu 324.754	9.36121b	mg/L	0.004205	0.0	319819	9.36121 mg/L	Y 371.029
Cu 327.395	9.40685b	mg/L	0.009915	0.1	406297	9.40685 mg/L	Y 371.029
Fe 234.350	96.2667b	mg/L	1.47678	1.5	868023	96.2667 mg/L	Y 371.029
Fe 238.204	93.8194b	mg/L	0.150728	0.2	1818530	93.8194 mg/L	Y 371.029
Fe 259.940	94.5035b	mg/L	1.01103	1.1	1462833	94.5035 mg/L	Y 371.029
Ga 287.423	-0.489098b	mg/L	0.008036	1.6	1130.02	-0.489098 mg/L	Y 371.029
Ga 294.363	-0.022843b	mg/L	0.001871	8.2	194.931	-0.022843 mg/L	Y 371.029
Ga 417.204	-0.215586b	mg/L	0.001872	0.9	3836.89	-0.215586 mg/L	Y 371.029
K 766.491	-0.050532b	mg/L	0.000483	1.0	2698.32	-0.050532 mg/L	Y 371.029
K 769.897	-0.083699b	mg/L	0.001466	1.8	14072.3	-0.083699 mg/L	Y 371.029
Li 610.365	0.014362b	mg/L	0.000333	2.3	156.518	0.014362 mg/L	Y 371.029
Li 670.783	-0.013433uvb	mg/L	0.000034	0.3	71971.5	-0.013433 mg/L	Y 371.029
Mg 279.078	92.8157b	mg/L	0.136307	0.1	165957	92.8157 mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	75.8938b	mg/L	0.172583	0.2	7305030	75.8938 mg/L	Y 371.029
Mg 285.213	87.1371b	mg/L	0.306404	0.4	3230947	87.1371 mg/L	Y 371.029
Mn 257.610	8.84558b	mg/L	0.100803	1.1	1386973	8.84558 mg/L	Y 371.029
Mn 259.372	8.94730b	mg/L	0.101446	1.1	1041435	8.94730 mg/L	Y 371.029
Mn 260.568	9.37794b	mg/L	0.005036	0.1	186532	9.37794 mg/L	Y 371.029
Mo 202.032	9.36271b	mg/L	0.109420	1.2	34401.0	9.36271 mg/L	Y 371.029
Mo 203.846	9.29528b	mg/L	0.087432	0.9	14031.5	9.29528 mg/L	Y 371.029
Mo 204.598	9.32977b	mg/L	0.084110	0.9	16528.5	9.32977 mg/L	Y 371.029
Na 568.821	95.3494b	mg/L	0.181753	0.2	27534.2	95.3494 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.164648	0.3	33164846	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.11931	1.4	28386874	- mg/L	Y 371.029
Ni 216.555	8.50924b	mg/L	0.012365	0.1	50104.5	8.50924 mg/L	Y 371.029
Ni 221.648	8.63215b	mg/L	0.018756	0.2	20081.5	8.63215 mg/L	Y 371.029
Ni 231.604	8.64604b	mg/L	0.027724	0.3	32893.7	8.64604 mg/L	Y 371.029
P 177.434	-0.018779b	mg/L	0.005885	31.3	7.94536	-0.018779 mg/L	Y 371.029
P 213.618	-0.319261b	mg/L	0.006237	2.0	48.2911	-0.319261 mg/L	Y 371.029
P 214.914	-0.360190b	mg/L	0.008571	2.4	57.5832	-0.360190 mg/L	Y 371.029
Pb 220.353	-0.005943uvb	mg/L	0.001042	17.5	3.64556	-0.005943 mg/L	Y 371.029
Pb 261.417	0.062154b	mg/L	0.015396	24.8	33.1083	0.062154 mg/L	Y 371.029
Pb 405.781	-0.117305b	mg/L	0.008629	7.4	65.8416	-0.117305 mg/L	Y 371.029
Sb 206.834	0.057046b	mg/L	0.003722	6.5	134.015	0.057046 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.006898	3.1	10.8229	uncal mg/L	Y 371.029
Sb 259.804	-0.412406b	mg/L	0.012523	3.0	35.1432	-0.412406 mg/L	Y 371.029
Se 196.026	-0.003846b	mg/L	0.011150	289.9	10.2878	-0.003846 mg/L	Y 371.029
Se 203.985	0.685835b	mg/L	0.025703	3.7	311.585	0.685835 mg/L	Y 371.029
Si 250.690	-0.067794b	mg/L	0.003834	5.7	191.489	-0.067794 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.007058	4.7	286.174	uncal mg/L	Y 371.029
Si 288.158	-0.014181b	mg/L	0.004697	33.1	1311.99	-0.014181 mg/L	Y 371.029
Sn 189.927	-0.012103uvb	mg/L	0.002918	24.1	2.62925	-0.012103 mg/L	Y 371.029
Sn 283.998	1.42879b	mg/L	0.012965	0.9	12560.6	1.42879 mg/L	Y 371.029
Sr 216.596	-0.029897uvb	mg/L	0.000330	1.1	-8.72237	-0.029897 mg/L	Y 371.029
Sr 407.771	-0.001521b	mg/L	0.000017	1.1	8766.19	-0.001521 mg/L	Y 371.029
Sr 421.552	-0.002007b	mg/L	0.000002	0.1	4968.83	-0.002007 mg/L	Y 371.029
Ti 334.941	9.13057b	mg/L	0.060058	0.7	1817806	9.13057 mg/L	Y 371.029
Ti 336.122	9.14524b	mg/L	0.066351	0.7	779120	9.14524 mg/L	Y 371.029
Ti 337.280	9.30287b	mg/L	0.014996	0.2	281223	9.30287 mg/L	Y 371.029
Tl 190.794	-0.043588uvb	mg/L	0.007589	17.4	3.99668	-0.043588 mg/L	Y 371.029
Tl 190.807	0.077169b	mg/L	0.012614	16.3	23.4020	0.077169 mg/L	Y 371.029
Tl 351.923	0.011210b	mg/L	0.003590	32.0	41.0179	0.011210 mg/L	Y 371.029
V 268.796	8.92552b	mg/L	0.020927	0.2	87030.5	8.92552 mg/L	Y 371.029
V 292.401	9.23999b	mg/L	0.075314	0.8	313043	9.23999 mg/L	Y 371.029
V 311.837	9.42726b	mg/L	0.018822	0.2	428409	9.42726 mg/L	Y 371.029
Zn 202.548	9.00964b	mg/L	0.037813	0.4	101280	9.00964 mg/L	Y 371.029
Zn 206.200	9.16339b	mg/L	0.033519	0.4	32430.1	9.16339 mg/L	Y 371.029
Zn 213.857	9.46872b	mg/L	0.160337	1.7	175099	9.46872 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18433	9496.91	13.972	0.1
Y 371.029	0.850608	140271	74.425	0.1

SEQ-IFB1 (Samp) **4/7/2011, 4:08:27 PM** **Rack 1, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.094179b	mg/L	0.000614	0.7	5224.83	0.094179 mg/L	Y 371.029
Ag 338.289	0.170561b	mg/L	0.005786	3.4	356.896	0.170561 mg/L	Y 371.029
Al 237.312	99.4761b	mg/L	0.470305	0.5	133021	99.4761 mg/L	Y 371.029
Al 257.509	101.052b	mg/L	0.482435	0.5	62533.9	101.052 mg/L	Y 371.029
Al 308.215	97.7172b	mg/L	0.406120	0.4	592068	97.7172 mg/L	Y 371.029
As 188.980	0.543659b	mg/L	0.001354	0.2	209.642	0.543659 mg/L	Y 371.029
As 193.696	0.442978b	mg/L	0.005483	1.2	207.580	0.442978 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.716525	12.0	13495.2	uncal mg/L	Y 371.029
B 182.577	0.495058b	mg/L	0.004867	1.0	276.001	0.495058 mg/L	Y 371.029
B 249.678	0.486137b	mg/L	0.002311	0.5	4535.72	0.486137 mg/L	Y 371.029
B 249.772	0.520627b	mg/L	0.011436	2.2	11503.4	0.520627 mg/L	Y 371.029
Ba 233.527	0.480266b	mg/L	0.001207	0.3	19997.3	0.480266 mg/L	Y 371.029
Ba 455.403	0.495592b	mg/L	0.000905	0.2	447175	0.495592 mg/L	Y 371.029
Ba 493.408	0.496635b	mg/L	0.000752	0.2	263708	0.496635 mg/L	Y 371.029
Be 234.861	0.469475b	mg/L	0.000926	0.2	53762.8	0.469475 mg/L	Y 371.029
Be 313.042	0.481246b	mg/L	0.002135	0.4	808367	0.481246 mg/L	Y 371.029
Be 313.107	0.485787b	mg/L	0.002199	0.5	386683	0.485787 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.428284	1.2	45266732	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.273414	1.2	43034172	- mg/L	Y 371.029
Ca 430.253	100.064b	mg/L	0.312564	0.3	471312	100.064 mg/L	Y 371.029
Cd 214.439	9.78513b	mg/L	0.101135	1.0	221397	9.78513 mg/L	Y 371.029
Cd 226.502	9.72732b	mg/L	0.021795	0.2	390733	9.72732 mg/L	Y 371.029
Cd 228.802	9.64508b	mg/L	0.264363	2.7	149633	9.64508 mg/L	Y 371.029
Co 228.615	0.487510b	mg/L	0.004313	0.9	5002.14	0.487510 mg/L	Y 371.029
Co 230.786	0.472315b	mg/L	0.004252	0.9	3240.44	0.472315 mg/L	Y 371.029
Co 238.892	0.367965b	mg/L	0.007136	1.9	1677.82	0.367965 mg/L	Y 371.029
Cr 205.560	9.96374b	mg/L	0.118460	1.2	43635.7	9.96374 mg/L	Y 371.029
Cr 206.158	9.82743b	mg/L	0.018103	0.2	17695.1	9.82743 mg/L	Y 371.029
Cr 267.716	9.85930b	mg/L	0.011026	0.1	218360	9.85930 mg/L	Y 371.029
Cu 213.598	9.79680b	mg/L	0.064339	0.7	43855.3	9.79680 mg/L	Y 371.029
Cu 324.754	10.0144b	mg/L	0.031766	0.3	342072	10.0144 mg/L	Y 371.029
Cu 327.395	10.0661b	mg/L	0.029107	0.3	434723	10.0661 mg/L	Y 371.029
Fe 234.350	99.1980b	mg/L	0.560256	0.6	894651	99.1980 mg/L	Y 371.029
Fe 238.204	96.1808b	mg/L	0.217151	0.2	1864556	96.1808 mg/L	Y 371.029
Fe 259.940	96.8035b	mg/L	0.181263	0.2	1498605	96.8035 mg/L	Y 371.029
Ga 287.423	-0.025452b	mg/L	0.002803	11.0	2319.76	-0.025452 mg/L	Y 371.029
Ga 294.363	0.455871b	mg/L	0.003336	0.7	3274.23	0.455871 mg/L	Y 371.029
Ga 417.204	0.274961b	mg/L	0.004526	1.6	8957.79	0.274961 mg/L	Y 371.029
K 766.491	5.38252b	mg/L	0.009682	0.2	438311	5.38252 mg/L	Y 371.029
K 769.897	5.35045b	mg/L	0.013421	0.3	343402	5.35045 mg/L	Y 371.029
Li 610.365	0.926888b	mg/L	0.002742	0.3	46967.8	0.926888 mg/L	Y 371.029
Li 670.783	0.966398b	mg/L	0.002663	0.3	3630585	0.966398 mg/L	Y 371.029
Mg 279.078	99.9399b	mg/L	0.208422	0.2	178691	99.9399 mg/L	Y 371.029
Mg 280.270	80.1652b	mg/L	0.483430	0.6	7716163	80.1652 mg/L	Y 371.029
Mg 285.213	92.7733b	mg/L	0.364315	0.4	3439926	92.7733 mg/L	Y 371.029
Mn 257.610	9.48887b	mg/L	0.034756	0.4	1486450	9.48887 mg/L	Y 371.029
Mn 259.372	9.59503b	mg/L	0.027151	0.3	1116213	9.59503 mg/L	Y 371.029
Mn 260.568	9.99743b	mg/L	0.018376	0.2	198829	9.99743 mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	10.5951b	mg/L	0.122561	1.2	38903.3	10.5951 mg/L	Y 371.029
Mo 203.846	10.5110b	mg/L	0.084513	0.8	15855.4	10.5110 mg/L	Y 371.029
Mo 204.598	10.5871b	mg/L	0.112314	1.1	18742.6	10.5871 mg/L	Y 371.029
Na 568.821	102.556b	mg/L	0.356871	0.3	29607.9	102.556 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.29776	2.4	34367236	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	3.29197	3.8	29992752	- mg/L	Y 371.029
Ni 216.555	9.66985b	mg/L	0.023380	0.2	56878.6	9.66985 mg/L	Y 371.029
Ni 221.648	9.76690b	mg/L	0.085969	0.9	22699.9	9.76690 mg/L	Y 371.029
Ni 231.604	9.76645b	mg/L	0.151057	1.5	37121.1	9.76645 mg/L	Y 371.029
P 177.434	0.456018b	mg/L	0.001611	0.4	89.5239	0.456018 mg/L	Y 371.029
P 213.618	0.129629b	mg/L	0.010970	8.5	388.201	0.129629 mg/L	Y 371.029
P 214.914	0.107318b	mg/L	0.017691	16.5	167.745	0.107318 mg/L	Y 371.029
Pb 220.353	0.942078b	mg/L	0.008887	0.9	1279.34	0.942078 mg/L	Y 371.029
Pb 261.417	0.473440b	mg/L	0.014986	3.2	258.362	0.473440 mg/L	Y 371.029
Pb 405.781	0.808628b	mg/L	0.006715	0.8	1408.81	0.808628 mg/L	Y 371.029
Sb 206.834	1.06409b	mg/L	0.003847	0.4	810.698	1.06409 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.007927	1.2	470.400	uncal mg/L	Y 371.029
Sb 259.804	-0.358840b	mg/L	0.006305	1.8	66.4516	-0.358840 mg/L	Y 371.029
Se 196.026	0.989832b	mg/L	0.032756	3.3	334.951	0.989832 mg/L	Y 371.029
Se 203.985	1.81127b	mg/L	0.036026	2.0	523.573	1.81127 mg/L	Y 371.029
Si 250.690	0.886524b	mg/L	0.022255	2.5	1484.61	0.886524 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.015699	2.1	1788.86	uncal mg/L	Y 371.029
Si 288.158	0.927641b	mg/L	0.017490	1.9	8482.96	0.927641 mg/L	Y 371.029
Sn 189.927	0.944657b	mg/L	0.006102	0.6	294.118	0.944657 mg/L	Y 371.029
Sn 283.998	2.55858b	mg/L	0.033326	1.3	14783.0	2.55858 mg/L	Y 371.029
Sr 216.596	0.438904b	mg/L	0.001469	0.3	4624.86	0.438904 mg/L	Y 371.029
Sr 407.771	0.473679b	mg/L	0.000897	0.2	1171263	0.473679 mg/L	Y 371.029
Sr 421.552	0.485791b	mg/L	0.006116	1.3	734528	0.485791 mg/L	Y 371.029
Ti 334.941	9.76724b	mg/L	0.038098	0.4	1944437	9.76724 mg/L	Y 371.029
Ti 336.122	9.78444b	mg/L	0.037700	0.4	833533	9.78444 mg/L	Y 371.029
Ti 337.280	9.94346b	mg/L	0.041794	0.4	300578	9.94346 mg/L	Y 371.029
Tl 190.794	0.390681b	mg/L	0.008039	2.1	169.005	0.390681 mg/L	Y 371.029
Tl 190.807	0.485064b	mg/L	0.009672	2.0	106.576	0.485064 mg/L	Y 371.029
Tl 351.923	0.465404b	mg/L	0.010217	2.2	655.681	0.465404 mg/L	Y 371.029
V 268.796	9.53934b	mg/L	0.063047	0.7	93641.8	9.53934 mg/L	Y 371.029
V 292.401	9.88983b	mg/L	0.038058	0.4	335016	9.88983 mg/L	Y 371.029
V 311.837	10.1060b	mg/L	0.020279	0.2	459205	10.1060 mg/L	Y 371.029
Zn 202.548	9.71145b	mg/L	0.017176	0.2	109087	9.71145 mg/L	Y 371.029
Zn 206.200	9.75068b	mg/L	0.034264	0.4	34493.7	9.75068 mg/L	Y 371.029
Zn 213.857	10.0736b	mg/L	0.118219	1.2	186268	10.0736 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.16901	9374.07	25.744	0.3
Y 371.029	0.839859	138499	283.136	0.2

SEQ-CCV1 (Samp) **4/7/2011, 4:12:25 PM** **Rack 1, Tube 8**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.097405	mg/L	0.000490	0.5	5453.60	0.097405 mg/L	Y 371.029
Ag 338.289	0.095440	mg/L	0.001502	1.6	270.168	0.095440 mg/L	Y 371.029
Al 237.312	2.46342	mg/L	0.006426	0.3	3355.65	2.46342 mg/L	Y 371.029
Al 257.509	2.44067	mg/L	0.010642	0.4	1526.88	2.44067 mg/L	Y 371.029
Al 308.215	2.49256	mg/L	0.001293	0.1	16023.3	2.49256 mg/L	Y 371.029
As 188.980	0.496422	mg/L	0.001742	0.4	204.261	0.496422 mg/L	Y 371.029
As 193.696	0.487752	mg/L	0.003432	0.7	225.665	0.487752 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.012759	1.6	697.344	uncal mg/L	Y 371.029
B 182.577	0.504729	mg/L	0.002942	0.6	271.920	0.504729 mg/L	Y 371.029
B 249.678	0.502504	mg/L	0.003825	0.8	4424.24	0.502504 mg/L	Y 371.029
B 249.772	0.497368	mg/L	0.001338	0.3	9306.70	0.497368 mg/L	Y 371.029
Ba 233.527	0.490450	mg/L	0.001092	0.2	20018.1	0.490450 mg/L	Y 371.029
Ba 455.403	0.499282	mg/L	0.000691	0.1	446628	0.499282 mg/L	Y 371.029
Ba 493.408	0.501577	mg/L	0.000611	0.1	263580	0.501577 mg/L	Y 371.029
Be 234.861	0.491899	mg/L	0.003349	0.7	56874.5	0.491899 mg/L	Y 371.029
Be 313.042	0.488326	mg/L	0.004611	0.9	818822	0.488326 mg/L	Y 371.029
Be 313.107	0.492235	mg/L	0.005049	1.0	392041	0.492235 mg/L	Y 371.029
Ca 393.366	4.64312n	mg/L	0.021432	0.5	6013807	4.64312 mg/L	Y 371.029
Ca 396.847	4.49626	mg/L	0.028118	0.6	8562455	4.49626 mg/L	Y 371.029
Ca 430.253	4.84032	mg/L	0.006686	0.1	24064.3	4.84032 mg/L	Y 371.029
Cd 214.439	0.253413	mg/L	0.000263	0.1	5734.58	0.253413 mg/L	Y 371.029
Cd 226.502	0.246412	mg/L	0.000764	0.3	9916.42	0.246412 mg/L	Y 371.029
Cd 228.802	0.247802	mg/L	0.000463	0.2	3868.68	0.247802 mg/L	Y 371.029
Co 228.615	0.497261	mg/L	0.000861	0.2	4918.73	0.497261 mg/L	Y 371.029
Co 230.786	0.497514	mg/L	0.000914	0.2	3285.91	0.497514 mg/L	Y 371.029
Co 238.892	0.493117	mg/L	0.000953	0.2	2997.77	0.493117 mg/L	Y 371.029
Cr 205.560	0.496848	mg/L	0.001916	0.4	2172.33	0.496848 mg/L	Y 371.029
Cr 206.158	0.494287	mg/L	0.006353	1.3	889.188	0.494287 mg/L	Y 371.029
Cr 267.716	0.490864	mg/L	0.003580	0.7	10863.5	0.490864 mg/L	Y 371.029
Cu 213.598	0.505286	mg/L	0.000884	0.2	2258.03	0.505286 mg/L	Y 371.029
Cu 324.754	0.492860	mg/L	0.000488	0.1	17370.4	0.492860 mg/L	Y 371.029
Cu 327.395	0.494078	mg/L	0.000444	0.1	21326.7	0.494078 mg/L	Y 371.029
Fe 234.350	0.504619	mg/L	0.001340	0.3	4828.72	0.504619 mg/L	Y 371.029
Fe 238.204	0.500293	mg/L	0.003982	0.8	10052.1	0.500293 mg/L	Y 371.029
Fe 259.940	0.496881	mg/L	0.000674	0.1	7963.00	0.496881 mg/L	Y 371.029
Ga 287.423	0.493416	mg/L	0.002533	0.5	1217.93	0.493416 mg/L	Y 371.029
Ga 294.363	0.495317	mg/L	0.001377	0.3	3186.55	0.495317 mg/L	Y 371.029
Ga 417.204	0.500467	mg/L	0.001027	0.2	5223.95	0.500467 mg/L	Y 371.029
K 766.491	5.13798	mg/L	0.011211	0.2	414291	5.13798 mg/L	Y 371.029
K 769.897	5.11467	mg/L	0.007302	0.1	323431	5.11467 mg/L	Y 371.029
Li 610.365	0.987685	mg/L	0.001694	0.2	50086.6	0.987685 mg/L	Y 371.029
Li 670.783	1.03237	mg/L	0.001961	0.2	3825459	1.03237 mg/L	Y 371.029
Mg 279.078	4.92985	mg/L	0.008634	0.2	8822.55	4.92985 mg/L	Y 371.029
Mg 280.270	5.52802	mg/L	0.037180	0.7	532344	5.52802 mg/L	Y 371.029
Mg 285.213	5.03866	mg/L	0.033211	0.7	186899	5.03866 mg/L	Y 371.029
Mn 257.610	0.493053	mg/L	0.003650	0.7	76121.5	0.493053 mg/L	Y 371.029
Mn 259.372	0.492126	mg/L	0.003343	0.7	56654.4	0.492126 mg/L	Y 371.029
Mn 260.568	0.502023	mg/L	0.000790	0.2	9958.79	0.502023 mg/L	Y 371.029
Mo 202.032	1.12986	mg/L	0.016447	1.5	4162.28	1.12986 mg/L	Y 371.029
Mo 203.846	1.11926	mg/L	0.020675	1.8	1688.43	1.11926 mg/L	Y 371.029
Mo 204.598	1.12382	mg/L	0.017988	1.6	1985.43	1.12382 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	4.83082	mg/L	0.065941	1.4	1507.40	4.83082 mg/L	Y 371.029
Na 588.995	5.27436	mg/L	0.078623	1.5	3623740	5.27436 mg/L	Y 371.029
Na 589.592	5.10086	mg/L	0.008505	0.2	1862174	5.10086 mg/L	Y 371.029
Ni 216.555	0.993147	mg/L	0.001190	0.1	5791.48	0.993147 mg/L	Y 371.029
Ni 221.648	0.996671	mg/L	0.002727	0.3	2298.02	0.996671 mg/L	Y 371.029
Ni 231.604	0.994869	mg/L	0.002265	0.2	3756.03	0.994869 mg/L	Y 371.029
P 177.434	0.485618	mg/L	0.006294	1.3	85.3542	0.485618 mg/L	Y 371.029
P 213.618	0.500755	mg/L	0.003652	0.7	376.031	0.500755 mg/L	Y 371.029
P 214.914	0.501966	mg/L	0.016947	3.4	116.802	0.501966 mg/L	Y 371.029
Pb 220.353	0.987387	mg/L	0.002196	0.2	1334.10	0.987387 mg/L	Y 371.029
Pb 261.417	0.981562	mg/L	0.004594	0.5	561.271	0.981562 mg/L	Y 371.029
Pb 405.781	0.978043	mg/L	0.005910	0.6	1455.19	0.978043 mg/L	Y 371.029
Sb 206.834	0.831164	mg/L	0.009594	1.2	571.289	0.831164 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.008351	1.0	444.241	uncal mg/L	Y 371.029
Sb 259.804	0.791623	mg/L	0.016010	2.0	377.846	0.791623 mg/L	Y 371.029
Se 196.026	1.02436	mg/L	0.012178	1.2	340.896	1.02436 mg/L	Y 371.029
Se 203.985	1.03655	mg/L	0.015071	1.5	198.706	1.03655 mg/L	Y 371.029
Si 250.690	0.987717	mg/L	0.003253	0.3	1369.80	0.987717 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.002426	0.3	1589.57	uncal mg/L	Y 371.029
Si 288.158	0.981517	mg/L	0.007546	0.8	8381.95	0.981517 mg/L	Y 371.029
Sn 189.927	0.973189	mg/L	0.000672	0.1	299.330	0.973189 mg/L	Y 371.029
Sn 283.998	1.07657	mg/L	0.002801	0.3	2096.51	1.07657 mg/L	Y 371.029
Sr 216.596	0.495600	mg/L	0.000907	0.2	4915.07	0.495600 mg/L	Y 371.029
Sr 407.771	0.478474	mg/L	0.004488	0.9	1175802	0.478474 mg/L	Y 371.029
Sr 421.552	0.488678	mg/L	0.008229	1.7	733902	0.488678 mg/L	Y 371.029
Ti 334.941	0.496285	mg/L	0.002926	0.6	98864.0	0.496285 mg/L	Y 371.029
Ti 336.122	0.500605	mg/L	0.003066	0.6	42657.7	0.500605 mg/L	Y 371.029
Ti 337.280	0.498605	mg/L	0.002143	0.4	15044.7	0.498605 mg/L	Y 371.029
Tl 190.794	0.494445	mg/L	0.004175	0.8	188.994	0.494445 mg/L	Y 371.029
Tl 190.807	0.511838	mg/L	0.005992	1.2	104.150	0.511838 mg/L	Y 371.029
Tl 351.923	0.499966	mg/L	0.012097	2.4	696.607	0.499966 mg/L	Y 371.029
V 268.796	0.503757	mg/L	0.003169	0.6	5590.67	0.503757 mg/L	Y 371.029
V 292.401	0.488843	mg/L	0.000837	0.2	16550.5	0.488843 mg/L	Y 371.029
V 311.837	0.499331	mg/L	0.000870	0.2	22641.8	0.499331 mg/L	Y 371.029
Zn 202.548	0.502359	mg/L	0.001192	0.2	6392.92	0.502359 mg/L	Y 371.029
Zn 206.200	0.496183	mg/L	0.004077	0.8	1991.95	0.496183 mg/L	Y 371.029
Zn 213.857	0.496147	mg/L	0.002202	0.4	10466.5	0.496147 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21931	9777.38	76.227	0.8
Y 371.029	0.860223	141857	1110.533	0.8

SEQ-CCB1 (Samp) **4/7/2011, 4:16:22 PM** **Rack 1, Tube 9**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000707	mg/L	0.000333	47.1	748.057	0.000707 mg/L	Y 371.029
Ag 338.289	0.000284uv	mg/L	0.001088	383.6	-3.74587	0.000284 mg/L	Y 371.029
Al 237.312	0.007278	mg/L	0.003151	43.3	69.1113	0.007278 mg/L	Y 371.029
Al 257.509	0.005214	mg/L	0.004465	85.6	21.0479	0.005214 mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.004836	mg/L	0.001748	36.2	934.543	0.004836 mg/L	Y 371.029
As 188.980	0.009509	mg/L	0.001577	16.6	10.4891	0.009509 mg/L	Y 371.029
As 193.696	0.004255uv	mg/L	0.008682	204.0	5.11077	0.004255 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.009937	545.7	16.7217	uncal mg/L	Y 371.029
B 182.577	0.012579	mg/L	0.003518	28.0	11.5606	0.012579 mg/L	Y 371.029
B 249.678	0.013913	mg/L	0.001996	14.3	154.190	0.013913 mg/L	Y 371.029
B 249.772	0.014236	mg/L	0.002749	19.3	332.511	0.014236 mg/L	Y 371.029
Ba 233.527	0.000138	mg/L	0.000062	45.3	198.603	0.000138 mg/L	Y 371.029
Ba 455.403	0.000010uv	mg/L	0.000029	304.9	4136.97	0.000010 mg/L	Y 371.029
Ba 493.408	-0.000076uv	mg/L	0.000008	10.9	2491.10	-0.000076 mg/L	Y 371.029
Be 234.861	0.000027uv	mg/L	0.000028	104.4	0.898079	0.000027 mg/L	Y 371.029
Be 313.042	0.000015uv	mg/L	0.000015	99.3	1603.78	0.000015 mg/L	Y 371.029
Be 313.107	0.000022	mg/L	0.000010	47.3	101.022	0.000022 mg/L	Y 371.029
Ca 393.366	0.000039nuv	mg/L	0.000097	248.4	16853.3	0.000039 mg/L	Y 371.029
Ca 396.847	0.000018	mg/L	0.000046	259.3	23357.2	0.000018 mg/L	Y 371.029
Ca 430.253	-0.006222uv	mg/L	0.003341	53.7	1317.48	-0.006222 mg/L	Y 371.029
Cd 214.439	0.000170	mg/L	0.000058	34.3	4.76857	0.000170 mg/L	Y 371.029
Cd 226.502	-0.000002uv	mg/L	0.000031	1735.0	22.0569	-0.000002 mg/L	Y 371.029
Cd 228.802	0.000390	mg/L	0.000239	61.3	30.2074	0.000390 mg/L	Y 371.029
Co 228.615	0.000216uv	mg/L	0.000651	301.8	10.9141	0.000216 mg/L	Y 371.029
Co 230.786	0.000782uv	mg/L	0.001070	136.8	16.1059	0.000782 mg/L	Y 371.029
Co 238.892	0.000211	mg/L	0.000118	55.8	7.58407	0.000211 mg/L	Y 371.029
Cr 205.560	0.000552	mg/L	0.000292	53.0	5.83101	0.000552 mg/L	Y 371.029
Cr 206.158	-0.000126uv	mg/L	0.000549	435.2	2.16895	-0.000126 mg/L	Y 371.029
Cr 267.716	0.000161uv	mg/L	0.000290	180.5	31.2653	0.000161 mg/L	Y 371.029
Cu 213.598	0.000712	mg/L	0.000532	74.8	4.83019	0.000712 mg/L	Y 371.029
Cu 324.754	0.000290uv	mg/L	0.000381	131.2	600.999	0.000290 mg/L	Y 371.029
Cu 327.395	0.000371uv	mg/L	0.000646	174.0	56.4175	0.000371 mg/L	Y 371.029
Fe 234.350	0.001809	mg/L	0.000713	39.4	31.3709	0.001809 mg/L	Y 371.029
Fe 238.204	0.001942	mg/L	0.000706	36.3	69.0314	0.001942 mg/L	Y 371.029
Fe 259.940	0.002368	mg/L	0.000658	27.8	85.3609	0.002368 mg/L	Y 371.029
Ga 287.423	0.004359	mg/L	0.004815	110.5	22.2423	0.004359 mg/L	Y 371.029
Ga 294.363	0.003774	mg/L	0.000480	12.7	30.9435	0.003774 mg/L	Y 371.029
Ga 417.204	-0.000670uv	mg/L	0.001114	166.4	94.3735	-0.000670 mg/L	Y 371.029
K 766.491	0.000593	mg/L	0.000190	32.1	2439.70	0.000593 mg/L	Y 371.029
K 769.897	0.005120	mg/L	0.001052	20.6	13848.6	0.005120 mg/L	Y 371.029
Li 610.365	0.011767	mg/L	0.000065	0.6	23.3879	0.011767 mg/L	Y 371.029
Li 670.783	-0.000132uv	mg/L	0.000045	34.3	76500.8	-0.000132 mg/L	Y 371.029
Mg 279.078	0.005110	mg/L	0.000753	14.7	20.7189	0.005110 mg/L	Y 371.029
Mg 280.270	0.000102	mg/L	0.000059	57.6	350.619	0.000102 mg/L	Y 371.029
Mg 285.213	0.000387	mg/L	0.000025	6.5	93.8044	0.000387 mg/L	Y 371.029
Mn 257.610	-0.000053uv	mg/L	0.000019	35.3	3.08648	-0.000053 mg/L	Y 371.029
Mn 259.372	-0.000051	mg/L	0.000040	78.8	83.8806	-0.000051 mg/L	Y 371.029
Mn 260.568	0.000109uv	mg/L	0.000177	162.0	7.61199	0.000109 mg/L	Y 371.029
Mo 202.032	0.047584	mg/L	0.008294	17.4	212.754	0.047584 mg/L	Y 371.029
Mo 203.846	0.047705	mg/L	0.007630	16.0	82.9244	0.047705 mg/L	Y 371.029
Mo 204.598	0.046719	mg/L	0.007573	16.2	90.8789	0.046719 mg/L	Y 371.029
Na 568.821	0.432102	mg/L	0.042033	9.7	235.882	0.432102 mg/L	Y 371.029
Na 588.995	-0.174062uv	mg/L	0.001244	0.7	228269	-0.174062 mg/L	Y 371.029
Na 589.592	-0.040796uv	mg/L	0.000407	1.0	78189.7	-0.040796 mg/L	Y 371.029
Ni 216.555	0.000019uv	mg/L	0.000278	1475.7	5.86377	0.000019 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000605	mg/L	0.000527	87.1	3.90541	0.000605 mg/L	Y 371.029
Ni 231.604	-0.000345uv	mg/L	0.000863	249.9	8.19307	-0.000345 mg/L	Y 371.029
P 177.434	-0.004107uv	mg/L	0.004970	121.0	1.36127	-0.004107 mg/L	Y 371.029
P 213.618	-0.002550uv	mg/L	0.001989	78.0	0.669877	-0.002550 mg/L	Y 371.029
P 214.914	0.007330	mg/L	0.009288	126.7	2.67172	0.007330 mg/L	Y 371.029
Pb 220.353	0.000545uv	mg/L	0.001415	259.7	6.32270	0.000545 mg/L	Y 371.029
Pb 261.417	0.011030	mg/L	0.007873	71.4	27.9285	0.011030 mg/L	Y 371.029
Pb 405.781	0.002727	mg/L	0.001375	50.4	45.1173	0.002727 mg/L	Y 371.029
Sb 206.834	0.048450	mg/L	0.002230	4.6	45.2498	0.048450 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.000589	1.2	37.7260	uncal mg/L	Y 371.029
Sb 259.804	0.053770	mg/L	0.002993	5.6	33.2799	0.053770 mg/L	Y 371.029
Se 196.026	0.011231	mg/L	0.004023	35.8	9.89621	0.011231 mg/L	Y 371.029
Se 203.985	0.018884	mg/L	0.004331	22.9	7.11717	0.018884 mg/L	Y 371.029
Si 250.690	-0.003583uv	mg/L	0.008579	239.5	31.4240	-0.003583 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.002472	125.7	22.3617	uncal mg/L	Y 371.029
Si 288.158	-0.002756uv	mg/L	0.000961	34.9	894.912	-0.002756 mg/L	Y 371.029
Sn 189.927	0.003457	mg/L	0.001626	47.0	3.95289	0.003457 mg/L	Y 371.029
Sn 283.998	-0.000527uv	mg/L	0.001454	275.8	21.5568	-0.000527 mg/L	Y 371.029
Sr 216.596	0.000036uv	mg/L	0.000317	873.5	23.1662	0.000036 mg/L	Y 371.029
Sr 407.771	0.000010	mg/L	0.000008	82.2	5413.11	0.000010 mg/L	Y 371.029
Sr 421.552	0.000008	mg/L	0.000004	45.2	3103.38	0.000008 mg/L	Y 371.029
Ti 334.941	0.002623	mg/L	0.000809	30.9	699.375	0.002623 mg/L	Y 371.029
Ti 336.122	0.002850	mg/L	0.000857	30.1	294.670	0.002850 mg/L	Y 371.029
Ti 337.280	0.003393	mg/L	0.001006	29.7	85.2965	0.003393 mg/L	Y 371.029
Tl 190.794	0.002031	mg/L	0.002385	117.4	2.34501	0.002031 mg/L	Y 371.029
Tl 190.807	0.003961	mg/L	0.002276	57.5	1.13881	0.003961 mg/L	Y 371.029
Tl 351.923	-0.003953uv	mg/L	0.007860	198.9	15.1427	-0.003953 mg/L	Y 371.029
V 268.796	0.002835	mg/L	0.001447	51.0	112.775	0.002835 mg/L	Y 371.029
V 292.401	0.000144uv	mg/L	0.000291	202.1	37.0612	0.000144 mg/L	Y 371.029
V 311.837	0.000428	mg/L	0.000162	37.9	14.3591	0.000428 mg/L	Y 371.029
Zn 202.548	0.000732	mg/L	0.000330	45.2	804.187	0.000732 mg/L	Y 371.029
Zn 206.200	0.000746	mg/L	0.000264	35.4	252.996	0.000746 mg/L	Y 371.029
Zn 213.857	-0.000385uv	mg/L	0.000455	118.2	1300.41	-0.000385 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23536	9906.10	42.466	0.4
Y 371.029	0.875180	144323	606.257	0.4

11D0292-01 (Samp) **4/7/2011, 4:24:16 PM** **Rack 1, Tube 10**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.005862b	mg/L	0.000335	5.7	835.062	-0.005862 mg/L	Y 371.029
Ag 338.289	0.002030b	mg/L	0.001278	62.9	2.24129	0.002030 mg/L	Y 371.029
Al 237.312	0.381381b	mg/L	0.003307	0.9	599.874	0.381381 mg/L	Y 371.029
Al 257.509	0.340706b	mg/L	0.024627	7.2	266.210	0.340706 mg/L	Y 371.029
Al 308.215	0.445794b	mg/L	0.001219	0.3	3243.94	0.445794 mg/L	Y 371.029
As 188.980	0.028421b	mg/L	0.004912	17.3	9.87034	0.028421 mg/L	Y 371.029
As 193.696	0.021514b	mg/L	0.001601	7.4	6.38235	0.021514 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.012384	79.7	16.5502	uncal mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.005555b	mg/L	0.000435	7.8	35.3623	0.055548 mg/L	Y 371.029
Ni 231.604	0.005310b	mg/L	0.000871	16.4	56.0990	0.053101 mg/L	Y 371.029
P 177.434	0.008434b	mg/L	0.000813	9.6	2.90470	0.084344 mg/L	Y 371.029
P 213.618	-0.009938b	mg/L	0.001131	11.4	6.13808	-0.099383 mg/L	Y 371.029
P 214.914	0.012484b	mg/L	0.007977	63.9	4.75476	0.124838 mg/L	Y 371.029
Pb 220.353	5.53742b	mg/L	0.020367	0.4	7454.69	55.3742 mg/L	Y 371.029
Pb 261.417	5.23651b	mg/L	0.030214	0.6	2924.37	52.3651 mg/L	Y 371.029
Pb 405.781	5.61341b	mg/L	0.032444	0.6	8111.96	56.1341 mg/L	Y 371.029
Sb 206.834	-0.013373b	mg/L	0.000807	6.0	15.0370	-0.133726 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.003497	41.1	10.4862	uncal mg/L	Y 371.029
Sb 259.804	-0.003171b	mg/L	0.005806	183.1	17.4598	-0.031708 mg/L	Y 371.029
Se 196.026	0.003822uvb	mg/L	0.010372	271.4	5.94133	0.038221 mg/L	Y 371.029
Se 203.985	0.005008uvb	mg/L	0.005740	114.6	4.64106	0.050081 mg/L	Y 371.029
Si 250.690	0.294213b	mg/L	0.000680	0.2	447.697	2.94213 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.002365	0.8	515.082	uncal mg/L	Y 371.029
Si 288.158	0.310318b	mg/L	0.001565	0.5	3253.70	3.10318 mg/L	Y 371.029
Sn 189.927	-0.001328uvb	mg/L	0.004501	338.8	3.35863	-0.013283 mg/L	Y 371.029
Sn 283.998	0.006941b	mg/L	0.007570	109.1	149.715	0.069407 mg/L	Y 371.029
Sr 216.596	0.002950b	mg/L	0.000130	4.4	71.2100	0.029496 mg/L	Y 371.029
Sr 407.771	0.004347b	mg/L	0.000040	0.9	16302.7	0.043475 mg/L	Y 371.029
Sr 421.552	0.004296b	mg/L	0.000041	0.9	9746.09	0.042956 mg/L	Y 371.029
Ti 334.941	0.006331b	mg/L	0.000621	9.8	1533.57	0.063312 mg/L	Y 371.029
Ti 336.122	0.006068b	mg/L	0.000828	13.6	618.417	0.060685 mg/L	Y 371.029
Ti 337.280	0.006106b	mg/L	0.000483	7.9	194.666	0.061062 mg/L	Y 371.029
Tl 190.794	0.006985b	mg/L	0.000874	12.5	3.33518	0.069854 mg/L	Y 371.029
Tl 190.807	0.008683b	mg/L	0.007806	89.9	3.01311	0.086826 mg/L	Y 371.029
Tl 351.923	-0.000966uvb	mg/L	0.009448	978.2	9.77511	-0.009658 mg/L	Y 371.029
V 268.796	-0.015055b	mg/L	0.000962	6.4	39.0756	-0.150555 mg/L	Y 371.029
V 292.401	-0.001964uvb	mg/L	0.000065	3.3	31.0942	-0.019640 mg/L	Y 371.029
V 311.837	-0.001192b	mg/L	0.000166	14.0	13.9619	-0.011915 mg/L	Y 371.029
Zn 202.548	0.039086b	mg/L	0.000503	1.3	1431.07	0.390864 mg/L	Y 371.029
Zn 206.200	0.037331b	mg/L	0.000734	2.0	444.182	0.373313 mg/L	Y 371.029
Zn 213.857	0.038294b	mg/L	0.000675	1.8	2348.82	0.382938 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.19800	9606.51	66.035	0.7
Y 371.029	0.837304	138077	984.115	0.7

SEQ-CCV9 (Samp) **4/8/2011, 4:20:02 PM** **Rack 3, Tube 15**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.097014	mg/L	0.000259	0.3	5433.24	0.097014 mg/L	Y 371.029
Ag 338.289	0.095378	mg/L	0.001445	1.5	270.094	0.095378 mg/L	Y 371.029
Al 237.312	2.51868	mg/L	0.017470	0.7	3429.42	2.51868 mg/L	Y 371.029
Al 257.509	2.50859	mg/L	0.020946	0.8	1569.03	2.50859 mg/L	Y 371.029
Al 308.215	2.51406	mg/L	0.007709	0.3	16147.3	2.51406 mg/L	Y 371.029
As 188.980	0.482335	mg/L	0.002806	0.6	198.646	0.482335 mg/L	Y 371.029
As 193.696	0.472660	mg/L	0.004778	1.0	218.784	0.472660 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.019773	2.7	664.124	uncal mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.489931	mg/L	0.010990	2.2	264.119	0.489931 mg/L	Y 371.029
B 249.678	0.480738	mg/L	0.007782	1.6	4234.77	0.480738 mg/L	Y 371.029
B 249.772	0.483612	mg/L	0.014738	3.0	9051.67	0.483612 mg/L	Y 371.029
Ba 233.527	0.489838	mg/L	0.003637	0.7	19993.6	0.489838 mg/L	Y 371.029
Ba 455.403	0.515453	mg/L	0.001420	0.3	460958	0.515453 mg/L	Y 371.029
Ba 493.408	0.510293	mg/L	0.001419	0.3	268117	0.510293 mg/L	Y 371.029
Be 234.861	0.499937	mg/L	0.001871	0.4	57803.9	0.499937 mg/L	Y 371.029
Be 313.042	0.492758	mg/L	0.001110	0.2	826239	0.492758 mg/L	Y 371.029
Be 313.107	0.493612	mg/L	0.001557	0.3	393138	0.493612 mg/L	Y 371.029
Ca 393.366	4.82003n	mg/L	0.009541	0.2	6242100	4.82003 mg/L	Y 371.029
Ca 396.847	4.59390	mg/L	0.012726	0.3	8747673	4.59390 mg/L	Y 371.029
Ca 430.253	4.86271	mg/L	0.005970	0.1	24169.2	4.86271 mg/L	Y 371.029
Cd 214.439	0.250593	mg/L	0.001039	0.4	5670.76	0.250593 mg/L	Y 371.029
Cd 226.502	0.243097	mg/L	0.001124	0.5	9783.38	0.243097 mg/L	Y 371.029
Cd 228.802	0.249380	mg/L	0.000106	0.0	3893.06	0.249380 mg/L	Y 371.029
Co 228.615	0.498943	mg/L	0.002852	0.6	4935.10	0.498943 mg/L	Y 371.029
Co 230.786	0.495504	mg/L	0.001736	0.4	3272.11	0.495504 mg/L	Y 371.029
Co 238.892	0.497999	mg/L	0.002077	0.4	3027.38	0.497999 mg/L	Y 371.029
Cr 205.560	0.497949	mg/L	0.003350	0.7	2177.13	0.497949 mg/L	Y 371.029
Cr 206.158	0.495257	mg/L	0.002488	0.5	890.966	0.495257 mg/L	Y 371.029
Cr 267.716	0.494296	mg/L	0.001133	0.2	10939.5	0.494296 mg/L	Y 371.029
Cu 213.598	0.500987	mg/L	0.004526	0.9	2237.07	0.500987 mg/L	Y 371.029
Cu 324.754	0.504466	mg/L	0.001214	0.2	17765.6	0.504466 mg/L	Y 371.029
Cu 327.395	0.503299	mg/L	0.001525	0.3	21724.1	0.503299 mg/L	Y 371.029
Fe 234.350	0.489818	mg/L	0.002130	0.4	4698.36	0.489818 mg/L	Y 371.029
Fe 238.204	0.487683	mg/L	0.003308	0.7	9810.94	0.487683 mg/L	Y 371.029
Fe 259.940	0.486191	mg/L	0.003165	0.7	7800.23	0.486191 mg/L	Y 371.029
Ga 287.423	0.499976	mg/L	0.005848	1.2	1233.81	0.499976 mg/L	Y 371.029
Ga 294.363	0.498970	mg/L	0.000886	0.2	3209.84	0.498970 mg/L	Y 371.029
Ga 417.204	0.506505	mg/L	0.002616	0.5	5279.87	0.506505 mg/L	Y 371.029
K 766.491	5.12139	mg/L	0.013779	0.3	412959	5.12139 mg/L	Y 371.029
K 769.897	5.08940	mg/L	0.014903	0.3	321890	5.08940 mg/L	Y 371.029
Li 610.365	1.01265	mg/L	0.001062	0.1	51367.4	1.01265 mg/L	Y 371.029
Li 670.783	1.03586	mg/L	0.002664	0.3	3838105	1.03586 mg/L	Y 371.029
Mg 279.078	4.90009	mg/L	0.018298	0.4	8769.51	4.90009 mg/L	Y 371.029
Mg 280.270	5.59860	mg/L	0.015729	0.3	539136	5.59860 mg/L	Y 371.029
Mg 285.213	5.00470	mg/L	0.060506	1.2	185640	5.00470 mg/L	Y 371.029
Mn 257.610	0.494259	mg/L	0.003990	0.8	76327.5	0.494259 mg/L	Y 371.029
Mn 259.372	0.493701	mg/L	0.003524	0.7	56736.4	0.493701 mg/L	Y 371.029
Mn 260.568	0.509242	mg/L	0.002689	0.5	10101.6	0.509242 mg/L	Y 371.029
Mo 202.032	0.965391	mg/L	0.020604	2.1	3564.79	0.965391 mg/L	Y 371.029
Mo 203.846	0.954026	mg/L	0.019408	2.0	1442.00	0.954026 mg/L	Y 371.029
Mo 204.598	0.958625	mg/L	0.024130	2.5	1696.22	0.958625 mg/L	Y 371.029
Na 568.821	4.78706	mg/L	0.067407	1.4	1494.41	4.78706 mg/L	Y 371.029
Na 588.995	5.32508	mg/L	0.082466	1.5	3655275	5.32508 mg/L	Y 371.029
Na 589.592	5.04259	mg/L	0.019376	0.4	1841962	5.04259 mg/L	Y 371.029
Ni 216.555	0.993683	mg/L	0.003139	0.3	5794.62	0.993683 mg/L	Y 371.029
Ni 221.648	1.00535	mg/L	0.000330	0.0	2317.97	1.00535 mg/L	Y 371.029
Ni 231.604	0.994794	mg/L	0.001363	0.1	3755.69	0.994794 mg/L	Y 371.029
P 177.434	0.475691	mg/L	0.003264	0.7	83.6612	0.475691 mg/L	Y 371.029
P 213.618	0.498134	mg/L	0.007127	1.4	373.910	0.498134 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.504295	mg/L	0.012332	2.4	116.952	0.504295 mg/L	Y 371.029
Pb 220.353	0.990456	mg/L	0.006611	0.7	1338.22	0.990456 mg/L	Y 371.029
Pb 261.417	0.998303	mg/L	0.004347	0.4	570.423	0.998303 mg/L	Y 371.029
Pb 405.781	0.994328	mg/L	0.000910	0.1	1478.18	0.994328 mg/L	Y 371.029
Sb 206.834	0.800968	mg/L	0.011593	1.4	551.125	0.800968 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.000399	0.0	435.664	uncal mg/L	Y 371.029
Sb 259.804	0.761244	mg/L	0.008526	1.1	363.818	0.761244 mg/L	Y 371.029
Se 196.026	0.957998	mg/L	0.036972	3.9	319.248	0.957998 mg/L	Y 371.029
Se 203.985	0.972367	mg/L	0.037592	3.9	187.323	0.972367 mg/L	Y 371.029
Si 250.690	0.995945	mg/L	0.009309	0.9	1381.08	0.995945 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.004441	0.5	1595.23	uncal mg/L	Y 371.029
Si 288.158	0.978776	mg/L	0.005251	0.5	8363.31	0.978776 mg/L	Y 371.029
Sn 189.927	0.960244	mg/L	0.011711	1.2	295.388	0.960244 mg/L	Y 371.029
Sn 283.998	1.08006	mg/L	0.001719	0.2	2102.28	1.08006 mg/L	Y 371.029
Sr 216.596	0.502322	mg/L	0.000727	0.1	4981.40	0.502322 mg/L	Y 371.029
Sr 407.771	0.493264	mg/L	0.004664	0.9	1211975	0.493264 mg/L	Y 371.029
Sr 421.552	0.496497	mg/L	0.002596	0.5	745596	0.496497 mg/L	Y 371.029
Ti 334.941	0.485103	mg/L	0.003738	0.8	96646.6	0.485103 mg/L	Y 371.029
Ti 336.122	0.489448	mg/L	0.003063	0.6	41710.4	0.489448 mg/L	Y 371.029
Ti 337.280	0.493775	mg/L	0.003472	0.7	14899.1	0.493775 mg/L	Y 371.029
Tl 190.794	0.489047	mg/L	0.003225	0.7	186.972	0.489047 mg/L	Y 371.029
Tl 190.807	0.501473	mg/L	0.015598	3.1	101.739	0.501473 mg/L	Y 371.029
Tl 351.923	0.494064	mg/L	0.006697	1.4	688.702	0.494064 mg/L	Y 371.029
V 268.796	0.502720	mg/L	0.006098	1.2	5399.78	0.502720 mg/L	Y 371.029
V 292.401	0.499256	mg/L	0.001490	0.3	16902.3	0.499256 mg/L	Y 371.029
V 311.837	0.509720	mg/L	0.001462	0.3	23112.4	0.509720 mg/L	Y 371.029
Zn 202.548	0.499022	mg/L	0.001103	0.2	6355.64	0.499022 mg/L	Y 371.029
Zn 206.200	0.493279	mg/L	0.002457	0.5	1981.61	0.493279 mg/L	Y 371.029
Zn 213.857	0.503134	mg/L	0.003730	0.7	10593.6	0.503134 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18458	9498.92	94.121	1.0
Y 371.029	0.842301	138901	1422.721	1.0

SEQ-CCB9 (Samp) **4/8/2011, 4:24:14 PM** **Rack 3, Tube 16**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000015uv	mg/L	0.000237	1566.0	712.590	-0.000015 mg/L	Y 371.029
Ag 338.289	0.002265	mg/L	0.000974	43.0	2.14806	0.002265 mg/L	Y 371.029
Al 237.312	0.004662	mg/L	0.005218	111.9	65.5851	0.004662 mg/L	Y 371.029
Al 257.509	-0.006353uv	mg/L	0.009381	147.7	13.8967	-0.006353 mg/L	Y 371.029
Al 308.215	0.001776	mg/L	0.001182	66.5	914.907	0.001776 mg/L	Y 371.029
As 188.980	0.002940	mg/L	0.003012	102.4	7.87062	0.002940 mg/L	Y 371.029
As 193.696	0.000783uv	mg/L	0.003685	470.5	3.53015	0.000783 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.008081	420.1	14.1654	uncal mg/L	Y 371.029
B 182.577	0.002028	mg/L	0.001496	73.7	5.98880	0.002028 mg/L	Y 371.029
B 249.678	0.002317	mg/L	0.001138	49.1	53.0838	0.002317 mg/L	Y 371.029
B 249.772	0.003375	mg/L	0.001091	32.3	131.069	0.003375 mg/L	Y 371.029
Ba 233.527	0.000065uv	mg/L	0.000127	194.1	195.643	0.000065 mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.000094	mg/L	0.000021	22.5	4212.36	0.000094 mg/L	Y 371.029
Ba 493.408	-0.000070uv	mg/L	0.000026	36.4	2494.13	-0.000070 mg/L	Y 371.029
Be 234.861	-0.000003uv	mg/L	0.000022	755.3	-2.52652	-0.000003 mg/L	Y 371.029
Be 313.042	0.000094	mg/L	0.000010	11.1	1737.28	0.000094 mg/L	Y 371.029
Be 313.107	-0.000005uv	mg/L	0.000014	303.7	79.9513	-0.000005 mg/L	Y 371.029
Ca 393.366	0.000939n	mg/L	0.000062	6.6	18002.8	0.000939 mg/L	Y 371.029
Ca 396.847	0.000779	mg/L	0.000061	7.9	24776.0	0.000779 mg/L	Y 371.029
Ca 430.253	-0.033366uv	mg/L	0.010132	30.4	1190.06	-0.033366 mg/L	Y 371.029
Cd 214.439	0.000205	mg/L	0.000108	52.8	5.57097	0.000205 mg/L	Y 371.029
Cd 226.502	-0.000095uv	mg/L	0.000153	161.3	18.3169	-0.000095 mg/L	Y 371.029
Cd 228.802	-0.000175uv	mg/L	0.000215	123.0	21.4193	-0.000175 mg/L	Y 371.029
Co 228.615	0.000398uv	mg/L	0.000580	145.5	12.7429	0.000398 mg/L	Y 371.029
Co 230.786	0.000437uv	mg/L	0.000945	216.3	13.7853	0.000437 mg/L	Y 371.029
Co 238.892	-0.000189uv	mg/L	0.000451	238.3	5.14395	-0.000189 mg/L	Y 371.029
Cr 205.560	0.000390	mg/L	0.000060	15.3	5.10715	0.000390 mg/L	Y 371.029
Cr 206.158	-0.000322uv	mg/L	0.000414	128.4	1.81751	-0.000322 mg/L	Y 371.029
Cr 267.716	-0.000129uv	mg/L	0.000253	196.0	24.8498	-0.000129 mg/L	Y 371.029
Cu 213.598	0.000448	mg/L	0.000271	60.5	3.30362	0.000448 mg/L	Y 371.029
Cu 324.754	0.000239uv	mg/L	0.000292	122.1	599.285	0.000239 mg/L	Y 371.029
Cu 327.395	0.000670	mg/L	0.000611	91.2	69.2843	0.000670 mg/L	Y 371.029
Fe 234.350	-0.000300uv	mg/L	0.000674	224.9	12.1166	-0.000300 mg/L	Y 371.029
Fe 238.204	-0.000288uv	mg/L	0.000430	149.5	25.0640	-0.000288 mg/L	Y 371.029
Fe 259.940	0.000332	mg/L	0.000234	70.4	53.2788	0.000332 mg/L	Y 371.029
Ga 287.423	0.002738uv	mg/L	0.004423	161.6	18.3527	0.002738 mg/L	Y 371.029
Ga 294.363	0.002247	mg/L	0.000873	38.8	21.1255	0.002247 mg/L	Y 371.029
Ga 417.204	0.000335uv	mg/L	0.000533	159.1	102.964	0.000335 mg/L	Y 371.029
K 766.491	0.001398	mg/L	0.000160	11.5	2502.62	0.001398 mg/L	Y 371.029
K 769.897	-0.003578uv	mg/L	0.001304	36.4	13317.9	-0.003578 mg/L	Y 371.029
Li 610.365	0.011626	mg/L	0.000050	0.4	16.1431	0.011626 mg/L	Y 371.029
Li 670.783	-0.000215uv	mg/L	0.000026	12.1	76192.8	-0.000215 mg/L	Y 371.029
Mg 279.078	0.002057uv	mg/L	0.002672	129.9	15.2949	0.002057 mg/L	Y 371.029
Mg 280.270	0.001622	mg/L	0.000076	4.7	496.611	0.001622 mg/L	Y 371.029
Mg 285.213	0.001634	mg/L	0.000109	6.7	139.899	0.001634 mg/L	Y 371.029
Mn 257.610	-0.000062uv	mg/L	0.000003	5.4	0.590623	-0.000062 mg/L	Y 371.029
Mn 259.372	-0.000068	mg/L	0.000031	45.2	63.7828	-0.000068 mg/L	Y 371.029
Mn 260.568	0.000141	mg/L	0.000117	82.8	8.21303	0.000141 mg/L	Y 371.029
Mo 202.032	0.017194	mg/L	0.002392	13.9	101.992	0.017194 mg/L	Y 371.029
Mo 203.846	0.017889	mg/L	0.002863	16.0	38.3061	0.017889 mg/L	Y 371.029
Mo 204.598	0.017533	mg/L	0.002021	11.5	39.6011	0.017533 mg/L	Y 371.029
Na 568.821	0.279097	mg/L	0.007657	2.7	192.292	0.279097 mg/L	Y 371.029
Na 588.995	-0.193191uv	mg/L	0.000647	0.3	216351	-0.193191 mg/L	Y 371.029
Na 589.592	-0.047048uv	mg/L	0.000433	0.9	76014.1	-0.047048 mg/L	Y 371.029
Ni 216.555	-0.000156uv	mg/L	0.000506	325.3	4.85185	-0.000156 mg/L	Y 371.029
Ni 221.648	0.000653	mg/L	0.000830	127.2	4.00652	0.000653 mg/L	Y 371.029
Ni 231.604	-0.001427uv	mg/L	0.000401	28.1	4.11658	-0.001427 mg/L	Y 371.029
P 177.434	0.002733uv	mg/L	0.008471	310.0	2.53090	0.002733 mg/L	Y 371.029
P 213.618	-0.001234uv	mg/L	0.001728	140.1	1.57121	-0.001234 mg/L	Y 371.029
P 214.914	0.004796	mg/L	0.003036	63.3	2.06906	0.004796 mg/L	Y 371.029
Pb 220.353	0.000275uv	mg/L	0.003471	1261.3	5.95696	0.000275 mg/L	Y 371.029
Pb 261.417	0.001385uv	mg/L	0.003133	226.3	22.5970	0.001385 mg/L	Y 371.029
Pb 405.781	0.006245	mg/L	0.005419	86.8	50.0623	0.006245 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.024776	mg/L	0.001630	6.6	29.4407	0.024776 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.004730	26.4	22.8400	uncal mg/L	Y 371.029
Sb 259.804	0.036911	mg/L	0.011242	30.5	25.4622	0.036911 mg/L	Y 371.029
Se 196.026	0.007830	mg/L	0.005396	68.9	8.78665	0.007830 mg/L	Y 371.029
Se 203.985	0.006872	mg/L	0.003041	44.3	4.98044	0.006872 mg/L	Y 371.029
Si 250.690	-0.010715uv	mg/L	0.005386	50.3	21.8623	-0.010715 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.001729	202.7	17.2575	uncal mg/L	Y 371.029
Si 288.158	-0.007533uv	mg/L	0.001119	14.9	858.896	-0.007533 mg/L	Y 371.029
Sn 189.927	0.003596	mg/L	0.002288	63.6	3.99461	0.003596 mg/L	Y 371.029
Sn 283.998	-0.000022uv	mg/L	0.001635	7596.4	21.9867	-0.000022 mg/L	Y 371.029
Sr 216.596	-0.000133uv	mg/L	0.000346	261.0	21.5001	-0.000133 mg/L	Y 371.029
Sr 407.771	0.000013	mg/L	0.000005	39.6	5420.35	0.000013 mg/L	Y 371.029
Sr 421.552	-0.000002uv	mg/L	0.000015	750.7	3088.47	-0.000002 mg/L	Y 371.029
Ti 334.941	0.000793	mg/L	0.000314	39.6	336.150	0.000793 mg/L	Y 371.029
Ti 336.122	0.000644	mg/L	0.000037	5.7	107.125	0.000644 mg/L	Y 371.029
Ti 337.280	0.001386	mg/L	0.000225	16.2	24.6921	0.001386 mg/L	Y 371.029
Tl 190.794	0.002530	mg/L	0.003233	127.8	2.53501	0.002530 mg/L	Y 371.029
Tl 190.807	0.006495	mg/L	0.002389	36.8	1.58347	0.006495 mg/L	Y 371.029
Tl 351.923	0.002108uv	mg/L	0.011655	553.0	23.3409	0.002108 mg/L	Y 371.029
V 268.796	0.001239	mg/L	0.000813	65.6	66.0422	0.001239 mg/L	Y 371.029
V 292.401	0.000019uv	mg/L	0.000153	814.5	32.8435	0.000019 mg/L	Y 371.029
V 311.837	0.000468	mg/L	0.000203	43.3	16.1406	0.000468 mg/L	Y 371.029
Zn 202.548	0.000712	mg/L	0.000580	81.4	803.680	0.000712 mg/L	Y 371.029
Zn 206.200	0.000387uv	mg/L	0.000542	139.9	251.639	0.000387 mg/L	Y 371.029
Zn 213.857	0.001427	mg/L	0.000121	8.5	1332.78	0.001427 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24494	9982.87	39.634	0.4
Y 371.029	0.884452	145852	626.232	0.4

11C1255-02 (Samp) **4/8/2011, 5:34:47 PM** **Rack 3, Tube 17**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000944	mg/L	0.000471	49.9	757.896	-0.009444 mg/L	Y 371.029
Ag 338.289	0.001553uv	mg/L	0.002367	152.5	0.290223	0.015529 mg/L	Y 371.029
Al 237.312	-0.002079uv	mg/L	0.003503	168.5	64.2632	-0.020792 mg/L	Y 371.029
Al 257.509	0.001009uv	mg/L	0.017860	1770.5	27.1786	0.010087 mg/L	Y 371.029
Al 308.215	0.021407	mg/L	0.001843	8.6	950.975	0.214067 mg/L	Y 371.029
As 188.980	0.008725	mg/L	0.001857	21.3	8.28988	0.087255 mg/L	Y 371.029
As 193.696	0.006966	mg/L	0.002825	40.6	4.97137	0.069657 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006440	306.3	14.1957	uncal mg/L	Y 371.029
B 182.577	0.007909	mg/L	0.002536	32.1	9.26389	0.079085 mg/L	Y 371.029
B 249.678	0.003883	mg/L	0.000292	7.5	78.8293	0.038826 mg/L	Y 371.029
B 249.772	0.005581	mg/L	0.000230	4.1	198.874	0.055805 mg/L	Y 371.029
Ba 233.527	0.011918	mg/L	0.000129	1.1	688.547	0.119184 mg/L	Y 371.029
Ba 455.403	0.012580	mg/L	0.000109	0.9	15395.1	0.125798 mg/L	Y 371.029
Ba 493.408	0.012168	mg/L	0.000107	0.9	8985.99	0.121682 mg/L	Y 371.029
Be 234.861	0.000249	mg/L	0.000050	19.9	22.3251	0.002492 mg/L	Y 371.029
Be 313.042	0.000522	mg/L	0.000018	3.5	2441.51	0.005221 mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000415	mg/L	0.000010	2.3	421.003	0.004148 mg/L	Y 371.029
Ca 393.366	4.46694n	mg/L	0.103611	2.3	5788866	44.6694 mg/L	Y 371.029
Ca 396.847	4.11965	mg/L	0.052437	1.3	7849488	41.1965 mg/L	Y 371.029
Ca 430.253	4.46928	mg/L	0.049605	1.1	22513.5	44.6928 mg/L	Y 371.029
Cd 214.439	0.000293	mg/L	0.000087	29.8	7.58379	0.002927 mg/L	Y 371.029
Cd 226.502	-0.000082uv	mg/L	0.000105	127.3	24.3768	-0.000822 mg/L	Y 371.029
Cd 228.802	-0.000001uv	mg/L	0.000403	57642.6	23.5150	-0.000007 mg/L	Y 371.029
Co 228.615	0.000724	mg/L	0.000252	34.8	15.2956	0.007237 mg/L	Y 371.029
Co 230.786	0.001053	mg/L	0.001123	106.6	18.6799	0.010532 mg/L	Y 371.029
Co 238.892	-0.000256uv	mg/L	0.000192	75.3	2.06281	-0.002555 mg/L	Y 371.029
Cr 205.560	0.000033	mg/L	0.000280	852.8	5.36840	0.000329 mg/L	Y 371.029
Cr 206.158	-0.001375uv	mg/L	0.000316	23.0	1.02736	-0.013749 mg/L	Y 371.029
Cr 267.716	-0.000695uv	mg/L	0.000315	45.4	22.9001	-0.006948 mg/L	Y 371.029
Cu 213.598	-0.001024	mg/L	0.000578	56.5	5.22721	-0.010244 mg/L	Y 371.029
Cu 324.754	0.002292	mg/L	0.000318	13.9	606.999	0.022924 mg/L	Y 371.029
Cu 327.395	-0.000631	mg/L	0.000091	14.4	45.8493	-0.006315 mg/L	Y 371.029
Fe 234.350	1.00512	mg/L	0.007607	0.8	9119.21	10.0512 mg/L	Y 371.029
Fe 238.204	0.998992	mg/L	0.005540	0.6	19539.1	9.98992 mg/L	Y 371.029
Fe 259.940	0.997340	mg/L	0.010011	1.0	15549.9	9.97340 mg/L	Y 371.029
Ga 287.423	-0.003067	mg/L	0.003315	108.1	27.0540	-0.030669 mg/L	Y 371.029
Ga 294.363	0.002260	mg/L	0.001251	55.3	27.1024	0.022603 mg/L	Y 371.029
Ga 417.204	-0.000186uv	mg/L	0.000820	441.2	104.655	-0.001859 mg/L	Y 371.029
K 766.491	1.38847	mg/L	0.013213	1.0	114091	13.8847 mg/L	Y 371.029
K 769.897	1.37592	mg/L	0.015856	1.2	97745.5	13.7592 mg/L	Y 371.029
Li 610.365	0.010905	mg/L	0.000144	1.3	-20.8283	0.109051 mg/L	Y 371.029
Li 670.783	0.001523	mg/L	0.000157	10.3	86005.1	0.015227 mg/L	Y 371.029
Mg 279.078	7.89202	mg/L	0.074039	0.9	14117.9	78.9202 mg/L	Y 371.029
Mg 280.270	8.67757	mg/L	0.084565	1.0	835371	86.7757 mg/L	Y 371.029
Mg 285.213	8.22651	mg/L	0.108643	1.3	305093	82.2651 mg/L	Y 371.029
Mn 257.610	0.602211	mg/L	0.009821	1.6	91746.3	6.02211 mg/L	Y 371.029
Mn 259.372	0.594665	mg/L	0.007334	1.2	67588.1	5.94665 mg/L	Y 371.029
Mn 260.568	0.611168	mg/L	0.004669	0.8	12106.5	6.11168 mg/L	Y 371.029
Mo 202.032	-0.042674uv	mg/L	0.000716	1.7	32.1435	-0.426743 mg/L	Y 371.029
Mo 203.846	-0.043755uv	mg/L	0.000866	2.0	9.35486	-0.437548 mg/L	Y 371.029
Mo 204.598	-0.043994uv	mg/L	0.000955	2.2	7.41321	-0.439940 mg/L	Y 371.029
Na 568.821	68.1935	mg/L	0.650616	1.0	19490.7	681.935 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.701202	1.4	30517702	- mg/L	Y 371.029
Na 589.592	59.3657	mg/L	0.680603	1.1	20652046	593.657 mg/L	Y 371.029
Ni 216.555	-0.001077uv	mg/L	0.000150	13.9	5.65885	-0.010774 mg/L	Y 371.029
Ni 221.648	-0.000719	mg/L	0.000056	7.8	3.69842	-0.007187 mg/L	Y 371.029
Ni 231.604	-0.001032uv	mg/L	0.001147	111.1	9.70511	-0.010322 mg/L	Y 371.029
P 177.434	-0.001535uv	mg/L	0.002731	178.0	1.40957	-0.015345 mg/L	Y 371.029
P 213.618	-0.004665uv	mg/L	0.003664	78.5	3.47136	-0.046647 mg/L	Y 371.029
P 214.914	0.000817uv	mg/L	0.008724	1067.3	1.34937	0.008173 mg/L	Y 371.029
Pb 220.353	-0.000851uv	mg/L	0.001573	185.0	5.19520	-0.008505 mg/L	Y 371.029
Pb 261.417	-0.019210uv	mg/L	0.004007	20.9	20.2216	-0.192097 mg/L	Y 371.029
Pb 405.781	0.018359	mg/L	0.005833	31.8	85.5343	0.183592 mg/L	Y 371.029
Sb 206.834	-0.013846uv	mg/L	0.003858	27.9	8.27843	-0.138465 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.012152	290.4	13.9653	uncal mg/L	Y 371.029
Sb 259.804	-0.000321uv	mg/L	0.003419	1064.7	7.31033	-0.003211 mg/L	Y 371.029
Se 196.026	0.001740uv	mg/L	0.005181	297.8	6.51843	0.017400 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	-0.013766uv	mg/L	0.005197	37.8	0.550519	-0.137663 mg/L	Y 371.029
Si 250.690	1.95732	mg/L	0.028577	1.5	2666.51	19.5732 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.005894	0.3	3095.21	uncal mg/L	Y 371.029
Si 288.158	1.94571	mg/L	0.011635	0.6	15722.3	19.4571 mg/L	Y 371.029
Sn 189.927	0.001207uv	mg/L	0.004608	381.9	3.57987	0.012068 mg/L	Y 371.029
Sn 283.998	-0.008333uv	mg/L	0.001896	22.8	17.0061	-0.083326 mg/L	Y 371.029
Sr 216.596	0.043868	mg/L	0.000170	0.4	458.816	0.438682 mg/L	Y 371.029
Sr 407.771	0.042760	mg/L	0.000567	1.3	110383	0.427598 mg/L	Y 371.029
Sr 421.552	0.043233	mg/L	0.000468	1.1	68013.7	0.432331 mg/L	Y 371.029
Ti 334.941	-0.000354uv	mg/L	0.000185	52.4	124.118	-0.003536 mg/L	Y 371.029
Ti 336.122	-0.000257uv	mg/L	0.000038	14.6	40.9035	-0.002565 mg/L	Y 371.029
Ti 337.280	0.000673	mg/L	0.000342	50.8	13.3990	0.006727 mg/L	Y 371.029
Tl 190.794	0.003387	mg/L	0.001423	42.0	2.80758	0.033873 mg/L	Y 371.029
Tl 190.807	0.003352	mg/L	0.003142	93.7	1.03749	0.033522 mg/L	Y 371.029
Tl 351.923	0.000237uv	mg/L	0.005229	2204.8	17.0655	0.002372 mg/L	Y 371.029
V 268.796	-0.005404uv	mg/L	0.000649	12.0	37.5550	-0.054043 mg/L	Y 371.029
V 292.401	-0.000194uv	mg/L	0.000169	86.7	36.6964	-0.001944 mg/L	Y 371.029
V 311.837	0.000227	mg/L	0.000067	29.5	13.7683	0.002266 mg/L	Y 371.029
Zn 202.548	-0.008365	mg/L	0.000545	6.5	801.419	-0.083645 mg/L	Y 371.029
Zn 206.200	-0.006686	mg/L	0.000905	13.5	258.702	-0.066859 mg/L	Y 371.029
Zn 213.857	-0.007010	mg/L	0.000580	8.3	1347.17	-0.070099 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.20418	9656.08	108.300	1.1
Y 371.029	0.846733	139632	1709.287	1.2

1115076-PS1 (Samp) **4/8/2011, 5:38:43 PM** **Rack 3, Tube 18**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.503706	mg/L	0.011559	2.3	25298.4	5.03706 mg/L	Y 371.029
Ag 338.289	0.524028	mg/L	0.010823	2.1	1533.50	5.24028 mg/L	Y 371.029
Al 237.312	5.02634	mg/L	0.102471	2.0	6789.03	50.2634 mg/L	Y 371.029
Al 257.509	5.03588	mg/L	0.135438	2.7	3141.10	50.3588 mg/L	Y 371.029
Al 308.215	5.11843	mg/L	0.125552	2.5	31812.1	51.1843 mg/L	Y 371.029
As 188.980	0.998891	mg/L	0.015400	1.5	402.515	9.98891 mg/L	Y 371.029
As 193.696	0.991412	mg/L	0.031579	3.2	454.420	9.91412 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.093997	6.2	1866.40	uncal mg/L	Y 371.029
B 182.577	1.02902	mg/L	0.013781	1.3	549.607	10.2902 mg/L	Y 371.029
B 249.678	1.00240	mg/L	0.020571	2.1	8810.77	10.0240 mg/L	Y 371.029
B 249.772	1.01865	mg/L	0.019227	1.9	19085.1	10.1865 mg/L	Y 371.029
Ba 233.527	1.01395	mg/L	0.024196	2.4	41194.8	10.1395 mg/L	Y 371.029
Ba 455.403	1.02243	mg/L	0.024325	2.4	910422	10.2243 mg/L	Y 371.029
Ba 493.408	1.01795	mg/L	0.023926	2.4	532483	10.1795 mg/L	Y 371.029
Be 234.861	1.01084	mg/L	0.025563	2.5	116848	10.1084 mg/L	Y 371.029
Be 313.042	1.01457	mg/L	0.022290	2.2	1699522	10.1457 mg/L	Y 371.029
Be 313.107	1.01916	mg/L	0.022854	2.2	811626	10.1916 mg/L	Y 371.029
Ca 393.366	12.8132n	mg/L	0.337164	2.6	16570100	128.132 mg/L	Y 371.029
Ca 396.847	12.9141	mg/L	0.362207	2.8	24551962	129.141 mg/L	Y 371.029
Ca 430.253	14.2485	mg/L	0.334661	2.3	68423.7	142.485 mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	1.01070	mg/L	0.017249	1.7	22868.8	10.1070 mg/L	Y 371.029
Cd 226.502	0.990299	mg/L	0.023805	2.4	39791.2	9.90299 mg/L	Y 371.029
Cd 228.802	0.991817	mg/L	0.017320	1.7	15408.4	9.91817 mg/L	Y 371.029
Co 228.615	0.997285	mg/L	0.023160	2.3	9863.64	9.97285 mg/L	Y 371.029
Co 230.786	1.00447	mg/L	0.024670	2.5	6623.50	10.0447 mg/L	Y 371.029
Co 238.892	0.977596	mg/L	0.017676	1.8	5899.24	9.77596 mg/L	Y 371.029
Cr 205.560	1.00640	mg/L	0.011983	1.2	4401.34	10.0640 mg/L	Y 371.029
Cr 206.158	1.02418	mg/L	0.027101	2.6	1842.42	10.2418 mg/L	Y 371.029
Cr 267.716	1.00162	mg/L	0.025055	2.5	22163.1	10.0162 mg/L	Y 371.029
Cu 213.598	1.00982	mg/L	0.016506	1.6	4515.53	10.0982 mg/L	Y 371.029
Cu 324.754	1.01748	mg/L	0.024508	2.4	35192.6	10.1748 mg/L	Y 371.029
Cu 327.395	1.02941	mg/L	0.024891	2.4	44466.8	10.2941 mg/L	Y 371.029
Fe 234.350	6.11492	mg/L	0.151952	2.5	55344.7	61.1492 mg/L	Y 371.029
Fe 238.204	6.07912	mg/L	0.140793	2.3	118191	60.7912 mg/L	Y 371.029
Fe 259.940	6.13461	mg/L	0.179776	2.9	95172.0	61.3461 mg/L	Y 371.029
Ga 287.423	0.998531	mg/L	0.023013	2.3	2555.81	9.98531 mg/L	Y 371.029
Ga 294.363	1.01296	mg/L	0.024137	2.4	6517.56	10.1296 mg/L	Y 371.029
Ga 417.204	1.00327	mg/L	0.029573	2.9	10393.8	10.0327 mg/L	Y 371.029
K 766.491	11.5182	mg/L	0.234304	2.0	926136	115.182 mg/L	Y 371.029
K 769.897	11.8264	mg/L	0.243652	2.1	730773	118.264 mg/L	Y 371.029
Li 610.365	1.00328	mg/L	0.025472	2.5	50886.8	10.0328 mg/L	Y 371.029
Li 670.783	1.02670	mg/L	0.024176	2.4	3810585	10.2670 mg/L	Y 371.029
Mg 279.078	17.9456	mg/L	0.478112	2.7	32089.5	179.456 mg/L	Y 371.029
Mg 280.270	19.1467	mg/L	0.328303	1.7	1842919	191.467 mg/L	Y 371.029
Mg 285.213	18.1948	mg/L	0.269859	1.5	674688	181.948 mg/L	Y 371.029
Mn 257.610	1.61332	mg/L	0.045905	2.8	247855	16.1332 mg/L	Y 371.029
Mn 259.372	1.60114	mg/L	0.049044	3.1	183292	16.0114 mg/L	Y 371.029
Mn 260.568	1.64588	mg/L	0.026127	1.6	32626.9	16.4588 mg/L	Y 371.029
Mo 202.032	0.911587	mg/L	0.011627	1.3	3529.41	9.11587 mg/L	Y 371.029
Mo 203.846	0.902632	mg/L	0.020470	2.3	1434.09	9.02632 mg/L	Y 371.029
Mo 204.598	0.910221	mg/L	0.017546	1.9	1693.89	9.10221 mg/L	Y 371.029
Na 568.821	78.3454	mg/L	1.93886	2.5	22410.9	783.453 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.393401	0.8	30486798	- mg/L	Y 371.029
Na 589.592	66.0945	mg/L	1.49907	2.3	22989886	660.945 mg/L	Y 371.029
Ni 216.555	1.00044	mg/L	0.022754	2.3	5867.23	10.0044 mg/L	Y 371.029
Ni 221.648	1.00955	mg/L	0.026015	2.6	2340.43	10.0955 mg/L	Y 371.029
Ni 231.604	1.00500	mg/L	0.027815	2.8	3815.31	10.0500 mg/L	Y 371.029
P 177.434	0.984986	mg/L	0.022632	2.3	170.681	9.84986 mg/L	Y 371.029
P 213.618	1.01485	mg/L	0.010533	1.0	763.068	10.1485 mg/L	Y 371.029
P 214.914	1.02621	mg/L	0.022240	2.2	235.730	10.2621 mg/L	Y 371.029
Pb 220.353	1.00266	mg/L	0.025265	2.5	1355.68	10.0266 mg/L	Y 371.029
Pb 261.417	0.764450	mg/L	0.020776	2.7	449.485	7.64450 mg/L	Y 371.029
Pb 405.781	0.997738	mg/L	0.028224	2.8	1508.57	9.97738 mg/L	Y 371.029
Sb 206.834	0.665880	mg/L	0.012088	1.8	469.658	6.65880 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.012705	1.7	388.510	uncal mg/L	Y 371.029
Sb 259.804	0.467320	mg/L	0.018630	4.0	235.648	4.67320 mg/L	Y 371.029
Se 196.026	0.994610	mg/L	0.013173	1.3	331.247	9.94610 mg/L	Y 371.029
Se 203.985	1.04554	mg/L	0.022112	2.1	210.504	10.4554 mg/L	Y 371.029
Si 250.690	2.97752	mg/L	0.067866	2.3	4055.46	29.7752 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.062939	2.2	4680.95	uncal mg/L	Y 371.029
Si 288.158	2.94332	mg/L	0.054448	1.8	23336.8	29.4332 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.971544	mg/L	0.028632	2.9	299.321	9.71544 mg/L	Y 371.029
Sn 283.998	1.13505	mg/L	0.053064	4.7	2785.97	11.3505 mg/L	Y 371.029
Sr 216.596	1.09858	mg/L	0.023754	2.2	10880.6	10.9858 mg/L	Y 371.029
Sr 407.771	1.07982	mg/L	0.019679	1.8	2647135	10.7982 mg/L	Y 371.029
Sr 421.552	1.08426	mg/L	0.029280	2.7	1624846	10.8426 mg/L	Y 371.029
Ti 334.941	0.984110	mg/L	0.027117	2.8	195941	9.84110 mg/L	Y 371.029
Ti 336.122	0.976951	mg/L	0.027748	2.8	83223.6	9.76951 mg/L	Y 371.029
Ti 337.280	0.996799	mg/L	0.023758	2.4	30107.4	9.96799 mg/L	Y 371.029
Tl 190.794	1.00697	mg/L	0.025076	2.5	383.387	10.0697 mg/L	Y 371.029
Tl 190.807	1.01087	mg/L	0.023708	2.3	202.975	10.1087 mg/L	Y 371.029
Tl 351.923	0.997678	mg/L	0.022930	2.3	1365.54	9.97678 mg/L	Y 371.029
V 268.796	0.954898	mg/L	0.023683	2.5	9322.25	9.54898 mg/L	Y 371.029
V 292.401	1.01139	mg/L	0.026664	2.6	34245.0	10.1139 mg/L	Y 371.029
V 311.837	1.02904	mg/L	0.027090	2.6	46699.3	10.2904 mg/L	Y 371.029
Zn 202.548	1.00796	mg/L	0.023532	2.3	12120.6	10.0796 mg/L	Y 371.029
Zn 206.200	1.01362	mg/L	0.026910	2.7	3838.32	10.1362 mg/L	Y 371.029
Zn 213.857	1.01453	mg/L	0.014202	1.4	20084.5	10.1453 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23546	9906.91	123.168	1.2
Y 371.029	0.873674	144075	1526.947	1.1

SEQ-CCVA (Samp) **4/8/2011, 5:42:59 PM** **Rack 3, Tube 19**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.096582	mg/L	0.000390	0.4	5412.76	0.096582 mg/L	Y 371.029
Ag 338.289	0.096415	mg/L	0.003230	3.4	273.158	0.096415 mg/L	Y 371.029
Al 237.312	2.51372	mg/L	0.015180	0.6	3422.83	2.51372 mg/L	Y 371.029
Al 257.509	2.48942	mg/L	0.024592	1.0	1557.16	2.48942 mg/L	Y 371.029
Al 308.215	2.51671	mg/L	0.010332	0.4	16164.6	2.51671 mg/L	Y 371.029
As 188.980	0.483499	mg/L	0.002904	0.6	199.104	0.483499 mg/L	Y 371.029
As 193.696	0.481906	mg/L	0.002367	0.5	223.000	0.481906 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006210	0.8	676.651	uncal mg/L	Y 371.029
B 182.577	0.501292	mg/L	0.003981	0.8	270.118	0.501292 mg/L	Y 371.029
B 249.678	0.495179	mg/L	0.008023	1.6	4360.65	0.495179 mg/L	Y 371.029
B 249.772	0.498083	mg/L	0.010524	2.1	9320.07	0.498083 mg/L	Y 371.029
Ba 233.527	0.492969	mg/L	0.002051	0.4	20120.1	0.492969 mg/L	Y 371.029
Ba 455.403	0.511006	mg/L	0.001813	0.4	457017	0.511006 mg/L	Y 371.029
Ba 493.408	0.507734	mg/L	0.002157	0.4	266785	0.507734 mg/L	Y 371.029
Be 234.861	0.497056	mg/L	0.004430	0.9	57470.7	0.497056 mg/L	Y 371.029
Be 313.042	0.492696	mg/L	0.002591	0.5	826136	0.492696 mg/L	Y 371.029
Be 313.107	0.493725	mg/L	0.002422	0.5	393228	0.493725 mg/L	Y 371.029
Ca 393.366	4.77871n	mg/L	0.018902	0.4	6188800	4.77871 mg/L	Y 371.029
Ca 396.847	4.59190	mg/L	0.018425	0.4	8743912	4.59190 mg/L	Y 371.029
Ca 430.253	4.86500	mg/L	0.012195	0.3	24180.4	4.86500 mg/L	Y 371.029
Cd 214.439	0.251215	mg/L	0.002244	0.9	5684.83	0.251215 mg/L	Y 371.029
Cd 226.502	0.244942	mg/L	0.001300	0.5	9857.44	0.244942 mg/L	Y 371.029
Cd 228.802	0.248342	mg/L	0.002023	0.8	3876.99	0.248342 mg/L	Y 371.029
Co 228.615	0.498239	mg/L	0.002319	0.5	4928.17	0.498239 mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.495847	mg/L	0.003528	0.7	3274.47	0.495847 mg/L	Y 371.029
Co 238.892	0.494986	mg/L	0.002216	0.4	3009.12	0.494986 mg/L	Y 371.029
Cr 205.560	0.494900	mg/L	0.002765	0.6	2163.86	0.494900 mg/L	Y 371.029
Cr 206.158	0.494115	mg/L	0.002753	0.6	888.921	0.494115 mg/L	Y 371.029
Cr 267.716	0.495496	mg/L	0.004568	0.9	10965.9	0.495496 mg/L	Y 371.029
Cu 213.598	0.503251	mg/L	0.005512	1.1	2247.57	0.503251 mg/L	Y 371.029
Cu 324.754	0.501844	mg/L	0.001535	0.3	17676.2	0.501844 mg/L	Y 371.029
Cu 327.395	0.501252	mg/L	0.002342	0.5	21635.9	0.501252 mg/L	Y 371.029
Fe 234.350	0.493451	mg/L	0.004540	0.9	4730.55	0.493451 mg/L	Y 371.029
Fe 238.204	0.495219	mg/L	0.005211	1.1	9956.84	0.495219 mg/L	Y 371.029
Fe 259.940	0.492298	mg/L	0.001077	0.2	7894.58	0.492298 mg/L	Y 371.029
Ga 287.423	0.498521	mg/L	0.003194	0.6	1230.30	0.498521 mg/L	Y 371.029
Ga 294.363	0.500786	mg/L	0.002417	0.5	3221.46	0.500786 mg/L	Y 371.029
Ga 417.204	0.506019	mg/L	0.000890	0.2	5276.01	0.506019 mg/L	Y 371.029
K 766.491	5.12933	mg/L	0.018480	0.4	413597	5.12933 mg/L	Y 371.029
K 769.897	5.11691	mg/L	0.019618	0.4	323560	5.11691 mg/L	Y 371.029
Li 610.365	1.00797	mg/L	0.003140	0.3	51127.3	1.00797 mg/L	Y 371.029
Li 670.783	1.03421	mg/L	0.004206	0.4	3832114	1.03421 mg/L	Y 371.029
Mg 279.078	4.92304	mg/L	0.022451	0.5	8810.50	4.92304 mg/L	Y 371.029
Mg 280.270	5.59423	mg/L	0.012269	0.2	538715	5.59423 mg/L	Y 371.029
Mg 285.213	5.02361	mg/L	0.007781	0.2	186341	5.02361 mg/L	Y 371.029
Mn 257.610	0.497591	mg/L	0.003650	0.7	76833.1	0.497591 mg/L	Y 371.029
Mn 259.372	0.496361	mg/L	0.004194	0.8	57060.6	0.496361 mg/L	Y 371.029
Mn 260.568	0.508361	mg/L	0.001843	0.4	10084.3	0.508361 mg/L	Y 371.029
Mo 202.032	1.00746	mg/L	0.018686	1.9	3717.91	1.00746 mg/L	Y 371.029
Mo 203.846	0.993179	mg/L	0.018412	1.9	1500.52	0.993179 mg/L	Y 371.029
Mo 204.598	0.998454	mg/L	0.022674	2.3	1766.10	0.998454 mg/L	Y 371.029
Na 568.821	4.92783	mg/L	0.109284	2.2	1534.55	4.92783 mg/L	Y 371.029
Na 588.995	5.21680	mg/L	0.074702	1.4	3587898	5.21680 mg/L	Y 371.029
Na 589.592	5.06444	mg/L	0.012115	0.2	1849539	5.06444 mg/L	Y 371.029
Ni 216.555	0.994049	mg/L	0.004994	0.5	5796.76	0.994049 mg/L	Y 371.029
Ni 221.648	1.00101	mg/L	0.003765	0.4	2307.98	1.00101 mg/L	Y 371.029
Ni 231.604	0.992802	mg/L	0.010234	1.0	3748.22	0.992802 mg/L	Y 371.029
P 177.434	0.476442	mg/L	0.012071	2.5	83.7890	0.476442 mg/L	Y 371.029
P 213.618	0.508105	mg/L	0.009990	2.0	381.151	0.508105 mg/L	Y 371.029
P 214.914	0.498485	mg/L	0.022520	4.5	115.799	0.498485 mg/L	Y 371.029
Pb 220.353	0.988562	mg/L	0.007649	0.8	1335.67	0.988562 mg/L	Y 371.029
Pb 261.417	0.992314	mg/L	0.010635	1.1	567.162	0.992314 mg/L	Y 371.029
Pb 405.781	1.00165	mg/L	0.006757	0.7	1488.80	1.00165 mg/L	Y 371.029
Sb 206.834	0.914727	mg/L	0.006790	0.7	627.017	0.914727 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.013926	1.5	487.083	uncal mg/L	Y 371.029
Sb 259.804	0.878487	mg/L	0.021668	2.5	418.259	0.878487 mg/L	Y 371.029
Se 196.026	0.979167	mg/L	0.021706	2.2	326.154	0.979167 mg/L	Y 371.029
Se 203.985	1.01305	mg/L	0.030554	3.0	194.552	1.01305 mg/L	Y 371.029
Si 250.690	0.989203	mg/L	0.004967	0.5	1372.00	0.989203 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.009188	1.0	1585.17	uncal mg/L	Y 371.029
Si 288.158	0.985425	mg/L	0.006684	0.7	8413.45	0.985425 mg/L	Y 371.029
Sn 189.927	0.973518	mg/L	0.015720	1.6	299.431	0.973518 mg/L	Y 371.029
Sn 283.998	1.07988	mg/L	0.010831	1.0	2100.83	1.07988 mg/L	Y 371.029
Sr 216.596	0.500115	mg/L	0.002164	0.4	4959.63	0.500115 mg/L	Y 371.029
Sr 407.771	0.489502	mg/L	0.003692	0.8	1202775	0.489502 mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.497177	mg/L	0.004300	0.9	746611	0.497177 mg/L	Y 371.029
Ti 334.941	0.487792	mg/L	0.002534	0.5	97180.0	0.487792 mg/L	Y 371.029
Ti 336.122	0.494886	mg/L	0.004349	0.9	42172.4	0.494886 mg/L	Y 371.029
Ti 337.280	0.495367	mg/L	0.000790	0.2	14947.2	0.495367 mg/L	Y 371.029
Tl 190.794	0.494808	mg/L	0.004065	0.8	189.142	0.494808 mg/L	Y 371.029
Tl 190.807	0.503900	mg/L	0.007806	1.5	102.305	0.503900 mg/L	Y 371.029
Tl 351.923	0.488301	mg/L	0.008969	1.8	680.898	0.488301 mg/L	Y 371.029
V 268.796	0.502115	mg/L	0.005085	1.0	5437.93	0.502115 mg/L	Y 371.029
V 292.401	0.496202	mg/L	0.002144	0.4	16799.2	0.496202 mg/L	Y 371.029
V 311.837	0.507332	mg/L	0.002298	0.5	23004.2	0.507332 mg/L	Y 371.029
Zn 202.548	0.502754	mg/L	0.002738	0.5	6397.02	0.502754 mg/L	Y 371.029
Zn 206.200	0.494527	mg/L	0.000739	0.1	1986.08	0.494527 mg/L	Y 371.029
Zn 213.857	0.501847	mg/L	0.007837	1.6	10570.3	0.501847 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22795	9846.64	40.276	0.4
Y 371.029	0.869005	143305	393.446	0.3

SEQ-CCBA (Samp) **4/8/2011, 5:46:54 PM** **Rack 3, Tube 20**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000525uv	mg/L	0.000078	14.8	687.964	-0.000525 mg/L	Y 371.029
Ag 338.289	0.003266	mg/L	0.001353	41.4	5.09268	0.003266 mg/L	Y 371.029
Al 237.312	0.007533	mg/L	0.000989	13.1	69.4351	0.007533 mg/L	Y 371.029
Al 257.509	-0.000943uv	mg/L	0.001205	127.8	17.2480	-0.000943 mg/L	Y 371.029
Al 308.215	0.005398	mg/L	0.001520	28.2	937.084	0.005398 mg/L	Y 371.029
As 188.980	0.006954	mg/L	0.005076	73.0	9.47167	0.006954 mg/L	Y 371.029
As 193.696	0.002299uv	mg/L	0.003653	158.9	4.22041	0.002299 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.016653	14086.3	15.5319	uncal mg/L	Y 371.029
B 182.577	0.005763	mg/L	0.001406	24.4	7.96098	0.005763 mg/L	Y 371.029
B 249.678	0.007306	mg/L	0.002005	27.5	96.5971	0.007306 mg/L	Y 371.029
B 249.772	0.007439	mg/L	0.001777	23.9	206.458	0.007439 mg/L	Y 371.029
Ba 233.527	0.000173	mg/L	0.000043	24.7	200.019	0.000173 mg/L	Y 371.029
Ba 455.403	0.000204	mg/L	0.000022	10.9	4309.61	0.000204 mg/L	Y 371.029
Ba 493.408	0.000042	mg/L	0.000026	62.4	2552.45	0.000042 mg/L	Y 371.029
Be 234.861	0.000012	mg/L	0.000004	34.7	-0.790701	0.000012 mg/L	Y 371.029
Be 313.042	0.000049	mg/L	0.000007	14.0	1662.05	0.000049 mg/L	Y 371.029
Be 313.107	0.000013	mg/L	0.000011	86.8	93.5348	0.000013 mg/L	Y 371.029
Ca 393.366	0.000439n	mg/L	0.000053	12.1	17361.7	0.000439 mg/L	Y 371.029
Ca 396.847	0.000343	mg/L	0.000016	4.7	23958.3	0.000343 mg/L	Y 371.029
Ca 430.253	-0.013521uv	mg/L	0.003924	29.0	1283.16	-0.013521 mg/L	Y 371.029
Cd 214.439	0.000191	mg/L	0.000092	47.9	5.25797	0.000191 mg/L	Y 371.029
Cd 226.502	-0.000047uv	mg/L	0.000054	115.8	20.2359	-0.000047 mg/L	Y 371.029
Cd 228.802	0.000221uv	mg/L	0.000520	234.8	27.5748	0.000221 mg/L	Y 371.029
Co 228.615	0.000375	mg/L	0.000240	63.9	12.4965	0.000375 mg/L	Y 371.029
Co 230.786	0.000002uv	mg/L	0.000379	24119.2	10.9232	0.000002 mg/L	Y 371.029
Co 238.892	0.000392uv	mg/L	0.000729	186.3	8.66806	0.000392 mg/L	Y 371.029
Cr 205.560	-0.000089uv	mg/L	0.000196	220.3	3.02878	-0.000089 mg/L	Y 371.029
Cr 206.158	0.000479uv	mg/L	0.000860	179.4	3.25018	0.000479 mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	-0.000121uv	mg/L	0.000071	58.4	25.0608	-0.000121 mg/L	Y 371.029
Cu 213.598	0.000695	mg/L	0.000316	45.4	4.50914	0.000695 mg/L	Y 371.029
Cu 324.754	0.000134uv	mg/L	0.000319	238.8	595.633	0.000134 mg/L	Y 371.029
Cu 327.395	0.000043uv	mg/L	0.000221	517.0	42.2930	0.000043 mg/L	Y 371.029
Fe 234.350	-0.000169uv	mg/L	0.000704	416.6	13.4385	-0.000169 mg/L	Y 371.029
Fe 238.204	0.000541	mg/L	0.000334	61.7	41.5531	0.000541 mg/L	Y 371.029
Fe 259.940	0.000787	mg/L	0.000483	61.3	60.6814	0.000787 mg/L	Y 371.029
Ga 287.423	-0.001757uv	mg/L	0.001032	58.7	7.63899	-0.001757 mg/L	Y 371.029
Ga 294.363	0.002006	mg/L	0.000504	25.1	19.6134	0.002006 mg/L	Y 371.029
Ga 417.204	-0.000160uv	mg/L	0.001375	856.5	98.4174	-0.000160 mg/L	Y 371.029
K 766.491	-0.001217uv	mg/L	0.000210	17.2	2293.83	-0.001217 mg/L	Y 371.029
K 769.897	-0.006128uv	mg/L	0.001094	17.8	13165.6	-0.006128 mg/L	Y 371.029
Li 610.365	0.011238	mg/L	0.000099	0.9	-3.73879	0.011238 mg/L	Y 371.029
Li 670.783	-0.000307uv	mg/L	0.000022	7.2	75860.9	-0.000307 mg/L	Y 371.029
Mg 279.078	0.002918	mg/L	0.003361	115.2	16.8230	0.002918 mg/L	Y 371.029
Mg 280.270	0.001166	mg/L	0.000004	0.3	452.770	0.001166 mg/L	Y 371.029
Mg 285.213	0.001258	mg/L	0.000078	6.2	126.026	0.001258 mg/L	Y 371.029
Mn 257.610	-0.000063uv	mg/L	0.000009	14.8	1.62003	-0.000063 mg/L	Y 371.029
Mn 259.372	-0.000075	mg/L	0.000049	65.1	68.3161	-0.000075 mg/L	Y 371.029
Mn 260.568	0.000073	mg/L	0.000058	80.5	6.89651	0.000073 mg/L	Y 371.029
Mo 202.032	0.026619	mg/L	0.003289	12.4	136.473	0.026619 mg/L	Y 371.029
Mo 203.846	0.026479	mg/L	0.003825	14.4	51.2185	0.026479 mg/L	Y 371.029
Mo 204.598	0.027145	mg/L	0.003169	11.7	56.5513	0.027145 mg/L	Y 371.029
Na 568.821	0.384230	mg/L	0.041004	10.7	222.182	0.384230 mg/L	Y 371.029
Na 588.995	-0.193098uv	mg/L	0.000556	0.3	216412	-0.193098 mg/L	Y 371.029
Na 589.592	-0.047724uv	mg/L	0.000290	0.6	75782.0	-0.047724 mg/L	Y 371.029
Ni 216.555	-0.000487uv	mg/L	0.000217	44.5	2.91732	-0.000487 mg/L	Y 371.029
Ni 221.648	0.000251uv	mg/L	0.000807	321.2	3.08435	0.000251 mg/L	Y 371.029
Ni 231.604	-0.001319uv	mg/L	0.000306	23.2	4.52426	-0.001319 mg/L	Y 371.029
P 177.434	-0.003634uv	mg/L	0.004452	122.5	1.44325	-0.003634 mg/L	Y 371.029
P 213.618	-0.003024uv	mg/L	0.001423	47.1	0.307347	-0.003024 mg/L	Y 371.029
P 214.914	0.011888	mg/L	0.006469	54.4	3.61365	0.011888 mg/L	Y 371.029
Pb 220.353	0.000010uv	mg/L	0.000281	2921.3	5.60095	0.000010 mg/L	Y 371.029
Pb 261.417	0.006033	mg/L	0.005730	95.0	25.1701	0.006033 mg/L	Y 371.029
Pb 405.781	0.014789	mg/L	0.007411	50.1	62.3448	0.014789 mg/L	Y 371.029
Sb 206.834	0.059731	mg/L	0.001846	3.1	52.7676	0.059731 mg/L	Y 371.029
Sb 231.146	uncal	mg/L	0.007429	13.4	41.7172	uncal mg/L	Y 371.029
Sb 259.804	0.066231	mg/L	0.010341	15.6	39.0753	0.066231 mg/L	Y 371.029
Se 196.026	0.012940	mg/L	0.003857	29.8	10.4533	0.012940 mg/L	Y 371.029
Se 203.985	0.012276	mg/L	0.004893	39.9	5.95863	0.012276 mg/L	Y 371.029
Si 250.690	-0.005303uv	mg/L	0.000413	7.8	29.1254	-0.005303 mg/L	Y 371.029
Si 251.611	uncal	mg/L	0.001101	23.6	26.4013	uncal mg/L	Y 371.029
Si 288.158	-0.003370uv	mg/L	0.000685	20.3	890.446	-0.003370 mg/L	Y 371.029
Sn 189.927	-0.000657uv	mg/L	0.002303	350.4	2.69992	-0.000657 mg/L	Y 371.029
Sn 283.998	-0.000953uv	mg/L	0.006110	641.3	21.5933	-0.000953 mg/L	Y 371.029
Sr 216.596	-0.000202uv	mg/L	0.000245	121.6	20.8154	-0.000202 mg/L	Y 371.029
Sr 407.771	0.000021	mg/L	0.000003	14.0	5439.28	0.000021 mg/L	Y 371.029
Sr 421.552	0.000003	mg/L	0.000004	123.6	3096.13	0.000003 mg/L	Y 371.029
Ti 334.941	0.001400	mg/L	0.000667	47.7	456.733	0.001400 mg/L	Y 371.029
Ti 336.122	0.001358	mg/L	0.000202	14.8	167.842	0.001358 mg/L	Y 371.029
Ti 337.280	0.001817	mg/L	0.000402	22.1	37.7242	0.001817 mg/L	Y 371.029

110407A. All Data Report 4/11/2011, 08:20:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.002376uv	mg/L	0.004571	192.4	2.47596	0.002376 mg/L	Y 371.029
Tl 190.807	0.008924	mg/L	0.003992	44.7	2.08674	0.008924 mg/L	Y 371.029
Tl 351.923	-0.005835uv	mg/L	0.000766	13.1	12.6028	-0.005835 mg/L	Y 371.029
V 268.796	0.002288	mg/L	0.000251	11.0	84.6266	0.002288 mg/L	Y 371.029
V 292.401	-0.000048uv	mg/L	0.000120	252.5	30.6007	-0.000048 mg/L	Y 371.029
V 311.837	0.000436	mg/L	0.000036	8.4	14.7342	0.000436 mg/L	Y 371.029
Zn 202.548	-0.000350uv	mg/L	0.000147	41.9	792.235	-0.000350 mg/L	Y 371.029
Zn 206.200	-0.000901uv	mg/L	0.000709	78.7	247.196	-0.000901 mg/L	Y 371.029
Zn 213.857	-0.000377uv	mg/L	0.000276	73.4	1300.36	-0.000377 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.25250	10043.5	26.026	0.3
Y 371.029	0.891222	146969	220.448	0.1

4/7/2011 3:03:43 PM	Worksheet created from template
4/7/2011 3:03:43 PM	>>>New Worksheet2011C.vwst
4/7/2011 3:04:18 PM	Analysis started.
4/7/2011 3:07:21 PM	**Measured Blank**
4/7/2011 3:10:21 PM	**Measured Standard 1**
4/7/2011 3:13:51 PM	**Measured Standard 2**
4/7/2011 3:17:27 PM	**Measured Standard 3**
4/7/2011 3:21:06 PM	**Measured Standard 4**
4/7/2011 3:24:58 PM	**Measured Standard 5**
4/7/2011 3:29:11 PM	**Measured Standard 6**
4/7/2011 3:33:25 PM	**Measured Standard 7**
4/7/2011 3:34:54 PM	Calibration(Reslope) failed [Sb 231.146]: Maximum error has been exceeded.
4/7/2011 3:34:54 PM	Calibration(Reslope) failed [Si 251.611]: Maximum error has been exceeded.
4/7/2011 3:34:54 PM	Calibration(Reslope) failed [As 228.812]: Maximum error has been exceeded.
4/7/2011 3:34:54 PM	Continuing in emission.
4/7/2011 3:35:01 PM	Analysis completed.
4/7/2011 3:36:57 PM	Analysis started.
4/7/2011 3:40:00 PM	**Measured SEQ-ICV1**
4/7/2011 3:41:23 PM	Analysis completed.
4/7/2011 3:44:07 PM	Analysis started.
4/7/2011 3:47:09 PM	**Measured SEQ-ICV2**
4/7/2011 3:51:21 PM	**Measured SEQ-ICB1**
4/7/2011 3:54:19 PM	**Measured SEQ-LCV1**
4/7/2011 3:58:00 PM	**Measured SEQ-HCV1**
4/7/2011 3:59:36 PM	Analysis completed.
4/7/2011 4:01:11 PM	Analysis started.
4/7/2011 4:04:13 PM	**Measured SEQ-IFA1**
4/7/2011 4:08:27 PM	**Measured SEQ-IFB1**
4/7/2011 4:12:25 PM	**Measured SEQ-CCV1**
4/7/2011 4:16:22 PM	**Measured SEQ-CCB1**
4/7/2011 4:16:48 PM	Analysis completed.
4/7/2011 4:21:13 PM	Analysis started.
4/7/2011 4:24:16 PM	**Measured 11D0292-01**
4/7/2011 4:28:12 PM	**Measured 11D0293-01**
4/7/2011 4:32:07 PM	**Measured 1115072-BLK1**
4/7/2011 4:35:08 PM	**Measured 1115072-BS1**
4/7/2011 4:39:21 PM	**Measured 1115072-BS2**
4/7/2011 4:43:11 PM	**Measured 11D0094-01**
4/7/2011 4:47:23 PM	Request to stop the worksheet run after completing this solution.
4/7/2011 4:47:13 PM	**Measured 11D0094-02**
4/7/2011 4:54:13 PM	Analysis started.
4/7/2011 4:57:15 PM	**Measured 11D0094-03**
4/7/2011 5:01:10 PM	**Measured 11D0094-04**
4/7/2011 5:05:04 PM	**Measured 11D0094-05**
4/7/2011 5:09:00 PM	**Measured SEQ-CCV2**
4/7/2011 5:13:12 PM	**Measured SEQ-CCB2**
4/7/2011 5:16:12 PM	**Measured 11D0109-01**
4/7/2011 5:20:06 PM	**Measured 11D0109-02**
4/7/2011 5:23:52 PM	**Measured 11D0110-01**
4/7/2011 5:28:06 PM	**Measured 11D0110-02**
4/7/2011 5:31:48 PM	**Measured 11D0174-02**
4/7/2011 5:35:52 PM	**Measured 11D0183-01**
4/7/2011 5:39:58 PM	**Measured 11D0195-01**
4/7/2011 5:44:01 PM	**Measured 1115072-DUP1**
4/7/2011 5:48:00 PM	**Measured 1115072-MS1**
4/7/2011 5:52:12 PM	**Measured 1115072-MSD1**
4/7/2011 5:56:08 PM	**Measured SEQ-CCV3**
4/7/2011 5:59:59 PM	**Measured SEQ-CCB3**
4/7/2011 6:02:59 PM	**Measured 1115072-SRD1**
4/7/2011 6:06:49 PM	**Measured 11C1584-04**
4/7/2011 6:10:33 PM	**Measured 11C1584-05**
4/7/2011 6:14:08 PM	**Measured 1115032-PS1**
4/7/2011 6:18:06 PM	**Measured 1115055-BLK1**
4/7/2011 6:21:07 PM	**Measured 1115055-BS1**
4/7/2011 6:25:04 PM	**Measured 1115055-BS2**
4/7/2011 6:28:54 PM	**Measured 11D0057-01**
4/7/2011 6:32:45 PM	**Measured 1115055-DUP1**
4/7/2011 6:36:35 PM	**Measured 1115055-MS1**
4/7/2011 6:40:49 PM	**Measured SEQ-CCV4**
4/7/2011 6:44:46 PM	**Measured SEQ-CCB4**
4/7/2011 6:47:49 PM	**Measured 1115055-MSD1**
4/7/2011 6:51:50 PM	**Measured 1115055-SRD1**
4/7/2011 6:55:35 PM	**Measured 11C1700-01**
4/7/2011 6:59:49 PM	**Measured 11C1700-02**
4/7/2011 7:03:37 PM	**Measured SEQ-CCV5**
4/7/2011 7:07:50 PM	**Measured SEQ-CCB5**
4/7/2011 7:08:20 PM	Analysis completed.
4/8/2011 10:25:05 AM	Analysis started.
4/8/2011 10:28:06 AM	**Measured SEQ-CCV6**
4/8/2011 10:32:21 AM	**Measured SEQ-CCB6**
4/8/2011 10:35:24 AM	**Measured 11D0110-01**
4/8/2011 10:37:07 AM	Analysis completed.
4/8/2011 11:18:57 AM	Analysis started.
4/8/2011 11:21:59 AM	**Measured 11D0110-01**
4/8/2011 11:23:21 AM	Analysis completed.
4/8/2011 11:48:15 AM	Analysis started.
4/8/2011 11:51:17 AM	**Measured SEQ-CCV7**

4/8/2011 11:55:31 AM	**Measured SEQ-CCB7**
4/8/2011 11:56:01 AM	Analysis completed.
4/8/2011 12:20:55 PM	Analysis started.
4/8/2011 12:23:56 PM	**Measured 1115203-BLK1**
4/8/2011 12:27:51 PM	**Measured 1115203-BS1**
4/8/2011 12:32:05 PM	**Measured 11D0082-01**
4/8/2011 12:36:01 PM	**Measured 11D0082-02**
4/8/2011 12:39:57 PM	**Measured 11D0082-03**
4/8/2011 12:43:59 PM	**Measured 11D0110-01**
4/8/2011 12:46:26 PM	Request to stop the worksheet run after completing this solution.
4/8/2011 12:48:11 PM	**Measured 11D0110-02**
4/8/2011 12:51:21 PM	Analysis started.
4/8/2011 12:54:23 PM	**Measured 11D0112-01**
4/8/2011 12:58:16 PM	**Measured 11D0171-01**
4/8/2011 1:02:10 PM	**Measured 1115072-PS1**
4/8/2011 1:06:24 PM	**Measured SEQ-CCV8**
4/8/2011 1:10:16 PM	**Measured SEQ-CCB8**
4/8/2011 1:13:15 PM	**Measured 1115203-DUP1**
4/8/2011 1:17:10 PM	**Measured 1115203-MS1**
4/8/2011 1:21:06 PM	**Measured 1115203-MSD1**
4/8/2011 1:25:01 PM	**Measured 11C0173-01**
4/8/2011 1:29:01 PM	**Measured 11C0285-01**
4/8/2011 1:30:28 PM	Analysis completed.
4/8/2011 4:17:01 PM	Analysis started.
4/8/2011 4:20:02 PM	**Measured SEQ-CCV9**
4/8/2011 4:24:14 PM	**Measured SEQ-CCB9**
4/8/2011 4:24:45 PM	Analysis completed.
4/8/2011 5:31:46 PM	Analysis started.
4/8/2011 5:34:47 PM	**Measured 11C1255-02**
4/8/2011 5:38:43 PM	**Measured 1115076-PS1**
4/8/2011 5:42:59 PM	**Measured SEQ-CCVA**
4/8/2011 5:46:54 PM	**Measured SEQ-CCBA**
4/8/2011 5:47:26 PM	Analysis completed.

110406B. All Data Report 4/11/2011, 10:44:15

Blank (Blk) **4/6/2011, 6:25:28 PM** **Rack 2, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.000000	mg/L	147.641	9.1	1619.18
Ag 338.289	0.000000	mg/L	7.512	18.5	40.5005
Al 237.312	0.000000	mg/L	6.684	10.5	63.8953
Al 257.509	0.000000	mg/L	2.373	15.0	15.7865
Al 308.215	0.000000	mg/L	2.840	0.3	953.574
As 188.980	0.000000	mg/L	1.908	35.5	5.37354
As 193.696	0.000000	mg/L	1.084	44.3	2.44850
As 228.812	0.000000	mg/L	1.034	6.9	15.0096
B 182.577	0.000000	mg/L	1.508	41.0	3.67590
B 249.678	0.000000	mg/L	7.173	54.7	13.1177
B 249.772	0.000000	mg/L	5.596	14.3	39.2307
Ba 233.527	0.000000	mg/L	2.512	1.3	195.684
Ba 455.403	0.000000	mg/L	5.961	0.1	4078.66
Ba 493.408	0.000000	mg/L	20.493	0.8	2480.50
Be 234.861	0.000000	mg/L	2.205	153.1	-1.44047
Be 313.042	0.000000	mg/L	5.781	0.4	1298.37
Be 313.107	0.000000	mg/L	6.091	8.4	72.1075
Ca 393.366	0.000000n	mg/L	106.600	0.7	15969.5
Ca 396.847	0.000000	mg/L	118.003	0.5	22971.8
Ca 430.253	0.000000	mg/L	35.711	2.8	1259.50
Cd 214.439	0.000000	mg/L	3.107	72.5	4.28769
Cd 226.502	0.000000	mg/L	5.972	24.3	24.5755
Cd 228.802	0.000000	mg/L	3.341	14.2	23.5279
Co 228.615	0.000000	mg/L	0.724	5.7	12.6254
Co 230.786	0.000000	mg/L	1.991	19.0	10.4817
Co 238.892	0.000000	mg/L	3.131	52.4	5.97502
Cr 205.560	0.000000	mg/L	0.204	3.3	6.25586
Cr 206.158	0.000000	mg/L	1.143	58.2	1.96378
Cr 267.716	0.000000	mg/L	1.904	9.1	20.8566
Cu 213.598	0.000000	mg/L	0.545	17.4	3.13049
Cu 324.754	0.000000	mg/L	12.260	2.0	605.721
Cu 327.395	0.000000	mg/L	18.614	32.2	57.8482
Fe 234.350	0.000000	mg/L	5.011	57.4	8.73259
Fe 238.204	0.000000	mg/L	4.098	21.8	18.7589
Fe 259.940	0.000000	mg/L	1.255	3.1	40.3624
Ga 287.423	0.000000	mg/L	5.931	48.1	12.3228
Ga 294.363	0.000000	mg/L	3.461	11.6	29.7842
Ga 417.204	0.000000	mg/L	13.717	17.9	76.8433
K 766.491	0.000000	mg/L	14.629	0.7	2249.83
K 769.897	0.000000	mg/L	113.249	0.9	12851.9
Li 610.365	0.000000	mg/L	4.243	22.9	18.5288
Li 670.783	0.000000	mg/L	126.074	0.2	71043.5
Mg 279.078	0.000000	mg/L	5.246	29.2	17.9537
Mg 280.270	0.000000	mg/L	5.182	1.6	314.895
Mg 285.213	0.000000	mg/L	7.780	9.5	82.2344
Mn 257.610	0.000000	mg/L	2.434	101.1	2.40739
Mn 259.372	0.000000	mg/L	1.864	4.5	41.8084
Mn 260.568	0.000000	mg/L	1.636	47.8	3.41983
Mo 202.032	0.000000	mg/L	3.939	14.8	26.6108
Mo 203.846	0.000000	mg/L	1.702	21.9	7.77797

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.000000	mg/L	2.666	37.4	7.13060
Na 568.821	0.000000	mg/L	44.538	18.7	238.460
Na 588.995	0.000000	mg/L	312.782	0.2	207118
Na 589.592	0.000000	mg/L	24.701	0.0	72526.1
Ni 216.555	0.000000	mg/L	1.725	21.3	8.10360
Ni 221.648	0.000000	mg/L	1.799	62.0	2.90304
Ni 231.604	0.000000	mg/L	2.312	37.9	6.10288
P 177.434	0.000000	mg/L	0.902	34.6	2.60802
P 213.618	0.000000	mg/L	1.512	87.3	1.73239
P 214.914	0.000000	mg/L	0.857	43.7	1.96035
Pb 220.353	0.000000	mg/L	3.689	57.5	6.41784
Pb 261.417	0.000000	mg/L	2.313	9.4	24.7407
Pb 405.781	0.000000	mg/L	8.882	22.2	39.9586
Sb 206.834	0.000000	mg/L	0.755	11.0	6.88414
Sb 231.146	0.000000	mg/L	0.973	16.7	5.81298
Sb 259.804	0.000000	mg/L	1.381	18.2	7.59738
Se 196.026	0.000000	mg/L	1.757	26.1	6.72013
Se 203.985	0.000000	mg/L	0.795	20.9	3.80176
Si 250.690	0.000000	mg/L	3.386	17.2	19.6510
Si 251.611	0.000000	mg/L	1.421	9.7	14.5976
Si 288.158	0.000000	mg/L	1.277	0.1	862.564
Sn 189.927	0.000000	mg/L	1.123	33.5	3.34877
Sn 283.998	0.000000	mg/L	3.560	11.2	31.6883
Sr 216.596	0.000000	mg/L	1.339	5.9	22.7236
Sr 407.771	0.000000	mg/L	18.157	0.3	5343.21
Sr 421.552	0.000000	mg/L	12.357	0.4	3125.28
Ti 334.941	0.000000	mg/L	12.839	12.5	102.321
Ti 336.122	0.000000	mg/L	32.317	44.0	73.4303
Ti 337.280	0.000000	mg/L	5.533	50.6	10.9314
Tl 190.794	0.000000	mg/L	1.481	74.9	1.97711
Tl 190.807	0.000000	mg/L	1.221	54.5	2.24135
Tl 351.923	0.000000	mg/L	5.378	52.4	10.2702
V 268.796	0.000000	mg/L	1.028	3.0	34.2091
V 292.401	0.000000	mg/L	4.747	14.5	32.6266
V 311.837	0.000000	mg/L	8.536	55.2	15.4587
Zn 202.548	0.000000	mg/L	2.747	0.4	753.600
Zn 206.200	0.000000	mg/L	1.498	0.6	236.957
Zn 213.857	0.000000	mg/L	7.462	0.6	1251.00

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21188	9717.80	36.678	0.4
Y 371.029	0.886852	146248	425.356	0.3

Standard 1 (Std) **4/6/2011, 6:28:30 PM** **Rack 2, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.001000	mg/L	1.906	1.7	109.517
Be 313.042	0.001000	mg/L	2.295	0.1	2990.25
Be 313.107	0.001000	mg/L	13.421	1.5	873.287
Cd 214.439	0.000500	mg/L	2.589	19.7	13.1556
Cd 226.502	0.000500	mg/L	3.308	7.7	43.0606

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 228.802	0.000500	mg/L	3.321	10.4	32.0593
Cr 205.560	0.001000	mg/L	4.087	37.5	10.9054
Cr 206.158	0.001000	mg/L	3.884	59.4	6.53375
Cr 267.716	0.001000	mg/L	6.533	12.1	53.7741
Cu 213.598	0.001000	mg/L	1.201	22.7	5.28389
Cu 324.754	0.001000	mg/L	10.014	1.6	626.228
Cu 327.395	0.001000	mg/L	14.477	21.1	68.5831
K 766.491	0.010000	mg/L	20.323	0.7	3012.49
K 769.897	0.010000	mg/L	85.784	0.6	13629.7
Mg 279.078	0.010000	mg/L	5.937	16.1	36.7873
Mg 280.270	0.010000	mg/L	5.503	0.4	1402.49
Mg 285.213	0.010000	mg/L	3.841	0.9	439.903

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.20851	9690.74	19.136	0.2
Y 371.029	0.886573	146202	179.857	0.1

Standard 2 (Std) **4/6/2011, 6:32:05 PM** **Rack 2, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Al 237.312	0.025000	mg/L	4.132	4.2	99.4325
Al 257.509	0.025000	mg/L	2.425	9.1	26.7614
Al 308.215	0.025000	mg/L	6.203	0.6	1102.12
As 188.980	0.005000	mg/L	1.644	18.2	9.01585
As 193.696	0.005000	mg/L	0.670	17.4	3.83966
As 228.812	0.005000	mg/L	18.038	168.3	10.7165
Ba 233.527	0.005000	mg/L	4.411	1.1	397.096
Ba 455.403	0.005000	mg/L	18.460	0.2	8575.45
Ba 493.408	0.005000	mg/L	14.447	0.3	5174.04
Be 234.861	0.005000	mg/L	4.085	0.7	561.514
Be 313.042	0.005000	mg/L	21.500	0.2	9598.46
Be 313.107	0.005000	mg/L	15.552	0.4	4126.06
Ca 393.366	0.050000n	mg/L	147.951	0.2	89421.5
Ca 396.847	0.050000	mg/L	104.053	0.1	128864
Ca 430.253	0.050000	mg/L	26.836	1.7	1567.07
Cd 214.439	0.002500	mg/L	3.036	5.7	53.6936
Cd 226.502	0.002500	mg/L	1.585	1.4	114.796
Cd 228.802	0.002500	mg/L	5.024	8.6	58.2329
Co 228.615	0.005000	mg/L	4.349	7.8	55.5569
Co 230.786	0.005000	mg/L	1.822	4.5	40.7085
Co 238.892	0.005000	mg/L	1.346	3.5	38.3871
Cr 205.560	0.005000	mg/L	1.629	6.4	25.2585
Cr 206.158	0.005000	mg/L	1.566	13.0	12.0875
Cr 267.716	0.005000	mg/L	7.418	5.4	136.477
Cu 213.598	0.005000	mg/L	2.494	11.2	22.2622
Cu 324.754	0.005000	mg/L	2.991	0.4	750.067
Cu 327.395	0.005000	mg/L	25.544	10.0	256.499
Fe 234.350	0.005000	mg/L	8.602	12.4	69.6396
Fe 238.204	0.005000	mg/L	14.159	9.4	150.948
Fe 259.940	0.005000	mg/L	12.448	8.6	145.391
Ga 287.423	0.005000	mg/L	4.761	17.2	27.7446

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ga 294.363	0.005000	mg/L	7.286	18.0	40.4575
Ga 417.204	0.005000	mg/L	7.173	5.6	128.449
K 766.491	0.050000	mg/L	24.379	0.4	5959.58
K 769.897	0.050000	mg/L	80.095	0.5	15906.0
Li 610.365	0.010000	mg/L	7.529	19.5	-38.6480
Li 670.783	0.010000	mg/L	305.971	0.3	111409
Mg 279.078	0.050000	mg/L	5.197	4.9	105.576
Mg 280.270	0.050000	mg/L	11.141	0.2	5647.38
Mg 285.213	0.050000	mg/L	8.075	0.4	1825.59
Mn 257.610	0.005000	mg/L	21.338	2.8	751.606
Mn 259.372	0.005000	mg/L	15.504	2.5	615.952
Mn 260.568	0.005000	mg/L	2.959	2.8	105.185
Mo 202.032	0.010000	mg/L	1.848	3.1	59.4995
Mo 203.846	0.010000	mg/L	1.512	6.7	22.6869
Mo 204.598	0.010000	mg/L	2.370	12.1	19.5986
Ni 216.555	0.010000	mg/L	3.026	5.1	59.4869
Ni 221.648	0.010000	mg/L	1.187	4.6	26.0279
Ni 231.604	0.010000	mg/L	2.013	4.4	46.1622
Pb 220.353	0.010000	mg/L	1.392	8.4	16.6511
Pb 261.417	0.010000	mg/L	6.664	24.5	27.2532
Pb 405.781	0.010000	mg/L	2.965	5.9	50.0571
Sb 206.834	0.010000	mg/L	0.630	4.5	14.0541
Sb 231.146	0.010000	mg/L	3.218	32.4	9.92984
Sb 259.804	0.010000	mg/L	6.185	40.3	15.3305
Se 196.026	0.010000	mg/L	0.560	5.9	9.51034
Se 203.985	0.010000	mg/L	1.561	37.6	4.14681
Si 250.690	0.010000	mg/L	1.260	2.2	57.9262
Si 251.611	0.010000	mg/L	1.791	3.5	51.3327
Si 288.158	0.010000	mg/L	3.188	0.3	1036.66
Sn 189.927	0.010000	mg/L	0.203	2.9	6.88383
Sn 283.998	0.010000	mg/L	15.003	55.4	27.0584
Sr 216.596	0.005000	mg/L	3.164	4.8	65.4354
Sr 407.771	0.005000	mg/L	10.629	0.1	17803.9
Sr 421.552	0.005000	mg/L	9.499	0.1	10921.4
Ti 334.941	0.005000	mg/L	34.562	3.1	1131.23
Ti 336.122	0.005000	mg/L	31.750	7.0	455.905
Ti 337.280	0.005000	mg/L	22.528	17.5	129.096
V 268.796	0.005000	mg/L	24.765	36.6	67.7071
V 292.401	0.005000	mg/L	6.957	3.7	190.583
V 311.837	0.005000	mg/L	7.686	3.8	202.630
Zn 202.548	0.005000	mg/L	23.125	2.9	791.399
Zn 206.200	0.005000	mg/L	1.041	0.4	255.174
Zn 213.857	0.005000	mg/L	44.836	3.4	1321.12

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21554	9747.16	45.591	0.5
Y 371.029	0.889320	146655	720.137	0.5

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Standard 3 (Std) **4/6/2011, 6:35:45 PM** **Rack 2, Tube 4**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.004000	mg/L	175.274	10.6	1661.27
Ag 338.289	0.004000	mg/L	11.554	27.6	41.8542
Al 237.312	0.100000	mg/L	0.683	0.4	191.380
Al 257.509	0.100000	mg/L	4.153	5.4	77.3663
Al 308.215	0.100000	mg/L	11.945	0.8	1547.11
As 188.980	0.020000	mg/L	3.349	19.8	16.9019
As 193.696	0.020000	mg/L	1.408	13.1	10.7637
As 228.812	0.020000	mg/L	26.949	136.6	19.7302
B 182.577	0.020000	mg/L	0.735	4.9	15.1017
B 249.678	0.020000	mg/L	3.634	1.8	200.817
B 249.772	0.020000	mg/L	6.132	1.4	431.774
Ba 233.527	0.020000	mg/L	3.142	0.3	1008.59
Ba 455.403	0.020000	mg/L	38.073	0.2	22040.9
Ba 493.408	0.020000	mg/L	23.668	0.2	13232.1
Be 234.861	0.020000	mg/L	2.946	0.1	2286.68
Be 313.042	0.020000	mg/L	60.666	0.2	34711.6
Be 313.107	0.020000	mg/L	40.155	0.2	16279.7
Ca 393.366	0.200000n	mg/L	330.256	0.1	290001
Ca 396.847	0.200000	mg/L	604.517	0.1	419175
Ca 430.253	0.200000	mg/L	16.847	0.7	2309.39
Cd 214.439	0.010000	mg/L	1.442	0.7	214.689
Cd 226.502	0.010000	mg/L	3.549	0.9	414.903
Cd 228.802	0.010000	mg/L	4.520	2.6	177.111
Co 228.615	0.020000	mg/L	8.011	4.0	200.579
Co 230.786	0.020000	mg/L	3.985	2.8	140.062
Co 238.892	0.020000	mg/L	1.656	1.3	124.927
Cr 205.560	0.020000	mg/L	2.104	2.4	86.7104
Cr 206.158	0.020000	mg/L	1.115	3.0	36.7581
Cr 267.716	0.020000	mg/L	5.234	1.1	469.335
Cu 213.598	0.020000	mg/L	2.490	3.0	83.7132
Cu 324.754	0.020000	mg/L	4.576	0.4	1247.81
Cu 327.395	0.020000	mg/L	3.143	0.4	879.547
Fe 234.350	0.020000	mg/L	16.835	8.9	188.921
Fe 238.204	0.020000	mg/L	23.066	5.8	395.900
Fe 259.940	0.020000	mg/L	18.863	5.4	348.761
Ga 287.423	0.020000	mg/L	4.253	7.5	56.6177
Ga 294.363	0.020000	mg/L	10.900	9.0	121.744
Ga 417.204	0.020000	mg/L	26.889	9.6	279.041
K 766.491	0.200000	mg/L	46.785	0.3	17388.6
K 769.897	0.200000	mg/L	88.902	0.4	24553.5
Li 610.365	0.040000	mg/L	13.075	2.3	576.264
Li 670.783	0.040000	mg/L	330.086	0.1	224004
Mg 279.078	0.200000	mg/L	4.887	1.3	362.220
Mg 280.270	0.200000	mg/L	173.782	0.8	21786.6
Mg 285.213	0.200000	mg/L	108.573	1.5	7108.86
Mn 257.610	0.020000	mg/L	54.994	1.8	3034.00
Mn 259.372	0.020000	mg/L	47.206	2.0	2312.81
Mn 260.568	0.020000	mg/L	9.599	2.4	403.964
Mo 202.032	0.040000	mg/L	4.104	2.6	157.144
Mo 203.846	0.040000	mg/L	0.875	1.4	62.6220

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.040000	mg/L	1.517	2.3	65.3248
Ni 216.555	0.040000	mg/L	2.054	0.9	224.161
Ni 221.648	0.040000	mg/L	1.682	1.8	93.0374
Ni 231.604	0.040000	mg/L	1.034	0.7	155.732
P 177.434	0.020000	mg/L	1.807	34.5	5.23751
P 213.618	0.020000	mg/L	2.219	17.1	13.0155
P 214.914	0.020000	mg/L	4.360	66.3	6.57857
Pb 220.353	0.040000	mg/L	1.518	2.7	56.8929
Pb 261.417	0.040000	mg/L	4.781	11.6	41.0937
Pb 405.781	0.040000	mg/L	16.204	17.3	93.4313
Sb 206.834	0.040000	mg/L	0.451	1.3	35.8662
Sb 231.146	0.040000	mg/L	8.174	24.1	33.9687
Sb 259.804	0.040000	mg/L	5.374	22.1	24.3351
Se 196.026	0.040000	mg/L	1.859	10.9	17.0154
Se 203.985	0.040000	mg/L	2.016	23.5	8.58668
Si 250.690	0.040000	mg/L	3.295	3.6	91.5678
Si 251.611	0.040000	mg/L	3.517	3.6	97.9341
Si 288.158	0.040000	mg/L	3.202	0.3	1256.55
Sn 189.927	0.040000	mg/L	1.147	7.2	15.9439
Sn 283.998	0.040000	mg/L	35.682	48.7	73.2608
Sr 216.596	0.020000	mg/L	3.288	1.6	205.486
Sr 407.771	0.020000	mg/L	75.945	0.1	54742.7
Sr 421.552	0.020000	mg/L	69.483	0.2	34149.4
Ti 334.941	0.020000	mg/L	68.500	1.7	4144.76
Ti 336.122	0.020000	mg/L	33.293	1.9	1753.09
Ti 337.280	0.020000	mg/L	8.127	1.4	576.853
Tl 190.794	0.020000	mg/L	2.752	40.3	6.83451
Tl 190.807	0.020000	mg/L	0.820	16.2	5.04485
Tl 351.923	0.020000	mg/L	1.020	2.3	44.4881
V 268.796	0.020000	mg/L	60.433	30.5	198.032
V 292.401	0.020000	mg/L	13.681	2.0	679.668
V 311.837	0.020000	mg/L	4.188	0.5	847.175
Zn 202.548	0.020000	mg/L	21.719	2.3	949.948
Zn 206.200	0.020000	mg/L	3.644	1.2	301.679
Zn 213.857	0.020000	mg/L	43.448	2.8	1575.63

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21311	9727.68	25.831	0.3
Y 371.029	0.888022	146441	392.220	0.3

Standard 4 (Std) **4/6/2011, 6:39:29 PM** **Rack 2, Tube 5**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.020000	mg/L	132.163	5.4	2451.62
Ag 338.289	0.020000	mg/L	10.963	13.9	78.9725
Al 237.312	0.500000	mg/L	4.570	0.6	715.604
Al 257.509	0.500000	mg/L	8.257	2.7	308.841
Al 308.215	0.500000	mg/L	15.735	0.4	3908.87
As 188.980	0.100000	mg/L	2.159	4.8	45.2694
As 193.696	0.100000	mg/L	0.673	1.5	44.5850
As 228.812	0.100000	mg/L	96.572	123.9	77.9178

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
B 182.577	0.100000	mg/L	1.387	2.4	57.1510
B 249.678	0.100000	mg/L	9.318	1.0	943.371
B 249.772	0.100000	mg/L	23.535	1.2	1963.99
Ba 233.527	0.100000	mg/L	11.033	0.3	4238.23
Ba 455.403	0.100000	mg/L	102.888	0.1	91921.1
Ba 493.408	0.100000	mg/L	123.006	0.2	55236.8
Be 234.861	0.100000	mg/L	154.795	1.4	11343.7
Be 313.042	0.100000	mg/L	699.184	0.4	169078
Be 313.107	0.100000	mg/L	242.951	0.3	80726.0
Ca 393.366	1.00000n	mg/L	2275.609	0.2	1321953
Ca 396.847	1.00000	mg/L	3177.216	0.2	1912139
Ca 430.253	1.00000	mg/L	32.627	0.6	5793.12
Cd 214.439	0.050000	mg/L	5.721	0.5	1094.45
Cd 226.502	0.050000	mg/L	6.793	0.3	2004.80
Cd 228.802	0.050000	mg/L	9.702	1.3	776.157
Co 228.615	0.100000	mg/L	10.605	1.1	967.281
Co 230.786	0.100000	mg/L	1.902	0.3	658.618
Co 238.892	0.100000	mg/L	3.661	0.6	601.844
Cr 205.560	0.100000	mg/L	3.079	0.7	428.514
Cr 206.158	0.100000	mg/L	1.339	0.8	174.089
Cr 267.716	0.100000	mg/L	11.680	0.5	2241.36
Cu 213.598	0.100000	mg/L	4.132	1.0	427.356
Cu 324.754	0.100000	mg/L	13.891	0.4	3902.36
Cu 327.395	0.100000	mg/L	6.420	0.1	4288.62
Fe 234.350	0.100000	mg/L	73.641	8.1	907.688
Fe 238.204	0.100000	mg/L	96.705	5.0	1944.55
Fe 259.940	0.100000	mg/L	68.505	4.3	1583.28
Ga 287.423	0.100000	mg/L	10.113	4.2	242.792
Ga 294.363	0.100000	mg/L	14.500	2.3	639.854
Ga 417.204	0.100000	mg/L	72.501	7.3	998.732
K 766.491	1.00000	mg/L	160.206	0.2	77753.6
K 769.897	1.00000	mg/L	170.506	0.2	69300.3
Li 610.365	0.200000	mg/L	26.989	0.3	7902.05
Li 670.783	0.200000	mg/L	837.495	0.1	812132
Mg 279.078	1.00000	mg/L	8.425	0.5	1758.37
Mg 280.270	1.00000	mg/L	473.729	0.4	106066
Mg 285.213	1.00000	mg/L	274.044	0.8	35679.5
Mn 257.610	0.100000	mg/L	275.020	1.8	15082.8
Mn 259.372	0.100000	mg/L	222.377	2.0	11279.8
Mn 260.568	0.100000	mg/L	15.417	0.8	1995.47
Mo 202.032	0.200000	mg/L	10.257	1.5	701.414
Mo 203.846	0.200000	mg/L	2.439	0.9	281.893
Mo 204.598	0.200000	mg/L	4.770	1.4	329.232
Na 568.821	1.00000	mg/L	31.911	7.2	444.046
Na 588.995	1.00000	mg/L	1903.758	0.2	853967
Na 589.592	1.00000	mg/L	1101.466	0.3	398299
Ni 216.555	0.200000	mg/L	4.455	0.4	1140.00
Ni 221.648	0.200000	mg/L	5.136	1.1	448.867
Ni 231.604	0.200000	mg/L	3.324	0.4	741.651
P 177.434	0.100000	mg/L	0.869	4.7	18.3895
P 213.618	0.100000	mg/L	6.070	8.9	67.9755

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
P 214.914	0.100000	mg/L	2.203	9.7	22.7726
Pb 220.353	0.200000	mg/L	5.476	2.1	260.657
Pb 261.417	0.200000	mg/L	5.667	4.6	122.290
Pb 405.781	0.200000	mg/L	12.111	4.0	303.696
Sb 206.834	0.200000	mg/L	1.417	1.0	143.871
Sb 231.146	0.200000	mg/L	2.772	2.6	106.580
Sb 259.804	0.200000	mg/L	4.310	4.4	98.9236
Se 196.026	0.200000	mg/L	2.494	3.8	65.8816
Se 203.985	0.200000	mg/L	4.521	12.8	35.2735
Si 250.690	0.200000	mg/L	3.133	1.0	313.759
Si 251.611	0.200000	mg/L	8.587	2.5	339.602
Si 288.158	0.200000	mg/L	16.916	0.7	2496.91
Sn 189.927	0.200000	mg/L	0.839	1.4	61.9764
Sn 283.998	0.200000	mg/L	144.553	47.5	304.355
Sr 216.596	0.100000	mg/L	4.760	0.5	969.211
Sr 407.771	0.100000	mg/L	198.183	0.1	250297
Sr 421.552	0.100000	mg/L	511.193	0.3	157411
Ti 334.941	0.100000	mg/L	218.625	1.1	20494.9
Ti 336.122	0.100000	mg/L	53.645	0.6	8742.49
Ti 337.280	0.100000	mg/L	12.237	0.4	2972.33
Tl 190.794	0.100000	mg/L	1.189	3.1	37.8667
Tl 190.807	0.100000	mg/L	0.515	2.4	21.1684
Tl 351.923	0.100000	mg/L	14.425	9.5	151.783
V 268.796	0.100000	mg/L	262.372	29.5	888.104
V 292.401	0.100000	mg/L	13.544	0.4	3278.48
V 311.837	0.100000	mg/L	11.223	0.3	4378.69
Zn 202.548	0.100000	mg/L	38.714	2.1	1802.86
Zn 206.200	0.100000	mg/L	4.239	0.7	566.632
Zn 213.857	0.100000	mg/L	76.923	2.5	3023.97

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22075	9788.96	25.813	0.3
Y 371.029	0.892166	147124	472.703	0.3

Standard 5 (Std) **4/6/2011, 6:43:21 PM** **Rack 2, Tube 6**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.100000	mg/L	126.693	2.0	6278.58
Ag 338.289	0.100000	mg/L	14.814	4.5	330.198
Al 237.312	2.50000	mg/L	20.834	0.6	3337.99
Al 257.509	2.50000	mg/L	6.332	0.4	1507.20
Al 308.215	2.50000	mg/L	77.448	0.5	15981.5
As 188.980	0.500000	mg/L	1.025	0.5	197.338
As 193.696	0.500000	mg/L	2.389	1.1	219.414
As 228.812	0.500000	mg/L	451.643	123.4	365.913
B 182.577	0.500000	mg/L	0.724	0.3	259.092
B 249.678	0.500000	mg/L	52.330	1.2	4444.46
B 249.772	0.500000	mg/L	105.644	1.1	9191.64
Ba 233.527	0.500000	mg/L	252.570	1.2	20430.9
Ba 455.403	0.500000	mg/L	229.862	0.1	449141
Ba 493.408	0.500000	mg/L	148.965	0.1	269202

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.500000	mg/L	303.944	0.5	57943.8
Be 313.042	0.500000	mg/L	6023.967	0.7	839496
Be 313.107	0.500000	mg/L	2705.478	0.7	403715
Ca 393.366	5.00000n	mg/L	20506.297	0.3	5985765
Ca 396.847	5.00000	mg/L	34406.336	0.4	8821812
Ca 430.253	5.00000	mg/L	175.602	0.8	23255.2
Cd 214.439	0.250000	mg/L	41.502	0.7	5539.81
Cd 226.502	0.250000	mg/L	16.044	0.2	9915.11
Cd 228.802	0.250000	mg/L	33.232	0.9	3824.24
Co 228.615	0.500000	mg/L	27.341	0.6	4862.27
Co 230.786	0.500000	mg/L	29.320	0.9	3279.94
Co 238.892	0.500000	mg/L	14.338	0.5	3002.42
Cr 205.560	0.500000	mg/L	11.461	0.5	2152.69
Cr 206.158	0.500000	mg/L	7.224	0.8	882.489
Cr 267.716	0.500000	mg/L	62.570	0.6	11070.8
Cu 213.598	0.500000	mg/L	18.596	0.8	2203.90
Cu 324.754	0.500000	mg/L	63.420	0.4	17312.7
Cu 327.395	0.500000	mg/L	26.210	0.1	21444.5
Fe 234.350	0.500000	mg/L	357.290	8.0	4467.96
Fe 238.204	0.500000	mg/L	459.582	4.8	9499.91
Fe 259.940	0.500000	mg/L	325.078	4.3	7581.30
Ga 287.423	0.500000	mg/L	36.733	3.1	1185.75
Ga 294.363	0.500000	mg/L	25.084	0.8	3182.10
Ga 417.204	0.500000	mg/L	353.019	7.4	4772.97
K 766.491	5.00000	mg/L	1395.164	0.4	390926
K 769.897	5.00000	mg/L	1264.974	0.4	307039
Li 610.365	1.00000	mg/L	114.384	0.2	50420.7
Li 670.783	1.00000	mg/L	3952.578	0.1	3828254
Mg 279.078	5.00000	mg/L	15.673	0.2	8784.17
Mg 280.270	5.00000	mg/L	1657.833	0.3	532115
Mg 285.213	5.00000	mg/L	1019.424	0.6	183711
Mn 257.610	0.500000	mg/L	1335.561	1.7	76446.5
Mn 259.372	0.500000	mg/L	1169.273	2.1	56681.2
Mn 260.568	0.500000	mg/L	137.009	1.4	9917.20
Mo 202.032	1.00000	mg/L	81.558	2.2	3667.05
Mo 203.846	1.00000	mg/L	32.064	2.1	1498.25
Mo 204.598	1.00000	mg/L	31.980	1.8	1753.41
Na 568.821	5.00000	mg/L	31.720	2.2	1437.40
Na 588.995	5.00000	mg/L	25886.004	0.7	3508573
Na 589.592	5.00000	mg/L	9953.109	0.6	1767819
Ni 216.555	1.00000	mg/L	12.679	0.2	5745.27
Ni 221.648	1.00000	mg/L	6.869	0.3	2256.97
Ni 231.604	1.00000	mg/L	27.955	0.8	3707.73
P 177.434	0.500000	mg/L	0.615	0.7	84.2983
P 213.618	0.500000	mg/L	17.955	5.1	353.827
P 214.914	0.500000	mg/L	8.881	8.5	104.236
Pb 220.353	1.00000	mg/L	7.174	0.6	1299.28
Pb 261.417	1.00000	mg/L	2.644	0.5	550.986
Pb 405.781	1.00000	mg/L	16.698	1.2	1414.25
Sb 206.834	1.00000	mg/L	5.995	1.1	531.485
Sb 231.146	1.00000	mg/L	5.927	1.4	411.778

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sb 259.804	1.00000	mg/L	4.943	1.4	352.655
Se 196.026	1.00000	mg/L	13.464	4.2	319.074
Se 203.985	1.00000	mg/L	13.865	7.8	177.389
Si 250.690	1.00000	mg/L	13.606	1.0	1361.29
Si 251.611	1.00000	mg/L	37.314	2.4	1528.05
Si 288.158	1.00000	mg/L	39.183	0.5	8431.01
Sn 189.927	1.00000	mg/L	0.559	0.2	305.728
Sn 283.998	1.00000	mg/L	719.811	48.6	1482.58
Sr 216.596	0.500000	mg/L	7.699	0.2	4799.08
Sr 407.771	0.500000	mg/L	14614.763	1.2	1209582
Sr 421.552	0.500000	mg/L	5011.791	0.7	762854
Ti 334.941	0.500000	mg/L	1986.245	2.0	100530
Ti 336.122	0.500000	mg/L	433.870	1.0	43415.3
Ti 337.280	0.500000	mg/L	115.243	0.8	14981.2
Tl 190.794	0.500000	mg/L	1.520	0.8	187.855
Tl 190.807	0.500000	mg/L	1.810	1.8	100.230
Tl 351.923	0.500000	mg/L	7.188	1.0	706.978
V 268.796	0.500000	mg/L	1376.517	31.9	4308.66
V 292.401	0.500000	mg/L	47.384	0.3	16362.3
V 311.837	0.500000	mg/L	72.659	0.3	22521.5
Zn 202.548	0.500000	mg/L	131.302	2.2	6051.74
Zn 206.200	0.500000	mg/L	19.126	1.0	1910.98
Zn 213.857	0.500000	mg/L	289.738	2.9	10012.6

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.19734	9601.21	87.714	0.9
Y 371.029	0.871093	143649	1366.447	1.0

Standard 6 (Std) **4/6/2011, 6:47:34 PM** **Rack 2, Tube 7**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.400000	mg/L	140.975	0.7	21018.6
Ag 338.289	0.400000	mg/L	42.226	3.3	1262.72
Al 237.312	10.0000	mg/L	24.368	0.2	13151.9
Al 257.509	10.0000	mg/L	16.503	0.3	6068.80
Al 308.215	10.0000	mg/L	291.916	0.5	61310.3
As 188.980	2.00000	mg/L	5.258	0.7	789.946
As 193.696	2.00000	mg/L	3.420	0.4	896.648
As 228.812	2.00000	mg/L	1825.086	123.2	1481.46
B 182.577	2.00000	mg/L	6.859	0.7	1031.46
B 249.678	2.00000	mg/L	242.118	1.4	17803.8
B 249.772	2.00000	mg/L	550.062	1.5	37255.3
Ba 233.527	2.00000	mg/L	331.647	0.4	81884.8
Ba 455.403	2.00000	mg/L	4253.814	0.2	1730222
Ba 493.408	2.00000	mg/L	3710.514	0.4	1044568
Be 234.861	2.00000	mg/L	157.295	0.1	233701
Be 313.042	2.00000	mg/L	3456.236	0.1	3356350
Be 313.107	2.00000	mg/L	1820.426	0.1	1618719
Ca 393.366	20.0000n	mg/L	50529.922	0.2	21113642
Ca 396.847	20.0000o	mg/L	940476.000	2.8	33667712
Ca 430.253	20.0000	mg/L	487.496	0.5	90326.9

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 214.439	1.00000	mg/L	281.360	1.3	22113.2
Cd 226.502	1.00000	mg/L	242.658	0.6	39924.4
Cd 228.802	1.00000	mg/L	26.430	0.2	15235.4
Co 228.615	2.00000	mg/L	36.535	0.2	19333.6
Co 230.786	2.00000	mg/L	12.441	0.1	13050.7
Co 238.892	2.00000	mg/L	37.703	0.3	12001.7
Cr 205.560	2.00000	mg/L	51.066	0.6	8608.15
Cr 206.158	2.00000	mg/L	14.043	0.4	3501.78
Cr 267.716	2.00000	mg/L	148.929	0.3	44196.8
Cu 213.598	2.00000	mg/L	133.587	1.5	8782.60
Cu 324.754	2.00000	mg/L	427.045	0.6	67735.3
Cu 327.395	2.00000	mg/L	460.861	0.5	84809.4
Fe 234.350	2.00000	mg/L	1429.989	8.0	17834.8
Fe 238.204	2.00000	mg/L	1844.917	4.8	38235.3
Fe 259.940	2.00000	mg/L	1301.452	4.3	30522.5
Ga 287.423	2.00000	mg/L	144.148	3.1	4690.26
Ga 294.363	2.00000	mg/L	71.459	0.6	12864.4
Ga 417.204	2.00000	mg/L	1436.916	7.5	19149.9
K 766.491	20.0000	mg/L	5047.631	0.3	1483993
K 769.897	20.0000	mg/L	3780.658	0.3	1196324
Li 610.365	4.00000	mg/L	421.377	0.2	217145
Li 670.783	4.00000	mg/L	44001.609	0.3	14206999
Mg 279.078	20.0000	mg/L	209.446	0.6	35631.6
Mg 280.270	20.0000	mg/L	14429.793	0.7	2018248
Mg 285.213	20.0000	mg/L	2080.651	0.3	746446
Mn 257.610	2.00000	mg/L	7330.475	2.4	304220
Mn 259.372	2.00000	mg/L	6049.695	2.7	225387
Mn 260.568	2.00000	mg/L	475.142	1.2	40098.7
Mo 202.032	4.00000	mg/L	301.572	2.0	15387.5
Mo 203.846	4.00000	mg/L	124.240	2.0	6300.50
Mo 204.598	4.00000	mg/L	156.479	2.1	7423.75
Na 568.821	20.0000	mg/L	108.062	2.0	5399.33
Na 588.995	20.0000	mg/L	54793.816	0.4	12280652
Na 589.592	20.0000	mg/L	26266.865	0.4	6726043
Ni 216.555	4.00000	mg/L	41.376	0.2	22949.2
Ni 221.648	4.00000	mg/L	9.632	0.1	9081.22
Ni 231.604	4.00000	mg/L	24.795	0.2	14753.0
P 177.434	2.00000	mg/L	2.320	0.7	334.147
P 213.618	2.00000	mg/L	74.759	5.2	1424.94
P 214.914	2.00000	mg/L	35.313	8.6	408.823
Pb 220.353	4.00000	mg/L	7.275	0.1	5217.50
Pb 261.417	4.00000	mg/L	8.074	0.4	2169.80
Pb 405.781	4.00000	mg/L	60.088	1.1	5598.48
Sb 206.834	4.00000	mg/L	21.329	0.7	2844.67
Sb 231.146	4.00000	mg/L	22.340	1.0	2160.62
Sb 259.804	4.00000	mg/L	27.524	1.5	1872.77
Se 196.026	4.00000	mg/L	32.484	2.4	1346.57
Se 203.985	4.00000	mg/L	53.315	7.0	757.598
Si 250.690	4.00000	mg/L	45.466	0.9	5304.19
Si 251.611	4.00000	mg/L	152.097	2.5	6000.87
Si 288.158	4.00000	mg/L	202.819	0.7	30691.9

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sn 189.927	4.00000	mg/L	0.831	0.1	1226.44
Sn 283.998	4.00000	mg/L	2841.386	48.3	5887.93
Sr 216.596	2.00000	mg/L	25.394	0.1	19090.5
Sr 407.771	2.00000	mg/L	23666.178	0.5	4765494
Sr 421.552	2.00000	mg/L	22217.195	0.7	3024979
Ti 334.941	2.00000	mg/L	3554.233	0.9	405794
Ti 336.122	2.00000	mg/L	1688.205	1.0	172465
Ti 337.280	2.00000	mg/L	247.463	0.4	60645.6
Tl 190.794	2.00000	mg/L	5.207	0.7	756.353
Tl 190.807	2.00000	mg/L	8.697	2.2	398.947
Tl 351.923	2.00000	mg/L	19.940	0.7	2828.75
V 268.796	2.00000	mg/L	5782.430	33.7	17166.8
V 292.401	2.00000	mg/L	246.333	0.4	65575.2
V 311.837	2.00000	mg/L	224.079	0.3	89500.4
Zn 202.548	2.00000	mg/L	478.071	2.2	21996.9
Zn 206.200	2.00000	mg/L	63.618	0.9	6936.78
Zn 213.857	2.00000	mg/L	987.461	2.7	36868.3

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18118	9471.62	98.399	1.0
Y 371.029	0.857387	141389	1553.617	1.1

Standard 7 (Std) **4/6/2011, 6:51:48 PM** **Rack 2, Tube 8**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ca 393.366	100.000on	mg/L	166852.125	0.4	43070728
Ca 396.847	100.000o	mg/L	103407.813	0.2	41665628
Ca 430.253	100.000	mg/L	2281.834	0.5	452645
Mg 279.078	100.000	mg/L	604.386	0.3	175777
Mg 280.270	100.000	mg/L	17532.150	0.2	7520288
Mg 285.213	100.000	mg/L	9624.788	0.3	3374134
Na 568.821	100.000	mg/L	513.988	1.9	27397.1
Na 588.995	100.000o	mg/L	562237.688	1.7	32816744
Na 589.592	100.000o	mg/L	929881.688	3.3	28513428

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17768	9443.59	29.579	0.3
Y 371.029	0.871004	143635	519.201	0.4

Ag 328.068 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999954**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1619.18	0.000000	0.002601	-	-
Standard 3		1661.27	0.004000	0.003465	-0.000535	-13.4
Standard 4		2451.62	0.020000	0.019679	-0.000321	-1.6
Standard 5		6278.58	0.100000	0.098189	-0.001811	-1.8
Standard 6		21018.6	0.400000	0.400582	0.000582	0.1

Curve Type: Linear Equation: y = 48744.6 x + 1492.4

Ag 338.289 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999858**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		40.5005	0.000000	0.002700	-	-
Standard 3		41.8542	0.004000	0.003148	-0.000852	-21.3
Standard 4		78.9725	0.020000	0.015416	-0.004584	-22.9
Standard 5		330.198	0.100000	0.098450	-0.001550	-1.6
Standard 6		1262.72	0.400000	0.406663	0.006663	1.7

Curve Type: Linear Equation: y = 3025.6 x + 32.3

Al 237.312 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		63.8953	0.000000	0.002456	-	-
Standard 2		99.4325	0.025000	0.029602	0.004602	18.4
Standard 3		191.380	0.100000	0.099839	-0.000161	-0.2
Standard 4		715.604	0.500000	0.500282	0.000282	0.1
Standard 5		3337.99	2.50000	2.50346	0.003465	0.1
Standard 6		13151.9	10.0000	10.0001	0.000071	0.0

Curve Type: Linear Equation: y = 1309.1 x + 60.7

Al 257.509 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999993**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		15.7865	0.000000	0.003969	-	-
Standard 2		26.7614	0.025000	0.022167	-0.002833	-11.3
Standard 3		77.3663	0.100000	0.106076	0.006076	6.1
Standard 4		308.841	0.500000	0.489888	-0.010112	-2.0
Standard 5		1507.20	2.50000	2.47691	-0.023090	-0.9
Standard 6		6068.80	10.0000	10.0406	0.040597	0.4

Curve Type: Linear Equation: y = 603.1 x + 13.4

Al 308.215 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		953.574	0.000000	0.000219	-	-
Standard 2		1102.12	0.025000	0.025022	0.000022	0.1
Standard 3		1547.11	0.100000	0.099327	-0.000673	-0.7
Standard 4		3908.87	0.500000	0.493691	-0.006309	-1.3
Standard 5		15981.5	2.50000	2.50956	0.009559	0.4
Standard 6		61310.3	10.0000	10.0785	0.078515	0.8

Curve Type: Linear Equation: y = 5988.8 x + 952.3

As 188.980 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.37354	0.000000	-0.000102	-	-
Standard 2		9.01585	0.005000	0.009307	0.004307	86.1
Standard 3		16.9019	0.020000	0.029678	0.009678	48.4
Standard 4		45.2694	0.100000	0.102956	0.002956	3.0
Standard 5		197.338	0.500000	0.495776	-0.004224	-0.8
Standard 6		789.946	2.00000	2.02658	0.026585	1.3

Curve Type: Linear Equation: y = 387.1 x + 5.4

As 193.696 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999974

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.44850	0.000000	0.003136	-	-
Standard 2		3.83966	0.005000	0.006256	0.001256	25.1
Standard 3		10.7637	0.020000	0.021781	0.001781	8.9
Standard 4		44.5850	0.100000	0.097619	-0.002381	-2.4
Standard 5		219.414	0.500000	0.489637	-0.010363	-2.1
Standard 6		896.648	2.00000	2.00819	0.008193	0.4

Curve Type: Linear Equation: y = 446.0 x + 1.0

As 228.812 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999952

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		15.0096	0.000000	0.000056	-	-
Standard 2		10.7165	0.005000	-0.007083	-0.012083	-241.7
Standard 3		19.7302	0.020000	0.007907	-0.012093	-60.5
Standard 4		77.9178	0.100000	0.104678	0.004678	4.7
Standard 5		365.913	0.500000	0.583638	0.083638	16.7
Standard 6		1481.46	2.00000	2.43889	0.438892	21.9

Maximum error exceeded.
Curve Type: Linear Equation: y = 601.3 x + 15.0

B 182.577 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.67590	0.000000	-0.002055	-	-
Standard 3		15.1017	0.020000	0.020366	0.000366	1.8
Standard 4		57.1510	0.100000	0.102883	0.002883	2.9
Standard 5		259.092	0.500000	0.499167	-0.000833	-0.2
Standard 6		1031.46	2.00000	2.01484	0.014839	0.7

Curve Type: Linear Equation: y = 509.6 x + 4.7

B 249.678 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999996**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.1177	0.000000	-0.000903	-	-
Standard 3		200.817	0.020000	0.019927	-0.000073	-0.4
Standard 4		943.371	0.100000	0.102332	0.002332	2.3
Standard 5		4444.46	0.500000	0.490864	-0.009136	-1.8
Standard 6		17803.8	2.00000	1.97341	-0.026588	-1.3

Curve Type: Linear Equation: y = 9011.1 x + 21.3

B 249.772 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999987**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		39.2307	0.000000	-0.000476	-	-
Standard 3		431.774	0.020000	0.020465	0.000465	2.3
Standard 4		1963.99	0.100000	0.102208	0.002208	2.2
Standard 5		9191.64	0.500000	0.487796	-0.012204	-2.4
Standard 6		37255.3	2.00000	1.98497	-0.015035	-0.8

Curve Type: Linear Equation: y = 18744.5 x + 48.2

Ba 233.527 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		195.684	0.000000	0.000004	-	-
Standard 2		397.096	0.005000	0.004968	-0.000032	-0.6
Standard 3		1008.59	0.020000	0.020039	0.000039	0.2
Standard 4		4238.23	0.100000	0.099634	-0.000366	-0.4
Standard 5		20430.9	0.500000	0.498708	-0.001292	-0.3
Standard 6		81884.8	2.00000	2.01326	0.013257	0.7

Curve Type: Linear Equation: y = 40575.7 x + 195.5

Ba 455.403 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999969**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4078.66	0.000000	-0.000009	-	-
Standard 2		8575.45	0.005000	0.005057	0.000057	1.1
Standard 3		22040.9	0.020000	0.020224	0.000224	1.1
Standard 4		91921.1	0.100000	0.098935	-0.001065	-1.1
Standard 5		449141	0.500000	0.501300	0.001300	0.3
Standard 6		1730222	2.00000	1.94428	-0.055718	-2.8

Curve Type: Linear Equation: y = 887801.1 x + 4086.3

Ba 493.408 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999982

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2480.50	0.000000	-0.000058	-	-
Standard 2		5174.04	0.005000	0.004997	-0.000003	-0.1
Standard 3		13232.1	0.020000	0.020117	0.000117	0.6
Standard 4		55236.8	0.100000	0.098935	-0.001065	-1.1
Standard 5		269202	0.500000	0.500419	0.000419	0.1
Standard 6		1044568	2.00000	1.95532	-0.044682	-2.2

Curve Type: Linear Equation: y = 532934.7 x + 2511.2

Be 234.861 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-1.44047	0.000000	0.000095	-	-
Standard 1		109.517	0.001000	0.001048	0.000048	4.8
Standard 2		561.514	0.005000	0.004931	-0.000069	-1.4
Standard 3		2286.68	0.020000	0.019749	-0.000251	-1.3
Standard 4		11343.7	0.100000	0.097546	-0.002454	-2.5
Standard 5		57943.8	0.500000	0.497824	-0.002176	-0.4
Standard 6		233701	2.00000	2.00751	0.007512	0.4

Curve Type: Linear Equation: y = 116419.2 x + -12.5

Be 313.042 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1298.37	0.000000	-0.000008	-	-
Standard 1		2990.25	0.001000	0.001002	0.000002	0.2
Standard 2		9598.46	0.005000	0.004947	-0.000053	-1.1
Standard 3		34711.6	0.020000	0.019939	-0.000061	-0.3
Standard 4		169078	0.100000	0.100155	0.000155	0.2
Standard 5		839496	0.500000	0.500391	0.000391	0.1
Standard 6		3356350	2.00000	2.00294	0.002941	0.1

Curve Type: Linear Equation: y = 1675055.8 x + 1311.9

Be 313.107 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		72.1075	0.000000	0.000000	-	-
Standard 1		873.287	0.001000	0.000990	-0.000010	-1.0
Standard 2		4126.06	0.005000	0.005010	0.000010	0.2
Standard 3		16279.7	0.020000	0.020029	0.000029	0.1
Standard 4		80726.0	0.100000	0.099668	-0.000332	-0.3
Standard 5		403715	0.500000	0.498801	-0.001199	-0.2
Standard 6		1618719	2.00000	2.00024	0.000238	0.0

Curve Type: Linear Equation: y = 809227.1 x + 72.0

Ca 393.366 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999460

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank	n	15969.5	0.000000	-0.003234	-	-
Standard 2	n	89421.5	0.050000	0.054083	0.004083	8.2
Standard 3	n	290001	0.200000	0.210601	0.010601	5.3
Standard 4	n	1321953	1.00000	1.01586	0.015865	1.6
Standard 5	n	5985765	5.00000	4.65518	-0.344820	-6.9
Standard 6	n	21113642	20.0000	16.4599	-3.54008	-17.7

Curve Type: Linear Equation: y = 1281508.1 x + 20113.7

Ca 396.847 Calibration (mg/L) 4/6/2011, 6:43:21 PM Correlation Coefficient: 0.999901

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22971.8	0.000000	-0.001983	-	-
Standard 2		128864	0.050000	0.051636	0.001636	3.3
Standard 3		419175	0.200000	0.198635	-0.001365	-0.7
Standard 4		1912139	1.00000	0.954595	-0.045405	-4.5
Standard 5		8821812	5.00000	4.45330	-0.546699	-10.9

Curve Type: Linear Equation: y = 1974922.3 x + 26887.6

Ca 430.253 Calibration (mg/L) 4/6/2011, 6:51:48 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1259.50	0.000000	-0.024478	-	-
Standard 2		1567.07	0.050000	0.044447	-0.005553	-11.1
Standard 3		2309.39	0.200000	0.210799	0.010799	5.4
Standard 4		5793.12	1.00000	0.991488	-0.008512	-0.9
Standard 5		23255.2	5.00000	4.90466	-0.095339	-1.9
Standard 6		90326.9	20.0000	19.9352	-0.064825	-0.3
Standard 7		452645	100.000	101.129	1.12917	1.1

Curve Type: Linear Equation: y = 4462.4 x + 1368.7

Cd 214.439 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.28769	0.000000	0.000272	-	-
Standard 1		13.1556	0.000500	0.000677	0.000177	35.4
Standard 2		53.6936	0.002500	0.002527	0.000027	1.1
Standard 3		214.689	0.010000	0.009875	-0.000125	-1.3
Standard 4		1094.45	0.050000	0.050027	0.000027	0.1
Standard 5		5539.81	0.250000	0.252911	0.002911	1.2
Standard 6		22113.2	1.00000	1.00931	0.009311	0.9

Curve Type: Linear Equation: y = 21910.8 x + -1.7

Cd 226.502 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24.5755	0.000000	0.000170	-	-
Standard 1		43.0606	0.000500	0.000637	0.000137	27.4
Standard 2		114.796	0.002500	0.002447	-0.000053	-2.1
Standard 3		414.903	0.010000	0.010020	0.000020	0.2
Standard 4		2004.80	0.050000	0.050140	0.000140	0.3
Standard 5		9915.11	0.250000	0.249752	-0.000248	-0.1
Standard 6		39924.4	1.00000	1.00702	0.007019	0.7

Curve Type: Linear Equation: y = 39628.4 x + 17.8

Cd 228.802 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		23.5279	0.000000	0.000013	-	-
Standard 1		32.0593	0.000500	0.000574	0.000074	14.8
Standard 2		58.2329	0.002500	0.002295	-0.000205	-8.2
Standard 3		177.111	0.010000	0.010111	0.000111	1.1
Standard 4		776.157	0.050000	0.049498	-0.000502	-1.0
Standard 5		3824.24	0.250000	0.249906	-0.000094	0.0
Standard 6		15235.4	1.00000	1.00018	0.000175	0.0

Curve Type: Linear Equation: y = 15209.4 x + 23.3

Co 228.615 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		12.6254	0.000000	0.000023	-	-
Standard 2		55.5569	0.005000	0.004467	-0.000533	-10.7
Standard 3		200.579	0.020000	0.019479	-0.000521	-2.6
Standard 4		967.281	0.100000	0.098842	-0.001158	-1.2
Standard 5		4862.27	0.500000	0.502023	0.002023	0.4
Standard 6		19333.6	2.00000	1.99999	-0.000013	0.0

Curve Type: Linear Equation: y = 9660.7 x + 12.4

Co 230.786 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.4817	0.000000	0.000306	-	-
Standard 2		40.7085	0.005000	0.004943	-0.000057	-1.1
Standard 3		140.062	0.020000	0.020182	0.000182	0.9
Standard 4		658.618	0.100000	0.099722	-0.000278	-0.3
Standard 5		3279.94	0.500000	0.501800	0.001800	0.4
Standard 6		13050.7	2.00000	2.00050	0.000503	0.0

Curve Type: Linear Equation: y = 6519.4 x + 8.5

Co 238.892 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.97502	0.000000	-0.000136	-	-
Standard 2		38.3871	0.005000	0.005277	0.000277	5.5
Standard 3		124.927	0.020000	0.019732	-0.000268	-1.3
Standard 4		601.844	0.100000	0.099390	-0.000610	-0.6
Standard 5		3002.42	0.500000	0.500351	0.000351	0.1
Standard 6		12001.7	2.00000	2.00347	0.003474	0.2

Curve Type: Linear Equation: y = 5987.1 x + 6.8

Cr 205.560 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.25586	0.000000	0.000023	-	-
Standard 1		10.9054	0.001000	0.001111	0.000111	11.1
Standard 2		25.2585	0.005000	0.004470	-0.000530	-10.6
Standard 3		86.7104	0.020000	0.018849	-0.001151	-5.8
Standard 4		428.514	0.100000	0.098830	-0.001170	-1.2
Standard 5		2152.69	0.500000	0.502282	0.002282	0.5
Standard 6		8608.15	2.00000	2.01284	0.012836	0.6

Curve Type: Linear Equation: y = 4273.6 x + 6.2

Cr 206.158 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.96378	0.000000	0.000143	-	-
Standard 1		6.53375	0.001000	0.002759	0.001759	175.9
Standard 2		12.0875	0.005000	0.005937	0.000937	18.7
Standard 3		36.7581	0.020000	0.020057	0.000057	0.3
Standard 4		174.089	0.100000	0.098657	-0.001343	-1.3
Standard 5		882.489	0.500000	0.504101	0.004101	0.8
Standard 6		3501.78	2.00000	2.00322	0.003222	0.2

Maximum error exceeded.
Curve Type: Linear Equation: y = 1747.2 x + 1.7

Cr 267.716 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		20.8566	0.000000	-0.000077	-	-
Standard 1		53.7741	0.001000	0.001411	0.000411	41.1
Standard 2		136.477	0.005000	0.005149	0.000149	3.0
Standard 3		469.335	0.020000	0.020194	0.000194	1.0
Standard 4		2241.36	0.100000	0.100290	0.000290	0.3
Standard 5		11070.8	0.500000	0.499382	-0.000618	-0.1
Standard 6		44196.8	2.00000	1.99669	-0.003314	-0.2

Curve Type: Linear Equation: y = 22123.8 x + 22.6

Cu 213.598 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.13049	0.000000	0.000171	-	-
Standard 1		5.28389	0.001000	0.000668	-0.000332	-33.2
Standard 2		22.2622	0.005000	0.004589	-0.000411	-8.2
Standard 3		83.7132	0.020000	0.018782	-0.001218	-6.1
Standard 4		427.356	0.100000	0.098148	-0.001852	-1.9
Standard 5		2203.90	0.500000	0.508450	0.008450	1.7
Standard 6		8782.60	2.00000	2.02784	0.027837	1.4

Curve Type: Linear Equation: y = 4329.8 x + 2.4

Cu 324.754 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		605.721	0.000000	0.000663	-	-
Standard 1		626.228	0.001000	0.001278	0.000278	27.8
Standard 2		750.067	0.005000	0.004991	-0.000009	-0.2
Standard 3		1247.81	0.020000	0.019914	-0.000086	-0.4
Standard 4		3902.36	0.100000	0.099503	-0.000497	-0.5
Standard 5		17312.7	0.500000	0.501570	0.001570	0.3
Standard 6		67735.3	2.00000	2.01334	0.013339	0.7

Curve Type: Linear Equation: y = 33353.4 x + 583.6

Cu 327.395 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		57.8482	0.000000	0.000796	-	-
Standard 1		68.5831	0.001000	0.001047	0.000047	4.7
Standard 2		256.499	0.005000	0.005442	0.000442	8.8
Standard 3		879.547	0.020000	0.020015	0.000015	0.1
Standard 4		4288.62	0.100000	0.099750	-0.000250	-0.3
Standard 5		21444.5	0.500000	0.501008	0.001008	0.2
Standard 6		84809.4	2.00000	1.98305	-0.016948	-0.8

Curve Type: Linear Equation: y = 42755.1 x + 23.8

Fe 234.350 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.73259	0.000000	-0.000412	-	-
Standard 2		69.6396	0.005000	0.006341	0.001341	26.8
Standard 3		188.921	0.020000	0.019568	-0.000432	-2.2
Standard 4		907.688	0.100000	0.099267	-0.000733	-0.7
Standard 5		4467.96	0.500000	0.494040	-0.005960	-1.2
Standard 6		17834.8	2.00000	1.97620	-0.023800	-1.2

Curve Type: Linear Equation: y = 9018.5 x + 12.4

Fe 238.204 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.7589	0.000000	-0.000129	-	-
Standard 2		150.948	0.005000	0.006745	0.001745	34.9
Standard 3		395.900	0.020000	0.019483	-0.000517	-2.6
Standard 4		1944.55	0.100000	0.100017	0.000017	0.0
Standard 5		9499.91	0.500000	0.492916	-0.007084	-1.4
Standard 6		38235.3	2.00000	1.98723	-0.012767	-0.6

Curve Type: Linear Equation: y = 19229.8 x + 21.2

Fe 259.940 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		40.3624	0.000000	-0.000019	-	-
Standard 2		145.391	0.005000	0.006811	0.001811	36.2
Standard 3		348.761	0.020000	0.020035	0.000035	0.2
Standard 4		1583.28	0.100000	0.100309	0.000309	0.3
Standard 5		7581.30	0.500000	0.490325	-0.009675	-1.9
Standard 6		30522.5	2.00000	1.98206	-0.017941	-0.9

Curve Type: Linear Equation: y = 15378.9 x + 40.6

Ga 287.423 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		12.3228	0.000000	-0.000062	-	-
Standard 2		27.7446	0.005000	0.006556	0.001556	31.1
Standard 3		56.6177	0.020000	0.018945	-0.001055	-5.3
Standard 4		242.792	0.100000	0.098830	-0.001170	-1.2
Standard 5		1185.75	0.500000	0.503441	0.003441	0.7
Standard 6		4690.26	2.00000	2.00719	0.007189	0.4

Curve Type: Linear Equation: y = 2330.5 x + 12.5

Ga 294.363 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999992**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		29.7842	0.000000	0.001158	-	-
Standard 2		40.4575	0.005000	0.002833	-0.002167	-43.3
Standard 3		121.744	0.020000	0.015586	-0.004414	-22.1
Standard 4		639.854	0.100000	0.096875	-0.003125	-3.1
Standard 5		3182.10	0.500000	0.495742	-0.004258	-0.9
Standard 6		12864.4	2.00000	2.01485	0.014850	0.7

Curve Type: Linear Equation: y = 6373.7 x + 22.4

Ga 417.204 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999991**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		76.8433	0.000000	-0.000412	-	-
Standard 2		128.449	0.005000	0.005064	0.000064	1.3
Standard 3		279.041	0.020000	0.021043	0.001043	5.2
Standard 4		998.732	0.100000	0.097409	-0.002591	-2.6
Standard 5		4772.97	0.500000	0.497890	-0.002110	-0.4
Standard 6		19149.9	2.00000	2.02341	0.023413	1.2

Curve Type: Linear Equation: y = 9424.3 x + 80.7

K 766.491 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999923**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2249.83	0.000000	0.000126	-	-
Standard 1		3012.49	0.010000	0.010216	0.000216	2.2
Standard 2		5959.58	0.050000	0.049210	-0.000790	-1.6
Standard 3		17388.6	0.200000	0.200427	0.000427	0.2
Standard 4		77753.6	1.00000	0.999118	-0.000882	-0.1
Standard 5		390926	5.00000	5.14271	0.142711	2.9
Standard 6		1483993	20.0000	19.6051	-0.394896	-2.0

Curve Type: Linear Equation: y = 75580.0 x + 2240.3

K 769.897 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		12851.9	0.000000	-0.000652	-	-
Standard 1		13629.7	0.010000	0.012775	0.002775	27.8
Standard 2		15906.0	0.050000	0.052072	0.002072	4.1
Standard 3		24553.5	0.200000	0.201357	0.001357	0.7
Standard 4		69300.3	1.00000	0.973838	-0.026162	-2.6
Standard 5		307039	5.00000	5.07802	0.078024	1.6
Standard 6		1196324	20.0000	20.4301	0.430105	2.2

Curve Type: Linear Equation: y = 57926.0 x + 12889.7

Li 610.365 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999835**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.5288	0.000000	0.005065	-	-
Standard 2		-38.6480	0.010000	0.003879	-0.006121	-61.2
Standard 3		576.264	0.040000	0.016626	-0.023374	-58.4
Standard 4		7902.05	0.200000	0.168479	-0.031521	-15.8
Standard 5		50420.7	1.00000	1.04983	0.049831	5.0
Standard 6		217145	4.00000	4.50578	0.505785	12.6

Curve Type: Linear Equation: y = 48242.5 x + -225.8

Li 670.783 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999876

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		71043.5	0.000000	-0.000199	-	-
Standard 2		111409	0.010000	0.010626	0.000626	6.3
Standard 3		224004	0.040000	0.040823	0.000823	2.1
Standard 4		812132	0.200000	0.198551	-0.001449	-0.7
Standard 5		3828254	1.00000	1.00744	0.007438	0.7
Standard 6		14206999	4.00000	3.79089	-0.209110	-5.2

Curve Type: Linear Equation: y = 3728731.5 x + 71786.9

Mg 279.078 Calibration (mg/L) 4/6/2011, 6:51:48 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.9537	0.000000	0.001687	-	-
Standard 1		36.7873	0.010000	0.012418	0.002418	24.2
Standard 2		105.576	0.050000	0.051614	0.001614	3.2
Standard 3		362.220	0.200000	0.197850	-0.002150	-1.1
Standard 4		1758.37	1.00000	0.993378	-0.006622	-0.7
Standard 5		8784.17	5.00000	4.99669	-0.003314	-0.1
Standard 6		35631.6	20.0000	20.2943	0.294346	1.5
Standard 7		175777	100.000	100.149	0.149269	0.1

Curve Type: Linear Equation: y = 1755.0 x + 15.0

Mg 280.270 Calibration (mg/L) 4/6/2011, 6:51:48 PM Correlation Coefficient: 0.997632

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		314.895	0.000000	-0.001757	-	-
Standard 1		1402.49	0.010000	0.010219	0.000219	2.2
Standard 2		5647.38	0.050000	0.056958	0.006958	13.9
Standard 3		21786.6	0.200000	0.234665	0.034665	17.3
Standard 4		106066	1.00000	1.16266	0.162655	16.3
Standard 5		532115	5.00000	5.85381	0.853813	17.1
Standard 6		2018248	20.0000	22.2174	2.21738	11.1
Standard 7		7520288	100.000	82.7995	-17.2005	-17.2

Curve Type: Linear Equation: y = 90819.6 x + 474.4

Mg 285.213 Calibration (mg/L) 4/6/2011, 6:51:48 PM Correlation Coefficient: 0.999773

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		82.2344	0.000000	0.000067	-	-
Standard 1		439.903	0.010000	0.010154	0.000154	1.5
Standard 2		1825.59	0.050000	0.049231	-0.000769	-1.5
Standard 3		7108.86	0.200000	0.198221	-0.001779	-0.9
Standard 4		35679.5	1.00000	1.00392	0.003925	0.4
Standard 5		183711	5.00000	5.17848	0.178481	3.6
Standard 6		746446	20.0000	21.0478	1.04782	5.2
Standard 7		3374134	100.000	95.1496	-4.85036	-4.9

Curve Type: Linear Equation: y = 35460.5 x + 79.8

Mn 257.610 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.40739	0.000000	0.000001	-	-
Standard 2		751.606	0.005000	0.004942	-0.000058	-1.2
Standard 3		3034.00	0.020000	0.019994	-0.000006	0.0
Standard 4		15082.8	0.100000	0.099456	-0.000544	-0.5
Standard 5		76446.5	0.500000	0.504149	0.004149	0.8
Standard 6		304220	2.00000	2.00631	0.006315	0.3

Curve Type: Linear Equation: y = 151630.2 x + 2.3

Mn 259.372 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		41.8084	0.000000	-0.000001	-	-
Standard 2		615.952	0.005000	0.005070	0.000070	1.4
Standard 3		2312.81	0.020000	0.020056	0.000056	0.3
Standard 4		11279.8	0.100000	0.099252	-0.000748	-0.7
Standard 5		56681.2	0.500000	0.500237	0.000237	0.0
Standard 6		225387	2.00000	1.99024	-0.009756	-0.5

Curve Type: Linear Equation: y = 113224.8 x + 41.9

Mn 260.568 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.41983	0.000000	-0.000024	-	-
Standard 2		105.185	0.005000	0.005078	0.000078	1.6
Standard 3		403.964	0.020000	0.020057	0.000057	0.3
Standard 4		1995.47	0.100000	0.099844	-0.000156	-0.2
Standard 5		9917.20	0.500000	0.496982	-0.003018	-0.6
Standard 6		40098.7	2.00000	2.01006	0.010063	0.5

Curve Type: Linear Equation: y = 19947.0 x + 3.9

Mo 202.032 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999914

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		26.6108	0.000000	0.001115	-	-
Standard 2		59.4995	0.010000	0.010404	0.000404	4.0
Standard 3		157.144	0.040000	0.037984	-0.002016	-5.0
Standard 4		701.414	0.200000	0.191713	-0.008287	-4.1
Standard 5		3667.05	1.00000	1.02935	0.029354	2.9
Standard 6		15387.5	4.00000	4.33978	0.339782	8.5

Curve Type: Linear Equation: y = 3540.5 x + 22.7

Mo 203.846 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999910

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.77797	0.000000	0.000989	-	-
Standard 2		22.6869	0.010000	0.011541	0.001541	15.4
Standard 3		62.6220	0.040000	0.039804	-0.000196	-0.5
Standard 4		281.893	0.200000	0.194987	-0.005013	-2.5
Standard 5		1498.25	1.00000	1.05583	0.055832	5.6
Standard 6		6300.50	4.00000	4.45450	0.454497	11.4

Curve Type: Linear Equation: y = 1413.0 x + 6.4

Mo 204.598 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999897

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.13060	0.000000	0.004392	-	-
Standard 2		19.5986	0.010000	0.011697	0.001697	17.0
Standard 3		65.3248	0.040000	0.038486	-0.001514	-3.8
Standard 4		329.232	0.200000	0.193099	-0.006901	-3.5
Standard 5		1753.41	1.00000	1.02747	0.027471	2.7
Standard 6		7423.75	4.00000	4.34950	0.349503	8.7

Curve Type: Linear Equation: y = 1706.9 x + -0.4

Na 568.821 Calibration (mg/L) 4/6/2011, 6:51:48 PM Correlation Coefficient: 0.999955

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		238.460	0.000000	0.443308	-	-
Standard 4		444.046	1.00000	1.19791	0.197906	19.8
Standard 5		1437.40	5.00000	4.84401	-0.155986	-3.1
Standard 6		5399.33	20.0000	19.3862	-0.613810	-3.1
Standard 7		27397.1	100.000	100.129	0.128578	0.1

Curve Type: Linear Equation: y = 272.4 x + 117.7

Na 588.995 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999711

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		207118	0.000000	-0.163542	-	-
Standard 4		853967	1.00000	0.912564	-0.087436	-8.7
Standard 5		3508573	5.00000	5.32881	0.328808	6.6
Standard 6		12280652	20.0000	19.9222	-0.077831	-0.4

Curve Type: Linear Equation: y = 601100.6 x + 305423.7

Na 589.592 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999984

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		72526.1	0.000000	-0.019550	-	-
Standard 4		398299	1.00000	0.959813	-0.040187	-4.0
Standard 5		1767819	5.00000	5.07697	0.076970	1.5
Standard 6		6726043	20.0000	19.9828	-0.017233	-0.1

Curve Type: Linear Equation: y = 332637.3 x + 79029.1

Ni 216.555 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.10360	0.000000	0.001040	-	-
Standard 2		59.4869	0.010000	0.010008	0.000008	0.1
Standard 3		224.161	0.040000	0.038748	-0.001252	-3.1
Standard 4		1140.00	0.200000	0.198589	-0.001411	-0.7
Standard 5		5745.27	1.00000	1.00234	0.002341	0.2
Standard 6		22949.2	4.00000	4.00493	0.004930	0.1

Curve Type: Linear Equation: y = 5729.7 x + 2.1

Ni 221.648 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.90304	0.000000	0.000116	-	-
Standard 2		26.0279	0.010000	0.010313	0.000313	3.1
Standard 3		93.0374	0.040000	0.039863	-0.000137	-0.3
Standard 4		448.867	0.200000	0.196776	-0.003224	-1.6
Standard 5		2256.97	1.00000	0.994109	-0.005891	-0.6
Standard 6		9081.22	4.00000	4.00346	0.003456	0.1

Curve Type: Linear Equation: y = 2267.7 x + 2.6

Ni 231.604 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.10288	0.000000	-0.000513	-	-
Standard 2		46.1622	0.010000	0.010358	0.000358	3.6
Standard 3		155.732	0.040000	0.040090	0.000090	0.2
Standard 4		741.651	0.200000	0.199081	-0.000919	-0.5
Standard 5		3707.73	1.00000	1.00394	0.003940	0.4
Standard 6		14753.0	4.00000	4.00113	0.001130	0.0

Curve Type: Linear Equation: y = 3685.2 x + 8.0

P 177.434 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.60802	0.000000	0.004076	-	-
Standard 3		5.23751	0.020000	0.019969	-0.000031	-0.2
Standard 4		18.3895	0.100000	0.099461	-0.000539	-0.5
Standard 5		84.2983	0.500000	0.497823	-0.002177	-0.4
Standard 6		334.147	2.00000	2.00794	0.007942	0.4

Curve Type: Linear Equation: y = 165.4 x + 1.9

P 213.618 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.73239	0.000000	0.001356	-	-
Standard 3		13.0155	0.020000	0.017493	-0.002507	-12.5
Standard 4		67.9755	0.100000	0.096095	-0.003905	-3.9
Standard 5		353.827	0.500000	0.504910	0.004910	1.0
Standard 6		1424.94	2.00000	2.03678	0.036783	1.8

Curve Type: Linear Equation: y = 699.2 x + 0.8

P 214.914 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.96035	0.000000	-0.000269	-	-
Standard 3		6.57857	0.020000	0.022273	0.002273	11.4
Standard 4		22.7726	0.100000	0.101319	0.001319	1.3
Standard 5		104.236	0.500000	0.498955	-0.001045	-0.2
Standard 6		408.823	2.00000	1.98570	-0.014300	-0.7

Curve Type: Linear Equation: y = 204.9 x + 2.0

Pb 220.353 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999998**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.41784	0.000000	0.001794	-	-
Standard 2		16.6511	0.010000	0.009649	-0.000351	-3.5
Standard 3		56.8929	0.040000	0.040537	0.000537	1.3
Standard 4		260.657	0.200000	0.196941	-0.003059	-1.5
Standard 5		1299.28	1.00000	0.994158	-0.005842	-0.6
Standard 6		5217.50	4.00000	4.00167	0.001672	0.0

Curve Type: Linear Equation: y = 1302.8 x + 4.1

Pb 261.417 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999988**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24.7407	0.000000	0.006889	-	-
Standard 2		27.2532	0.010000	0.011590	0.001590	15.9
Standard 3		41.0937	0.040000	0.037489	-0.002511	-6.3
Standard 4		122.290	0.200000	0.189423	-0.010577	-5.3
Standard 5		550.986	1.00000	0.991598	-0.008402	-0.8
Standard 6		2169.80	4.00000	4.02073	0.020725	0.5

Curve Type: Linear Equation: y = 534.4 x + 21.1

Pb 405.781 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		39.9586	0.000000	0.002806	-	-
Standard 2		50.0571	0.010000	0.010105	0.000105	1.1
Standard 3		93.4313	0.040000	0.041455	0.001455	3.6
Standard 4		303.696	0.200000	0.193430	-0.006570	-3.3
Standard 5		1414.25	1.00000	0.996110	-0.003890	-0.4
Standard 6		5598.48	4.00000	4.02037	0.020373	0.5

Curve Type: Linear Equation: y = 1383.6 x + 36.1

Sb 206.834 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.997747

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.88414	0.000000	-0.003240	-	-
Standard 2		14.0541	0.010000	0.007950	-0.002050	-20.5
Standard 3		35.8662	0.040000	0.041992	0.001992	5.0
Standard 4		143.871	0.200000	0.210556	0.010556	5.3
Standard 5		531.485	1.00000	0.815507	-0.184493	-18.4
Standard 6		2844.67	4.00000	4.42570	0.425703	10.6

Curve Type: Linear Equation: y = 640.7 x + 9.0

Sb 231.146 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.997964

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.81298	0.000000	0.001409	-	-
Standard 2		9.92984	0.010000	0.010000	0.000000	0.0
Standard 3		33.9687	0.040000	0.060166	0.020166	50.4
Standard 4		106.580	0.200000	0.211696	0.011696	5.8
Standard 5		411.778	1.00000	0.848605	-0.151395	-15.1
Standard 6		2160.62	4.00000	4.49822	0.498222	12.5

Curve Type: Linear Equation: y = 479.2 x + 5.1

Sb 259.804 Calibration (mg/L) 4/6/2011, 6:47:34 PM Correlation Coefficient: 0.997739

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.59738	0.000000	0.002064	-	-
Standard 2		15.3305	0.010000	0.021920	0.011920	119.2
Standard 3		24.3351	0.040000	0.045041	0.005041	12.6
Standard 4		98.9236	0.200000	0.236562	0.036562	18.3
Standard 5		352.655	1.00000	0.888068	-0.111932	-11.2
Standard 6		1872.77	4.00000	4.79127	0.791269	19.8

Maximum error exceeded.
Curve Type: Linear Equation: y = 389.5 x + 6.8

Se 196.026 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999862**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.72013	0.000000	0.002307	-	-
Standard 2		9.51034	0.010000	0.010978	0.000978	9.8
Standard 3		17.0154	0.040000	0.034300	-0.005700	-14.2
Standard 4		65.8816	0.200000	0.186154	-0.013846	-6.9
Standard 5		319.074	1.00000	0.972961	-0.027039	-2.7
Standard 6		1346.57	4.00000	4.16595	0.165948	4.1

Curve Type: Linear Equation: y = 321.8 x + 6.0

Se 203.985 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999821**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.80176	0.000000	0.003298	-	-
Standard 2		4.14681	0.010000	0.005249	-0.004751	-47.5
Standard 3		8.58668	0.040000	0.030360	-0.009640	-24.1
Standard 4		35.2735	0.200000	0.181294	-0.018706	-9.4
Standard 5		177.389	1.00000	0.985062	-0.014938	-1.5
Standard 6		757.598	4.00000	4.26658	0.266580	6.7

Curve Type: Linear Equation: y = 176.8 x + 3.2

Si 250.690 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999987**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		19.6510	0.000000	-0.016819	-	-
Standard 2		57.9262	0.010000	0.012020	0.002020	20.2
Standard 3		91.5678	0.040000	0.037367	-0.002633	-6.6
Standard 4		313.759	0.200000	0.204777	0.004777	2.4
Standard 5		1361.29	1.00000	0.994034	-0.005966	-0.6
Standard 6		5304.19	4.00000	3.96480	-0.035195	-0.9

Curve Type: Linear Equation: y = 1327.2 x + 42.0

Si 251.611 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999992**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.5976	0.000000	-0.005984	-	-
Standard 2		51.3327	0.010000	0.017573	0.007573	75.7
Standard 3		97.9341	0.040000	0.047458	0.007458	18.6
Standard 4		339.602	0.200000	0.202437	0.002437	1.2
Standard 5		1528.05	1.00000	0.964571	-0.035429	-3.5
Standard 6		6000.87	4.00000	3.83292	-0.167076	-4.2

Curve Type: Linear Equation: y = 1559.4 x + 23.9

Si 288.158 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999990**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		862.564	0.000000	-0.002715	-	-
Standard 2		1036.66	0.010000	0.019505	0.009505	95.1
Standard 3		1256.55	0.040000	0.047568	0.007568	18.9
Standard 4		2496.91	0.200000	0.205871	0.005871	2.9
Standard 5		8431.01	1.00000	0.963217	-0.036783	-3.7
Standard 6		30691.9	4.00000	3.80429	-0.195714	-4.9

Curve Type: Linear Equation: y = 7835.4 x + 883.8

Sn 189.927 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999994**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.34877	0.000000	-0.000179	-	-
Standard 2		6.88383	0.010000	0.011399	0.001399	14.0
Standard 3		15.9439	0.040000	0.041074	0.001074	2.7
Standard 4		61.9764	0.200000	0.191842	-0.008158	-4.1
Standard 5		305.728	1.00000	0.990194	-0.009806	-1.0
Standard 6		1226.44	4.00000	4.00576	0.005759	0.1

Curve Type: Linear Equation: y = 305.3 x + 3.4

Sn 283.998 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		31.6883	0.000000	0.000774	-	-
Standard 2		27.0584	0.010000	-0.002895	-0.012895	-129.0
Standard 3		73.2608	0.040000	0.033721	-0.006279	-15.7
Standard 4		304.355	0.200000	0.216866	0.016866	8.4
Standard 5		1482.58	1.00000	1.15062	0.150625	15.1
Standard 6		5887.93	4.00000	4.64193	0.641927	16.0

Maximum error exceeded.
Curve Type: Linear Equation: y = 1261.8 x + 30.7

Sr 216.596 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22.7236	0.000000	0.000191	-	-
Standard 2		65.4354	0.005000	0.004668	-0.000332	-6.6
Standard 3		205.486	0.020000	0.019349	-0.000651	-3.3
Standard 4		969.211	0.100000	0.099405	-0.000595	-0.6
Standard 5		4799.08	0.500000	0.500864	0.000864	0.2
Standard 6		19090.5	2.00000	1.99894	-0.001061	-0.1

Curve Type: Linear Equation: y = 9539.9 x + 20.9

Sr 407.771 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5343.21	0.000000	-0.000055	-	-
Standard 2		17803.9	0.005000	0.005019	0.000019	0.4
Standard 3		54742.7	0.020000	0.020060	0.000060	0.3
Standard 4		250297	0.100000	0.099689	-0.000311	-0.3
Standard 5		1209582	0.500000	0.490306	-0.009694	-1.9
Standard 6		4765494	2.00000	1.93826	-0.061741	-3.1

Curve Type: Linear Equation: y = 2455819.8 x + 5479.0

Sr 421.552 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3125.28	0.000000	-0.000018	-	-
Standard 2		10921.4	0.005000	0.005011	0.000011	0.2
Standard 3		34149.4	0.020000	0.019995	-0.000005	0.0
Standard 4		157411	0.100000	0.099509	-0.000491	-0.5
Standard 5		762854	0.500000	0.490072	-0.009928	-2.0
Standard 6		3024979	2.00000	1.94934	-0.050663	-2.5

Curve Type: Linear Equation: y = 1550181.4 x + 3153.4

Ti 334.941 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		102.321	0.000000	-0.000007	-	-
Standard 2		1131.23	0.005000	0.005063	0.000063	1.3
Standard 3		4144.76	0.020000	0.019910	-0.000090	-0.5
Standard 4		20494.9	0.100000	0.100465	0.000465	0.5
Standard 5		100530	0.500000	0.494791	-0.005209	-1.0
Standard 6		405794	2.00000	1.99880	-0.001203	-0.1

Curve Type: Linear Equation: y = 202967.4 x + 103.7

Ti 336.122 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999999**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		73.4303	0.000000	0.000358	-	-
Standard 2		455.905	0.005000	0.004770	-0.000230	-4.6
Standard 3		1753.09	0.020000	0.019735	-0.000265	-1.3
Standard 4		8742.49	0.100000	0.100365	0.000365	0.4
Standard 5		43415.3	0.500000	0.500351	0.000351	0.1
Standard 6		172465	2.00000	1.98907	-0.010930	-0.5

Curve Type: Linear Equation: y = 86684.9 x + 42.4

Ti 337.280 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999996**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.9314	0.000000	0.000482	-	-
Standard 2		129.096	0.005000	0.004422	-0.000578	-11.6
Standard 3		576.853	0.020000	0.019353	-0.000647	-3.2
Standard 4		2972.33	0.100000	0.099229	-0.000771	-0.8
Standard 5		14981.2	0.500000	0.499662	-0.000338	-0.1
Standard 6		60645.6	2.00000	2.02233	0.022327	1.1

Curve Type: Linear Equation: y = 29989.8 x + -3.5

Tl 190.794 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999993**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.97711	0.000000	0.003837	-	-
Standard 3		6.83451	0.020000	0.016740	-0.003260	-16.3
Standard 4		37.8667	0.100000	0.099179	-0.000821	-0.8
Standard 5		187.855	0.500000	0.497628	-0.002372	-0.5
Standard 6		756.353	2.00000	2.00786	0.007862	0.4

Curve Type: Linear Equation: y = 376.4 x + 0.5

Tl 190.807 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999995**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.24135	0.000000	0.004289	-	-
Standard 3		5.04485	0.020000	0.018449	-0.001551	-7.8
Standard 4		21.1684	0.100000	0.099885	-0.000115	-0.1
Standard 5		100.230	0.500000	0.499208	-0.000792	-0.2
Standard 6		398.947	2.00000	2.00796	0.007956	0.4

Curve Type: Linear Equation: y = 198.0 x + 1.4

Tl 351.923 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999992**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.2702	0.000000	-0.004206	-	-
Standard 3		44.4881	0.020000	0.020260	0.000260	1.3
Standard 4		151.783	0.100000	0.096975	-0.003025	-3.0
Standard 5		706.978	0.500000	0.493932	-0.006068	-1.2
Standard 6		2828.75	2.00000	2.01097	0.010970	0.5

Curve Type: Linear Equation: y = 1398.6 x + 16.2

V 268.796 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		34.2091	0.000000	0.000002	-	-
Standard 2		67.7071	0.005000	0.004018	-0.000982	-19.6
Standard 3		198.032	0.020000	0.019642	-0.000358	-1.8
Standard 4		888.104	0.100000	0.102374	0.002374	2.4
Standard 5		4308.66	0.500000	0.512459	0.012459	2.5
Standard 6		17166.8	2.00000	2.05401	0.054007	2.7

Curve Type: Linear Equation: y = 8341.1 x + 34.2

V 292.401 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		32.6266	0.000000	0.000097	-	-
Standard 2		190.583	0.005000	0.004935	-0.000065	-1.3
Standard 3		679.668	0.020000	0.019913	-0.000087	-0.4
Standard 4		3278.48	0.100000	0.099503	-0.000497	-0.5
Standard 5		16362.3	0.500000	0.500199	0.000199	0.0
Standard 6		65575.2	2.00000	2.00736	0.007364	0.4

Curve Type: Linear Equation: y = 32652.7 x + 29.5

V 311.837 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999997**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		15.4587	0.000000	0.001087	-	-
Standard 2		202.630	0.005000	0.005290	0.000290	5.8
Standard 3		847.175	0.020000	0.019760	-0.000240	-1.2
Standard 4		4378.69	0.100000	0.099046	-0.000954	-1.0
Standard 5		22521.5	0.500000	0.506369	0.006369	1.3
Standard 6		89500.4	2.00000	2.01011	0.010111	0.5

Curve Type: Linear Equation: y = 44541.5 x + -33.0

Zn 202.548 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		753.600	0.000000	0.000044	-	-
Standard 2		791.399	0.005000	0.003620	-0.001380	-27.6
Standard 3		949.948	0.020000	0.018617	-0.001383	-6.9
Standard 4		1802.86	0.100000	0.099297	-0.000703	-0.7
Standard 5		6051.74	0.500000	0.501212	0.001212	0.2
Standard 6		21996.9	2.00000	2.00952	0.009516	0.5

Curve Type: Linear Equation: y = 10571.6 x + 753.1

Zn 206.200 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		236.957	0.000000	-0.000221	-	-
Standard 2		255.174	0.005000	0.005244	0.000244	4.9
Standard 3		301.679	0.020000	0.019195	-0.000805	-4.0
Standard 4		566.632	0.100000	0.098677	-0.001323	-1.3
Standard 5		1910.98	0.500000	0.501964	0.001964	0.4
Standard 6		6936.78	2.00000	2.00964	0.009642	0.5

Curve Type: Linear Equation: y = 3333.5 x + 237.7

Zn 213.857 Calibration (mg/L) **4/6/2011, 6:47:34 PM** **Correlation Coefficient: 0.999992**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1251.00	0.000000	0.000070	-	-
Standard 2		1321.12	0.005000	0.004040	-0.000960	-19.2
Standard 3		1575.63	0.020000	0.018450	-0.001550	-7.8
Standard 4		3023.97	0.100000	0.100452	0.000452	0.5
Standard 5		10012.6	0.500000	0.496138	-0.003862	-0.8
Standard 6		36868.3	2.00000	2.01666	0.016661	0.8

Curve Type: Linear Equation: y = 17662.1 x + 1249.8

SEQ-ICV1 (Samp) **4/6/2011, 6:59:55 PM** **Rack 1, Tube 1**

M_200.7_T_WW **ICV**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.503216	mg/L	0.000392	0.1	26014.6	0.503216 mg/L	Y 371.029
Ag 338.289	0.502037	mg/L	0.001752	0.3	1535.66	0.502037 mg/L	Y 371.029
Al 237.312	5.21629	mg/L	0.034023	0.7	6892.93	5.21629 mg/L	Y 371.029
Al 257.509	5.18179	mg/L	0.019894	0.4	3136.23	5.18179 mg/L	Y 371.029
Al 308.215	5.28758	mg/L	0.009232	0.2	32674.6	5.28758 mg/L	Y 371.029
As 188.980	1.05369	mg/L	0.014858	1.4	411.806	1.05369 mg/L	Y 371.029
As 193.696	1.04432	mg/L	0.013394	1.3	466.881	1.04432 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.034956	1.7	2519.61	uncal mg/L	Y 371.029
B 182.577	1.05168	mg/L	0.004825	0.5	541.503	1.05168 mg/L	Y 371.029
B 249.678	1.01233	mg/L	0.010314	1.0	9167.97	1.01233 mg/L	Y 371.029
B 249.772	1.02325	mg/L	0.010480	1.0	19330.1	1.02325 mg/L	Y 371.029
Ba 233.527	1.04078	mg/L	0.002327	0.2	42463.1	1.04078 mg/L	Y 371.029
Ba 455.403	1.01121	mg/L	0.001476	0.1	902198	1.01121 mg/L	Y 371.029
Ba 493.408	1.01517	mg/L	0.003589	0.4	543775	1.01517 mg/L	Y 371.029
Be 234.861	1.03166	mg/L	0.000452	0.0	120066	1.03166 mg/L	Y 371.029
Be 313.042	1.04467	mg/L	0.007531	0.7	1751192	1.04467 mg/L	Y 371.029
Be 313.107	1.04225	mg/L	0.007064	0.7	843493	1.04225 mg/L	Y 371.029
Ca 393.366	9.23963n	mg/L	0.028801	0.3	11870605	9.23963 mg/L	Y 371.029
Ca 396.847	9.08505	mg/L	0.015716	0.2	17982672	9.08505 mg/L	Y 371.029
Ca 430.253	10.2883	mg/L	0.044643	0.4	47449.3	10.2883 mg/L	Y 371.029
Cd 214.439	1.04074	mg/L	0.002492	0.2	22801.8	1.04074 mg/L	Y 371.029
Cd 226.502	1.03769	mg/L	0.005771	0.6	41162.9	1.03769 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 228.802	1.01789	mg/L	0.010331	1.0	15507.6	1.01789 mg/L	Y 371.029
Co 228.615	1.02602	mg/L	0.008276	0.8	9921.22	1.02602 mg/L	Y 371.029
Co 230.786	1.04367	mg/L	0.001426	0.1	6808.54	1.04367 mg/L	Y 371.029
Co 238.892	1.01073	mg/L	0.001587	0.2	6035.59	1.01073 mg/L	Y 371.029
Cr 205.560	1.04192	mg/L	0.001897	0.2	4472.94	1.04192 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.004176	0.4	1868.48	uncal mg/L	Y 371.029
Cr 267.716	1.03626	mg/L	0.001899	0.2	23015.7	1.03626 mg/L	Y 371.029
Cu 213.598	1.05345	mg/L	0.002668	0.3	4591.47	1.05345 mg/L	Y 371.029
Cu 324.754	1.03705	mg/L	0.002573	0.2	35105.3	1.03705 mg/L	Y 371.029
Cu 327.395	1.05590	mg/L	0.001501	0.1	45236.5	1.05590 mg/L	Y 371.029
Fe 234.350	5.29071	mg/L	0.010785	0.2	48196.4	5.29071 mg/L	Y 371.029
Fe 238.204	5.26713	mg/L	0.016739	0.3	102076	5.26713 mg/L	Y 371.029
Fe 259.940	5.35693	mg/L	0.015011	0.3	82958.2	5.35693 mg/L	Y 371.029
Ga 287.423	1.03370	mg/L	0.006142	0.6	2564.22	1.03370 mg/L	Y 371.029
Ga 294.363	1.02915	mg/L	0.001765	0.2	6612.21	1.02915 mg/L	Y 371.029
Ga 417.204	1.01457	mg/L	0.002499	0.2	10242.5	1.01457 mg/L	Y 371.029
K 766.491	10.3649	mg/L	0.027631	0.3	786047	10.3649 mg/L	Y 371.029
K 769.897	10.4775	mg/L	0.025141	0.2	620382	10.4775 mg/L	Y 371.029
Li 610.365	1.09404	mg/L	0.003865	0.4	52553.2	1.09404 mg/L	Y 371.029
Li 670.783	1.04231	mg/L	0.000658	0.1	3962973	1.04231 mg/L	Y 371.029
Mg 279.078	10.4118	mg/L	0.013561	0.1	18287.6	10.4118 mg/L	Y 371.029
Mg 280.270	11.5503	mg/L	0.010893	0.1	1049714	11.5503 mg/L	Y 371.029
Mg 285.213	10.9436	mg/L	0.064129	0.6	388199	10.9436 mg/L	Y 371.029
Mn 257.610	1.02135	mg/L	0.017907	1.8	156976	1.02135 mg/L	Y 371.029
Mn 259.372	1.01648	mg/L	0.014590	1.4	117231	1.01648 mg/L	Y 371.029
Mn 260.568	1.03985	mg/L	0.008042	0.8	20880.7	1.03985 mg/L	Y 371.029
Mo 202.032	1.10012	mg/L	0.027211	2.5	3945.84	1.10012 mg/L	Y 371.029
Mo 203.846	1.12711	mg/L	0.030666	2.7	1611.00	1.12711 mg/L	Y 371.029
Mo 204.598	1.09718	mg/L	0.029022	2.6	1887.18	1.09718 mg/L	Y 371.029
Na 568.821	10.2254	mg/L	0.143514	1.4	2939.56	10.2254 mg/L	Y 371.029
Na 588.995	10.6379	mg/L	0.025515	0.2	6708414	10.6379 mg/L	Y 371.029
Na 589.592	10.7788	mg/L	0.277395	2.6	3670691	10.7788 mg/L	Y 371.029
Ni 216.555	1.04198	mg/L	0.001702	0.2	6004.74	1.04198 mg/L	Y 371.029
Ni 221.648	1.03080	mg/L	0.001195	0.1	2352.27	1.03080 mg/L	Y 371.029
Ni 231.604	1.04521	mg/L	0.003418	0.3	3881.40	1.04521 mg/L	Y 371.029
P 177.434	1.01066	mg/L	0.003146	0.3	169.993	1.01066 mg/L	Y 371.029
P 213.618	1.03035	mg/L	0.010055	1.0	750.287	1.03035 mg/L	Y 371.029
P 214.914	1.03576	mg/L	0.021098	2.0	227.711	1.03576 mg/L	Y 371.029
Pb 220.353	1.03584	mg/L	0.003011	0.3	1354.35	1.03584 mg/L	Y 371.029
Pb 261.417	0.829769	mg/L	0.012569	1.5	462.530	0.829769 mg/L	Y 371.029
Pb 405.781	1.03082	mg/L	0.004559	0.4	1481.28	1.03082 mg/L	Y 371.029
Sb 206.834	1.14777	mg/L	0.009124	0.8	752.145	1.14777 mg/L	Y 371.029
Sb 231.146	1.22209	mg/L	0.002682	0.2	598.409	1.22209 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.043733	4.4	399.477	uncal mg/L	Y 371.029
Se 196.026	1.04618	mg/L	0.029881	2.9	343.443	1.04618 mg/L	Y 371.029
Se 203.985	1.08901	mg/L	0.027247	2.5	216.480	1.08901 mg/L	Y 371.029
Si 250.690	1.02138	mg/L	0.002170	0.2	1418.77	1.02138 mg/L	Y 371.029
Si 251.611	0.978392	mg/L	0.001134	0.1	1598.86	0.978392 mg/L	Y 371.029
Si 288.158	0.964565	mg/L	0.006640	0.7	8476.55	0.964565 mg/L	Y 371.029
Sn 189.927	1.00449	mg/L	0.004312	0.4	310.336	1.00449 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.014820	1.1	2778.89	uncal mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 216.596	1.08008	mg/L	0.010640	1.0	10341.8	1.08008 mg/L	Y 371.029
Sr 407.771	1.04958	mg/L	0.006356	0.6	2583860	1.04958 mg/L	Y 371.029
Sr 421.552	1.04831	mg/L	0.002801	0.3	1628765	1.04831 mg/L	Y 371.029
Ti 334.941	0.998358	mg/L	0.007810	0.8	203096	0.998358 mg/L	Y 371.029
Ti 336.122	0.992707	mg/L	0.007098	0.7	86232.4	0.992707 mg/L	Y 371.029
Ti 337.280	1.02595	mg/L	0.002767	0.3	30812.2	1.02595 mg/L	Y 371.029
Tl 190.794	1.03737	mg/L	0.011825	1.1	393.097	1.03737 mg/L	Y 371.029
Tl 190.807	1.04476	mg/L	0.009940	1.0	209.138	1.04476 mg/L	Y 371.029
Tl 351.923	1.02676	mg/L	0.010534	1.0	1453.52	1.02676 mg/L	Y 371.029
V 268.796	1.02456	mg/L	0.005104	0.5	9754.73	1.02456 mg/L	Y 371.029
V 292.401	1.04997	mg/L	0.003871	0.4	34402.4	1.04997 mg/L	Y 371.029
V 311.837	1.05117	mg/L	0.005716	0.5	46898.2	1.05117 mg/L	Y 371.029
Zn 202.548	1.04560	mg/L	0.008199	0.8	11996.6	1.04560 mg/L	Y 371.029
Zn 206.200	1.06356	mg/L	0.004662	0.4	3802.14	1.06356 mg/L	Y 371.029
Zn 213.857	1.05252	mg/L	0.003036	0.3	20104.4	1.05252 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.19758	9603.10	132.241	1.4
Y 371.029	0.870334	143524	1952.258	1.4

SEQ-ICV2 (Samp) **4/6/2011, 7:11:51 PM** **Rack 1, Tube 2**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.502028	mg/L	0.000958	0.2	25956.6	0.502028 mg/L	Y 371.029
Ag 338.289	0.498326	mg/L	0.001721	0.3	1524.76	0.498326 mg/L	Y 371.029
Al 237.312	5.14094	mg/L	0.032642	0.6	6794.19	5.14094 mg/L	Y 371.029
Al 257.509	5.12616	mg/L	0.028655	0.6	3102.72	5.12616 mg/L	Y 371.029
Al 308.215	5.17030	mg/L	0.015816	0.3	31969.6	5.17030 mg/L	Y 371.029
As 188.980	1.02371	mg/L	0.008582	0.8	400.237	1.02371 mg/L	Y 371.029
As 193.696	1.01829	mg/L	0.002825	0.3	455.276	1.01829 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.012204	0.6	2490.75	uncal mg/L	Y 371.029
B 182.577	1.02697	mg/L	0.011274	1.1	528.899	1.02697 mg/L	Y 371.029
B 249.678	0.999385	mg/L	0.014057	1.4	9050.90	0.999385 mg/L	Y 371.029
B 249.772	1.00808	mg/L	0.017154	1.7	19043.9	1.00808 mg/L	Y 371.029
Ba 233.527	1.01929	mg/L	0.000515	0.1	41590.3	1.01929 mg/L	Y 371.029
Ba 455.403	0.989333	mg/L	0.004282	0.4	882770	0.989333 mg/L	Y 371.029
Ba 493.408	0.994267	mg/L	0.002026	0.2	532633	0.994267 mg/L	Y 371.029
Be 234.861	1.00775	mg/L	0.005661	0.6	117283	1.00775 mg/L	Y 371.029
Be 313.042	1.01838	mg/L	0.005281	0.5	1707153	1.01838 mg/L	Y 371.029
Be 313.107	1.01581	mg/L	0.005046	0.5	822091	1.01581 mg/L	Y 371.029
Ca 393.366	9.03055n	mg/L	0.014931	0.2	11602476	9.03055 mg/L	Y 371.029
Ca 396.847	8.86194	mg/L	0.027729	0.3	17541778	8.86194 mg/L	Y 371.029
Ca 430.253	10.0673	mg/L	0.034016	0.3	46460.1	10.0673 mg/L	Y 371.029
Cd 214.439	1.01546	mg/L	0.008076	0.8	22247.9	1.01546 mg/L	Y 371.029
Cd 226.502	1.01878	mg/L	0.006684	0.7	40413.2	1.01878 mg/L	Y 371.029
Cd 228.802	1.00012	mg/L	0.005815	0.6	15237.2	1.00012 mg/L	Y 371.029
Co 228.615	1.00517	mg/L	0.006897	0.7	9720.17	1.00517 mg/L	Y 371.029
Co 230.786	1.01998	mg/L	0.002987	0.3	6654.18	1.01998 mg/L	Y 371.029
Co 238.892	0.981274	mg/L	0.006964	0.7	5859.70	0.981274 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 205.560	1.01560	mg/L	0.005697	0.6	4360.19	1.01560 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.003859	0.4	1835.03	uncal mg/L	Y 371.029
Cr 267.716	1.01410	mg/L	0.002105	0.2	22524.4	1.01410 mg/L	Y 371.029
Cu 213.598	1.02909	mg/L	0.005588	0.5	4485.08	1.02909 mg/L	Y 371.029
Cu 324.754	1.01505	mg/L	0.001739	0.2	34372.5	1.01505 mg/L	Y 371.029
Cu 327.395	1.03213	mg/L	0.002050	0.2	44218.8	1.03213 mg/L	Y 371.029
Fe 234.350	5.18306	mg/L	0.011200	0.2	47217.7	5.18306 mg/L	Y 371.029
Fe 238.204	5.12395	mg/L	0.076497	1.5	99310.0	5.12395 mg/L	Y 371.029
Fe 259.940	5.14402	mg/L	0.019688	0.4	79675.2	5.14402 mg/L	Y 371.029
Ga 287.423	1.01045	mg/L	0.003413	0.3	2507.23	1.01045 mg/L	Y 371.029
Ga 294.363	1.00819	mg/L	0.001375	0.1	6477.99	1.00819 mg/L	Y 371.029
Ga 417.204	0.995834	mg/L	0.004133	0.4	10062.3	0.995834 mg/L	Y 371.029
K 766.491	10.1911	mg/L	0.031043	0.3	772904	10.1911 mg/L	Y 371.029
K 769.897	10.2735	mg/L	0.028149	0.3	608550	10.2735 mg/L	Y 371.029
Li 610.365	1.06359	mg/L	0.001663	0.2	51084.4	1.06359 mg/L	Y 371.029
Li 670.783	1.01860	mg/L	0.001807	0.2	3874471	1.01860 mg/L	Y 371.029
Mg 279.078	10.1887	mg/L	0.026856	0.3	17896.2	10.1887 mg/L	Y 371.029
Mg 280.270	11.4165	mg/L	0.090798	0.8	1037561	11.4165 mg/L	Y 371.029
Mg 285.213	10.7512	mg/L	0.063942	0.6	381376	10.7512 mg/L	Y 371.029
Mn 257.610	1.00699	mg/L	0.006899	0.7	154767	1.00699 mg/L	Y 371.029
Mn 259.372	0.999098	mg/L	0.005665	0.6	115204	0.999098 mg/L	Y 371.029
Mn 260.568	1.00783	mg/L	0.013994	1.4	20239.6	1.00783 mg/L	Y 371.029
Mo 202.032	1.03985	mg/L	0.021775	2.1	3731.74	1.03985 mg/L	Y 371.029
Mo 203.846	1.07215	mg/L	0.023476	2.2	1533.01	1.07215 mg/L	Y 371.029
Mo 204.598	1.05412	mg/L	0.026639	2.5	1813.28	1.05412 mg/L	Y 371.029
Na 568.821	9.89549	mg/L	0.049574	0.5	2848.91	9.89549 mg/L	Y 371.029
Na 588.995	10.4055	mg/L	0.017192	0.2	6568593	10.4055 mg/L	Y 371.029
Na 589.592	10.6772	mg/L	0.076076	0.7	3636795	10.6772 mg/L	Y 371.029
Ni 216.555	1.02077	mg/L	0.004281	0.4	5882.61	1.02077 mg/L	Y 371.029
Ni 221.648	1.01303	mg/L	0.002002	0.2	2311.73	1.01303 mg/L	Y 371.029
Ni 231.604	1.02332	mg/L	0.002900	0.3	3800.27	1.02332 mg/L	Y 371.029
P 177.434	1.02266	mg/L	0.009391	0.9	171.958	1.02266 mg/L	Y 371.029
P 213.618	1.02939	mg/L	0.016222	1.6	748.933	1.02939 mg/L	Y 371.029
P 214.914	1.03286	mg/L	0.013965	1.4	226.757	1.03286 mg/L	Y 371.029
Pb 220.353	1.01755	mg/L	0.002187	0.2	1330.51	1.01755 mg/L	Y 371.029
Pb 261.417	0.796482	mg/L	0.008430	1.1	444.763	0.796482 mg/L	Y 371.029
Pb 405.781	1.02330	mg/L	0.006014	0.6	1470.39	1.02330 mg/L	Y 371.029
Sb 206.834	0.736110	mg/L	0.015079	2.0	488.228	0.736110 mg/L	Y 371.029
Sb 231.146	0.818878	mg/L	0.018465	2.3	405.032	0.818878 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.016316	2.7	247.920	uncal mg/L	Y 371.029
Se 196.026	1.01913	mg/L	0.029636	2.9	334.723	1.01913 mg/L	Y 371.029
Se 203.985	1.08291	mg/L	0.060070	5.5	215.046	1.08291 mg/L	Y 371.029
Si 250.690	1.01603	mg/L	0.004511	0.4	1411.31	1.01603 mg/L	Y 371.029
Si 251.611	0.971315	mg/L	0.003204	0.3	1586.40	0.971315 mg/L	Y 371.029
Si 288.158	0.964544	mg/L	0.006927	0.7	8475.97	0.964544 mg/L	Y 371.029
Sn 189.927	1.00275	mg/L	0.005699	0.6	309.798	1.00275 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.012622	0.9	2749.44	uncal mg/L	Y 371.029
Sr 216.596	1.06244	mg/L	0.006250	0.6	10173.1	1.06244 mg/L	Y 371.029
Sr 407.771	1.02976	mg/L	0.003715	0.4	2535169	1.02976 mg/L	Y 371.029
Sr 421.552	1.02443	mg/L	0.001891	0.2	1591740	1.02443 mg/L	Y 371.029
Ti 334.941	1.00254	mg/L	0.003967	0.4	203939	1.00254 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ti 336.122	0.996305	mg/L	0.004526	0.5	86541.9	0.996305 mg/L	Y 371.029
Ti 337.280	1.01977	mg/L	0.001932	0.2	30626.0	1.01977 mg/L	Y 371.029
Tl 190.794	1.03068	mg/L	0.003049	0.3	390.543	1.03068 mg/L	Y 371.029
Tl 190.807	1.02778	mg/L	0.010392	1.0	205.693	1.02778 mg/L	Y 371.029
Tl 351.923	1.01382	mg/L	0.013221	1.3	1435.44	1.01382 mg/L	Y 371.029
V 268.796	0.997993	mg/L	0.004933	0.5	9476.50	0.997993 mg/L	Y 371.029
V 292.401	1.02464	mg/L	0.006217	0.6	33574.5	1.02464 mg/L	Y 371.029
V 311.837	1.03051	mg/L	0.003401	0.3	45976.3	1.03051 mg/L	Y 371.029
Zn 202.548	1.03379	mg/L	0.002335	0.2	11867.4	1.03379 mg/L	Y 371.029
Zn 206.200	1.05040	mg/L	0.011093	1.1	3757.82	1.05040 mg/L	Y 371.029
Zn 213.857	1.02374	mg/L	0.007996	0.8	19590.9	1.02374 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21151	9714.80	44.269	0.5
Y 371.029	0.876865	144601	678.164	0.5

SEQ-ICB1 (Samp) **4/6/2011, 7:17:47 PM** **Rack 1, Tube 3**

M_200.7_T_WW **ICB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.003353uv	mg/L	0.002371	70.7	1329.46	-0.003353 mg/L	Y 371.029
Ag 338.289	-0.002160uv	mg/L	0.001584	73.3	25.7786	-0.002160 mg/L	Y 371.029
Al 237.312	0.011127	mg/L	0.008075	72.6	75.2939	0.011127 mg/L	Y 371.029
Al 257.509	0.010264	mg/L	0.009314	90.8	19.6318	0.010264 mg/L	Y 371.029
Al 308.215	0.000570uv	mg/L	0.000640	112.3	955.689	0.000570 mg/L	Y 371.029
As 188.980	0.010198	mg/L	0.005653	55.4	9.34704	0.010198 mg/L	Y 371.029
As 193.696	0.012887	mg/L	0.004999	38.8	6.78607	0.012887 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001754	18.2	21.9844	uncal mg/L	Y 371.029
B 182.577	0.002166	mg/L	0.002637	121.8	5.82961	0.002166 mg/L	Y 371.029
B 249.678	0.004076	mg/L	0.000835	20.5	58.0783	0.004076 mg/L	Y 371.029
B 249.772	0.004718	mg/L	0.000789	16.7	136.619	0.004718 mg/L	Y 371.029
Ba 233.527	0.000506	mg/L	0.000016	3.2	216.110	0.000506 mg/L	Y 371.029
Ba 455.403	0.000376	mg/L	0.000013	3.5	4420.35	0.000376 mg/L	Y 371.029
Ba 493.408	0.000351	mg/L	0.000014	4.0	2698.42	0.000351 mg/L	Y 371.029
Be 234.861	0.000100	mg/L	0.000012	12.2	-0.872914	0.000100 mg/L	Y 371.029
Be 313.042	-0.000007uv	mg/L	0.000015	234.8	1299.89	-0.000007 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000002	14.0	84.3831	0.000015 mg/L	Y 371.029
Ca 393.366	-0.002550nuv	mg/L	0.000061	2.4	16911.2	-0.002550 mg/L	Y 371.029
Ca 396.847	-0.001352uv	mg/L	0.000017	1.3	24307.5	-0.001352 mg/L	Y 371.029
Ca 430.253	-0.016329uv	mg/L	0.005686	34.8	1297.80	-0.016329 mg/L	Y 371.029
Cd 214.439	0.000234	mg/L	0.000071	30.6	3.45974	0.000234 mg/L	Y 371.029
Cd 226.502	0.000059	mg/L	0.000075	125.7	20.2882	0.000059 mg/L	Y 371.029
Cd 228.802	0.000213uv	mg/L	0.000266	124.8	26.6051	0.000213 mg/L	Y 371.029
Co 228.615	0.000339uv	mg/L	0.000828	244.3	15.5658	0.000339 mg/L	Y 371.029
Co 230.786	-0.000228uv	mg/L	0.000655	286.8	6.99861	-0.000228 mg/L	Y 371.029
Co 238.892	-0.000077uv	mg/L	0.000366	477.7	6.36712	-0.000077 mg/L	Y 371.029
Cr 205.560	-0.000438uv	mg/L	0.000232	52.9	4.34277	-0.000438 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001313	138.0	3.44978	uncal mg/L	Y 371.029
Cr 267.716	0.000282	mg/L	0.000122	43.4	28.9920	0.000282 mg/L	Y 371.029
Cu 213.598	0.000549	mg/L	0.000345	62.8	5.02207	0.000549 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cu 324.754	0.000174uv	mg/L	0.000158	90.8	588.729	0.000174 mg/L	Y 371.029
Cu 327.395	0.000814	mg/L	0.000563	69.2	58.6572	0.000814 mg/L	Y 371.029
Fe 234.350	0.000260	mg/L	0.000461	177.1	16.6750	0.000260 mg/L	Y 371.029
Fe 238.204	0.000612	mg/L	0.000116	18.9	37.5616	0.000612 mg/L	Y 371.029
Fe 259.940	0.000943	mg/L	0.000253	26.9	58.7176	0.000943 mg/L	Y 371.029
Ga 287.423	0.000870uv	mg/L	0.001911	219.7	14.5356	0.000870 mg/L	Y 371.029
Ga 294.363	0.000205uv	mg/L	0.002136	1044.1	23.8079	0.000205 mg/L	Y 371.029
Ga 417.204	0.001103	mg/L	0.000587	53.3	90.4848	0.001103 mg/L	Y 371.029
K 766.491	0.000255uv	mg/L	0.000434	170.5	2263.25	0.000255 mg/L	Y 371.029
K 769.897	0.002197	mg/L	0.001673	76.2	13022.3	0.002197 mg/L	Y 371.029
Li 610.365	0.005246	mg/L	0.000204	3.9	27.2940	0.005246 mg/L	Y 371.029
Li 670.783	-0.000014uv	mg/L	0.000028	191.9	71752.8	-0.000014 mg/L	Y 371.029
Mg 279.078	0.000009uv	mg/L	0.001582	17515.7	14.9804	0.000009 mg/L	Y 371.029
Mg 280.270	-0.001295uv	mg/L	0.000043	3.3	358.898	-0.001295 mg/L	Y 371.029
Mg 285.213	0.000455	mg/L	0.000341	74.9	96.7860	0.000455 mg/L	Y 371.029
Mn 257.610	-0.000062uv	mg/L	0.000008	12.6	1.04112	-0.000062 mg/L	Y 371.029
Mn 259.372	0.000011	mg/L	0.000046	411.6	56.0480	0.000011 mg/L	Y 371.029
Mn 260.568	0.000127	mg/L	0.000059	46.0	6.66806	0.000127 mg/L	Y 371.029
Mo 202.032	0.019673	mg/L	0.003590	18.2	93.1069	0.019673 mg/L	Y 371.029
Mo 203.846	0.019841	mg/L	0.003878	19.5	34.7449	0.019841 mg/L	Y 371.029
Mo 204.598	0.021193	mg/L	0.004264	20.1	36.2109	0.021193 mg/L	Y 371.029
Na 568.821	0.493071	mg/L	0.018371	3.7	252.272	0.493071 mg/L	Y 371.029
Na 588.995	-0.154554uv	mg/L	0.000665	0.4	212549	-0.154554 mg/L	Y 371.029
Na 589.592	-0.014621uv	mg/L	0.000251	1.7	74194.9	-0.014621 mg/L	Y 371.029
Ni 216.555	0.000490	mg/L	0.000134	27.3	4.95036	0.000490 mg/L	Y 371.029
Ni 221.648	-0.000378uv	mg/L	0.000497	131.3	1.79637	-0.000378 mg/L	Y 371.029
Ni 231.604	0.000101uv	mg/L	0.000967	956.3	8.36786	0.000101 mg/L	Y 371.029
P 177.434	0.000425uv	mg/L	0.003833	902.3	2.00065	0.000425 mg/L	Y 371.029
P 213.618	0.001517uv	mg/L	0.002617	172.5	1.92513	0.001517 mg/L	Y 371.029
P 214.914	0.000102uv	mg/L	0.006935	6805.4	2.07409	0.000102 mg/L	Y 371.029
Pb 220.353	0.002380uv	mg/L	0.002232	93.8	7.19014	0.002380 mg/L	Y 371.029
Pb 261.417	-0.001976uv	mg/L	0.008473	428.8	20.0464	-0.001976 mg/L	Y 371.029
Pb 405.781	0.007119	mg/L	0.005844	82.1	46.0260	0.007119 mg/L	Y 371.029
Sb 206.834	0.042654	mg/L	0.001988	4.7	36.3358	0.042654 mg/L	Y 371.029
Sb 231.146	0.041703	mg/L	0.002158	5.2	25.1332	0.041703 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.008028	16.1	26.2153	uncal mg/L	Y 371.029
Se 196.026	0.006853uv	mg/L	0.007609	111.0	8.18048	0.006853 mg/L	Y 371.029
Se 203.985	0.020390	mg/L	0.006958	34.1	6.82519	0.020390 mg/L	Y 371.029
Si 250.690	-0.005447uv	mg/L	0.004355	80.0	34.7889	-0.005447 mg/L	Y 371.029
Si 251.611	0.007369	mg/L	0.000519	7.0	35.8572	0.007369 mg/L	Y 371.029
Si 288.158	0.009662	mg/L	0.000136	1.4	959.277	0.009662 mg/L	Y 371.029
Sn 189.927	0.003557	mg/L	0.001935	54.4	4.49056	0.003557 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.009598	93.0	18.4802	uncal mg/L	Y 371.029
Sr 216.596	-0.000205uv	mg/L	0.000382	186.5	18.9639	-0.000205 mg/L	Y 371.029
Sr 407.771	-0.000031uv	mg/L	0.000004	13.9	5406.38	-0.000031 mg/L	Y 371.029
Sr 421.552	-0.000013uv	mg/L	0.000006	42.2	3134.62	-0.000013 mg/L	Y 371.029
Ti 334.941	0.001149	mg/L	0.000464	40.4	338.550	0.001149 mg/L	Y 371.029
Ti 336.122	0.001199	mg/L	0.000605	50.5	147.007	0.001199 mg/L	Y 371.029
Ti 337.280	0.001146	mg/L	0.000115	10.0	31.0606	0.001146 mg/L	Y 371.029
Tl 190.794	0.008064	mg/L	0.004847	60.1	3.57170	0.008064 mg/L	Y 371.029
Tl 190.807	0.002828	mg/L	0.001662	58.8	1.99416	0.002828 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 351.923	0.005101uv	mg/L	0.005672	111.2	23.2686	0.005101 mg/L	Y 371.029
V 268.796	0.000448	mg/L	0.000484	108.0	58.6087	0.000448 mg/L	Y 371.029
V 292.401	0.000114uv	mg/L	0.000398	348.9	33.3003	0.000114 mg/L	Y 371.029
V 311.837	0.001147	mg/L	0.000067	5.9	18.2643	0.001147 mg/L	Y 371.029
Zn 202.548	0.003148	mg/L	0.000226	7.2	787.042	0.003148 mg/L	Y 371.029
Zn 206.200	0.002586	mg/L	0.001122	43.4	246.486	0.002586 mg/L	Y 371.029
Zn 213.857	0.002585	mg/L	0.000460	17.8	1296.24	0.002585 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22203	9799.20	28.907	0.3
Y 371.029	0.888264	146481	372.464	0.3

SEQ-LCV1 (Samp) **4/6/2011, 7:20:46 PM** **Rack 1, Tube 4**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000008uv	mg/L	0.002244	29138.5	1492.58	-0.000008 mg/L	Y 371.029
Ag 338.289	0.000469uv	mg/L	0.002177	464.2	33.4243	0.000469 mg/L	Y 371.029
Al 237.312	0.095173	mg/L	0.004637	4.9	185.449	0.095173 mg/L	Y 371.029
Al 257.509	0.117632	mg/L	0.016300	13.9	84.3356	0.117632 mg/L	Y 371.029
Al 308.215	0.095326	mg/L	0.001558	1.6	1524.60	0.095326 mg/L	Y 371.029
As 188.980	0.025398	mg/L	0.004629	18.2	15.2016	0.025398 mg/L	Y 371.029
As 193.696	0.025233	mg/L	0.002479	9.8	12.2875	0.025233 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007443	31.8	41.8297	uncal mg/L	Y 371.029
B 182.577	0.024929	mg/L	0.002364	9.5	17.4434	0.024929 mg/L	Y 371.029
B 249.678	0.021564	mg/L	0.000762	3.5	216.024	0.021564 mg/L	Y 371.029
B 249.772	0.021819	mg/L	0.000109	0.5	457.718	0.021819 mg/L	Y 371.029
Ba 233.527	0.020158	mg/L	0.000219	1.1	1014.14	0.020158 mg/L	Y 371.029
Ba 455.403	0.020244	mg/L	0.000021	0.1	22065.3	0.020244 mg/L	Y 371.029
Ba 493.408	0.020122	mg/L	0.000034	0.2	13239.2	0.020122 mg/L	Y 371.029
Be 234.861	0.019816	mg/L	0.000049	0.2	2294.42	0.019816 mg/L	Y 371.029
Be 313.042	0.020033	mg/L	0.000030	0.1	34868.4	0.020033 mg/L	Y 371.029
Be 313.107	0.020117	mg/L	0.000020	0.1	16351.1	0.020117 mg/L	Y 371.029
Ca 393.366	0.208321n	mg/L	0.000195	0.1	287324	0.208321 mg/L	Y 371.029
Ca 396.847	0.196341	mg/L	0.000248	0.1	414984	0.196341 mg/L	Y 371.029
Ca 430.253	0.214114	mg/L	0.003702	1.7	2329.07	0.214114 mg/L	Y 371.029
Cd 214.439	0.009947	mg/L	0.000127	1.3	216.287	0.009947 mg/L	Y 371.029
Cd 226.502	0.010061	mg/L	0.000058	0.6	416.851	0.010061 mg/L	Y 371.029
Cd 228.802	0.009760	mg/L	0.000287	2.9	171.841	0.009760 mg/L	Y 371.029
Co 228.615	0.020322	mg/L	0.000168	0.8	208.459	0.020322 mg/L	Y 371.029
Co 230.786	0.019819	mg/L	0.000446	2.2	137.635	0.019819 mg/L	Y 371.029
Co 238.892	0.019988	mg/L	0.000488	2.4	126.744	0.019988 mg/L	Y 371.029
Cr 205.560	0.019627	mg/L	0.000320	1.6	90.2772	0.019627 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000837	4.1	37.5928	uncal mg/L	Y 371.029
Cr 267.716	0.020464	mg/L	0.000185	0.9	476.375	0.020464 mg/L	Y 371.029
Cu 213.598	0.018963	mg/L	0.000570	3.0	85.2074	0.018963 mg/L	Y 371.029
Cu 324.754	0.019840	mg/L	0.000295	1.5	1242.91	0.019840 mg/L	Y 371.029
Cu 327.395	0.020132	mg/L	0.000325	1.6	885.063	0.020132 mg/L	Y 371.029
Fe 234.350	0.019866	mg/L	0.000398	2.0	204.521	0.019866 mg/L	Y 371.029
Fe 238.204	0.020172	mg/L	0.000334	1.7	427.232	0.020172 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 259.940	0.020821	mg/L	0.000544	2.6	373.669	0.020821 mg/L	Y 371.029
Ga 287.423	0.017927	mg/L	0.005615	31.3	55.3943	0.017927 mg/L	Y 371.029
Ga 294.363	0.017254	mg/L	0.002331	13.5	132.964	0.017254 mg/L	Y 371.029
Ga 417.204	0.021128	mg/L	0.002420	11.5	290.249	0.021128 mg/L	Y 371.029
K 766.491	0.203801	mg/L	0.000835	0.4	17655.8	0.203801 mg/L	Y 371.029
K 769.897	0.197299	mg/L	0.001222	0.6	24336.5	0.197299 mg/L	Y 371.029
Li 610.365	0.016403	mg/L	0.000787	4.8	565.534	0.016403 mg/L	Y 371.029
Li 670.783	0.041567	mg/L	0.000108	0.3	226890	0.041567 mg/L	Y 371.029
Mg 279.078	0.199801	mg/L	0.000966	0.5	365.543	0.199801 mg/L	Y 371.029
Mg 280.270	0.232894	mg/L	0.001350	0.6	21632.2	0.232894 mg/L	Y 371.029
Mg 285.213	0.199271	mg/L	0.002292	1.2	7147.86	0.199271 mg/L	Y 371.029
Mn 257.610	0.020047	mg/L	0.000099	0.5	3083.45	0.020047 mg/L	Y 371.029
Mn 259.372	0.019990	mg/L	0.000231	1.2	2348.62	0.019990 mg/L	Y 371.029
Mn 260.568	0.020085	mg/L	0.000249	1.2	407.072	0.020085 mg/L	Y 371.029
Mo 202.032	0.051339	mg/L	0.002951	5.7	205.807	0.051339 mg/L	Y 371.029
Mo 203.846	0.052760	mg/L	0.002872	5.4	81.4953	0.052760 mg/L	Y 371.029
Mo 204.598	0.052559	mg/L	0.001477	2.8	90.0404	0.052559 mg/L	Y 371.029
Na 568.821	0.646946	mg/L	0.060797	9.4	294.980	0.646946 mg/L	Y 371.029
Na 588.995	0.077339	mg/L	0.003244	4.2	352115	0.077339 mg/L	Y 371.029
Na 589.592	0.189661	mg/L	0.000567	0.3	142265	0.189661 mg/L	Y 371.029
Ni 216.555	0.040380	mg/L	0.000405	1.0	233.683	0.040380 mg/L	Y 371.029
Ni 221.648	0.039354	mg/L	0.000684	1.7	91.9678	0.039354 mg/L	Y 371.029
Ni 231.604	0.040336	mg/L	0.000611	1.5	156.800	0.040336 mg/L	Y 371.029
P 177.434	0.018352	mg/L	0.007226	39.4	4.98045	0.018352 mg/L	Y 371.029
P 213.618	0.015975	mg/L	0.001192	7.5	12.5444	0.015975 mg/L	Y 371.029
P 214.914	0.026598	mg/L	0.016962	63.8	7.75172	0.026598 mg/L	Y 371.029
Pb 220.353	0.040630	mg/L	0.001243	3.1	57.0397	0.040630 mg/L	Y 371.029
Pb 261.417	0.052285	mg/L	0.013495	25.8	49.0175	0.052285 mg/L	Y 371.029
Pb 405.781	0.046450	mg/L	0.015600	33.6	100.875	0.046450 mg/L	Y 371.029
Sb 206.834	0.068255	mg/L	0.001543	2.3	52.8800	0.068255 mg/L	Y 371.029
Sb 231.146	0.069656	mg/L	0.015056	21.6	38.6674	0.069656 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.004594	5.9	37.2947	uncal mg/L	Y 371.029
Se 196.026	0.035652	mg/L	0.004499	12.6	17.4666	0.035652 mg/L	Y 371.029
Se 203.985	0.040911	mg/L	0.008583	21.0	10.8299	0.040911 mg/L	Y 371.029
Si 250.690	0.042119	mg/L	0.001228	2.9	98.2656	0.042119 mg/L	Y 371.029
Si 251.611	0.046391	mg/L	0.002089	4.5	97.7848	0.046391 mg/L	Y 371.029
Si 288.158	0.048315	mg/L	0.000935	1.9	1262.63	0.048315 mg/L	Y 371.029
Sn 189.927	0.039535	mg/L	0.006216	15.7	15.4771	0.039535 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.008466	19.3	106.240	uncal mg/L	Y 371.029
Sr 216.596	0.019963	mg/L	0.000035	0.2	211.479	0.019963 mg/L	Y 371.029
Sr 407.771	0.020120	mg/L	0.000030	0.1	54908.1	0.020120 mg/L	Y 371.029
Sr 421.552	0.019964	mg/L	0.000020	0.1	34113.3	0.019964 mg/L	Y 371.029
Ti 334.941	0.021089	mg/L	0.000408	1.9	4391.02	0.021089 mg/L	Y 371.029
Ti 336.122	0.021165	mg/L	0.000405	1.9	1879.94	0.021165 mg/L	Y 371.029
Ti 337.280	0.020440	mg/L	0.000239	1.2	610.490	0.020440 mg/L	Y 371.029
Tl 190.794	0.019474	mg/L	0.003953	20.3	7.90207	0.019474 mg/L	Y 371.029
Tl 190.807	0.020838	mg/L	0.007066	33.9	5.59859	0.020838 mg/L	Y 371.029
Tl 351.923	0.019617	mg/L	0.004272	21.8	43.6071	0.019617 mg/L	Y 371.029
V 268.796	0.021198	mg/L	0.000264	1.2	265.624	0.021198 mg/L	Y 371.029
V 292.401	0.020126	mg/L	0.000050	0.3	687.872	0.020126 mg/L	Y 371.029
V 311.837	0.019704	mg/L	0.000239	1.2	846.328	0.019704 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 202.548	0.020755	mg/L	0.001037	5.0	976.573	0.020755 mg/L	Y 371.029
Zn 206.200	0.020948	mg/L	0.000523	2.5	308.054	0.020948 mg/L	Y 371.029
Zn 213.857	0.021141	mg/L	0.000486	2.3	1631.11	0.021141 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22781	9845.55	27.667	0.3
Y 371.029	0.892474	147175	398.607	0.3

SEQ-HCV1 (Samp) **4/6/2011, 7:24:28 PM** **Rack 1, Tube 5**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.687804b	mg/L	0.001120	0.2	35057.5	0.687804 mg/L	Y 371.029
Ag 338.289	0.761057b	mg/L	0.009016	1.2	2166.76	0.761057 mg/L	Y 371.029
Al 237.312	52.3569b	mg/L	0.106996	0.2	68674.8	52.3569 mg/L	Y 371.029
Al 257.509	51.5864b	mg/L	0.131366	0.3	31095.9	51.5864 mg/L	Y 371.029
Al 308.215	50.7695b	mg/L	0.052885	0.1	306116	50.7695 mg/L	Y 371.029
As 188.980	10.5232b	mg/L	0.021354	0.2	4062.32	10.5232 mg/L	Y 371.029
As 193.696	10.5824b	mg/L	0.011697	0.1	4717.56	10.5824 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.050452	0.4	14059.0	uncal mg/L	Y 371.029
B 182.577	10.5446b	mg/L	0.091442	0.9	5384.89	10.5446 mg/L	Y 371.029
B 249.678	10.2601b	mg/L	0.134642	1.3	92662.9	10.2601 mg/L	Y 371.029
B 249.772	10.2185b	mg/L	0.090848	0.9	191868	10.2185 mg/L	Y 371.029
Ba 233.527	10.2201b	mg/L	0.023586	0.2	415234	10.2201 mg/L	Y 371.029
Ba 455.403	9.38761b	mg/L	0.064201	0.7	8341736	9.38761 mg/L	Y 371.029
Ba 493.408	9.79499b	mg/L	0.258346	2.6	5224805	9.79499 mg/L	Y 371.029
Be 234.861	10.3570b	mg/L	0.023072	0.2	1205741	10.3570 mg/L	Y 371.029
Be 313.042	9.58790b	mg/L	0.035470	0.4	16061577	9.58790 mg/L	Y 371.029
Be 313.107	9.71166b	mg/L	0.037636	0.4	7859007	9.71166 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.598225	1.7	44386540	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.407658	1.9	42932128	- mg/L	Y 371.029
Ca 430.253	103.206b	mg/L	2.51025	2.4	463515	103.206 mg/L	Y 371.029
Cd 214.439	5.01131b	mg/L	0.104595	2.1	109800	5.01131 mg/L	Y 371.029
Cd 226.502	5.03967b	mg/L	0.014905	0.3	199846	5.03967 mg/L	Y 371.029
Cd 228.802	5.19221b	mg/L	0.007205	0.1	79021.8	5.19221 mg/L	Y 371.029
Co 228.615	10.1945b	mg/L	0.010505	0.1	98359.0	10.1945 mg/L	Y 371.029
Co 230.786	10.1630b	mg/L	0.012222	0.1	66205.9	10.1630 mg/L	Y 371.029
Co 238.892	10.1668b	mg/L	0.020823	0.2	61011.8	10.1668 mg/L	Y 371.029
Cr 205.560	10.2096b	mg/L	0.058469	0.6	43749.2	10.2096 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.045804	0.4	18070.3	uncal mg/L	Y 371.029
Cr 267.716	10.1303b	mg/L	0.008842	0.1	224663	10.1303 mg/L	Y 371.029
Cu 213.598	10.0618b	mg/L	0.136873	1.4	43878.4	10.0618 mg/L	Y 371.029
Cu 324.754	10.3215b	mg/L	0.035135	0.3	343940	10.3215 mg/L	Y 371.029
Cu 327.395	10.3455b	mg/L	0.034488	0.3	442559	10.3455 mg/L	Y 371.029
Fe 234.350	9.99764b	mg/L	0.093691	0.9	96160.2	9.99764 mg/L	Y 371.029
Fe 238.204	10.0450b	mg/L	0.052392	0.5	201005	10.0450 mg/L	Y 371.029
Fe 259.940	10.0803b	mg/L	0.055037	0.5	160506	10.0803 mg/L	Y 371.029
Ga 287.423	10.4338b	mg/L	0.033228	0.3	24929.9	10.4338 mg/L	Y 371.029
Ga 294.363	10.4180b	mg/L	0.018574	0.2	66703.9	10.4180 mg/L	Y 371.029
Ga 417.204	10.0915b	mg/L	0.018592	0.2	101103	10.0915 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
K 766.491	81.7820b	mg/L	1.29971	1.6	6187994	81.7820 mg/L	Y 371.029
K 769.897	97.3367b	mg/L	2.40455	2.5	5658495	97.3367 mg/L	Y 371.029
Li 610.365	23.3197b	mg/L	0.054535	0.2	1124775	23.3197 mg/L	Y 371.029
Li 670.783	-ob	mg/L	0.115840	1.1	38637132	- mg/L	Y 371.029
Mg 279.078	103.239b	mg/L	0.022766	0.0	181157	103.239 mg/L	Y 371.029
Mg 280.270	85.5913b	mg/L	0.223504	0.3	7776212	85.5913 mg/L	Y 371.029
Mg 285.213	98.3315b	mg/L	0.462813	0.5	3487517	98.3315 mg/L	Y 371.029
Mn 257.610	9.96729b	mg/L	0.085449	0.9	1532082	9.96729 mg/L	Y 371.029
Mn 259.372	9.92867b	mg/L	0.081097	0.8	1144271	9.92867 mg/L	Y 371.029
Mn 260.568	10.1931b	mg/L	0.063509	0.6	204598	10.1931 mg/L	Y 371.029
Mo 202.032	22.9326b	mg/L	0.241925	1.1	81575.5	22.9326 mg/L	Y 371.029
Mo 203.846	23.9155b	mg/L	0.315917	1.3	33945.5	23.9155 mg/L	Y 371.029
Mo 204.598	23.0932b	mg/L	0.224470	1.0	39597.5	23.0932 mg/L	Y 371.029
Na 568.821	103.793b	mg/L	0.233014	0.2	28825.6	103.793 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.671368	1.2	33622016	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.79807	2.1	29295080	- mg/L	Y 371.029
Ni 216.555	19.9218b	mg/L	0.052014	0.3	114239	19.9218 mg/L	Y 371.029
Ni 221.648	19.8955b	mg/L	0.086458	0.4	45157.2	19.8955 mg/L	Y 371.029
Ni 231.604	20.2049b	mg/L	0.027783	0.1	74549.7	20.2049 mg/L	Y 371.029
P 177.434	10.5607b	mg/L	0.039554	0.4	1756.26	10.5607 mg/L	Y 371.029
P 213.618	10.6064b	mg/L	0.107072	1.0	7701.21	10.6064 mg/L	Y 371.029
P 214.914	10.2667b	mg/L	0.042155	0.4	2251.11	10.2667 mg/L	Y 371.029
Pb 220.353	20.0834b	mg/L	0.018160	0.1	26178.4	20.0834 mg/L	Y 371.029
Pb 261.417	20.8104b	mg/L	0.031031	0.1	11129.1	20.8104 mg/L	Y 371.029
Pb 405.781	20.7500b	mg/L	0.055593	0.3	28985.9	20.7500 mg/L	Y 371.029
Sb 206.834	21.9559b	mg/L	0.162793	0.7	14154.4	21.9559 mg/L	Y 371.029
Sb 231.146	22.6136b	mg/L	0.175362	0.8	10925.6	22.6136 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.218856	0.9	9376.46	uncal mg/L	Y 371.029
Se 196.026	22.1555b	mg/L	0.110788	0.5	7144.99	22.1555 mg/L	Y 371.029
Se 203.985	22.7419b	mg/L	0.100359	0.4	4220.81	22.7419 mg/L	Y 371.029
Si 250.690	18.8201b	mg/L	0.540034	2.9	25214.2	18.8201 mg/L	Y 371.029
Si 251.611	18.1099b	mg/L	0.516684	2.9	28930.7	18.1099 mg/L	Y 371.029
Si 288.158	17.9573b	mg/L	0.465086	2.6	141773	17.9573 mg/L	Y 371.029
Sn 189.927	20.3581b	mg/L	0.050877	0.2	6220.47	20.3581 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.012393	0.0	41611.8	uncal mg/L	Y 371.029
Sr 216.596	10.0366b	mg/L	0.013445	0.1	95831.3	10.0366 mg/L	Y 371.029
Sr 407.771	8.97233b	mg/L	0.098667	1.1	22047578	8.97233 mg/L	Y 371.029
Sr 421.552	9.29050b	mg/L	0.041868	0.5	14410343	9.29050 mg/L	Y 371.029
Ti 334.941	10.0700b	mg/L	0.065470	0.7	2047021	10.0700 mg/L	Y 371.029
Ti 336.122	10.0681b	mg/L	0.056815	0.6	874044	10.0681 mg/L	Y 371.029
Ti 337.280	10.3585b	mg/L	0.010184	0.1	311094	10.3585 mg/L	Y 371.029
Tl 190.794	10.1236b	mg/L	0.033382	0.3	3829.94	10.1236 mg/L	Y 371.029
Tl 190.807	10.0903b	mg/L	0.031639	0.3	2032.38	10.0903 mg/L	Y 371.029
Tl 351.923	10.5340b	mg/L	0.049630	0.5	14767.0	10.5340 mg/L	Y 371.029
V 268.796	10.4795b	mg/L	0.028473	0.3	112055	10.4795 mg/L	Y 371.029
V 292.401	10.3233b	mg/L	0.004994	0.0	337723	10.3233 mg/L	Y 371.029
V 311.837	10.4926b	mg/L	0.026174	0.2	468157	10.4926 mg/L	Y 371.029
Zn 202.548	9.85966b	mg/L	0.015976	0.2	106862	9.85966 mg/L	Y 371.029
Zn 206.200	10.1446b	mg/L	0.072055	0.7	34261.2	10.1446 mg/L	Y 371.029
Zn 213.857	10.2547b	mg/L	0.206425	2.0	186066	10.2547 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.15346	9249.35	37.122	0.4
Y 371.029	0.852484	140581	668.481	0.5

SEQ-IFA1 (Samp) **4/6/2011, 7:36:16 PM** **Rack 1, Tube 6**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.008222uvb	mg/L	0.001376	16.7	1020.45	-0.008222 mg/L	Y 371.029
Ag 338.289	0.072419b	mg/L	0.009516	13.1	116.758	0.072419 mg/L	Y 371.029
Al 237.312	96.4292b	mg/L	0.202537	0.2	126297	96.4292 mg/L	Y 371.029
Al 257.509	97.8940b	mg/L	0.419377	0.4	59030.3	97.8940 mg/L	Y 371.029
Al 308.215	93.5733b	mg/L	0.021344	0.0	561792	93.5733 mg/L	Y 371.029
As 188.980	0.040400b	mg/L	0.004413	10.9	8.51588	0.040400 mg/L	Y 371.029
As 193.696	-0.002361b	mg/L	0.002906	123.1	2.32584	-0.002361 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.428339	3.8	17919.4	uncal mg/L	Y 371.029
B 182.577	-0.015996b	mg/L	0.001051	6.6	5.12156	-0.015996 mg/L	Y 371.029
B 249.678	-0.024228b	mg/L	0.000528	2.2	56.5086	-0.024228 mg/L	Y 371.029
B 249.772	0.018447b	mg/L	0.001586	8.6	2132.75	0.018447 mg/L	Y 371.029
Ba 233.527	-0.005464b	mg/L	0.000054	1.0	354.045	-0.005464 mg/L	Y 371.029
Ba 455.403	-0.003968b	mg/L	0.000027	0.7	4275.81	-0.003968 mg/L	Y 371.029
Ba 493.408	-0.004297b	mg/L	0.000019	0.4	2903.94	-0.004297 mg/L	Y 371.029
Be 234.861	0.002220uvb	mg/L	0.003573	160.9	-263.142	0.002220 mg/L	Y 371.029
Be 313.042	0.000136b	mg/L	0.000006	4.2	2840.16	0.000136 mg/L	Y 371.029
Be 313.107	0.000210uvb	mg/L	0.000006	2.7	31.1180	0.000210 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.163841	0.5	43227620	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.095018	0.5	41695900	- mg/L	Y 371.029
Ca 430.253	95.1587b	mg/L	0.142151	0.1	427776	95.1587 mg/L	Y 371.029
Cd 214.439	9.20950b	mg/L	0.036199	0.4	201786	9.20950 mg/L	Y 371.029
Cd 226.502	9.40368b	mg/L	0.006631	0.1	373002	9.40368 mg/L	Y 371.029
Cd 228.802	9.13870b	mg/L	0.155268	1.7	139038	9.13870 mg/L	Y 371.029
Co 228.615	-0.002784b	mg/L	0.000511	18.4	160.430	-0.002784 mg/L	Y 371.029
Co 230.786	-0.011367b	mg/L	0.000616	5.4	50.6236	-0.011367 mg/L	Y 371.029
Co 238.892	0.033981uvb	mg/L	0.054171	159.4	-334.843	0.033981 mg/L	Y 371.029
Cr 205.560	9.28597b	mg/L	0.046554	0.5	39921.2	9.28597 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.036539	0.4	16276.2	uncal mg/L	Y 371.029
Cr 267.716	9.19559b	mg/L	0.035800	0.4	204607	9.19559 mg/L	Y 371.029
Cu 213.598	9.14549b	mg/L	0.079591	0.9	39966.4	9.14549 mg/L	Y 371.029
Cu 324.754	9.36715b	mg/L	0.057575	0.6	312700	9.36715 mg/L	Y 371.029
Cu 327.395	9.37833b	mg/L	0.056580	0.6	402171	9.37833 mg/L	Y 371.029
Fe 234.350	95.6121b	mg/L	1.70861	1.8	868017	95.6121 mg/L	Y 371.029
Fe 238.204	93.7971b	mg/L	0.225816	0.2	1814135	93.7971 mg/L	Y 371.029
Fe 259.940	94.3354b	mg/L	0.375631	0.4	1458427	94.3354 mg/L	Y 371.029
Ga 287.423	-0.446715b	mg/L	0.003769	0.8	1198.56	-0.446715 mg/L	Y 371.029
Ga 294.363	-0.025439b	mg/L	0.001016	4.0	188.722	-0.025439 mg/L	Y 371.029
Ga 417.204	-0.189428b	mg/L	0.001608	0.8	3984.70	-0.189428 mg/L	Y 371.029
K 766.491	-0.049421b	mg/L	0.000244	0.5	2524.69	-0.049421 mg/L	Y 371.029
K 769.897	-0.080278b	mg/L	0.001871	2.3	13496.5	-0.080278 mg/L	Y 371.029
Li 610.365	0.007793b	mg/L	0.000082	1.1	150.166	0.007793 mg/L	Y 371.029
Li 670.783	-0.012622uvb	mg/L	0.000014	0.1	68929.5	-0.012622 mg/L	Y 371.029
Mg 279.078	94.0335b	mg/L	0.023646	0.0	165063	94.0335 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	79.0541b	mg/L	0.229381	0.3	7182490	79.0541 mg/L	Y 371.029
Mg 285.213	89.2405b	mg/L	0.227248	0.3	3165116	89.2405 mg/L	Y 371.029
Mn 257.610	8.85507b	mg/L	0.033572	0.4	1381363	8.85507 mg/L	Y 371.029
Mn 259.372	8.90090b	mg/L	0.028831	0.3	1038111	8.90090 mg/L	Y 371.029
Mn 260.568	9.15253b	mg/L	0.029789	0.3	184302	9.15253 mg/L	Y 371.029
Mo 202.032	9.60272b	mg/L	0.145528	1.5	34345.1	9.60272 mg/L	Y 371.029
Mo 203.846	9.72171b	mg/L	0.129011	1.3	13885.9	9.72171 mg/L	Y 371.029
Mo 204.598	9.50789b	mg/L	0.113498	1.2	16402.2	9.50789 mg/L	Y 371.029
Na 568.821	96.2137b	mg/L	0.149059	0.2	26649.2	96.2137 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.636928	1.2	31821120	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.05926	2.6	26724050	- mg/L	Y 371.029
Ni 216.555	8.53176b	mg/L	0.007835	0.1	49443.1	8.53176 mg/L	Y 371.029
Ni 221.648	8.40796b	mg/L	0.048713	0.6	19279.8	8.40796 mg/L	Y 371.029
Ni 231.604	8.54506b	mg/L	0.070115	0.8	31850.9	8.54506 mg/L	Y 371.029
P 177.434	-0.028127b	mg/L	0.006300	22.4	5.88830	-0.028127 mg/L	Y 371.029
P 213.618	-0.302219b	mg/L	0.007157	2.4	50.4262	-0.302219 mg/L	Y 371.029
P 214.914	-0.313805b	mg/L	0.004526	1.4	62.6140	-0.313805 mg/L	Y 371.029
Pb 220.353	-0.004167uvb	mg/L	0.001750	42.0	4.49354	-0.004167 mg/L	Y 371.029
Pb 261.417	0.056533uvb	mg/L	0.028779	50.9	29.2488	0.056533 mg/L	Y 371.029
Pb 405.781	-0.114139b	mg/L	0.003248	2.8	62.2130	-0.114139 mg/L	Y 371.029
Sb 206.834	0.016390b	mg/L	0.007086	43.2	97.3606	0.016390 mg/L	Y 371.029
Sb 231.146	-0.221872uvb	mg/L	0.005455	2.5	1.27169	-0.221872 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020308	5.0	30.0176	uncal mg/L	Y 371.029
Se 196.026	-0.009197b	mg/L	0.005306	57.7	8.06741	-0.009197 mg/L	Y 371.029
Se 203.985	0.489424b	mg/L	0.013733	2.8	268.514	0.489424 mg/L	Y 371.029
Si 250.690	-0.107091b	mg/L	0.006827	6.4	140.438	-0.107091 mg/L	Y 371.029
Si 251.611	-0.177267b	mg/L	0.011810	6.7	232.688	-0.177267 mg/L	Y 371.029
Si 288.158	-0.038395b	mg/L	0.003916	10.2	1097.09	-0.038395 mg/L	Y 371.029
Sn 189.927	-0.015299uvb	mg/L	0.002315	15.1	2.11287	-0.015299 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.021825	1.0	11919.7	uncal mg/L	Y 371.029
Sr 216.596	-0.029884uvb	mg/L	0.000581	1.9	-11.0668	-0.029884 mg/L	Y 371.029
Sr 407.771	-0.001537b	mg/L	0.000007	0.4	8658.39	-0.001537 mg/L	Y 371.029
Sr 421.552	-0.001983b	mg/L	0.000009	0.4	5018.26	-0.001983 mg/L	Y 371.029
Ti 334.941	9.05024b	mg/L	0.033073	0.4	1841732	9.05024 mg/L	Y 371.029
Ti 336.122	9.05546b	mg/L	0.029625	0.3	786858	9.05546 mg/L	Y 371.029
Ti 337.280	9.37621b	mg/L	0.011876	0.1	281805	9.37621 mg/L	Y 371.029
Tl 190.794	-0.039837b	mg/L	0.006122	15.4	4.06669	-0.039837 mg/L	Y 371.029
Tl 190.807	0.060934b	mg/L	0.010382	17.0	21.1001	0.060934 mg/L	Y 371.029
Tl 351.923	0.011370b	mg/L	0.002495	21.9	38.3283	0.011370 mg/L	Y 371.029
V 268.796	9.25547b	mg/L	0.014335	0.2	87523.6	9.25547 mg/L	Y 371.029
V 292.401	9.28926b	mg/L	0.078743	0.8	304661	9.28926 mg/L	Y 371.029
V 311.837	9.44236b	mg/L	0.005994	0.1	422129	9.44236 mg/L	Y 371.029
Zn 202.548	9.03605b	mg/L	0.081703	0.9	98030.7	9.03605 mg/L	Y 371.029
Zn 206.200	9.12272b	mg/L	0.043686	0.5	30844.6	9.12272 mg/L	Y 371.029
Zn 213.857	9.25742b	mg/L	0.022866	0.2	167236	9.25742 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18135	9472.99	49.162	0.5
Y 371.029	0.867649	143081	710.877	0.5

SEQ-IFB1 (Samp) **4/6/2011, 7:40:29 PM** **Rack 1, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.087785b	mg/L	0.001501	1.7	5701.06	0.087785 mg/L	Y 371.029
Ag 338.289	0.164836b	mg/L	0.001487	0.9	386.598	0.164836 mg/L	Y 371.029
Al 237.312	99.8467b	mg/L	0.579991	0.6	130771	99.8467 mg/L	Y 371.029
Al 257.509	101.226b	mg/L	0.516036	0.5	61037.9	101.226 mg/L	Y 371.029
Al 308.215	96.8881b	mg/L	0.224324	0.2	581711	96.8881 mg/L	Y 371.029
As 188.980	0.533555b	mg/L	0.010723	2.0	198.407	0.533555 mg/L	Y 371.029
As 193.696	0.445583b	mg/L	0.003264	0.7	201.976	0.445583 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.677697	9.1	16164.6	uncal mg/L	Y 371.029
B 182.577	0.480416b	mg/L	0.005555	1.2	258.511	0.480416 mg/L	Y 371.029
B 249.678	0.461750b	mg/L	0.006539	1.4	4447.60	0.461750 mg/L	Y 371.029
B 249.772	0.476425b	mg/L	0.010209	2.1	10748.3	0.476425 mg/L	Y 371.029
Ba 233.527	0.479427b	mg/L	0.001726	0.4	20050.1	0.479427 mg/L	Y 371.029
Ba 455.403	0.487212b	mg/L	0.000141	0.0	440537	0.487212 mg/L	Y 371.029
Ba 493.408	0.484924b	mg/L	0.000762	0.2	263757	0.484924 mg/L	Y 371.029
Be 234.861	0.462246b	mg/L	0.000591	0.1	53287.0	0.462246 mg/L	Y 371.029
Be 313.042	0.478651b	mg/L	0.000721	0.2	804434	0.478651 mg/L	Y 371.029
Be 313.107	0.479560b	mg/L	0.000610	0.1	387919	0.479560 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.404765	1.2	43858724	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.255219	1.2	42355180	- mg/L	Y 371.029
Ca 430.253	101.224b	mg/L	0.188347	0.2	454943	101.224 mg/L	Y 371.029
Cd 214.439	9.70739b	mg/L	0.091713	0.9	212696	9.70739 mg/L	Y 371.029
Cd 226.502	9.72305b	mg/L	0.021892	0.2	385668	9.72305 mg/L	Y 371.029
Cd 228.802	9.64425b	mg/L	0.161740	1.7	146729	9.64425 mg/L	Y 371.029
Co 228.615	0.482026b	mg/L	0.002962	0.6	4837.52	0.482026 mg/L	Y 371.029
Co 230.786	0.471091b	mg/L	0.004371	0.9	3193.78	0.471091 mg/L	Y 371.029
Co 238.892	0.290731b	mg/L	0.002025	0.7	1204.30	0.290731 mg/L	Y 371.029
Cr 205.560	9.81625b	mg/L	0.094578	1.0	42195.2	9.81625 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.110908	1.1	17370.1	uncal mg/L	Y 371.029
Cr 267.716	9.77571b	mg/L	0.017324	0.2	217477	9.77571 mg/L	Y 371.029
Cu 213.598	9.73385b	mg/L	0.103597	1.1	42534.7	9.73385 mg/L	Y 371.029
Cu 324.754	10.0206b	mg/L	0.038280	0.4	334446	10.0206 mg/L	Y 371.029
Cu 327.395	10.0319b	mg/L	0.039368	0.4	430134	10.0319 mg/L	Y 371.029
Fe 234.350	97.0543b	mg/L	0.650310	0.7	881381	97.0543 mg/L	Y 371.029
Fe 238.204	94.9967b	mg/L	0.264922	0.3	1837693	94.9967 mg/L	Y 371.029
Fe 259.940	95.9441b	mg/L	0.762874	0.8	1483512	95.9441 mg/L	Y 371.029
Ga 287.423	0.028031b	mg/L	0.005316	19.0	2357.90	0.028031 mg/L	Y 371.029
Ga 294.363	0.446439b	mg/L	0.003022	0.7	3214.42	0.446439 mg/L	Y 371.029
Ga 417.204	0.301960b	mg/L	0.001168	0.4	8969.55	0.301960 mg/L	Y 371.029
K 766.491	5.40774b	mg/L	0.003334	0.1	415258	5.40774 mg/L	Y 371.029
K 769.897	5.33163b	mg/L	0.002250	0.0	327423	5.33163 mg/L	Y 371.029
Li 610.365	0.966424b	mg/L	0.002844	0.3	46396.9	0.966424 mg/L	Y 371.029
Li 670.783	0.931871b	mg/L	0.000961	0.1	3593576	0.931871 mg/L	Y 371.029
Mg 279.078	100.011b	mg/L	0.262124	0.3	175534	100.011 mg/L	Y 371.029
Mg 280.270	83.1652b	mg/L	0.133524	0.2	7556004	83.1652 mg/L	Y 371.029
Mg 285.213	94.8393b	mg/L	0.484046	0.5	3363688	94.8393 mg/L	Y 371.029
Mn 257.610	9.43005b	mg/L	0.088383	0.9	1469904	9.43005 mg/L	Y 371.029
Mn 259.372	9.47422b	mg/L	0.092434	1.0	1104410	9.47422 mg/L	Y 371.029
Mn 260.568	9.73978b	mg/L	0.019130	0.2	196095	9.73978 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	10.8628b	mg/L	0.121646	1.1	38828.8	10.8628 mg/L	Y 371.029
Mo 203.846	11.1744b	mg/L	0.016076	0.1	15947.8	11.1744 mg/L	Y 371.029
Mo 204.598	10.8973b	mg/L	0.024312	0.2	18785.2	10.8973 mg/L	Y 371.029
Na 568.821	103.041b	mg/L	0.048034	0.0	28534.4	103.041 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.619620	1.1	33865708	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.13846	1.3	29681034	- mg/L	Y 371.029
Ni 216.555	9.60150b	mg/L	0.011479	0.1	55582.4	9.60150 mg/L	Y 371.029
Ni 221.648	9.51709b	mg/L	0.060585	0.6	21798.9	9.51709 mg/L	Y 371.029
Ni 231.604	9.61494b	mg/L	0.137120	1.4	35801.1	9.61494 mg/L	Y 371.029
P 177.434	0.463717b	mg/L	0.009089	2.0	87.6773	0.463717 mg/L	Y 371.029
P 213.618	0.184553b	mg/L	0.029278	15.9	407.692	0.184553 mg/L	Y 371.029
P 214.914	0.146598b	mg/L	0.010803	7.4	165.617	0.146598 mg/L	Y 371.029
Pb 220.353	0.936871b	mg/L	0.000427	0.0	1230.96	0.936871 mg/L	Y 371.029
Pb 261.417	0.447415b	mg/L	0.016997	3.8	237.228	0.447415 mg/L	Y 371.029
Pb 405.781	0.811974b	mg/L	0.020481	2.5	1357.37	0.811974 mg/L	Y 371.029
Sb 206.834	1.06488b	mg/L	0.008562	0.8	773.996	1.06488 mg/L	Y 371.029
Sb 231.146	0.708793b	mg/L	0.028514	4.0	452.547	0.708793 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.079211	25.3	69.8791	uncal mg/L	Y 371.029
Se 196.026	0.963717b	mg/L	0.028047	2.9	321.693	0.963717 mg/L	Y 371.029
Se 203.985	1.48897b	mg/L	0.037704	2.5	457.087	1.48897 mg/L	Y 371.029
Si 250.690	0.879086b	mg/L	0.012125	1.4	1461.51	0.879086 mg/L	Y 371.029
Si 251.611	0.763209b	mg/L	0.011592	1.5	1739.10	0.763209 mg/L	Y 371.029
Si 288.158	0.883777b	mg/L	0.011918	1.3	8329.08	0.883777 mg/L	Y 371.029
Sn 189.927	0.936814b	mg/L	0.007138	0.8	292.914	0.936814 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.028437	0.9	14036.4	uncal mg/L	Y 371.029
Sr 216.596	0.437197b	mg/L	0.001002	0.2	4450.60	0.437197 mg/L	Y 371.029
Sr 407.771	0.469182b	mg/L	0.006426	1.4	1165088	0.469182 mg/L	Y 371.029
Sr 421.552	0.468741b	mg/L	0.004556	1.0	735023	0.468741 mg/L	Y 371.029
Ti 334.941	9.67171b	mg/L	0.012494	0.1	1968069	9.67171 mg/L	Y 371.029
Ti 336.122	9.67781b	mg/L	0.017552	0.2	840888	9.67781 mg/L	Y 371.029
Ti 337.280	9.99050b	mg/L	0.029397	0.3	300256	9.99050 mg/L	Y 371.029
Tl 190.794	0.394251b	mg/L	0.002730	0.7	168.621	0.394251 mg/L	Y 371.029
Tl 190.807	0.468992b	mg/L	0.030972	6.6	103.920	0.468992 mg/L	Y 371.029
Tl 351.923	0.471736b	mg/L	0.013765	2.9	682.968	0.471736 mg/L	Y 371.029
V 268.796	9.84070b	mg/L	0.003547	0.0	93901.5	9.84070 mg/L	Y 371.029
V 292.401	9.89948b	mg/L	0.003245	0.0	324630	9.89948 mg/L	Y 371.029
V 311.837	10.0870b	mg/L	0.005013	0.0	450899	10.0870 mg/L	Y 371.029
Zn 202.548	9.57064b	mg/L	0.049837	0.5	103794	9.57064 mg/L	Y 371.029
Zn 206.200	9.77074b	mg/L	0.099140	1.0	33017.6	9.77074 mg/L	Y 371.029
Zn 213.857	10.0111b	mg/L	0.074893	0.7	180762	10.0111 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.16887	9372.91	10.994	0.1
Y 371.029	0.862123	142170	97.717	0.1

SEQ-CCV1 (Samp) **4/6/2011, 7:44:43 PM** **Rack 1, Tube 8**

M_200.7_T_WW **CCV**

Weight: 1 **Volume: 1** **Dilution: 1**

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.091223	mg/L	0.001809	2.0	5941.37	0.091223 mg/L	Y 371.029
Ag 338.289	0.090438	mg/L	0.001431	1.6	297.781	0.090438 mg/L	Y 371.029
Al 237.312	2.51804	mg/L	0.003350	0.1	3360.63	2.51804 mg/L	Y 371.029
Al 257.509	2.50366	mg/L	0.024579	1.0	1521.89	2.50366 mg/L	Y 371.029
Al 308.215	2.50797	mg/L	0.003673	0.1	16025.9	2.50797 mg/L	Y 371.029
As 188.980	0.507112	mg/L	0.007365	1.5	200.897	0.507112 mg/L	Y 371.029
As 193.696	0.499863	mg/L	0.001739	0.3	223.827	0.499863 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.019266	2.7	749.635	uncal mg/L	Y 371.029
B 182.577	0.506019	mg/L	0.002929	0.6	262.922	0.506019 mg/L	Y 371.029
B 249.678	0.495635	mg/L	0.008251	1.7	4496.60	0.495635 mg/L	Y 371.029
B 249.772	0.485288	mg/L	0.002757	0.6	9158.47	0.485288 mg/L	Y 371.029
Ba 233.527	0.500029	mg/L	0.004488	0.9	20501.7	0.500029 mg/L	Y 371.029
Ba 455.403	0.500594	mg/L	0.001587	0.3	448676	0.500594 mg/L	Y 371.029
Ba 493.408	0.499069	mg/L	0.000242	0.0	268590	0.499069 mg/L	Y 371.029
Be 234.861	0.489109	mg/L	0.002369	0.5	56929.2	0.489109 mg/L	Y 371.029
Be 313.042	0.494095	mg/L	0.003393	0.7	828948	0.494095 mg/L	Y 371.029
Be 313.107	0.493160	mg/L	0.003657	0.7	399150	0.493160 mg/L	Y 371.029
Ca 393.366	4.64540n	mg/L	0.007405	0.2	5977935	4.64540 mg/L	Y 371.029
Ca 396.847	4.44486	mg/L	0.001322	0.0	8811845	4.44486 mg/L	Y 371.029
Ca 430.253	4.92204	mg/L	0.004554	0.1	23411.5	4.92204 mg/L	Y 371.029
Cd 214.439	0.255300	mg/L	0.002206	0.9	5592.15	0.255300 mg/L	Y 371.029
Cd 226.502	0.251016	mg/L	0.000255	0.1	9970.92	0.251016 mg/L	Y 371.029
Cd 228.802	0.250320	mg/L	0.001450	0.6	3831.93	0.250320 mg/L	Y 371.029
Co 228.615	0.503575	mg/L	0.003110	0.6	4871.02	0.503575 mg/L	Y 371.029
Co 230.786	0.501566	mg/L	0.000743	0.1	3276.07	0.501566 mg/L	Y 371.029
Co 238.892	0.502436	mg/L	0.000647	0.1	3021.57	0.502436 mg/L	Y 371.029
Cr 205.560	0.502181	mg/L	0.001619	0.3	2157.71	0.502181 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.002048	0.4	880.698	uncal mg/L	Y 371.029
Cr 267.716	0.495353	mg/L	0.001069	0.2	11007.0	0.495353 mg/L	Y 371.029
Cu 213.598	0.508520	mg/L	0.002437	0.5	2219.69	0.508520 mg/L	Y 371.029
Cu 324.754	0.499931	mg/L	0.000758	0.2	17213.4	0.499931 mg/L	Y 371.029
Cu 327.395	0.499870	mg/L	0.000869	0.2	21406.3	0.499870 mg/L	Y 371.029
Fe 234.350	0.505134	mg/L	0.000985	0.2	4863.50	0.505134 mg/L	Y 371.029
Fe 238.204	0.501077	mg/L	0.001628	0.3	10039.1	0.501077 mg/L	Y 371.029
Fe 259.940	0.503057	mg/L	0.006055	1.2	8043.18	0.503057 mg/L	Y 371.029
Ga 287.423	0.504413	mg/L	0.004187	0.8	1217.52	0.504413 mg/L	Y 371.029
Ga 294.363	0.493580	mg/L	0.001013	0.2	3181.93	0.493580 mg/L	Y 371.029
Ga 417.204	0.502741	mg/L	0.000874	0.2	5108.41	0.502741 mg/L	Y 371.029
K 766.491	5.20472	mg/L	0.004182	0.1	395844	5.20472 mg/L	Y 371.029
K 769.897	5.14822	mg/L	0.003971	0.1	311462	5.14822 mg/L	Y 371.029
Li 610.365	1.04914	mg/L	0.001465	0.1	50387.2	1.04914 mg/L	Y 371.029
Li 670.783	1.01925	mg/L	0.002193	0.2	3874647	1.01925 mg/L	Y 371.029
Mg 279.078	5.00845	mg/L	0.007807	0.2	8802.70	5.00845 mg/L	Y 371.029
Mg 280.270	5.82590	mg/L	0.017058	0.3	529698	5.82590 mg/L	Y 371.029
Mg 285.213	5.20149	mg/L	0.068166	1.3	184555	5.20149 mg/L	Y 371.029
Mn 257.610	0.495941	mg/L	0.000460	0.1	76203.2	0.495941 mg/L	Y 371.029
Mn 259.372	0.492342	mg/L	0.001976	0.4	56785.3	0.492342 mg/L	Y 371.029
Mn 260.568	0.498375	mg/L	0.005434	1.1	10006.6	0.498375 mg/L	Y 371.029
Mo 202.032	1.16838	mg/L	0.019234	1.6	4176.34	1.16838 mg/L	Y 371.029
Mo 203.846	1.19877	mg/L	0.026939	2.2	1707.17	1.19877 mg/L	Y 371.029
Mo 204.598	1.16371	mg/L	0.026333	2.3	1994.49	1.16371 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	4.89153	mg/L	0.024070	0.5	1471.89	4.89153 mg/L	Y 371.029
Na 588.995	5.39402	mg/L	0.086546	1.6	3552450	5.39402 mg/L	Y 371.029
Na 589.592	5.15655	mg/L	0.011208	0.2	1797488	5.15655 mg/L	Y 371.029
Ni 216.555	1.00619	mg/L	0.000509	0.1	5771.84	1.00619 mg/L	Y 371.029
Ni 221.648	0.996449	mg/L	0.002030	0.2	2264.15	0.996449 mg/L	Y 371.029
Ni 231.604	1.00661	mg/L	0.005207	0.5	3721.64	1.00661 mg/L	Y 371.029
P 177.434	0.505623	mg/L	0.006545	1.3	85.9503	0.505623 mg/L	Y 371.029
P 213.618	0.507787	mg/L	0.011310	2.2	370.163	0.507787 mg/L	Y 371.029
P 214.914	0.490105	mg/L	0.011574	2.4	109.770	0.490105 mg/L	Y 371.029
Pb 220.353	1.00237	mg/L	0.001598	0.2	1310.45	1.00237 mg/L	Y 371.029
Pb 261.417	1.00592	mg/L	0.002748	0.3	557.986	1.00592 mg/L	Y 371.029
Pb 405.781	1.00866	mg/L	0.006939	0.7	1443.50	1.00866 mg/L	Y 371.029
Sb 206.834	0.847618	mg/L	0.007959	0.9	555.866	0.847618 mg/L	Y 371.029
Sb 231.146	0.884228	mg/L	0.003993	0.5	432.982	0.884228 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.011276	1.2	369.252	uncal mg/L	Y 371.029
Se 196.026	1.01883	mg/L	0.016355	1.6	334.303	1.01883 mg/L	Y 371.029
Se 203.985	1.03743	mg/L	0.017097	1.6	196.185	1.03743 mg/L	Y 371.029
Si 250.690	1.00212	mg/L	0.008006	0.8	1381.34	1.00212 mg/L	Y 371.029
Si 251.611	0.969911	mg/L	0.006423	0.7	1569.57	0.969911 mg/L	Y 371.029
Si 288.158	0.963688	mg/L	0.004490	0.5	8443.65	0.963688 mg/L	Y 371.029
Sn 189.927	0.987983	mg/L	0.009149	0.9	305.114	0.987983 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004857	0.4	2077.98	uncal mg/L	Y 371.029
Sr 216.596	0.502768	mg/L	0.000641	0.1	4820.35	0.502768 mg/L	Y 371.029
Sr 407.771	0.479521	mg/L	0.002277	0.5	1183478	0.479521 mg/L	Y 371.029
Sr 421.552	0.483128	mg/L	0.002290	0.5	752350	0.483128 mg/L	Y 371.029
Ti 334.941	0.493111	mg/L	0.003055	0.6	100338	0.493111 mg/L	Y 371.029
Ti 336.122	0.505381	mg/L	0.006000	1.2	43913.0	0.505381 mg/L	Y 371.029
Ti 337.280	0.509404	mg/L	0.006039	1.2	15295.4	0.509404 mg/L	Y 371.029
Tl 190.794	0.504396	mg/L	0.001796	0.4	191.318	0.504396 mg/L	Y 371.029
Tl 190.807	0.504921	mg/L	0.006340	1.3	103.037	0.504921 mg/L	Y 371.029
Tl 351.923	0.503853	mg/L	0.008365	1.7	721.734	0.503853 mg/L	Y 371.029
V 268.796	0.522776	mg/L	0.003128	0.6	5627.62	0.522776 mg/L	Y 371.029
V 292.401	0.500801	mg/L	0.001228	0.2	16411.8	0.500801 mg/L	Y 371.029
V 311.837	0.507960	mg/L	0.000654	0.1	22633.0	0.507960 mg/L	Y 371.029
Zn 202.548	0.508999	mg/L	0.000982	0.2	6227.65	0.508999 mg/L	Y 371.029
Zn 206.200	0.507644	mg/L	0.001480	0.3	1939.99	0.507644 mg/L	Y 371.029
Zn 213.857	0.493637	mg/L	0.002760	0.6	10152.0	0.493637 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24062	9948.23	41.866	0.4
Y 371.029	0.896569	147850	657.068	0.4

SEQ-CCB1 (Samp) **4/6/2011, 7:48:38 PM** **Rack 1, Tube 9**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.006259uv	mg/L	0.002222	35.5	1187.95	-0.006259 mg/L	Y 371.029
Ag 338.289	-0.003153uv	mg/L	0.003457	109.6	22.7589	-0.003153 mg/L	Y 371.029
Al 237.312	0.003177uv	mg/L	0.008248	259.6	64.9038	0.003177 mg/L	Y 371.029
Al 257.509	0.007708	mg/L	0.002052	26.6	18.0580	0.007708 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	-0.007896uv	mg/L	0.002519	31.9	906.513	-0.007896 mg/L	Y 371.029
As 188.980	0.013132	mg/L	0.002686	20.5	10.4802	0.013132 mg/L	Y 371.029
As 193.696	0.011657	mg/L	0.005917	50.8	6.23636	0.011657 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.012065	117.6	22.4344	uncal mg/L	Y 371.029
B 182.577	0.004184	mg/L	0.001614	38.6	6.85526	0.004184 mg/L	Y 371.029
B 249.678	0.005692	mg/L	0.001019	17.9	72.5662	0.005692 mg/L	Y 371.029
B 249.772	0.005752	mg/L	0.001280	22.3	155.965	0.005752 mg/L	Y 371.029
Ba 233.527	0.000095	mg/L	0.000009	9.8	199.434	0.000095 mg/L	Y 371.029
Ba 455.403	0.000037	mg/L	0.000011	29.2	4118.68	0.000037 mg/L	Y 371.029
Ba 493.408	-0.000006uv	mg/L	0.000002	32.3	2508.00	-0.000006 mg/L	Y 371.029
Be 234.861	0.000112	mg/L	0.000012	10.4	0.511114	0.000112 mg/L	Y 371.029
Be 313.042	0.000024	mg/L	0.000011	44.7	1349.55	0.000024 mg/L	Y 371.029
Be 313.107	0.000023	mg/L	0.000007	28.5	90.7701	0.000023 mg/L	Y 371.029
Ca 393.366	-0.002935nuv	mg/L	0.000044	1.5	16416.5	-0.002935 mg/L	Y 371.029
Ca 396.847	-0.001699uv	mg/L	0.000030	1.8	23632.2	-0.001699 mg/L	Y 371.029
Ca 430.253	-0.023789uv	mg/L	0.010623	44.7	1264.33	-0.023789 mg/L	Y 371.029
Cd 214.439	0.000303	mg/L	0.000066	21.7	4.97143	0.000303 mg/L	Y 371.029
Cd 226.502	0.000069	mg/L	0.000024	34.6	20.6812	0.000069 mg/L	Y 371.029
Cd 228.802	0.000271	mg/L	0.000299	110.3	27.4967	0.000271 mg/L	Y 371.029
Co 228.615	0.000090uv	mg/L	0.000378	420.6	13.1359	0.000090 mg/L	Y 371.029
Co 230.786	-0.000099uv	mg/L	0.000356	358.3	7.91054	-0.000099 mg/L	Y 371.029
Co 238.892	-0.000133uv	mg/L	0.000099	74.6	6.05006	-0.000133 mg/L	Y 371.029
Cr 205.560	-0.000318uv	mg/L	0.000415	130.4	4.85854	-0.000318 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000875	170.5	2.67226	uncal mg/L	Y 371.029
Cr 267.716	0.000518	mg/L	0.000254	49.0	34.1445	0.000518 mg/L	Y 371.029
Cu 213.598	0.000285	mg/L	0.000123	43.2	4.25400	0.000285 mg/L	Y 371.029
Cu 324.754	0.000265	mg/L	0.000187	70.5	591.900	0.000265 mg/L	Y 371.029
Cu 327.395	0.000870	mg/L	0.000236	27.2	60.9540	0.000870 mg/L	Y 371.029
Fe 234.350	0.001723	mg/L	0.000738	42.9	29.8322	0.001723 mg/L	Y 371.029
Fe 238.204	0.002016	mg/L	0.000731	36.3	64.2993	0.002016 mg/L	Y 371.029
Fe 259.940	0.002534	mg/L	0.000742	29.3	82.9524	0.002534 mg/L	Y 371.029
Ga 287.423	0.001809uv	mg/L	0.003704	204.8	16.7214	0.001809 mg/L	Y 371.029
Ga 294.363	0.000463uv	mg/L	0.001467	316.7	25.4886	0.000463 mg/L	Y 371.029
Ga 417.204	0.000793	mg/L	0.000526	66.3	88.2666	0.000793 mg/L	Y 371.029
K 766.491	0.000243	mg/L	0.000254	104.8	2262.88	0.000243 mg/L	Y 371.029
K 769.897	0.002670	mg/L	0.002988	111.9	13052.0	0.002670 mg/L	Y 371.029
Li 610.365	0.004976	mg/L	0.000164	3.3	14.2397	0.004976 mg/L	Y 371.029
Li 670.783	0.000456	mg/L	0.000035	7.7	73506.4	0.000456 mg/L	Y 371.029
Mg 279.078	0.000576uv	mg/L	0.002251	391.0	15.9408	0.000576 mg/L	Y 371.029
Mg 280.270	-0.001368uv	mg/L	0.000025	1.8	352.244	-0.001368 mg/L	Y 371.029
Mg 285.213	0.000541	mg/L	0.000066	12.1	99.8141	0.000541 mg/L	Y 371.029
Mn 257.610	-0.000028uv	mg/L	0.000013	46.1	3.07111	-0.000028 mg/L	Y 371.029
Mn 259.372	0.000074	mg/L	0.000020	27.1	82.8736	0.000074 mg/L	Y 371.029
Mn 260.568	0.000204	mg/L	0.000108	52.8	8.09670	0.000204 mg/L	Y 371.029
Mo 202.032	0.055587	mg/L	0.006895	12.4	220.186	0.055587 mg/L	Y 371.029
Mo 203.846	0.055841	mg/L	0.009319	16.7	85.5810	0.055841 mg/L	Y 371.029
Mo 204.598	0.057101	mg/L	0.008634	15.1	97.4629	0.057101 mg/L	Y 371.029
Na 568.821	0.458621	mg/L	0.107786	23.5	243.029	0.458621 mg/L	Y 371.029
Na 588.995	-0.153109uv	mg/L	0.000960	0.6	213432	-0.153109 mg/L	Y 371.029
Na 589.592	-0.012956uv	mg/L	0.000453	3.5	74757.6	-0.012956 mg/L	Y 371.029
Ni 216.555	0.000535uv	mg/L	0.000631	117.9	5.19775	0.000535 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000628uv	mg/L	0.000813	129.5	4.08265	0.000628 mg/L	Y 371.029
Ni 231.604	-0.000826uv	mg/L	0.000549	66.5	4.95769	-0.000826 mg/L	Y 371.029
P 177.434	-0.001867uv	mg/L	0.004616	247.3	1.62020	-0.001867 mg/L	Y 371.029
P 213.618	0.000709uv	mg/L	0.001145	161.5	1.38038	0.000709 mg/L	Y 371.029
P 214.914	-0.000601uv	mg/L	0.015541	2587.6	1.98710	-0.000601 mg/L	Y 371.029
Pb 220.353	0.002735	mg/L	0.001240	45.3	7.65398	0.002735 mg/L	Y 371.029
Pb 261.417	0.014403	mg/L	0.010578	73.4	28.8007	0.014403 mg/L	Y 371.029
Pb 405.781	0.007411uv	mg/L	0.009072	122.4	46.5102	0.007411 mg/L	Y 371.029
Sb 206.834	0.051330	mg/L	0.005594	10.9	41.8981	0.051330 mg/L	Y 371.029
Sb 231.146	0.061822	mg/L	0.008359	13.5	34.8077	0.061822 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.000355	0.6	30.2689	uncal mg/L	Y 371.029
Se 196.026	0.011371	mg/L	0.003530	31.0	9.63583	0.011371 mg/L	Y 371.029
Se 203.985	0.022162	mg/L	0.008999	40.6	7.11631	0.022162 mg/L	Y 371.029
Si 250.690	-0.009819uv	mg/L	0.003326	33.9	28.9583	-0.009819 mg/L	Y 371.029
Si 251.611	-0.002360uv	mg/L	0.001103	46.7	21.2195	-0.002360 mg/L	Y 371.029
Si 288.158	0.000102uv	mg/L	0.001266	1240.2	884.083	0.000102 mg/L	Y 371.029
Sn 189.927	0.000475uv	mg/L	0.001642	345.8	3.54914	0.000475 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003009	24.8	15.8400	uncal mg/L	Y 371.029
Sr 216.596	-0.000011uv	mg/L	0.000049	447.8	20.8098	-0.000011 mg/L	Y 371.029
Sr 407.771	-0.000031uv	mg/L	0.000010	31.7	5405.13	-0.000031 mg/L	Y 371.029
Sr 421.552	-0.000012uv	mg/L	0.000006	46.8	3136.79	-0.000012 mg/L	Y 371.029
Ti 334.941	0.002958	mg/L	0.000883	29.9	705.333	0.002958 mg/L	Y 371.029
Ti 336.122	0.002741	mg/L	0.000863	31.5	280.636	0.002741 mg/L	Y 371.029
Ti 337.280	0.002559	mg/L	0.001015	39.7	73.4641	0.002559 mg/L	Y 371.029
Tl 190.794	0.004953	mg/L	0.002572	51.9	2.39913	0.004953 mg/L	Y 371.029
Tl 190.807	0.000803uv	mg/L	0.004097	510.3	1.66154	0.000803 mg/L	Y 371.029
Tl 351.923	0.002304uv	mg/L	0.011506	499.5	19.3530	0.002304 mg/L	Y 371.029
V 268.796	0.002138	mg/L	0.001385	64.8	109.309	0.002138 mg/L	Y 371.029
V 292.401	0.000360	mg/L	0.000129	35.9	41.2367	0.000360 mg/L	Y 371.029
V 311.837	0.001120	mg/L	0.000011	1.0	16.9926	0.001120 mg/L	Y 371.029
Zn 202.548	0.001934	mg/L	0.000288	14.9	774.207	0.001934 mg/L	Y 371.029
Zn 206.200	0.001461	mg/L	0.000589	40.3	242.771	0.001461 mg/L	Y 371.029
Zn 213.857	0.001455	mg/L	0.000243	16.7	1276.40	0.001455 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23760	9924.05	21.191	0.2
Y 371.029	0.896102	147773	359.989	0.2

1115032-BLK1 (Samp) **4/6/2011, 7:51:52 PM** **Rack 1, Tube 10**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.009790uvb	mg/L	0.002891	29.5	1196.61	-0.097900 mg/L	Y 371.029
Ag 338.289	-0.008611uvb	mg/L	0.001095	12.7	6.66011	-0.086106 mg/L	Y 371.029
Al 237.312	-0.002921b	mg/L	0.006095	208.6	69.6890	-0.029214 mg/L	Y 371.029
Al 257.509	-0.020463b	mg/L	0.008570	41.9	19.9913	-0.204634 mg/L	Y 371.029
Al 308.215	0.029548b	mg/L	0.002767	9.4	980.893	0.295483 mg/L	Y 371.029
As 188.980	0.022237b	mg/L	0.003202	14.4	10.0838	0.222365 mg/L	Y 371.029
As 193.696	0.013929b	mg/L	0.003742	26.9	4.11032	0.139286 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007377	44.2	21.1133	uncal mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.001639	mg/L	0.000939	57.3	1279.51	0.001639 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21713	9759.89	28.630	0.3
Y 371.029	0.876269	144503	267.129	0.2

SEQ-CCV6 (Samp) **4/7/2011, 9:23:04 AM** **Rack 1, Tube 57**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.082299	mg/L	0.000436	0.5	5504.62	0.082299 mg/L	Y 371.029
Ag 338.289	0.086430	mg/L	0.001471	1.7	285.827	0.086430 mg/L	Y 371.029
Al 237.312	2.52822	mg/L	0.006714	0.3	3373.84	2.52822 mg/L	Y 371.029
Al 257.509	2.56616	mg/L	0.020370	0.8	1559.70	2.56616 mg/L	Y 371.029
Al 308.215	2.47726	mg/L	0.005816	0.2	15835.4	2.47726 mg/L	Y 371.029
As 188.980	0.491208	mg/L	0.003174	0.6	194.765	0.491208 mg/L	Y 371.029
As 193.696	0.482881	mg/L	0.009995	2.1	216.265	0.482881 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.024509	4.1	676.863	uncal mg/L	Y 371.029
B 182.577	0.519517	mg/L	0.003008	0.6	269.816	0.519517 mg/L	Y 371.029
B 249.678	0.478598	mg/L	0.006683	1.4	4343.40	0.478598 mg/L	Y 371.029
B 249.772	0.482322	mg/L	0.008004	1.7	9102.80	0.482322 mg/L	Y 371.029
Ba 233.527	0.485976	mg/L	0.003544	0.7	19931.5	0.485976 mg/L	Y 371.029
Ba 455.403	0.518794	mg/L	0.001786	0.3	464836	0.518794 mg/L	Y 371.029
Ba 493.408	0.503930	mg/L	0.001333	0.3	271181	0.503930 mg/L	Y 371.029
Be 234.861	0.497906	mg/L	0.004493	0.9	57953.3	0.497906 mg/L	Y 371.029
Be 313.042	0.492198	mg/L	0.002785	0.6	825771	0.492198 mg/L	Y 371.029
Be 313.107	0.488178	mg/L	0.002918	0.6	395119	0.488178 mg/L	Y 371.029
Ca 393.366	4.80799n	mg/L	0.020027	0.4	6186229	4.80799 mg/L	Y 371.029
Ca 396.847	4.45439	mg/L	0.013065	0.3	8830499	4.45439 mg/L	Y 371.029
Ca 430.253	4.84549	mg/L	0.022818	0.5	23069.0	4.84549 mg/L	Y 371.029
Cd 214.439	0.253563	mg/L	0.001637	0.6	5554.10	0.253563 mg/L	Y 371.029
Cd 226.502	0.244066	mg/L	0.000648	0.3	9695.43	0.244066 mg/L	Y 371.029
Cd 228.802	0.251613	mg/L	0.001333	0.5	3851.49	0.251613 mg/L	Y 371.029
Co 228.615	0.502293	mg/L	0.001969	0.4	4858.23	0.502293 mg/L	Y 371.029
Co 230.786	0.496184	mg/L	0.001859	0.4	3240.35	0.496184 mg/L	Y 371.029
Co 238.892	0.500196	mg/L	0.003593	0.7	3008.20	0.500196 mg/L	Y 371.029
Cr 205.560	0.500515	mg/L	0.007464	1.5	2150.50	0.500515 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.009726	1.9	877.129	uncal mg/L	Y 371.029
Cr 267.716	0.487281	mg/L	0.002417	0.5	10828.5	0.487281 mg/L	Y 371.029
Cu 213.598	0.503113	mg/L	0.003793	0.8	2194.13	0.503113 mg/L	Y 371.029
Cu 324.754	0.520567	mg/L	0.001805	0.3	17901.1	0.520567 mg/L	Y 371.029
Cu 327.395	0.511018	mg/L	0.001045	0.2	21883.1	0.511018 mg/L	Y 371.029
Fe 234.350	0.482901	mg/L	0.001775	0.4	4662.16	0.482901 mg/L	Y 371.029
Fe 238.204	0.479975	mg/L	0.001966	0.4	9629.63	0.479975 mg/L	Y 371.029
Fe 259.940	0.482320	mg/L	0.004156	0.9	7722.19	0.482320 mg/L	Y 371.029
Ga 287.423	0.509170	mg/L	0.003074	0.6	1228.65	0.509170 mg/L	Y 371.029
Ga 294.363	0.494133	mg/L	0.001572	0.3	3185.30	0.494133 mg/L	Y 371.029
Ga 417.204	0.511888	mg/L	0.002994	0.6	5187.51	0.511888 mg/L	Y 371.029
K 766.491	5.09166	mg/L	0.019730	0.4	387294	5.09166 mg/L	Y 371.029
K 769.897	4.97542	mg/L	0.026178	0.5	301437	4.97542 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.06423	mg/L	0.002629	0.2	51115.3	1.06423 mg/L	Y 371.029
Li 670.783	0.988643	mg/L	0.001508	0.2	3760488	0.988643 mg/L	Y 371.029
Mg 279.078	4.90446	mg/L	0.009818	0.2	8620.41	4.90446 mg/L	Y 371.029
Mg 280.270	5.88461	mg/L	0.009079	0.2	535030	5.88461 mg/L	Y 371.029
Mg 285.213	5.13968	mg/L	0.033454	0.7	182363	5.13968 mg/L	Y 371.029
Mn 257.610	0.494980	mg/L	0.002055	0.4	76061.5	0.494980 mg/L	Y 371.029
Mn 259.372	0.489304	mg/L	0.002151	0.4	56326.6	0.489304 mg/L	Y 371.029
Mn 260.568	0.495484	mg/L	0.001235	0.2	9948.52	0.495484 mg/L	Y 371.029
Mo 202.032	0.986064	mg/L	0.025429	2.6	3530.50	0.986064 mg/L	Y 371.029
Mo 203.846	1.00015	mg/L	0.040294	4.0	1426.38	1.00015 mg/L	Y 371.029
Mo 204.598	0.971155	mg/L	0.036736	3.8	1665.62	0.971155 mg/L	Y 371.029
Na 568.821	4.66408	mg/L	0.183847	3.9	1409.20	4.66408 mg/L	Y 371.029
Na 588.995	5.21840	mg/L	0.011192	0.2	3446824	5.21840 mg/L	Y 371.029
Na 589.592	4.97179	mg/L	0.043092	0.9	1735969	4.97179 mg/L	Y 371.029
Ni 216.555	0.995302	mg/L	0.002205	0.2	5709.41	0.995302 mg/L	Y 371.029
Ni 221.648	1.00053	mg/L	0.001987	0.2	2273.34	1.00053 mg/L	Y 371.029
Ni 231.604	1.00117	mg/L	0.004002	0.4	3701.50	1.00117 mg/L	Y 371.029
P 177.434	0.490713	mg/L	0.002851	0.6	83.4864	0.490713 mg/L	Y 371.029
P 213.618	0.509046	mg/L	0.006923	1.4	370.745	0.509046 mg/L	Y 371.029
P 214.914	0.497996	mg/L	0.004180	0.8	111.000	0.497996 mg/L	Y 371.029
Pb 220.353	0.998891	mg/L	0.002653	0.3	1305.90	0.998891 mg/L	Y 371.029
Pb 261.417	1.00194	mg/L	0.016008	1.6	555.779	1.00194 mg/L	Y 371.029
Pb 405.781	1.03073	mg/L	0.010191	1.0	1473.56	1.03073 mg/L	Y 371.029
Sb 206.834	0.826420	mg/L	0.006343	0.8	542.225	0.826420 mg/L	Y 371.029
Sb 231.146	0.860498	mg/L	0.004461	0.5	421.443	0.860498 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.030344	3.4	357.880	uncal mg/L	Y 371.029
Se 196.026	0.971229	mg/L	0.053547	5.5	318.983	0.971229 mg/L	Y 371.029
Se 203.985	0.966988	mg/L	0.034489	3.6	183.764	0.966988 mg/L	Y 371.029
Si 250.690	0.996084	mg/L	0.003604	0.4	1373.50	0.996084 mg/L	Y 371.029
Si 251.611	0.988135	mg/L	0.008648	0.9	1595.07	0.988135 mg/L	Y 371.029
Si 288.158	0.964020	mg/L	0.007290	0.8	8448.59	0.964020 mg/L	Y 371.029
Sn 189.927	0.948885	mg/L	0.000773	0.1	293.175	0.948885 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004057	0.3	2087.75	uncal mg/L	Y 371.029
Sr 216.596	0.508176	mg/L	0.000324	0.1	4871.93	0.508176 mg/L	Y 371.029
Sr 407.771	0.487642	mg/L	0.001941	0.4	1203426	0.487642 mg/L	Y 371.029
Sr 421.552	0.479686	mg/L	0.000657	0.1	747016	0.479686 mg/L	Y 371.029
Ti 334.941	0.482272	mg/L	0.003776	0.8	98139.2	0.482272 mg/L	Y 371.029
Ti 336.122	0.486786	mg/L	0.004499	0.9	42301.3	0.486786 mg/L	Y 371.029
Ti 337.280	0.496171	mg/L	0.003925	0.8	14898.4	0.496171 mg/L	Y 371.029
Tl 190.794	0.501156	mg/L	0.003734	0.7	190.109	0.501156 mg/L	Y 371.029
Tl 190.807	0.500239	mg/L	0.006296	1.3	101.729	0.500239 mg/L	Y 371.029
Tl 351.923	0.485931	mg/L	0.008498	1.7	696.743	0.485931 mg/L	Y 371.029
V 268.796	0.515811	mg/L	0.004977	1.0	5367.04	0.515811 mg/L	Y 371.029
V 292.401	0.512655	mg/L	0.001087	0.2	16798.9	0.512655 mg/L	Y 371.029
V 311.837	0.517825	mg/L	0.001057	0.2	23072.2	0.517825 mg/L	Y 371.029
Zn 202.548	0.503114	mg/L	0.001084	0.2	6164.13	0.503114 mg/L	Y 371.029
Zn 206.200	0.501804	mg/L	0.008842	1.8	1920.17	0.501804 mg/L	Y 371.029
Zn 213.857	0.502623	mg/L	0.001860	0.4	10310.1	0.502623 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.20138	9633.63	58.382	0.6
Y 371.029	0.868859	143281	723.020	0.5

SEQ-CCB6 (Samp) **4/7/2011, 9:27:19 AM** **Rack 1, Tube 58**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015037uv	mg/L	0.000929	6.2	759.807	-0.015037 mg/L	Y 371.029
Ag 338.289	-0.009515uv	mg/L	0.002619	27.5	3.53364	-0.009515 mg/L	Y 371.029
Al 237.312	0.004583	mg/L	0.003825	83.5	66.7223	0.004583 mg/L	Y 371.029
Al 257.509	0.008281	mg/L	0.007918	95.6	18.4179	0.008281 mg/L	Y 371.029
Al 308.215	0.000589uv	mg/L	0.001837	311.9	956.139	0.000589 mg/L	Y 371.029
As 188.980	0.011382	mg/L	0.000891	7.8	9.80807	0.011382 mg/L	Y 371.029
As 193.696	0.004556	mg/L	0.001857	40.8	3.07228	0.004556 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002266	64.8	13.8842	uncal mg/L	Y 371.029
B 182.577	0.002035	mg/L	0.001268	62.3	5.76289	0.002035 mg/L	Y 371.029
B 249.678	0.002738	mg/L	0.001466	53.6	45.9869	0.002738 mg/L	Y 371.029
B 249.772	0.004097	mg/L	0.000442	10.8	124.950	0.004097 mg/L	Y 371.029
Ba 233.527	0.000246	mg/L	0.000110	44.8	205.538	0.000246 mg/L	Y 371.029
Ba 455.403	0.000347	mg/L	0.000028	8.1	4393.94	0.000347 mg/L	Y 371.029
Ba 493.408	0.000193	mg/L	0.000017	8.6	2614.49	0.000193 mg/L	Y 371.029
Be 234.861	0.000089	mg/L	0.000001	1.0	-2.09641	0.000089 mg/L	Y 371.029
Be 313.042	0.000216	mg/L	0.000009	4.0	1671.76	0.000216 mg/L	Y 371.029
Be 313.107	0.000013	mg/L	0.000002	18.0	82.8442	0.000013 mg/L	Y 371.029
Ca 393.366	-0.002332nuv	mg/L	0.000075	3.2	17183.4	-0.002332 mg/L	Y 371.029
Ca 396.847	-0.001586uv	mg/L	0.000160	10.1	23836.2	-0.001586 mg/L	Y 371.029
Ca 430.253	-0.037897uv	mg/L	0.004388	11.6	1201.13	-0.037897 mg/L	Y 371.029
Cd 214.439	0.000327	mg/L	0.000088	26.8	5.50688	0.000327 mg/L	Y 371.029
Cd 226.502	0.000152	mg/L	0.000091	60.1	23.9352	0.000152 mg/L	Y 371.029
Cd 228.802	0.000032uv	mg/L	0.000134	416.3	23.8508	0.000032 mg/L	Y 371.029
Co 228.615	-0.000543uv	mg/L	0.000382	70.4	7.05354	-0.000543 mg/L	Y 371.029
Co 230.786	0.000684	mg/L	0.000240	35.2	12.9722	0.000684 mg/L	Y 371.029
Co 238.892	-0.000030uv	mg/L	0.000381	1275.3	6.65517	-0.000030 mg/L	Y 371.029
Cr 205.560	-0.000372uv	mg/L	0.000058	15.5	4.61376	-0.000372 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001007	344.5	2.28889	uncal mg/L	Y 371.029
Cr 267.716	-0.000004uv	mg/L	0.000078	1850.7	22.5986	-0.000004 mg/L	Y 371.029
Cu 213.598	-0.000053uv	mg/L	0.000261	494.5	2.45707	-0.000053 mg/L	Y 371.029
Cu 324.754	0.001663	mg/L	0.000214	12.9	638.509	0.001663 mg/L	Y 371.029
Cu 327.395	0.000196uv	mg/L	0.000352	179.5	32.2020	0.000196 mg/L	Y 371.029
Fe 234.350	-0.000467uv	mg/L	0.000643	137.9	9.94613	-0.000467 mg/L	Y 371.029
Fe 238.204	0.000134	mg/L	0.000151	112.5	27.6238	0.000134 mg/L	Y 371.029
Fe 259.940	0.000040	mg/L	0.000200	501.5	44.2382	0.000040 mg/L	Y 371.029
Ga 287.423	0.001796	mg/L	0.001577	87.9	16.6650	0.001796 mg/L	Y 371.029
Ga 294.363	-0.000105uv	mg/L	0.000820	779.2	21.8167	-0.000105 mg/L	Y 371.029
Ga 417.204	0.001095uv	mg/L	0.001314	120.0	90.2976	0.001095 mg/L	Y 371.029
K 766.491	0.000674	mg/L	0.000731	108.4	2294.39	0.000674 mg/L	Y 371.029
K 769.897	-0.000780uv	mg/L	0.001828	234.4	12848.9	-0.000780 mg/L	Y 371.029
Li 610.365	0.005138	mg/L	0.000212	4.1	22.0793	0.005138 mg/L	Y 371.029
Li 670.783	0.000810	mg/L	0.000005	0.6	74822.9	0.000810 mg/L	Y 371.029
Mg 279.078	0.000984uv	mg/L	0.001832	186.2	16.6885	0.000984 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	-0.001463uv	mg/L	0.000072	4.9	343.491	-0.001463 mg/L	Y 371.029
Mg 285.213	0.000255	mg/L	0.000193	75.6	89.5938	0.000255 mg/L	Y 371.029
Mn 257.610	-0.000038uv	mg/L	0.000013	34.3	2.15601	-0.000038 mg/L	Y 371.029
Mn 259.372	0.000023	mg/L	0.000009	39.3	59.5767	0.000023 mg/L	Y 371.029
Mn 260.568	0.000060uv	mg/L	0.000219	366.3	5.25671	0.000060 mg/L	Y 371.029
Mo 202.032	0.023617	mg/L	0.001767	7.5	106.803	0.023617 mg/L	Y 371.029
Mo 203.846	0.024978	mg/L	0.002982	11.9	41.8908	0.024978 mg/L	Y 371.029
Mo 204.598	0.026444	mg/L	0.002568	9.7	45.0365	0.026444 mg/L	Y 371.029
Na 568.821	0.362932	mg/L	0.014758	4.1	216.840	0.362932 mg/L	Y 371.029
Na 588.995	-0.156466uv	mg/L	0.001688	1.1	211402	-0.156466 mg/L	Y 371.029
Na 589.592	-0.010560uv	mg/L	0.000611	5.8	75545.9	-0.010560 mg/L	Y 371.029
Ni 216.555	0.000440	mg/L	0.000241	54.7	4.65638	0.000440 mg/L	Y 371.029
Ni 221.648	0.000763uv	mg/L	0.000756	99.1	4.38194	0.000763 mg/L	Y 371.029
Ni 231.604	-0.000663uv	mg/L	0.000393	59.3	5.55165	-0.000663 mg/L	Y 371.029
P 177.434	-0.003460uv	mg/L	0.003206	92.7	1.35791	-0.003460 mg/L	Y 371.029
P 213.618	0.000204uv	mg/L	0.000767	376.6	0.989174	0.000204 mg/L	Y 371.029
P 214.914	0.010431	mg/L	0.016111	154.5	4.19265	0.010431 mg/L	Y 371.029
Pb 220.353	0.001436uv	mg/L	0.002464	171.6	5.95943	0.001436 mg/L	Y 371.029
Pb 261.417	0.002873uv	mg/L	0.012601	438.7	22.6230	0.002873 mg/L	Y 371.029
Pb 405.781	0.007971uv	mg/L	0.012440	156.1	47.2026	0.007971 mg/L	Y 371.029
Sb 206.834	0.047734	mg/L	0.003727	7.8	39.5816	0.047734 mg/L	Y 371.029
Sb 231.146	0.049019	mg/L	0.004361	8.9	28.6458	0.049019 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.008028	17.0	25.2383	uncal mg/L	Y 371.029
Se 196.026	0.009961	mg/L	0.006497	65.2	9.18192	0.009961 mg/L	Y 371.029
Se 203.985	0.003481	mg/L	0.001589	45.6	3.82124	0.003481 mg/L	Y 371.029
Si 250.690	-0.009607uv	mg/L	0.002744	28.6	29.2480	-0.009607 mg/L	Y 371.029
Si 251.611	0.003657	mg/L	0.002639	72.2	30.1273	0.003657 mg/L	Y 371.029
Si 288.158	0.009762	mg/L	0.001158	11.9	960.066	0.009762 mg/L	Y 371.029
Sn 189.927	-0.000702uv	mg/L	0.001111	158.4	3.18960	-0.000702 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.005334	64.9	20.4817	uncal mg/L	Y 371.029
Sr 216.596	-0.000251uv	mg/L	0.000179	71.2	18.5156	-0.000251 mg/L	Y 371.029
Sr 407.771	-0.000021uv	mg/L	0.000005	21.7	5430.05	-0.000021 mg/L	Y 371.029
Sr 421.552	-0.000022uv	mg/L	0.000008	38.4	3120.99	-0.000022 mg/L	Y 371.029
Ti 334.941	0.000808	mg/L	0.000337	41.8	269.091	0.000808 mg/L	Y 371.029
Ti 336.122	0.000382	mg/L	0.000211	55.3	76.0833	0.000382 mg/L	Y 371.029
Ti 337.280	0.001006	mg/L	0.000448	44.6	26.8424	0.001006 mg/L	Y 371.029
Tl 190.794	0.005819	mg/L	0.002793	48.0	2.72666	0.005819 mg/L	Y 371.029
Tl 190.807	0.005224	mg/L	0.001334	25.5	2.47747	0.005224 mg/L	Y 371.029
Tl 351.923	0.000262uv	mg/L	0.008446	3219.3	16.5078	0.000262 mg/L	Y 371.029
V 268.796	0.000812	mg/L	0.000224	27.6	66.7051	0.000812 mg/L	Y 371.029
V 292.401	-0.000222uv	mg/L	0.000226	101.5	22.2508	-0.000222 mg/L	Y 371.029
V 311.837	0.001059	mg/L	0.000044	4.1	14.2628	0.001059 mg/L	Y 371.029
Zn 202.548	0.002499	mg/L	0.000807	32.3	779.971	0.002499 mg/L	Y 371.029
Zn 206.200	0.001571	mg/L	0.000379	24.1	243.067	0.001571 mg/L	Y 371.029
Zn 213.857	0.002241	mg/L	0.001121	50.0	1290.06	0.002241 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22890	9854.26	38.556	0.4
Y 371.029	0.887013	146275	482.773	0.3

1115076-BLK1 (Samp) **4/7/2011, 9:47:51 AM** **Rack 1, Tube 59**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.016426uv	mg/L	0.000793	4.8	692.019	-0.016426 mg/L	Y 371.029
Ag 338.289	-0.011526uv	mg/L	0.000571	5.0	-2.54178	-0.011526 mg/L	Y 371.029
Al 237.312	0.003653uv	mg/L	0.006053	165.7	65.4930	0.003653 mg/L	Y 371.029
Al 257.509	0.012385	mg/L	0.007024	56.7	20.9159	0.012385 mg/L	Y 371.029
Al 308.215	-0.004113uv	mg/L	0.001276	31.0	926.936	-0.004113 mg/L	Y 371.029
As 188.980	0.003103	mg/L	0.002161	69.6	6.60419	0.003103 mg/L	Y 371.029
As 193.696	0.001071uv	mg/L	0.001727	161.3	1.51821	0.001071 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005719	43.1	7.58498	uncal mg/L	Y 371.029
B 182.577	-0.001844uv	mg/L	0.001589	86.2	3.78827	-0.001844 mg/L	Y 371.029
B 249.678	-0.000226uv	mg/L	0.000634	280.9	19.3368	-0.000226 mg/L	Y 371.029
B 249.772	0.000081uv	mg/L	0.000323	401.5	49.7175	0.000081 mg/L	Y 371.029
Ba 233.527	0.000047	mg/L	0.000022	47.6	197.482	0.000047 mg/L	Y 371.029
Ba 455.403	0.000146	mg/L	0.000012	8.0	4216.10	0.000146 mg/L	Y 371.029
Ba 493.408	0.000039	mg/L	0.000028	72.6	2532.46	0.000039 mg/L	Y 371.029
Be 234.861	0.000104	mg/L	0.000031	29.3	-0.370085	0.000104 mg/L	Y 371.029
Be 313.042	0.000197	mg/L	0.000015	7.6	1641.79	0.000197 mg/L	Y 371.029
Be 313.107	0.000006	mg/L	0.000005	79.3	76.7022	0.000006 mg/L	Y 371.029
Ca 393.366	0.007261n	mg/L	0.000075	1.0	29481.8	0.007261 mg/L	Y 371.029
Ca 396.847	0.006978	mg/L	0.000148	2.1	40748.3	0.006978 mg/L	Y 371.029
Ca 430.253	-0.021170uv	mg/L	0.002608	12.3	1275.99	-0.021170 mg/L	Y 371.029
Cd 214.439	0.000213	mg/L	0.000052	24.6	3.01949	0.000213 mg/L	Y 371.029
Cd 226.502	0.000005uv	mg/L	0.000060	1225.2	18.1357	0.000005 mg/L	Y 371.029
Cd 228.802	-0.000311uv	mg/L	0.000352	113.1	18.6196	-0.000311 mg/L	Y 371.029
Co 228.615	-0.000066uv	mg/L	0.000730	1109.8	11.6892	-0.000066 mg/L	Y 371.029
Co 230.786	-0.000728uv	mg/L	0.000319	43.9	3.73083	-0.000728 mg/L	Y 371.029
Co 238.892	0.000218uv	mg/L	0.000383	175.9	8.10931	0.000218 mg/L	Y 371.029
Cr 205.560	-0.000161uv	mg/L	0.000264	163.4	5.50708	-0.000161 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000380	44.5	3.27661	uncal mg/L	Y 371.029
Cr 267.716	-0.000022uv	mg/L	0.000287	1276.7	22.2063	-0.000022 mg/L	Y 371.029
Cu 213.598	-0.000107uv	mg/L	0.000423	396.3	1.98807	-0.000107 mg/L	Y 371.029
Cu 324.754	0.000837	mg/L	0.000175	21.0	610.798	0.000837 mg/L	Y 371.029
Cu 327.395	0.000013uv	mg/L	0.000294	2186.6	24.4757	0.000013 mg/L	Y 371.029
Fe 234.350	0.000987	mg/L	0.000592	60.0	22.9586	0.000987 mg/L	Y 371.029
Fe 238.204	0.001595	mg/L	0.000217	13.6	55.6503	0.001595 mg/L	Y 371.029
Fe 259.940	0.001934	mg/L	0.000370	19.1	73.3369	0.001934 mg/L	Y 371.029
Ga 287.423	0.000695uv	mg/L	0.001886	271.2	14.1461	0.000695 mg/L	Y 371.029
Ga 294.363	-0.000412uv	mg/L	0.000716	173.6	19.8438	-0.000412 mg/L	Y 371.029
Ga 417.204	0.002137	mg/L	0.000668	31.3	99.7670	0.002137 mg/L	Y 371.029
K 766.491	0.002621	mg/L	0.000178	6.8	2441.42	0.002621 mg/L	Y 371.029
K 769.897	0.007031	mg/L	0.001451	20.6	13300.1	0.007031 mg/L	Y 371.029
Li 610.365	0.005089	mg/L	0.000225	4.4	19.6840	0.005089 mg/L	Y 371.029
Li 670.783	0.000839	mg/L	0.000052	6.2	74932.1	0.000839 mg/L	Y 371.029
Mg 279.078	0.000328uv	mg/L	0.001989	606.2	15.5579	0.000328 mg/L	Y 371.029
Mg 280.270	-0.000986uv	mg/L	0.000081	8.2	386.954	-0.000986 mg/L	Y 371.029
Mg 285.213	0.000615	mg/L	0.000163	26.5	102.412	0.000615 mg/L	Y 371.029
Mn 257.610	0.000203	mg/L	0.000027	13.3	38.3109	0.000203 mg/L	Y 371.029
Mn 259.372	0.000322	mg/L	0.000008	2.5	80.8899	0.000322 mg/L	Y 371.029
Mn 260.568	0.000373	mg/L	0.000111	29.8	11.5258	0.000373 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.001413	mg/L	0.000313	22.2	28.2542	0.001413 mg/L	Y 371.029
Mo 203.846	0.001816	mg/L	0.000498	27.4	9.19018	0.001816 mg/L	Y 371.029
Mo 204.598	0.004956	mg/L	0.000855	17.3	8.39104	0.004956 mg/L	Y 371.029
Na 568.821	0.397211	mg/L	0.052328	13.2	226.113	0.397211 mg/L	Y 371.029
Na 588.995	-0.146788uv	mg/L	0.001371	0.9	217213	-0.146788 mg/L	Y 371.029
Na 589.592	-0.006578uv	mg/L	0.000664	10.1	76867.2	-0.006578 mg/L	Y 371.029
Ni 216.555	-0.000002uv	mg/L	0.000251	12276.9	2.14054	-0.000002 mg/L	Y 371.029
Ni 221.648	0.000124uv	mg/L	0.000456	369.2	2.93377	0.000124 mg/L	Y 371.029
Ni 231.604	-0.000877uv	mg/L	0.000254	29.0	4.76571	-0.000877 mg/L	Y 371.029
P 177.434	-0.001792uv	mg/L	0.005992	334.3	1.63445	-0.001792 mg/L	Y 371.029
P 213.618	0.002865	mg/L	0.001583	55.3	2.83389	0.002865 mg/L	Y 371.029
P 214.914	0.008217	mg/L	0.001114	13.6	3.70038	0.008217 mg/L	Y 371.029
Pb 220.353	0.001137uv	mg/L	0.001094	96.2	5.56983	0.001137 mg/L	Y 371.029
Pb 261.417	0.005897	mg/L	0.002943	49.9	24.2397	0.005897 mg/L	Y 371.029
Pb 405.781	0.007652	mg/L	0.002361	30.9	46.7141	0.007652 mg/L	Y 371.029
Sb 206.834	0.002282uv	mg/L	0.005084	222.8	10.4592	0.002282 mg/L	Y 371.029
Sb 231.146	0.005219uv	mg/L	0.005738	109.9	7.63208	0.005219 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.010423	336.7	8.01668	uncal mg/L	Y 371.029
Se 196.026	0.003197	mg/L	0.001701	53.2	7.00459	0.003197 mg/L	Y 371.029
Se 203.985	0.005706uv	mg/L	0.010444	183.0	4.23421	0.005706 mg/L	Y 371.029
Si 250.690	-0.015128uv	mg/L	0.002789	18.4	21.9367	-0.015128 mg/L	Y 371.029
Si 251.611	-0.006141uv	mg/L	0.000935	15.2	14.5234	-0.006141 mg/L	Y 371.029
Si 288.158	-0.003005uv	mg/L	0.000137	4.6	860.259	-0.003005 mg/L	Y 371.029
Sn 189.927	-0.005489uv	mg/L	0.004178	76.1	1.72794	-0.005489 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.005323	30.4	9.30484	uncal mg/L	Y 371.029
Sr 216.596	0.000332	mg/L	0.000186	56.0	24.0939	0.000332 mg/L	Y 371.029
Sr 407.771	-0.000008uv	mg/L	0.000011	135.4	5461.47	-0.000008 mg/L	Y 371.029
Sr 421.552	-0.000024uv	mg/L	0.000005	20.3	3118.46	-0.000024 mg/L	Y 371.029
Ti 334.941	0.000072	mg/L	0.000056	77.2	120.007	0.000072 mg/L	Y 371.029
Ti 336.122	0.000048uv	mg/L	0.000277	582.3	47.1815	0.000048 mg/L	Y 371.029
Ti 337.280	0.000269	mg/L	0.000043	15.9	4.73307	0.000269 mg/L	Y 371.029
Tl 190.794	0.005611	mg/L	0.004675	83.3	2.64977	0.005611 mg/L	Y 371.029
Tl 190.807	0.005627	mg/L	0.003694	65.7	2.51318	0.005627 mg/L	Y 371.029
Tl 351.923	0.001606uv	mg/L	0.001651	102.8	18.3903	0.001606 mg/L	Y 371.029
V 268.796	-0.000653uv	mg/L	0.000094	14.3	30.9354	-0.000653 mg/L	Y 371.029
V 292.401	-0.000270uv	mg/L	0.000315	116.6	20.7591	-0.000270 mg/L	Y 371.029
V 311.837	0.001088	mg/L	0.000131	12.0	15.5692	0.001088 mg/L	Y 371.029
Zn 202.548	0.004768	mg/L	0.000315	6.6	803.946	0.004768 mg/L	Y 371.029
Zn 206.200	0.004561	mg/L	0.000157	3.4	253.016	0.004561 mg/L	Y 371.029
Zn 213.857	0.004895	mg/L	0.000566	11.6	1336.88	0.004895 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23474	9901.09	53.869	0.5
Y 371.029	0.884712	145895	661.237	0.5

1115076-BS1 (Samp) **4/7/2011, 9:50:51 AM** **Rack 1, Tube 60**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.339506	mg/L	0.001243	0.4	18033.3	0.339506 mg/L	Y 371.029
Ag 338.289	0.346610	mg/L	0.002015	0.6	1065.70	0.346610 mg/L	Y 371.029
Al 237.312	5.24103	mg/L	0.005674	0.1	6925.30	5.24103 mg/L	Y 371.029
Al 257.509	5.30850	mg/L	0.006243	0.1	3212.80	5.30850 mg/L	Y 371.029
Al 308.215	5.23280	mg/L	0.007559	0.1	32339.4	5.23280 mg/L	Y 371.029
As 188.980	1.03447	mg/L	0.008336	0.8	404.377	1.03447 mg/L	Y 371.029
As 193.696	1.01681	mg/L	0.003705	0.4	454.617	1.01681 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.029736	3.2	1826.73	uncal mg/L	Y 371.029
B 182.577	1.07271	mg/L	0.014515	1.4	552.244	1.07271 mg/L	Y 371.029
B 249.678	0.980014	mg/L	0.017079	1.7	8877.16	0.980014 mg/L	Y 371.029
B 249.772	1.01293	mg/L	0.020429	2.0	19135.0	1.01293 mg/L	Y 371.029
Ba 233.527	1.01763	mg/L	0.002918	0.3	41523.6	1.01763 mg/L	Y 371.029
Ba 455.403	1.03620	mg/L	0.002166	0.2	924385	1.03620 mg/L	Y 371.029
Ba 493.408	1.01191	mg/L	0.003978	0.4	542042	1.01191 mg/L	Y 371.029
Be 234.861	1.02978	mg/L	0.001521	0.1	119848	1.02978 mg/L	Y 371.029
Be 313.042	1.03164	mg/L	0.000838	0.1	1729365	1.03164 mg/L	Y 371.029
Be 313.107	1.02240	mg/L	0.000532	0.1	827427	1.02240 mg/L	Y 371.029
Ca 393.366	9.43624n	mg/L	0.018280	0.2	12122535	9.43624 mg/L	Y 371.029
Ca 396.847	8.97036	mg/L	0.008133	0.1	17756066	8.97036 mg/L	Y 371.029
Ca 430.253	10.3440	mg/L	0.007203	0.1	47698.3	10.3440 mg/L	Y 371.029
Cd 214.439	1.06005	mg/L	0.007427	0.7	23225.0	1.06005 mg/L	Y 371.029
Cd 226.502	1.01982	mg/L	0.001482	0.1	40454.5	1.01982 mg/L	Y 371.029
Cd 228.802	1.03490	mg/L	0.006011	0.6	15766.3	1.03490 mg/L	Y 371.029
Co 228.615	1.04193	mg/L	0.006421	0.6	10074.0	1.04193 mg/L	Y 371.029
Co 230.786	1.03556	mg/L	0.002950	0.3	6754.59	1.03556 mg/L	Y 371.029
Co 238.892	1.00645	mg/L	0.002661	0.3	6010.85	1.00645 mg/L	Y 371.029
Cr 205.560	1.03817	mg/L	0.004540	0.4	4456.77	1.03817 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.002370	0.2	1859.01	uncal mg/L	Y 371.029
Cr 267.716	1.01699	mg/L	0.001638	0.2	22589.2	1.01699 mg/L	Y 371.029
Cu 213.598	1.04711	mg/L	0.003464	0.3	4561.57	1.04711 mg/L	Y 371.029
Cu 324.754	1.05853	mg/L	0.006090	0.6	35819.5	1.05853 mg/L	Y 371.029
Cu 327.395	1.05705	mg/L	0.004712	0.4	45284.8	1.05705 mg/L	Y 371.029
Fe 234.350	5.15911	mg/L	0.012127	0.2	47011.1	5.15911 mg/L	Y 371.029
Fe 238.204	5.18724	mg/L	0.010661	0.2	100540	5.18724 mg/L	Y 371.029
Fe 259.940	5.26854	mg/L	0.050612	1.0	81599.3	5.26854 mg/L	Y 371.029
Ga 287.423	1.04459	mg/L	0.002808	0.3	2587.77	1.04459 mg/L	Y 371.029
Ga 294.363	1.03404	mg/L	0.001458	0.1	6643.14	1.03404 mg/L	Y 371.029
Ga 417.204	1.04158	mg/L	0.001520	0.1	10494.2	1.04158 mg/L	Y 371.029
K 766.491	10.6352	mg/L	0.042667	0.4	806477	10.6352 mg/L	Y 371.029
K 769.897	10.7096	mg/L	0.038209	0.4	633818	10.7096 mg/L	Y 371.029
Li 610.365	1.10132	mg/L	0.002206	0.2	52904.9	1.10132 mg/L	Y 371.029
Li 670.783	1.02250	mg/L	0.011083	1.1	3889081	1.02250 mg/L	Y 371.029
Mg 279.078	10.3064	mg/L	0.015328	0.1	18102.8	10.3064 mg/L	Y 371.029
Mg 280.270	11.6918	mg/L	0.091991	0.8	1062566	11.6918 mg/L	Y 371.029
Mg 285.213	10.9820	mg/L	0.048770	0.4	389563	10.9820 mg/L	Y 371.029
Mn 257.610	1.03506	mg/L	0.018847	1.8	159063	1.03506 mg/L	Y 371.029
Mn 259.372	1.02560	mg/L	0.018430	1.8	118127	1.02560 mg/L	Y 371.029
Mn 260.568	1.04109	mg/L	0.010164	1.0	20905.1	1.04109 mg/L	Y 371.029
Mo 202.032	0.906367	mg/L	0.044641	4.9	3260.34	0.906367 mg/L	Y 371.029
Mo 203.846	0.922931	mg/L	0.046881	5.1	1322.66	0.922931 mg/L	Y 371.029
Mo 204.598	0.900901	mg/L	0.046829	5.2	1552.35	0.900901 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	10.3394	mg/L	0.059977	0.6	2970.14	10.3394 mg/L	Y 371.029
Na 588.995	10.6181	mg/L	0.040071	0.4	6696515	10.6181 mg/L	Y 371.029
Na 589.592	10.5501	mg/L	0.248177	2.4	3594599	10.5501 mg/L	Y 371.029
Ni 216.555	1.03622	mg/L	0.001663	0.2	5971.22	1.03622 mg/L	Y 371.029
Ni 221.648	1.04315	mg/L	0.000683	0.1	2380.01	1.04315 mg/L	Y 371.029
Ni 231.604	1.04498	mg/L	0.002428	0.2	3880.10	1.04498 mg/L	Y 371.029
P 177.434	1.04621	mg/L	0.017609	1.7	175.867	1.04621 mg/L	Y 371.029
P 213.618	1.06388	mg/L	0.009312	0.9	773.439	1.06388 mg/L	Y 371.029
P 214.914	1.07558	mg/L	0.025248	2.3	235.441	1.07558 mg/L	Y 371.029
Pb 220.353	1.04637	mg/L	0.007936	0.8	1368.04	1.04637 mg/L	Y 371.029
Pb 261.417	0.860901	mg/L	0.011688	1.4	479.135	0.860901 mg/L	Y 371.029
Pb 405.781	1.05042	mg/L	0.005747	0.5	1508.04	1.05042 mg/L	Y 371.029
Sb 206.834	1.12512	mg/L	0.005203	0.5	737.602	1.12512 mg/L	Y 371.029
Sb 231.146	1.19508	mg/L	0.022520	1.9	585.314	1.19508 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.028749	2.9	401.953	uncal mg/L	Y 371.029
Se 196.026	0.957316	mg/L	0.060772	6.3	314.857	0.957316 mg/L	Y 371.029
Se 203.985	1.03531	mg/L	0.071792	6.9	206.947	1.03531 mg/L	Y 371.029
Si 250.690	1.04689	mg/L	0.003810	0.4	1452.84	1.04689 mg/L	Y 371.029
Si 251.611	1.02112	mg/L	0.003867	0.4	1662.76	1.02112 mg/L	Y 371.029
Si 288.158	0.993937	mg/L	0.002937	0.3	8709.57	0.993937 mg/L	Y 371.029
Sn 189.927	0.965214	mg/L	0.010083	1.0	298.342	0.965214 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.001777	0.1	2794.64	uncal mg/L	Y 371.029
Sr 216.596	1.10605	mg/L	0.006194	0.6	10589.4	1.10605 mg/L	Y 371.029
Sr 407.771	1.05860	mg/L	0.008415	0.8	2606009	1.05860 mg/L	Y 371.029
Sr 421.552	1.04203	mg/L	0.013007	1.2	1619052	1.04203 mg/L	Y 371.029
Ti 334.941	0.986460	mg/L	0.004693	0.5	200683	0.986460 mg/L	Y 371.029
Ti 336.122	0.981248	mg/L	0.003249	0.3	85239.5	0.981248 mg/L	Y 371.029
Ti 337.280	1.02052	mg/L	0.008211	0.8	30649.4	1.02052 mg/L	Y 371.029
Tl 190.794	1.03899	mg/L	0.002530	0.2	393.728	1.03899 mg/L	Y 371.029
Tl 190.807	1.05031	mg/L	0.013972	1.3	209.839	1.05031 mg/L	Y 371.029
Tl 351.923	0.993919	mg/L	0.007707	0.8	1407.67	0.993919 mg/L	Y 371.029
V 268.796	1.00128	mg/L	0.008371	0.8	9352.74	1.00128 mg/L	Y 371.029
V 292.401	1.06264	mg/L	0.002249	0.2	34816.0	1.06264 mg/L	Y 371.029
V 311.837	1.06557	mg/L	0.002460	0.2	47538.8	1.06557 mg/L	Y 371.029
Zn 202.548	1.06030	mg/L	0.017005	1.6	12151.1	1.06030 mg/L	Y 371.029
Zn 206.200	1.07059	mg/L	0.006883	0.6	3825.41	1.07059 mg/L	Y 371.029
Zn 213.857	1.07067	mg/L	0.011180	1.0	20426.0	1.07067 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.25006	10023.9	57.291	0.6
Y 371.029	0.893975	147423	895.571	0.6

11C1255-01 (Samp) **4/7/2011, 9:55:05 AM** **Rack 3, Tube 1**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.023777uvb	mg/L	0.000177	0.7	676.174	-0.023777 mg/L	Y 371.029
Ag 338.289	-0.011944uvb	mg/L	0.000989	8.3	-4.26231	-0.011944 mg/L	Y 371.029
Al 237.312	0.338786b	mg/L	0.003476	1.0	542.470	0.338786 mg/L	Y 371.029
Al 257.509	0.350283b	mg/L	0.003959	1.1	243.564	0.350283 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.409351b	mg/L	0.001759	0.4	3107.23	0.409351 mg/L	Y 371.029
As 188.980	0.026522b	mg/L	0.002663	10.0	10.4742	0.026522 mg/L	Y 371.029
As 193.696	0.021039b	mg/L	0.005233	24.9	6.32193	0.021039 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007600	52.8	16.9114	uncal mg/L	Y 371.029
B 182.577	0.626056b	mg/L	0.006339	1.0	326.364	0.626056 mg/L	Y 371.029
B 249.678	0.518715b	mg/L	0.003091	0.6	4766.45	0.518715 mg/L	Y 371.029
B 249.772	0.538665b	mg/L	0.006118	1.1	10340.1	0.538665 mg/L	Y 371.029
Ba 233.527	0.042244b	mg/L	0.000067	0.2	2032.72	0.042244 mg/L	Y 371.029
Ba 455.403	0.043811b	mg/L	0.000229	0.5	44968.9	0.043811 mg/L	Y 371.029
Ba 493.408	0.043546b	mg/L	0.000081	0.2	27064.0	0.043546 mg/L	Y 371.029
Be 234.861	0.000462b	mg/L	0.000062	13.5	4.35866	0.000462 mg/L	Y 371.029
Be 313.042	0.000264b	mg/L	0.000006	2.3	1712.66	0.000264 mg/L	Y 371.029
Be 313.107	0.000002b	mg/L	0.000009	579.8	105.759	0.000002 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.475349	1.4	42271396	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.298578	1.5	40139916	- mg/L	Y 371.029
Ca 430.253	94.3047b	mg/L	0.315919	0.3	422969	94.3047 mg/L	Y 371.029
Cd 214.439	0.001319b	mg/L	0.000303	22.9	27.8640	0.001319 mg/L	Y 371.029
Cd 226.502	0.000612b	mg/L	0.000155	25.2	75.2141	0.000612 mg/L	Y 371.029
Cd 228.802	0.000805b	mg/L	0.000416	51.7	32.8115	0.000805 mg/L	Y 371.029
Co 228.615	-0.000375b	mg/L	0.000336	89.6	23.3154	-0.000375 mg/L	Y 371.029
Co 230.786	-0.001477b	mg/L	0.000883	59.8	19.0732	-0.001477 mg/L	Y 371.029
Co 238.892	0.005506uvb	mg/L	0.000661	12.0	3.96529	0.005506 mg/L	Y 371.029
Cr 205.560	0.000745b	mg/L	0.000060	8.1	21.6639	0.000745 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000857	27.8	10.9765	uncal mg/L	Y 371.029
Cr 267.716	0.001946b	mg/L	0.000050	2.6	121.876	0.001946 mg/L	Y 371.029
Cu 213.598	0.000490b	mg/L	0.000658	134.1	42.9018	0.000490 mg/L	Y 371.029
Cu 324.754	0.013582b	mg/L	0.000267	2.0	829.608	0.013582 mg/L	Y 371.029
Cu 327.395	0.003150b	mg/L	0.000586	18.6	329.945	0.003150 mg/L	Y 371.029
Fe 234.350	7.02726b	mg/L	0.141743	2.0	63895.2	7.02726 mg/L	Y 371.029
Fe 238.204	7.06676b	mg/L	0.142827	2.0	137129	7.06676 mg/L	Y 371.029
Fe 259.940	7.04448b	mg/L	0.116023	1.6	109011	7.04448 mg/L	Y 371.029
Ga 287.423	-0.039411b	mg/L	0.002498	6.3	63.9577	-0.039411 mg/L	Y 371.029
Ga 294.363	-0.000250b	mg/L	0.000797	318.3	27.6094	-0.000250 mg/L	Y 371.029
Ga 417.204	0.001736uvb	mg/L	0.003070	176.8	100.697	0.001736 mg/L	Y 371.029
K 766.491	76.3667b	mg/L	1.21216	1.6	5775973	76.3667 mg/L	Y 371.029
K 769.897	89.3093b	mg/L	1.52983	1.7	5189106	89.3093 mg/L	Y 371.029
Li 610.365	0.014467b	mg/L	0.000179	1.2	472.111	0.014467 mg/L	Y 371.029
Li 670.783	0.032663b	mg/L	0.000099	0.3	208469	0.032663 mg/L	Y 371.029
Mg 279.078	47.0180b	mg/L	0.154523	0.3	82531.6	47.0180 mg/L	Y 371.029
Mg 280.270	48.1899b	mg/L	0.222059	0.5	4377662	48.1899 mg/L	Y 371.029
Mg 285.213	48.2598b	mg/L	0.200714	0.4	1711395	48.2598 mg/L	Y 371.029
Mn 257.610	0.436017b	mg/L	0.006424	1.5	66308.7	0.436017 mg/L	Y 371.029
Mn 259.372	0.420744b	mg/L	0.005819	1.4	49871.1	0.420744 mg/L	Y 371.029
Mn 260.568	0.433479b	mg/L	0.002218	0.5	8997.01	0.433479 mg/L	Y 371.029
Mo 202.032	0.075878b	mg/L	0.007731	10.2	685.983	0.075878 mg/L	Y 371.029
Mo 203.846	0.079553b	mg/L	0.008130	10.2	281.819	0.079553 mg/L	Y 371.029
Mo 204.598	0.071852b	mg/L	0.007699	10.7	323.124	0.071852 mg/L	Y 371.029
Na 568.821	182.260b	mg/L	0.485276	0.3	49925.2	182.260 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.347967	0.5	41075664	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.858456	0.9	32559962	- mg/L	Y 371.029
Ni 216.555	0.025617b	mg/L	0.000753	2.9	188.944	0.025617 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.025208b	mg/L	0.001553	6.2	77.0446	0.025208 mg/L	Y 371.029
Ni 231.604	0.028466b	mg/L	0.000647	2.3	147.093	0.028466 mg/L	Y 371.029
P 177.434	0.179050b	mg/L	0.007147	4.0	30.7288	0.179050 mg/L	Y 371.029
P 213.618	0.167478b	mg/L	0.008962	5.4	132.447	0.167478 mg/L	Y 371.029
P 214.914	0.200840b	mg/L	0.017111	8.5	45.5143	0.200840 mg/L	Y 371.029
Pb 220.353	0.005641b	mg/L	0.001466	26.0	15.3140	0.005641 mg/L	Y 371.029
Pb 261.417	-0.049839uvb	mg/L	0.003241	6.5	11.7007	-0.049839 mg/L	Y 371.029
Pb 405.781	-0.019598b	mg/L	0.009329	47.6	90.8449	-0.019598 mg/L	Y 371.029
Sb 206.834	-0.029957uvb	mg/L	0.000969	3.2	7.23309	-0.029957 mg/L	Y 371.029
Sb 231.146	-0.024136uvb	mg/L	0.006698	27.7	4.67471	-0.024136 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.019157	76.0	17.6834	uncal mg/L	Y 371.029
Se 196.026	0.011428b	mg/L	0.010080	88.2	11.2843	0.011428 mg/L	Y 371.029
Se 203.985	0.013674uvb	mg/L	0.005977	43.7	0.838033	0.013674 mg/L	Y 371.029
Si 250.690	9.22400b	mg/L	0.022286	0.2	12305.1	9.22400 mg/L	Y 371.029
Si 251.611	8.97487b	mg/L	0.033003	0.4	14229.2	8.97487 mg/L	Y 371.029
Si 288.158	8.73030b	mg/L	0.155256	1.8	70071.8	8.73030 mg/L	Y 371.029
Sn 189.927	0.006467b	mg/L	0.003068	47.4	5.86701	0.006467 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004840	16.6	26.0448	uncal mg/L	Y 371.029
Sr 216.596	0.337279b	mg/L	0.001901	0.6	3279.88	0.337279 mg/L	Y 371.029
Sr 407.771	0.323018b	mg/L	0.001365	0.4	805671	0.323018 mg/L	Y 371.029
Sr 421.552	0.318083b	mg/L	0.002035	0.6	500695	0.318083 mg/L	Y 371.029
Ti 334.941	0.010171b	mg/L	0.000479	4.7	2327.45	0.010171 mg/L	Y 371.029
Ti 336.122	0.009128b	mg/L	0.000326	3.6	876.075	0.009128 mg/L	Y 371.029
Ti 337.280	0.009450b	mg/L	0.000518	5.5	336.067	0.009450 mg/L	Y 371.029
Tl 190.794	0.009964b	mg/L	0.001392	14.0	2.39986	0.009964 mg/L	Y 371.029
Tl 190.807	0.006557b	mg/L	0.003488	53.2	2.36073	0.006557 mg/L	Y 371.029
Tl 351.923	0.006587uvb	mg/L	0.008896	135.0	21.3445	0.006587 mg/L	Y 371.029
V 268.796	0.002219b	mg/L	0.001460	65.8	390.968	0.002219 mg/L	Y 371.029
V 292.401	0.008633b	mg/L	0.000180	2.1	371.315	0.008633 mg/L	Y 371.029
V 311.837	0.009415b	mg/L	0.000158	1.7	442.922	0.009415 mg/L	Y 371.029
Zn 202.548	0.113830b	mg/L	0.002880	2.5	2299.66	0.113830 mg/L	Y 371.029
Zn 206.200	0.119791b	mg/L	0.001633	1.4	751.443	0.119791 mg/L	Y 371.029
Zn 213.857	0.121923b	mg/L	0.000724	0.6	4020.04	0.121923 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.25393	10055.0	54.213	0.5
Y 371.029	0.895699	147707	584.762	0.4

11C1255-02 (Samp) **4/7/2011, 9:59:12 AM** **Rack 3, Tube 2**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.034219uvb	mg/L	0.000481	1.4	794.637	-0.034219 mg/L	Y 371.029
Ag 338.289	-0.010685uvb	mg/L	0.002986	27.9	2.44542	-0.010685 mg/L	Y 371.029
Al 237.312	-0.043960b	mg/L	0.004981	11.3	83.2599	-0.043960 mg/L	Y 371.029
Al 257.509	-0.128087b	mg/L	0.010816	8.4	28.0297	-0.128087 mg/L	Y 371.029
Al 308.215	0.168912b	mg/L	0.001066	0.6	1105.59	0.168912 mg/L	Y 371.029
As 188.980	0.059506b	mg/L	0.002120	3.6	8.65519	0.059506 mg/L	Y 371.029
As 193.696	0.035448uvb	mg/L	0.003767	10.6	2.17078	0.035448 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006066	16.1	11.1802	uncal mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.099263b	mg/L	0.001292	1.3	56.7520	0.099263 mg/L	Y 371.029
B 249.678	0.067204b	mg/L	0.001517	2.3	758.607	0.067204 mg/L	Y 371.029
B 249.772	0.078416b	mg/L	0.000749	1.0	1788.77	0.078416 mg/L	Y 371.029
Ba 233.527	0.117286b	mg/L	0.000613	0.5	5098.38	0.117286 mg/L	Y 371.029
Ba 455.403	0.120773b	mg/L	0.000708	0.6	112413	0.120773 mg/L	Y 371.029
Ba 493.408	0.116622b	mg/L	0.000416	0.4	65915.7	0.116622 mg/L	Y 371.029
Be 234.861	0.003370b	mg/L	0.000187	5.6	338.929	0.003370 mg/L	Y 371.029
Be 313.042	0.004423b	mg/L	0.000034	0.8	8569.73	0.004423 mg/L	Y 371.029
Be 313.107	0.004002b	mg/L	0.000049	1.2	3382.78	0.004002 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.421343	1.4	39362028	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.160417	0.8	41098864	- mg/L	Y 371.029
Ca 430.253	45.5707b	mg/L	0.188516	0.4	207449	45.5707 mg/L	Y 371.029
Cd 214.439	0.000442b	mg/L	0.000030	6.8	8.38212	0.000442 mg/L	Y 371.029
Cd 226.502	-0.000540b	mg/L	0.000137	25.3	51.5277	-0.000540 mg/L	Y 371.029
Cd 228.802	0.000193uvb	mg/L	0.000675	350.1	20.1977	0.000193 mg/L	Y 371.029
Co 228.615	0.001905b	mg/L	0.000908	47.6	18.7297	0.001905 mg/L	Y 371.029
Co 230.786	0.000636b	mg/L	0.000944	148.4	17.5956	0.000636 mg/L	Y 371.029
Co 238.892	0.003358uvb	mg/L	0.000907	27.0	5.41769	0.003358 mg/L	Y 371.029
Cr 205.560	-0.004921uvb	mg/L	0.000330	6.7	3.46548	-0.004921 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000623	10.5	2.64115	uncal mg/L	Y 371.029
Cr 267.716	-0.003902b	mg/L	0.000261	6.7	42.1726	-0.003902 mg/L	Y 371.029
Cu 213.598	-0.018208b	mg/L	0.000750	4.1	11.9240	-0.018208 mg/L	Y 371.029
Cu 324.754	0.020694b	mg/L	0.000271	1.3	620.435	0.020694 mg/L	Y 371.029
Cu 327.395	-0.006765b	mg/L	0.000404	6.0	62.4657	-0.006765 mg/L	Y 371.029
Fe 234.350	9.64829b	mg/L	0.142903	1.5	88094.1	9.64829 mg/L	Y 371.029
Fe 238.204	9.81523b	mg/L	0.131264	1.3	191449	9.81523 mg/L	Y 371.029
Fe 259.940	9.70984b	mg/L	0.083258	0.9	150918	9.70984 mg/L	Y 371.029
Ga 287.423	-0.060724b	mg/L	0.002700	4.4	86.9053	-0.060724 mg/L	Y 371.029
Ga 294.363	-0.007883b	mg/L	0.001063	13.5	36.6157	-0.007883 mg/L	Y 371.029
Ga 417.204	-0.003117b	mg/L	0.000780	25.0	123.028	-0.003117 mg/L	Y 371.029
K 766.491	15.4430b	mg/L	0.054116	0.4	1174010	15.4430 mg/L	Y 371.029
K 769.897	15.7815b	mg/L	0.065146	0.4	936785	15.7815 mg/L	Y 371.029
Li 610.365	0.007363b	mg/L	0.000666	9.0	129.397	0.007363 mg/L	Y 371.029
Li 670.783	0.007408b	mg/L	0.000124	1.7	136935	0.007408 mg/L	Y 371.029
Mg 279.078	79.1415b	mg/L	0.300780	0.4	138885	79.1415 mg/L	Y 371.029
Mg 280.270	71.7074b	mg/L	0.826922	1.2	6514068	71.7074 mg/L	Y 371.029
Mg 285.213	78.2615b	mg/L	1.14159	1.5	2775730	78.2615 mg/L	Y 371.029
Mn 257.610	5.78887b	mg/L	0.132498	2.3	877770	5.78887 mg/L	Y 371.029
Mn 259.372	5.69202b	mg/L	0.119476	2.1	647839	5.69202 mg/L	Y 371.029
Mn 260.568	5.84768b	mg/L	0.060913	1.0	117225	5.84768 mg/L	Y 371.029
Mo 202.032	-0.428831b	mg/L	0.001922	0.4	71.9858	-0.428831 mg/L	Y 371.029
Mo 203.846	-0.443608b	mg/L	0.004433	1.0	29.6155	-0.443608 mg/L	Y 371.029
Mo 204.598	-0.453159b	mg/L	0.002616	0.6	27.9584	-0.453159 mg/L	Y 371.029
Na 568.821	-xb	mg/L	3.25826	0.4	210099	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.03472	2.0	32100214	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.63854	1.7	31880110	- mg/L	Y 371.029
Ni 216.555	-0.007832b	mg/L	0.000726	9.3	14.9274	-0.007832 mg/L	Y 371.029
Ni 221.648	-0.009857b	mg/L	0.000828	8.4	8.10791	-0.009857 mg/L	Y 371.029
Ni 231.604	-0.004710b	mg/L	0.000217	4.6	28.2179	-0.004710 mg/L	Y 371.029
P 177.434	0.045737b	mg/L	0.002188	4.8	5.36855	0.045737 mg/L	Y 371.029
P 213.618	-0.052289b	mg/L	0.002721	5.2	9.93848	-0.052289 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.022879b	mg/L	0.004512	19.7	8.03774	0.022879 mg/L	Y 371.029
Pb 220.353	-0.003168uvb	mg/L	0.006286	198.4	7.60292	-0.003168 mg/L	Y 371.029
Pb 261.417	-0.189972uvb	mg/L	0.013767	7.2	13.8703	-0.189972 mg/L	Y 371.029
Pb 405.781	-0.073177b	mg/L	0.003274	4.5	115.644	-0.073177 mg/L	Y 371.029
Sb 206.834	-0.073423uvb	mg/L	0.005000	6.8	9.45713	-0.073423 mg/L	Y 371.029
Sb 231.146	0.047324uvb	mg/L	0.005088	10.8	6.03049	0.047324 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.007992	25.0	9.64422	uncal mg/L	Y 371.029
Se 196.026	0.020396b	mg/L	0.002234	11.0	9.18713	0.020396 mg/L	Y 371.029
Se 203.985	0.066041b	mg/L	0.008178	12.4	6.92384	0.066041 mg/L	Y 371.029
Si 250.690	20.0153b	mg/L	0.351576	1.8	26673.1	20.0153 mg/L	Y 371.029
Si 251.611	19.5657b	mg/L	0.345832	1.8	30734.8	19.5657 mg/L	Y 371.029
Si 288.158	18.8980b	mg/L	0.145716	0.8	149182	18.8980 mg/L	Y 371.029
Sn 189.927	-0.011659uvb	mg/L	0.002426	20.8	3.26727	-0.011659 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004583	7.2	19.1331	uncal mg/L	Y 371.029
Sr 216.596	0.445224b	mg/L	0.003245	0.7	4297.91	0.445224 mg/L	Y 371.029
Sr 407.771	0.412829b	mg/L	0.001262	0.3	1023611	0.412829 mg/L	Y 371.029
Sr 421.552	0.405962b	mg/L	0.006590	1.6	635460	0.405962 mg/L	Y 371.029
Ti 334.941	-0.000246b	mg/L	0.000207	84.2	205.257	-0.000246 mg/L	Y 371.029
Ti 336.122	-0.000893b	mg/L	0.000169	18.9	72.1646	-0.000893 mg/L	Y 371.029
Ti 337.280	-0.002811b	mg/L	0.000085	3.0	17.1826	-0.002811 mg/L	Y 371.029
Tl 190.794	0.014492b	mg/L	0.003277	22.6	4.92252	0.014492 mg/L	Y 371.029
Tl 190.807	0.000807b	mg/L	0.005993	742.9	3.26382	0.000807 mg/L	Y 371.029
Tl 351.923	0.040187uvb	mg/L	0.016419	40.9	30.1652	0.040187 mg/L	Y 371.029
V 268.796	-0.061185b	mg/L	0.000421	0.7	66.1445	-0.061185 mg/L	Y 371.029
V 292.401	-0.003363uvb	mg/L	0.000110	3.3	27.2331	-0.003363 mg/L	Y 371.029
V 311.837	-0.000908b	mg/L	0.000037	4.1	11.2628	-0.000908 mg/L	Y 371.029
Zn 202.548	-0.092186b	mg/L	0.001202	1.3	781.518	-0.092186 mg/L	Y 371.029
Zn 206.200	-0.088355b	mg/L	0.000437	0.5	266.746	-0.088355 mg/L	Y 371.029
Zn 213.857	-0.087895b	mg/L	0.000454	0.5	1435.15	-0.087895 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.20617	9672.02	75.073	0.8
Y 371.029	0.855525	141082	1045.789	0.7

1115076-DUP1 (Samp) **4/7/2011, 10:03:26 AM** **Rack 3, Tube 3**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.034977uvb	mg/L	0.000267	0.8	781.072	-0.034977 mg/L	Y 371.029
Ag 338.289	-0.010379uvb	mg/L	0.003859	37.2	3.36577	-0.010379 mg/L	Y 371.029
Al 237.312	-0.047640b	mg/L	0.003741	7.9	80.0706	-0.047640 mg/L	Y 371.029
Al 257.509	-0.148240b	mg/L	0.004462	3.0	18.0896	-0.148240 mg/L	Y 371.029
Al 308.215	0.174529b	mg/L	0.001543	0.9	1118.14	0.174529 mg/L	Y 371.029
As 188.980	0.060741b	mg/L	0.002727	4.5	8.66381	0.060741 mg/L	Y 371.029
As 193.696	0.037361b	mg/L	0.002651	7.1	2.67815	0.037361 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003920	8.2	16.5127	uncal mg/L	Y 371.029
B 182.577	0.098710b	mg/L	0.002796	2.8	56.4978	0.098710 mg/L	Y 371.029
B 249.678	0.063747b	mg/L	0.002102	3.3	730.498	0.063747 mg/L	Y 371.029
B 249.772	0.076816b	mg/L	0.000845	1.1	1764.09	0.076816 mg/L	Y 371.029
Ba 233.527	0.119272b	mg/L	0.000274	0.2	5181.62	0.119272 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.122846b	mg/L	0.000186	0.2	114265	0.122846 mg/L	Y 371.029
Ba 493.408	0.118640b	mg/L	0.000271	0.2	67011.7	0.118640 mg/L	Y 371.029
Be 234.861	0.003495b	mg/L	0.000080	2.3	352.827	0.003495 mg/L	Y 371.029
Be 313.042	0.004514b	mg/L	0.000012	0.3	8719.31	0.004514 mg/L	Y 371.029
Be 313.107	0.004084b	mg/L	0.000017	0.4	3450.69	0.004084 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.862196	2.8	39935584	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.329679	1.6	42121688	- mg/L	Y 371.029
Ca 430.253	46.4362b	mg/L	0.124563	0.3	211374	46.4362 mg/L	Y 371.029
Cd 214.439	0.000406b	mg/L	0.000071	17.4	7.58541	0.000406 mg/L	Y 371.029
Cd 226.502	-0.000547b	mg/L	0.000027	5.0	52.3955	-0.000547 mg/L	Y 371.029
Cd 228.802	0.000179uvb	mg/L	0.000228	127.4	19.8563	0.000179 mg/L	Y 371.029
Co 228.615	0.001360uvb	mg/L	0.000697	51.2	12.9497	0.001360 mg/L	Y 371.029
Co 230.786	0.001209b	mg/L	0.000500	41.3	21.2121	0.001209 mg/L	Y 371.029
Co 238.892	0.003813uvb	mg/L	0.000636	16.7	8.05405	0.003813 mg/L	Y 371.029
Cr 205.560	0.000676b	mg/L	0.000030	4.4	27.7570	0.000676 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000165	11.8	10.8145	uncal mg/L	Y 371.029
Cr 267.716	0.001643b	mg/L	0.000199	12.1	167.181	0.001643 mg/L	Y 371.029
Cu 213.598	-0.017133b	mg/L	0.000386	2.3	18.4106	-0.017133 mg/L	Y 371.029
Cu 324.754	0.022347b	mg/L	0.000286	1.3	659.540	0.022347 mg/L	Y 371.029
Cu 327.395	-0.006692b	mg/L	0.000121	1.8	72.2252	-0.006692 mg/L	Y 371.029
Fe 234.350	9.81758b	mg/L	0.056008	0.6	89643.1	9.81758 mg/L	Y 371.029
Fe 238.204	9.95843b	mg/L	0.102842	1.0	194259	9.95843 mg/L	Y 371.029
Fe 259.940	9.90113b	mg/L	0.041367	0.4	153895	9.90113 mg/L	Y 371.029
Ga 287.423	-0.060565b	mg/L	0.001724	2.8	91.2669	-0.060565 mg/L	Y 371.029
Ga 294.363	-0.010002uvb	mg/L	0.000685	6.9	24.6997	-0.010002 mg/L	Y 371.029
Ga 417.204	-0.006208uvb	mg/L	0.001439	23.2	95.8366	-0.006208 mg/L	Y 371.029
K 766.491	15.6731b	mg/L	0.012739	0.1	1191505	15.6731 mg/L	Y 371.029
K 769.897	16.0131b	mg/L	0.017010	0.1	950434	16.0131 mg/L	Y 371.029
Li 610.365	0.007171b	mg/L	0.000604	8.4	120.165	0.007171 mg/L	Y 371.029
Li 670.783	0.007695b	mg/L	0.000054	0.7	138803	0.007695 mg/L	Y 371.029
Mg 279.078	80.3740b	mg/L	0.243038	0.3	141047	80.3740 mg/L	Y 371.029
Mg 280.270	72.1755b	mg/L	0.864154	1.2	6556615	72.1755 mg/L	Y 371.029
Mg 285.213	79.9926b	mg/L	0.593045	0.7	2837127	79.9926 mg/L	Y 371.029
Mn 257.610	5.95940b	mg/L	0.088314	1.5	903627	5.95940 mg/L	Y 371.029
Mn 259.372	5.85747b	mg/L	0.098184	1.7	666627	5.85747 mg/L	Y 371.029
Mn 260.568	5.95847b	mg/L	0.027097	0.5	119445	5.95847 mg/L	Y 371.029
Mo 202.032	-0.446984b	mg/L	0.001125	0.3	45.7031	-0.446984 mg/L	Y 371.029
Mo 203.846	-0.463382b	mg/L	0.001240	0.3	17.4390	-0.463382 mg/L	Y 371.029
Mo 204.598	-0.473481b	mg/L	0.002170	0.5	12.6915	-0.473481 mg/L	Y 371.029
Na 568.821	-xb	mg/L	1.73616	0.2	215188	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.370237	0.7	32277264	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.03063	1.1	31915386	- mg/L	Y 371.029
Ni 216.555	-0.004115b	mg/L	0.000200	4.9	37.3005	-0.004115 mg/L	Y 371.029
Ni 221.648	-0.007515b	mg/L	0.002053	27.3	13.9450	-0.007515 mg/L	Y 371.029
Ni 231.604	-0.001804b	mg/L	0.000125	6.9	39.4506	-0.001804 mg/L	Y 371.029
P 177.434	0.041637b	mg/L	0.002492	6.0	4.58702	0.041637 mg/L	Y 371.029
P 213.618	-0.050763b	mg/L	0.002686	5.3	12.1087	-0.050763 mg/L	Y 371.029
P 214.914	0.033828b	mg/L	0.005379	15.9	10.2902	0.033828 mg/L	Y 371.029
Pb 220.353	-0.000963b	mg/L	0.003967	411.8	10.6416	-0.000963 mg/L	Y 371.029
Pb 261.417	-0.179326uvb	mg/L	0.009797	5.5	21.9465	-0.179326 mg/L	Y 371.029
Pb 405.781	-0.076592b	mg/L	0.005835	7.6	115.072	-0.076592 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.076970uvb	mg/L	0.002916	3.8	8.31541	-0.076970 mg/L	Y 371.029
Sb 231.146	0.052410b	mg/L	0.002550	4.9	7.84693	0.052410 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006191	16.8	11.1557	uncal mg/L	Y 371.029
Se 196.026	0.017887b	mg/L	0.004971	27.8	8.30017	0.017887 mg/L	Y 371.029
Se 203.985	0.055829b	mg/L	0.010577	18.9	5.05748	0.055829 mg/L	Y 371.029
Si 250.690	20.4448b	mg/L	0.314073	1.5	27244.7	20.4448 mg/L	Y 371.029
Si 251.611	20.0309b	mg/L	0.355257	1.8	31464.2	20.0309 mg/L	Y 371.029
Si 288.158	19.2301b	mg/L	0.152181	0.8	151786	19.2301 mg/L	Y 371.029
Sn 189.927	-0.011126uvb	mg/L	0.000563	5.1	3.50959	-0.011126 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004105	6.0	18.5407	uncal mg/L	Y 371.029
Sr 216.596	0.454671b	mg/L	0.002099	0.5	4388.53	0.454671 mg/L	Y 371.029
Sr 407.771	0.421590b	mg/L	0.001291	0.3	1045206	0.421590 mg/L	Y 371.029
Sr 421.552	0.417922b	mg/L	0.001825	0.4	654057	0.417922 mg/L	Y 371.029
Ti 334.941	-0.000597uvb	mg/L	0.000231	38.7	136.518	-0.000597 mg/L	Y 371.029
Ti 336.122	-0.001212uvb	mg/L	0.000449	37.1	46.8772	-0.001212 mg/L	Y 371.029
Ti 337.280	-0.002646b	mg/L	0.000381	14.4	24.4106	-0.002646 mg/L	Y 371.029
Tl 190.794	0.009584b	mg/L	0.004387	45.8	3.07100	0.009584 mg/L	Y 371.029
Tl 190.807	-0.005852uvb	mg/L	0.005184	88.6	1.97445	-0.005852 mg/L	Y 371.029
Tl 351.923	0.039306uvb	mg/L	0.015126	38.5	27.8852	0.039306 mg/L	Y 371.029
V 268.796	-0.063425b	mg/L	0.001095	1.7	51.2458	-0.063425 mg/L	Y 371.029
V 292.401	-0.003171b	mg/L	0.000024	0.7	35.6784	-0.003171 mg/L	Y 371.029
V 311.837	-0.000812b	mg/L	0.000060	7.3	17.4630	-0.000812 mg/L	Y 371.029
Zn 202.548	-0.093702b	mg/L	0.000918	1.0	788.758	-0.093702 mg/L	Y 371.029
Zn 206.200	-0.091089b	mg/L	0.000475	0.5	264.968	-0.091089 mg/L	Y 371.029
Zn 213.857	-0.090231b	mg/L	0.000344	0.4	1433.70	-0.090231 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18242	9481.60	38.043	0.4
Y 371.029	0.839669	138467	507.689	0.4

1115076-MS1 (Samp) **4/7/2011, 10:07:24 AM** **Rack 3, Tube 4**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.482907b	mg/L	0.003097	0.6	26000.9	0.482907 mg/L	Y 371.029
Ag 338.289	0.513524b	mg/L	0.005632	1.1	1573.24	0.513524 mg/L	Y 371.029
Al 237.312	5.15063b	mg/L	0.018624	0.4	6887.65	5.15063 mg/L	Y 371.029
Al 257.509	5.01610b	mg/L	0.032477	0.6	3129.17	5.01610 mg/L	Y 371.029
Al 308.215	5.22807b	mg/L	0.018412	0.4	31447.9	5.22807 mg/L	Y 371.029
As 188.980	1.11020b	mg/L	0.006862	0.6	413.743	1.11020 mg/L	Y 371.029
As 193.696	1.08064b	mg/L	0.004972	0.5	468.260	1.08064 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.026392	1.5	2266.24	uncal mg/L	Y 371.029
B 182.577	1.17135b	mg/L	0.016042	1.4	603.919	1.17135 mg/L	Y 371.029
B 249.678	1.05737b	mg/L	0.012376	1.2	9706.59	1.05737 mg/L	Y 371.029
B 249.772	1.10776b	mg/L	0.013116	1.2	21183.7	1.10776 mg/L	Y 371.029
Ba 233.527	1.12666b	mg/L	0.001381	0.1	46091.6	1.12666 mg/L	Y 371.029
Ba 455.403	1.13108b	mg/L	0.003469	0.3	1009710	1.13108 mg/L	Y 371.029
Ba 493.408	1.10352b	mg/L	0.000299	0.0	592115	1.10352 mg/L	Y 371.029
Be 234.861	1.04169b	mg/L	0.004636	0.4	121193	1.04169 mg/L	Y 371.029
Be 313.042	1.04627b	mg/L	0.000849	0.1	1753865	1.04627 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	1.03652b	mg/L	0.002019	0.2	838848	1.03652 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.582346	1.7	42963620	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.094545	0.5	41356004	- mg/L	Y 371.029
Ca 430.253	56.2816b	mg/L	0.207763	0.4	255436	56.2816 mg/L	Y 371.029
Cd 214.439	1.03528b	mg/L	0.011457	1.1	22682.2	1.03528 mg/L	Y 371.029
Cd 226.502	1.00001b	mg/L	0.003418	0.3	39724.5	1.00001 mg/L	Y 371.029
Cd 228.802	1.03121b	mg/L	0.009264	0.9	15704.0	1.03121 mg/L	Y 371.029
Co 228.615	1.01947b	mg/L	0.010548	1.0	9844.62	1.01947 mg/L	Y 371.029
Co 230.786	1.01787b	mg/L	0.005390	0.5	6644.42	1.01787 mg/L	Y 371.029
Co 238.892	0.958404b	mg/L	0.001969	0.2	5701.77	0.958404 mg/L	Y 371.029
Cr 205.560	1.02620b	mg/L	0.007497	0.7	4423.91	1.02620 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.004794	0.5	1846.49	uncal mg/L	Y 371.029
Cr 267.716	1.00174b	mg/L	0.002231	0.2	22357.4	1.00174 mg/L	Y 371.029
Cu 213.598	1.01715b	mg/L	0.011532	1.1	4520.86	1.01715 mg/L	Y 371.029
Cu 324.754	1.07164b	mg/L	0.002658	0.2	35600.0	1.07164 mg/L	Y 371.029
Cu 327.395	1.04817b	mg/L	0.001993	0.2	45234.1	1.04817 mg/L	Y 371.029
Fe 234.350	14.8126b	mg/L	0.060961	0.4	135137	14.8126 mg/L	Y 371.029
Fe 238.204	14.9498b	mg/L	0.047485	0.3	290960	14.9498 mg/L	Y 371.029
Fe 259.940	14.9143b	mg/L	0.344888	2.3	231494	14.9143 mg/L	Y 371.029
Ga 287.423	0.994024b	mg/L	0.005343	0.5	2685.75	0.994024 mg/L	Y 371.029
Ga 294.363	1.01850b	mg/L	0.007168	0.7	6609.02	1.01850 mg/L	Y 371.029
Ga 417.204	0.999707b	mg/L	0.002633	0.3	10167.3	0.999707 mg/L	Y 371.029
K 766.491	26.7614b	mg/L	0.123431	0.5	2029905	26.7614 mg/L	Y 371.029
K 769.897	28.2986b	mg/L	0.134059	0.5	1662495	28.2986 mg/L	Y 371.029
Li 610.365	0.988147b	mg/L	0.003948	0.4	47444.9	0.988147 mg/L	Y 371.029
Li 670.783	0.915390b	mg/L	0.000397	0.0	3527380	0.915390 mg/L	Y 371.029
Mg 279.078	89.4540b	mg/L	0.185692	0.2	156982	89.4540 mg/L	Y 371.029
Mg 280.270	77.4134b	mg/L	0.242731	0.3	7032542	77.4134 mg/L	Y 371.029
Mg 285.213	86.7393b	mg/L	0.414542	0.5	3076413	86.7393 mg/L	Y 371.029
Mn 257.610	6.77602b	mg/L	0.080422	1.2	1029461	6.77602 mg/L	Y 371.029
Mn 259.372	6.66508b	mg/L	0.092489	1.4	759984	6.66508 mg/L	Y 371.029
Mn 260.568	6.89529b	mg/L	0.150684	2.2	138256	6.89529 mg/L	Y 371.029
Mo 202.032	0.492032b	mg/L	0.038728	7.9	3375.94	0.492032 mg/L	Y 371.029
Mo 203.846	0.485660b	mg/L	0.046116	9.5	1361.05	0.485660 mg/L	Y 371.029
Mo 204.598	0.456748b	mg/L	0.038621	8.5	1603.68	0.456748 mg/L	Y 371.029
Na 568.821	-xb	mg/L	1.12895	0.1	214928	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.505978	1.0	31642698	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.405001	0.4	31214208	- mg/L	Y 371.029
Ni 216.555	1.00834b	mg/L	0.004583	0.5	5868.92	1.00834 mg/L	Y 371.029
Ni 221.648	1.00443b	mg/L	0.008415	0.8	2320.07	1.00443 mg/L	Y 371.029
Ni 231.604	1.02075b	mg/L	0.006324	0.6	3828.21	1.02075 mg/L	Y 371.029
P 177.434	1.09448b	mg/L	0.007244	0.7	179.677	1.09448 mg/L	Y 371.029
P 213.618	1.03881b	mg/L	0.005198	0.5	801.678	1.03881 mg/L	Y 371.029
P 214.914	1.11129b	mg/L	0.019666	1.8	243.964	1.11129 mg/L	Y 371.029
Pb 220.353	1.01191b	mg/L	0.012882	1.3	1330.83	1.01191 mg/L	Y 371.029
Pb 261.417	0.445399b	mg/L	0.010622	2.4	352.279	0.445399 mg/L	Y 371.029
Pb 405.781	0.962373b	mg/L	0.005553	0.6	1567.48	0.962373 mg/L	Y 371.029
Sb 206.834	1.06188b	mg/L	0.001884	0.2	744.940	1.06188 mg/L	Y 371.029
Sb 231.146	1.26346b	mg/L	0.003654	0.3	595.889	1.26346 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.036778	4.4	328.950	uncal mg/L	Y 371.029
Se 196.026	1.01370b	mg/L	0.057415	5.7	329.561	1.01370 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	1.09632b	mg/L	0.066525	6.1	209.532	1.09632 mg/L	Y 371.029
Si 250.690	21.0948b	mg/L	0.042913	0.2	28127.7	21.0948 mg/L	Y 371.029
Si 251.611	20.6846b	mg/L	0.040657	0.2	32526.3	20.6846 mg/L	Y 371.029
Si 288.158	19.8689b	mg/L	0.275595	1.4	156823	19.8689 mg/L	Y 371.029
Sn 189.927	0.947145b	mg/L	0.005357	0.6	296.286	0.947145 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.002791	0.2	2749.91	uncal mg/L	Y 371.029
Sr 216.596	1.53617b	mg/L	0.014065	0.9	14722.1	1.53617 mg/L	Y 371.029
Sr 407.771	1.46027b	mg/L	0.008354	0.6	3596729	1.46027 mg/L	Y 371.029
Sr 421.552	1.41516b	mg/L	0.011565	0.8	2200440	1.41516 mg/L	Y 371.029
Ti 334.941	0.973157b	mg/L	0.001523	0.2	198130	0.973157 mg/L	Y 371.029
Ti 336.122	0.964310b	mg/L	0.001805	0.2	83876.9	0.964310 mg/L	Y 371.029
Ti 337.280	1.00736b	mg/L	0.003796	0.4	30359.5	1.00736 mg/L	Y 371.029
Tl 190.794	0.982754b	mg/L	0.009312	0.9	371.395	0.982754 mg/L	Y 371.029
Tl 190.807	0.973948b	mg/L	0.009799	1.0	196.522	0.973948 mg/L	Y 371.029
Tl 351.923	1.01760b	mg/L	0.011364	1.1	1398.16	1.01760 mg/L	Y 371.029
V 268.796	0.936014b	mg/L	0.007622	0.8	9366.42	0.936014 mg/L	Y 371.029
V 292.401	1.05249b	mg/L	0.004578	0.4	34591.9	1.05249 mg/L	Y 371.029
V 311.837	1.05237b	mg/L	0.003235	0.3	47035.0	1.05237 mg/L	Y 371.029
Zn 202.548	0.943119b	mg/L	0.006432	0.7	11921.3	0.943119 mg/L	Y 371.029
Zn 206.200	0.969093b	mg/L	0.009021	0.9	3812.98	0.969093 mg/L	Y 371.029
Zn 213.857	0.977099b	mg/L	0.008304	0.8	20519.9	0.977099 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.20063	9627.60	30.793	0.3
Y 371.029	0.852984	140663	610.576	0.4

1115076-MSD1 (Samp) **4/7/2011, 10:11:39 AM** **Rack 3, Tube 5**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.475032b	mg/L	0.001395	0.3	25639.5	0.475032 mg/L	Y 371.029
Ag 338.289	0.506448b	mg/L	0.003342	0.7	1551.59	0.506448 mg/L	Y 371.029
Al 237.312	5.25064b	mg/L	0.060060	1.1	7020.53	5.25064 mg/L	Y 371.029
Al 257.509	5.06760b	mg/L	0.022426	0.4	3162.23	5.06760 mg/L	Y 371.029
Al 308.215	5.29992b	mg/L	0.013270	0.3	31861.8	5.29992 mg/L	Y 371.029
As 188.980	1.13617b	mg/L	0.003601	0.3	423.324	1.13617 mg/L	Y 371.029
As 193.696	1.09991b	mg/L	0.005337	0.5	476.526	1.09991 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.026740	2.2	1993.22	uncal mg/L	Y 371.029
B 182.577	1.19319b	mg/L	0.011372	1.0	615.093	1.19319 mg/L	Y 371.029
B 249.678	1.07678b	mg/L	0.010669	1.0	9884.73	1.07678 mg/L	Y 371.029
B 249.772	1.12768b	mg/L	0.010826	1.0	21564.5	1.12768 mg/L	Y 371.029
Ba 233.527	1.14216b	mg/L	0.000499	0.0	46724.4	1.14216 mg/L	Y 371.029
Ba 455.403	1.14440b	mg/L	0.002648	0.2	1021578	1.14440 mg/L	Y 371.029
Ba 493.408	1.11941b	mg/L	0.003982	0.4	600618	1.11941 mg/L	Y 371.029
Be 234.861	1.05306b	mg/L	0.006762	0.6	122516	1.05306 mg/L	Y 371.029
Be 313.042	1.05704b	mg/L	0.005123	0.5	1771908	1.05704 mg/L	Y 371.029
Be 313.107	1.04682b	mg/L	0.004747	0.5	847183	1.04682 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.567158	1.7	43144224	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.026917	0.1	41615188	- mg/L	Y 371.029
Ca 430.253	57.5318b	mg/L	0.244568	0.4	261079	57.5318 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	1.05300b	mg/L	0.016737	1.6	23070.5	1.05300 mg/L	Y 371.029
Cd 226.502	1.01309b	mg/L	0.002390	0.2	40244.2	1.01309 mg/L	Y 371.029
Cd 228.802	1.03826b	mg/L	0.001337	0.1	15811.1	1.03826 mg/L	Y 371.029
Co 228.615	1.03016b	mg/L	0.003076	0.3	9947.56	1.03016 mg/L	Y 371.029
Co 230.786	1.03276b	mg/L	0.002363	0.2	6741.52	1.03276 mg/L	Y 371.029
Co 238.892	0.964806b	mg/L	0.009270	1.0	5739.40	0.964806 mg/L	Y 371.029
Cr 205.560	1.03975b	mg/L	0.002546	0.2	4482.53	1.03975 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.008819	0.8	1874.67	uncal mg/L	Y 371.029
Cr 267.716	1.01541b	mg/L	0.002088	0.2	22663.6	1.01541 mg/L	Y 371.029
Cu 213.598	1.02811b	mg/L	0.002011	0.2	4571.35	1.02811 mg/L	Y 371.029
Cu 324.754	1.08428b	mg/L	0.003150	0.3	36005.8	1.08428 mg/L	Y 371.029
Cu 327.395	1.06087b	mg/L	0.001913	0.2	45785.6	1.06087 mg/L	Y 371.029
Fe 234.350	15.0985b	mg/L	0.115901	0.8	137749	15.0985 mg/L	Y 371.029
Fe 238.204	15.1923b	mg/L	0.169651	1.1	295701	15.1923 mg/L	Y 371.029
Fe 259.940	15.0659b	mg/L	0.204734	1.4	233873	15.0659 mg/L	Y 371.029
Ga 287.423	1.00509b	mg/L	0.005886	0.6	2718.25	1.00509 mg/L	Y 371.029
Ga 294.363	1.03294b	mg/L	0.003802	0.4	6702.97	1.03294 mg/L	Y 371.029
Ga 417.204	1.01263b	mg/L	0.005410	0.5	10301.3	1.01263 mg/L	Y 371.029
K 766.491	27.2578b	mg/L	0.071806	0.3	2067535	27.2578 mg/L	Y 371.029
K 769.897	28.8719b	mg/L	0.088214	0.3	1695934	28.8719 mg/L	Y 371.029
Li 610.365	0.997738b	mg/L	0.002269	0.2	47907.6	0.997738 mg/L	Y 371.029
Li 670.783	0.926541b	mg/L	0.001460	0.2	3569918	0.926541 mg/L	Y 371.029
Mg 279.078	91.6522b	mg/L	0.298243	0.3	160839	91.6522 mg/L	Y 371.029
Mg 280.270	78.6770b	mg/L	0.211416	0.3	7147330	78.6770 mg/L	Y 371.029
Mg 285.213	88.3192b	mg/L	0.558105	0.6	3132448	88.3192 mg/L	Y 371.029
Mn 257.610	6.92963b	mg/L	0.021902	0.3	1052791	6.92963 mg/L	Y 371.029
Mn 259.372	6.83396b	mg/L	0.011663	0.2	779246	6.83396 mg/L	Y 371.029
Mn 260.568	6.98113b	mg/L	0.103097	1.5	139986	6.98113 mg/L	Y 371.029
Mo 202.032	0.549356b	mg/L	0.037547	6.8	3614.21	0.549356 mg/L	Y 371.029
Mo 203.846	0.553779b	mg/L	0.049931	9.0	1471.95	0.553779 mg/L	Y 371.029
Mo 204.598	0.512844b	mg/L	0.045205	8.8	1717.50	0.512844 mg/L	Y 371.029
Na 568.821	-xb	mg/L	1.99146	0.2	219649	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.852329	1.6	31732362	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.04595	1.1	31641286	- mg/L	Y 371.029
Ni 216.555	1.02121b	mg/L	0.001994	0.2	5944.38	1.02121 mg/L	Y 371.029
Ni 221.648	1.01601b	mg/L	0.003615	0.4	2347.13	1.01601 mg/L	Y 371.029
Ni 231.604	1.03673b	mg/L	0.003269	0.3	3888.32	1.03673 mg/L	Y 371.029
P 177.434	1.11585b	mg/L	0.003892	0.3	183.126	1.11585 mg/L	Y 371.029
P 213.618	1.04922b	mg/L	0.005008	0.5	810.371	1.04922 mg/L	Y 371.029
P 214.914	1.14902b	mg/L	0.031426	2.7	251.991	1.14902 mg/L	Y 371.029
Pb 220.353	1.02251b	mg/L	0.016100	1.6	1344.85	1.02251 mg/L	Y 371.029
Pb 261.417	0.431113b	mg/L	0.011560	2.7	346.750	0.431113 mg/L	Y 371.029
Pb 405.781	0.988789b	mg/L	0.008022	0.8	1608.81	0.988789 mg/L	Y 371.029
Sb 206.834	1.08143b	mg/L	0.010148	0.9	758.663	1.08143 mg/L	Y 371.029
Sb 231.146	1.28088b	mg/L	0.007710	0.6	603.972	1.28088 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.019538	2.3	330.132	uncal mg/L	Y 371.029
Se 196.026	1.05600b	mg/L	0.049124	4.7	343.117	1.05600 mg/L	Y 371.029
Se 203.985	1.16769b	mg/L	0.069011	5.9	222.270	1.16769 mg/L	Y 371.029
Si 250.690	21.5655b	mg/L	0.031669	0.1	28754.2	21.5655 mg/L	Y 371.029
Si 251.611	21.1224b	mg/L	0.045020	0.2	33215.4	21.1224 mg/L	Y 371.029
Si 288.158	20.0981b	mg/L	0.291243	1.4	158625	20.0981 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.962657b	mg/L	0.005483	0.6	301.102	0.962657 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.007940	0.6	2794.65	uncal mg/L	Y 371.029
Sr 216.596	1.55430b	mg/L	0.007698	0.5	14895.9	1.55430 mg/L	Y 371.029
Sr 407.771	1.46752b	mg/L	0.014040	1.0	3614654	1.46752 mg/L	Y 371.029
Sr 421.552	1.43697b	mg/L	0.007063	0.5	2234337	1.43697 mg/L	Y 371.029
Ti 334.941	0.991972b	mg/L	0.002516	0.3	201957	0.991972 mg/L	Y 371.029
Ti 336.122	0.986482b	mg/L	0.001674	0.2	85803.5	0.986482 mg/L	Y 371.029
Ti 337.280	1.02580b	mg/L	0.003508	0.3	30915.8	1.02580 mg/L	Y 371.029
Tl 190.794	0.996768b	mg/L	0.002267	0.2	376.691	0.996768 mg/L	Y 371.029
Tl 190.807	0.975107b	mg/L	0.005635	0.6	196.910	0.975107 mg/L	Y 371.029
Tl 351.923	1.04636b	mg/L	0.018301	1.7	1437.45	1.04636 mg/L	Y 371.029
V 268.796	0.949168b	mg/L	0.008298	0.9	9568.07	0.949168 mg/L	Y 371.029
V 292.401	1.06692b	mg/L	0.005429	0.5	35066.9	1.06692 mg/L	Y 371.029
V 311.837	1.06638b	mg/L	0.003058	0.3	47662.9	1.06638 mg/L	Y 371.029
Zn 202.548	0.948757b	mg/L	0.004585	0.5	12006.1	0.948757 mg/L	Y 371.029
Zn 206.200	0.984254b	mg/L	0.012257	1.2	3871.29	0.984254 mg/L	Y 371.029
Zn 213.857	0.989721b	mg/L	0.020001	2.0	20786.1	0.989721 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.19337	9569.41	22.488	0.2
Y 371.029	0.846967	139671	144.049	0.1

1115076-SRD1 (Samp) **4/7/2011, 10:15:36 AM** **Rack 3, Tube 6**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.018239uvb	mg/L	0.000164	0.9	784.939	-0.091194 mg/L	Y 371.029
Ag 338.289	-0.009365uvb	mg/L	0.002282	24.4	4.44266	-0.046825 mg/L	Y 371.029
Al 237.312	-0.020687uvb	mg/L	0.002521	12.2	48.6929	-0.103436 mg/L	Y 371.029
Al 257.509	-0.025398uvb	mg/L	0.009189	36.2	15.0302	-0.126991 mg/L	Y 371.029
Al 308.215	0.028841b	mg/L	0.001550	5.4	964.904	0.144207 mg/L	Y 371.029
As 188.980	0.028169b	mg/L	0.004960	17.6	12.6411	0.140846 mg/L	Y 371.029
As 193.696	0.021815b	mg/L	0.003124	14.3	8.07298	0.109076 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.011083	98.0	18.0741	uncal mg/L	Y 371.029
B 182.577	0.030033b	mg/L	0.003280	10.9	20.3460	0.150165 mg/L	Y 371.029
B 249.678	0.026288b	mg/L	0.003269	12.4	282.968	0.131439 mg/L	Y 371.029
B 249.772	0.029305b	mg/L	0.003108	10.6	651.225	0.146525 mg/L	Y 371.029
Ba 233.527	0.023665b	mg/L	0.000162	0.7	1184.11	0.118327 mg/L	Y 371.029
Ba 455.403	0.024951b	mg/L	0.000059	0.2	26476.2	0.124753 mg/L	Y 371.029
Ba 493.408	0.023832b	mg/L	0.000038	0.2	15465.4	0.119158 mg/L	Y 371.029
Be 234.861	0.000701b	mg/L	0.000014	2.0	60.5500	0.003503 mg/L	Y 371.029
Be 313.042	0.001077b	mg/L	0.000011	1.0	3087.20	0.005387 mg/L	Y 371.029
Be 313.107	0.000804b	mg/L	0.000016	2.0	736.529	0.004019 mg/L	Y 371.029
Ca 393.366	8.22848nb	mg/L	0.032146	0.4	10579181	41.1424 mg/L	Y 371.029
Ca 396.847	7.76340b	mg/L	0.026409	0.3	15376005	38.8170 mg/L	Y 371.029
Ca 430.253	8.99148b	mg/L	0.026110	0.3	42001.4	44.9574 mg/L	Y 371.029
Cd 214.439	0.000212b	mg/L	0.000012	5.6	3.03098	0.001060 mg/L	Y 371.029
Cd 226.502	-0.000028b	mg/L	0.000094	339.7	27.7130	-0.000138 mg/L	Y 371.029
Cd 228.802	0.000431uvb	mg/L	0.000469	108.8	28.7619	0.002155 mg/L	Y 371.029
Co 228.615	0.000061uvb	mg/L	0.000467	764.7	11.4390	0.000306 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.001155b	mg/L	0.000746	64.6	17.7236	0.005776 mg/L	Y 371.029
Co 238.892	0.000374uvb	mg/L	0.000281	75.0	3.97376	0.001872 mg/L	Y 371.029
Cr 205.560	-0.001365uvb	mg/L	0.000558	40.9	3.92472	-0.006825 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000624	63.6	2.17638	uncal mg/L	Y 371.029
Cr 267.716	-0.000785b	mg/L	0.000083	10.6	26.1693	-0.003924 mg/L	Y 371.029
Cu 213.598	-0.002991b	mg/L	0.000635	21.2	6.82777	-0.014955 mg/L	Y 371.029
Cu 324.754	0.004609b	mg/L	0.000194	4.2	615.335	0.023044 mg/L	Y 371.029
Cu 327.395	-0.000750b	mg/L	0.000074	9.9	55.8483	-0.003749 mg/L	Y 371.029
Fe 234.350	1.97194b	mg/L	0.017719	0.9	18003.2	9.85971 mg/L	Y 371.029
Fe 238.204	1.98575b	mg/L	0.021206	1.1	38723.5	9.92875 mg/L	Y 371.029
Fe 259.940	1.99423b	mg/L	0.010672	0.5	31003.7	9.97116 mg/L	Y 371.029
Ga 287.423	-0.013450b	mg/L	0.001339	10.0	24.6824	-0.067250 mg/L	Y 371.029
Ga 294.363	-0.001066b	mg/L	0.000272	25.5	27.5061	-0.005330 mg/L	Y 371.029
Ga 417.204	0.000372b	mg/L	0.001090	292.8	97.6180	0.001861 mg/L	Y 371.029
K 766.491	2.92825b	mg/L	0.008498	0.3	224419	14.6412 mg/L	Y 371.029
K 769.897	2.84677b	mg/L	0.005551	0.2	179605	14.2339 mg/L	Y 371.029
Li 610.365	0.004595b	mg/L	0.000085	1.8	-4.12093	0.022976 mg/L	Y 371.029
Li 670.783	0.002308b	mg/L	0.000070	3.0	87590.2	0.011541 mg/L	Y 371.029
Mg 279.078	15.9676b	mg/L	0.036066	0.2	28033.6	79.8379 mg/L	Y 371.029
Mg 280.270	17.8282b	mg/L	0.134912	0.8	1619849	89.1412 mg/L	Y 371.029
Mg 285.213	16.6048b	mg/L	0.124278	0.7	588981	83.0240 mg/L	Y 371.029
Mn 257.610	1.20108b	mg/L	0.025089	2.1	182123	6.00542 mg/L	Y 371.029
Mn 259.372	1.17939b	mg/L	0.022829	1.9	134268	5.89696 mg/L	Y 371.029
Mn 260.568	1.19018b	mg/L	0.005915	0.5	23860.7	5.95091 mg/L	Y 371.029
Mo 202.032	-0.034542b	mg/L	0.006214	18.0	188.197	-0.172710 mg/L	Y 371.029
Mo 203.846	-0.035240b	mg/L	0.005410	15.4	75.9505	-0.176202 mg/L	Y 371.029
Mo 204.598	-0.037573b	mg/L	0.003905	10.4	82.7945	-0.187866 mg/L	Y 371.029
Na 568.821	141.724b	mg/L	0.318568	0.2	38748.3	708.618 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.54525	2.5	37057596	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.44135	1.6	30835246	- mg/L	Y 371.029
Ni 216.555	-0.001288b	mg/L	0.000300	23.3	6.72326	-0.006441 mg/L	Y 371.029
Ni 221.648	-0.000198b	mg/L	0.000913	460.6	7.76326	-0.000991 mg/L	Y 371.029
Ni 231.604	-0.000708b	mg/L	0.000552	77.9	13.3235	-0.003538 mg/L	Y 371.029
P 177.434	0.007714b	mg/L	0.004618	59.9	2.44399	0.038569 mg/L	Y 371.029
P 213.618	-0.008224b	mg/L	0.001244	15.1	3.63151	-0.041119 mg/L	Y 371.029
P 214.914	0.011568b	mg/L	0.004584	39.6	4.78593	0.057842 mg/L	Y 371.029
Pb 220.353	-0.000338b	mg/L	0.000500	147.7	5.10291	-0.001692 mg/L	Y 371.029
Pb 261.417	-0.032293uvb	mg/L	0.002306	7.1	21.2072	-0.161465 mg/L	Y 371.029
Pb 405.781	-0.004958b	mg/L	0.006141	123.8	64.2632	-0.024792 mg/L	Y 371.029
Sb 206.834	-0.014931uvb	mg/L	0.001957	13.1	8.25656	-0.074657 mg/L	Y 371.029
Sb 231.146	0.018965b	mg/L	0.003782	19.9	10.4852	0.094826 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.016010	94.0	11.9288	uncal mg/L	Y 371.029
Se 196.026	0.026520b	mg/L	0.004536	17.1	13.9548	0.132601 mg/L	Y 371.029
Se 203.985	0.023633b	mg/L	0.005423	22.9	5.91277	0.118167 mg/L	Y 371.029
Si 250.690	3.93146b	mg/L	0.003931	0.1	5272.20	19.6573 mg/L	Y 371.029
Si 251.611	3.85476b	mg/L	0.007899	0.2	6074.72	19.2738 mg/L	Y 371.029
Si 288.158	3.75304b	mg/L	0.015396	0.4	30338.7	18.7652 mg/L	Y 371.029
Sn 189.927	0.002925b	mg/L	0.002201	75.2	4.92293	0.014623 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004258	26.0	23.1117	uncal mg/L	Y 371.029
Sr 216.596	0.089664b	mg/L	0.000466	0.5	882.495	0.448322 mg/L	Y 371.029
Sr 407.771	0.085109b	mg/L	0.000439	0.5	215355	0.425547 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.083911b	mg/L	0.000199	0.2	133828	0.419554 mg/L	Y 371.029
Ti 334.941	0.002238b	mg/L	0.000528	23.6	590.239	0.011189 mg/L	Y 371.029
Ti 336.122	0.001423b	mg/L	0.000630	44.3	187.176	0.007116 mg/L	Y 371.029
Ti 337.280	0.001753b	mg/L	0.000990	56.5	69.4723	0.008765 mg/L	Y 371.029
Tl 190.794	0.007939b	mg/L	0.002660	33.5	3.41781	0.039694 mg/L	Y 371.029
Tl 190.807	-0.000629uvb	mg/L	0.003541	562.5	1.60804	-0.003147 mg/L	Y 371.029
Tl 351.923	0.011945b	mg/L	0.000937	7.8	25.0820	0.059723 mg/L	Y 371.029
V 268.796	-0.009499b	mg/L	0.001074	11.3	102.020	-0.047493 mg/L	Y 371.029
V 292.401	-0.000489uvb	mg/L	0.000351	71.7	34.5585	-0.002446 mg/L	Y 371.029
V 311.837	0.000768b	mg/L	0.000254	33.1	17.9663	0.003838 mg/L	Y 371.029
Zn 202.548	-0.015540b	mg/L	0.000258	1.7	776.409	-0.077701 mg/L	Y 371.029
Zn 206.200	-0.012520b	mg/L	0.000565	4.5	256.647	-0.062602 mg/L	Y 371.029
Zn 213.857	-0.013408b	mg/L	0.000455	3.4	1339.10	-0.067041 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24243	9962.79	67.951	0.7
Y 371.029	0.879343	145010	899.109	0.6

11C1255-05 (Samp) **4/7/2011, 10:19:27 AM** **Rack 3, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.020633uvb	mg/L	0.000478	2.3	714.592	-0.020633 mg/L	Y 371.029
Ag 338.289	-0.009940uvb	mg/L	0.002163	21.8	2.39375	-0.009940 mg/L	Y 371.029
Al 237.312	0.030875b	mg/L	0.009946	32.2	88.2059	0.030875 mg/L	Y 371.029
Al 257.509	0.024834b	mg/L	0.012680	51.1	42.0166	0.024834 mg/L	Y 371.029
Al 308.215	0.104674b	mg/L	0.000876	0.8	1216.57	0.104674 mg/L	Y 371.029
As 188.980	0.022435b	mg/L	0.005277	23.5	9.84619	0.022435 mg/L	Y 371.029
As 193.696	0.011849b	mg/L	0.002167	18.3	4.35167	0.011849 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006068	74.5	9.43507	uncal mg/L	Y 371.029
B 182.577	0.134527b	mg/L	0.004646	3.5	75.7902	0.134527 mg/L	Y 371.029
B 249.678	0.002266b	mg/L	0.000381	16.8	119.331	0.002266 mg/L	Y 371.029
B 249.772	0.046523b	mg/L	0.000591	1.3	2480.09	0.046523 mg/L	Y 371.029
Ba 233.527	0.015163b	mg/L	0.000152	1.0	952.381	0.015163 mg/L	Y 371.029
Ba 455.403	0.016666b	mg/L	0.000041	0.2	20591.2	0.016666 mg/L	Y 371.029
Ba 493.408	0.015588b	mg/L	0.000054	0.3	12322.2	0.015588 mg/L	Y 371.029
Be 234.861	0.002363uvb	mg/L	0.002030	85.9	-251.748	0.002363 mg/L	Y 371.029
Be 313.042	0.001219b	mg/L	0.000009	0.8	3351.46	0.001219 mg/L	Y 371.029
Be 313.107	0.000944b	mg/L	0.000005	0.6	875.058	0.000944 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.671155	2.1	40340852	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.159491	0.8	40090976	- mg/L	Y 371.029
Ca 430.253	48.1731b	mg/L	0.186504	0.4	217447	48.1731 mg/L	Y 371.029
Cd 214.439	0.001440b	mg/L	0.000155	10.8	43.8867	0.001440 mg/L	Y 371.029
Cd 226.502	0.001810b	mg/L	0.000135	7.5	337.722	0.001810 mg/L	Y 371.029
Cd 228.802	0.000645uvb	mg/L	0.000592	91.8	19.7898	0.000645 mg/L	Y 371.029
Co 228.615	0.172850b	mg/L	0.000434	0.3	2070.24	0.172850 mg/L	Y 371.029
Co 230.786	0.167475b	mg/L	0.000841	0.5	1413.14	0.167475 mg/L	Y 371.029
Co 238.892	0.157032b	mg/L	0.008357	5.3	319.435	0.157032 mg/L	Y 371.029
Cr 205.560	-0.016457uvb	mg/L	0.000717	4.4	4.14510	-0.016457 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001450	10.3	5.68005	uncal mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	-0.015573b	mg/L	0.000084	0.5	27.7218	-0.015573 mg/L	Y 371.029
Cu 213.598	-0.027854b	mg/L	0.000858	3.1	116.323	-0.027854 mg/L	Y 371.029
Cu 324.754	-0.012677uvb	mg/L	0.000112	0.9	476.113	-0.012677 mg/L	Y 371.029
Cu 327.395	-0.024547uvb	mg/L	0.000336	1.4	30.3475	-0.024547 mg/L	Y 371.029
Fe 234.350	91.8347b	mg/L	0.951857	1.0	828838	91.8347 mg/L	Y 371.029
Fe 238.204	90.3036b	mg/L	0.754142	0.8	1737908	90.3036 mg/L	Y 371.029
Fe 259.940	90.8785b	mg/L	1.20462	1.3	1398223	90.8785 mg/L	Y 371.029
Ga 287.423	-0.393827b	mg/L	0.002625	0.7	855.080	-0.393827 mg/L	Y 371.029
Ga 294.363	-0.008610b	mg/L	0.000933	10.8	48.3934	-0.008610 mg/L	Y 371.029
Ga 417.204	-0.000977b	mg/L	0.002038	208.7	338.542	-0.000977 mg/L	Y 371.029
K 766.491	1.61630b	mg/L	0.005590	0.3	126069	1.61630 mg/L	Y 371.029
K 769.897	1.55386b	mg/L	0.006878	0.4	105283	1.55386 mg/L	Y 371.029
Li 610.365	0.007248b	mg/L	0.000350	4.8	123.877	0.007248 mg/L	Y 371.029
Li 670.783	0.013098b	mg/L	0.000121	0.9	141046	0.013098 mg/L	Y 371.029
Mg 279.078	76.5738b	mg/L	0.300025	0.4	134432	76.5738 mg/L	Y 371.029
Mg 280.270	68.4832b	mg/L	0.443393	0.6	6220089	68.4832 mg/L	Y 371.029
Mg 285.213	75.3429b	mg/L	0.765136	1.0	2671775	75.3429 mg/L	Y 371.029
Mn 257.610	2.07028b	mg/L	0.009264	0.4	314686	2.07028 mg/L	Y 371.029
Mn 259.372	2.00557b	mg/L	0.006544	0.3	245137	2.00557 mg/L	Y 371.029
Mn 260.568	2.06604b	mg/L	0.021726	1.1	41844.5	2.06604 mg/L	Y 371.029
Mo 202.032	-0.061534b	mg/L	0.003670	6.0	52.6652	-0.061534 mg/L	Y 371.029
Mo 203.846	-0.060831b	mg/L	0.001955	3.2	29.4895	-0.060831 mg/L	Y 371.029
Mo 204.598	-0.065994b	mg/L	0.001633	2.5	23.9940	-0.065994 mg/L	Y 371.029
Na 568.821	137.659b	mg/L	0.238816	0.2	37718.5	137.659 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.63750	2.7	37117812	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.598801	0.6	30776490	- mg/L	Y 371.029
Ni 216.555	0.166784b	mg/L	0.001226	0.7	1444.74	0.166784 mg/L	Y 371.029
Ni 221.648	0.162412b	mg/L	0.000927	0.6	554.959	0.162412 mg/L	Y 371.029
Ni 231.604	0.171061b	mg/L	0.001471	0.9	943.645	0.171061 mg/L	Y 371.029
P 177.434	-0.014515uvb	mg/L	0.003138	21.6	1.83612	-0.014515 mg/L	Y 371.029
P 213.618	-0.025768b	mg/L	0.000993	3.9	3.86164	-0.025768 mg/L	Y 371.029
P 214.914	0.001649b	mg/L	0.008011	485.7	17.2061	0.001649 mg/L	Y 371.029
Pb 220.353	-0.001014b	mg/L	0.001830	180.4	6.51677	-0.001014 mg/L	Y 371.029
Pb 261.417	-0.004471uvb	mg/L	0.007822	175.0	23.5471	-0.004471 mg/L	Y 371.029
Pb 405.781	-0.035198b	mg/L	0.007893	22.4	68.1954	-0.035198 mg/L	Y 371.029
Sb 206.834	-0.024534uvb	mg/L	0.004623	18.8	10.3318	-0.024534 mg/L	Y 371.029
Sb 231.146	0.018629b	mg/L	0.001688	9.1	18.3405	0.018629 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.040839	15.5	38.9539	uncal mg/L	Y 371.029
Se 196.026	-0.001323uvb	mg/L	0.000831	62.8	3.63903	-0.001323 mg/L	Y 371.029
Se 203.985	0.041917uvb	mg/L	0.025253	60.2	4.72919	0.041917 mg/L	Y 371.029
Si 250.690	19.6027b	mg/L	0.038949	0.2	26108.5	19.6027 mg/L	Y 371.029
Si 251.611	19.2211b	mg/L	0.037653	0.2	30135.6	19.2211 mg/L	Y 371.029
Si 288.158	18.4126b	mg/L	0.293444	1.6	145547	18.4126 mg/L	Y 371.029
Sn 189.927	-0.003512b	mg/L	0.001953	55.6	3.91772	-0.003512 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003054	6.9	12.5546	uncal mg/L	Y 371.029
Sr 216.596	0.237548b	mg/L	0.000594	0.3	2491.94	0.237548 mg/L	Y 371.029
Sr 407.771	0.235211b	mg/L	0.002257	1.0	586733	0.235211 mg/L	Y 371.029
Sr 421.552	0.235153b	mg/L	0.001014	0.4	370202	0.235153 mg/L	Y 371.029
Ti 334.941	-0.003562b	mg/L	0.000658	18.5	428.056	-0.003562 mg/L	Y 371.029
Ti 336.122	-0.003852b	mg/L	0.000743	19.3	121.017	-0.003852 mg/L	Y 371.029
Ti 337.280	-0.004034b	mg/L	0.000544	13.5	49.1854	-0.004034 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.004422b	mg/L	0.003963	89.6	3.57517	0.004422 mg/L	Y 371.029
Tl 190.807	0.018434b	mg/L	0.011983	65.0	3.93960	0.018434 mg/L	Y 371.029
Tl 351.923	0.004081uvb	mg/L	0.002141	52.5	12.7742	0.004081 mg/L	Y 371.029
V 268.796	-0.021522b	mg/L	0.000656	3.0	64.6653	-0.021522 mg/L	Y 371.029
V 292.401	-0.015723b	mg/L	0.000226	1.4	54.7949	-0.015723 mg/L	Y 371.029
V 311.837	-0.012234b	mg/L	0.000071	0.6	13.5881	-0.012234 mg/L	Y 371.029
Zn 202.548	0.139761b	mg/L	0.004467	3.2	2572.66	0.139761 mg/L	Y 371.029
Zn 206.200	0.146013b	mg/L	0.001251	0.9	838.269	0.146013 mg/L	Y 371.029
Zn 213.857	0.149645b	mg/L	0.001692	1.1	4659.95	0.149645 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23806	9927.75	49.195	0.5
Y 371.029	0.882220	145484	970.058	0.7

11C1255-06 (Samp) **4/7/2011, 10:23:40 AM** **Rack 3, Tube 8**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.027694uvb	mg/L	0.000051	0.2	742.980	-0.027694 mg/L	Y 371.029
Ag 338.289	-0.012032uvb	mg/L	0.000876	7.3	-2.08342	-0.012032 mg/L	Y 371.029
Al 237.312	0.026983uvb	mg/L	0.002388	8.8	24.5400	0.026983 mg/L	Y 371.029
Al 257.509	-0.068971uvb	mg/L	0.020244	29.4	19.5064	-0.068971 mg/L	Y 371.029
Al 308.215	0.134532uvb	mg/L	0.001634	1.2	907.655	0.134532 mg/L	Y 371.029
As 188.980	0.038885b	mg/L	0.000775	2.0	8.86349	0.038885 mg/L	Y 371.029
As 193.696	0.021282b	mg/L	0.002594	12.2	3.99903	0.021282 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002423	7.5	10.5069	uncal mg/L	Y 371.029
B 182.577	0.127972b	mg/L	0.000503	0.4	72.6682	0.127972 mg/L	Y 371.029
B 249.678	0.049151b	mg/L	0.000285	0.6	620.714	0.049151 mg/L	Y 371.029
B 249.772	0.149377b	mg/L	0.002161	1.4	6270.76	0.149377 mg/L	Y 371.029
Ba 233.527	0.083710b	mg/L	0.000235	0.3	3764.26	0.083710 mg/L	Y 371.029
Ba 455.403	0.086174b	mg/L	0.000238	0.3	81101.9	0.086174 mg/L	Y 371.029
Ba 493.408	0.085398b	mg/L	0.000168	0.2	49438.4	0.085398 mg/L	Y 371.029
Be 234.861	0.000768uvb	mg/L	0.000265	34.5	-1068.05	0.000768 mg/L	Y 371.029
Be 313.042	0.000295b	mg/L	0.000013	4.6	1674.23	0.000295 mg/L	Y 371.029
Be 313.107	-0.000013b	mg/L	0.000007	57.7	93.8801	-0.000013 mg/L	Y 371.029
Ca 393.366	21.8239nb	mg/L	0.041111	0.2	28049328	21.8239 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.128654	0.6	40329892	- mg/L	Y 371.029
Ca 430.253	28.0355b	mg/L	0.032314	0.1	128993	28.0355 mg/L	Y 371.029
Cd 214.439	0.001820b	mg/L	0.000043	2.4	71.1579	0.001820 mg/L	Y 371.029
Cd 226.502	0.003452b	mg/L	0.000174	5.0	696.563	0.003452 mg/L	Y 371.029
Cd 228.802	0.001392uvb	mg/L	0.000343	24.7	16.8866	0.001392 mg/L	Y 371.029
Co 228.615	-0.088711uvb	mg/L	0.000293	0.3	1.70599	-0.088711 mg/L	Y 371.029
Co 230.786	-0.097317b	mg/L	0.000931	1.0	49.0996	-0.097317 mg/L	Y 371.029
Co 238.892	0.022356uvb	mg/L	0.009705	43.4	-1255.03	0.022356 mg/L	Y 371.029
Cr 205.560	-0.035550uvb	mg/L	0.000115	0.3	2.80686	-0.035550 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000504	1.4	3.57841	uncal mg/L	Y 371.029
Cr 267.716	-0.033730b	mg/L	0.000295	0.9	35.6346	-0.033730 mg/L	Y 371.029
Cu 213.598	-0.062839b	mg/L	0.002393	3.8	249.965	-0.062839 mg/L	Y 371.029
Cu 324.754	-0.027208uvb	mg/L	0.000236	0.9	353.239	-0.027208 mg/L	Y 371.029
Cu 327.395	-0.052620uvb	mg/L	0.000015	0.0	7.40710	-0.052620 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	203.559b	mg/L	0.439414	0.2	1836477	203.559 mg/L	Y 371.029
Fe 238.204	193.273b	mg/L	0.498021	0.3	3718302	193.273 mg/L	Y 371.029
Fe 259.940	196.915b	mg/L	1.18037	0.6	3029357	196.915 mg/L	Y 371.029
Ga 287.423	-0.851670b	mg/L	0.003452	0.4	1931.65	-0.851670 mg/L	Y 371.029
Ga 294.363	-0.025554b	mg/L	0.000431	1.7	66.7393	-0.025554 mg/L	Y 371.029
Ga 417.204	-0.004027b	mg/L	0.001264	31.4	693.469	-0.004027 mg/L	Y 371.029
K 766.491	6.41573b	mg/L	0.007542	0.1	490613	6.41573 mg/L	Y 371.029
K 769.897	6.30030b	mg/L	0.003537	0.1	384512	6.30030 mg/L	Y 371.029
Li 610.365	0.005874b	mg/L	0.000278	4.7	57.5778	0.005874 mg/L	Y 371.029
Li 670.783	0.005795b	mg/L	0.000035	0.6	122253	0.005795 mg/L	Y 371.029
Mg 279.078	45.9198b	mg/L	0.089494	0.2	80667.3	45.9198 mg/L	Y 371.029
Mg 280.270	47.9524b	mg/L	0.113261	0.2	4356416	47.9524 mg/L	Y 371.029
Mg 285.213	47.0193b	mg/L	0.222882	0.5	1667659	47.0193 mg/L	Y 371.029
Mn 257.610	4.43792b	mg/L	0.034983	0.8	674520	4.43792 mg/L	Y 371.029
Mn 259.372	4.43573b	mg/L	0.003118	0.1	540820	4.43573 mg/L	Y 371.029
Mn 260.568	4.53255b	mg/L	0.017689	0.4	90950.1	4.53255 mg/L	Y 371.029
Mo 202.032	-0.263652uvb	mg/L	0.001363	0.5	23.5055	-0.263652 mg/L	Y 371.029
Mo 203.846	-0.276259b	mg/L	0.003447	1.2	19.8410	-0.276259 mg/L	Y 371.029
Mo 204.598	-0.283274b	mg/L	0.001181	0.4	14.0935	-0.283274 mg/L	Y 371.029
Na 568.821	-xb	mg/L	0.843963	0.2	134678	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.55123	2.8	33297610	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.64069	1.7	32514474	- mg/L	Y 371.029
Ni 216.555	-0.171737b	mg/L	0.000607	0.4	87.9767	-0.171737 mg/L	Y 371.029
Ni 221.648	-0.176518b	mg/L	0.000997	0.6	7.34952	-0.176518 mg/L	Y 371.029
Ni 231.604	-0.172010b	mg/L	0.000555	0.3	12.3585	-0.172010 mg/L	Y 371.029
P 177.434	0.615718b	mg/L	0.008849	1.4	107.809	0.615718 mg/L	Y 371.029
P 213.618	0.601052b	mg/L	0.013623	2.3	471.408	0.601052 mg/L	Y 371.029
P 214.914	0.657666b	mg/L	0.010454	1.6	166.036	0.657666 mg/L	Y 371.029
Pb 220.353	-0.003568uvb	mg/L	0.004083	114.4	4.87038	-0.003568 mg/L	Y 371.029
Pb 261.417	0.071147b	mg/L	0.118135	166.0	103.024	0.071147 mg/L	Y 371.029
Pb 405.781	-0.098454uvb	mg/L	0.003959	4.0	28.8874	-0.098454 mg/L	Y 371.029
Sb 206.834	-0.060586uvb	mg/L	0.006246	10.3	11.2926	-0.060586 mg/L	Y 371.029
Sb 231.146	0.076763b	mg/L	0.012963	16.9	25.5940	0.076763 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.122100	29.4	130.358	uncal mg/L	Y 371.029
Se 196.026	0.018987uvb	mg/L	0.001015	5.3	4.33632	0.018987 mg/L	Y 371.029
Se 203.985	0.078596b	mg/L	0.013696	17.4	6.15436	0.078596 mg/L	Y 371.029
Si 250.690	19.7411b	mg/L	0.030637	0.2	26352.5	19.7411 mg/L	Y 371.029
Si 251.611	19.3838b	mg/L	0.028754	0.1	30418.9	19.3838 mg/L	Y 371.029
Si 288.158	18.4946b	mg/L	0.098138	0.5	145991	18.4946 mg/L	Y 371.029
Sn 189.927	-0.015414uvb	mg/L	0.000147	1.0	2.85441	-0.015414 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.001304	2.0	11.8465	uncal mg/L	Y 371.029
Sr 216.596	0.233457b	mg/L	0.000089	0.0	2678.41	0.233457 mg/L	Y 371.029
Sr 407.771	0.236588b	mg/L	0.002234	0.9	589131	0.236588 mg/L	Y 371.029
Sr 421.552	0.236700b	mg/L	0.001523	0.6	372233	0.236700 mg/L	Y 371.029
Ti 334.941	-0.010472b	mg/L	0.000161	1.5	151.277	-0.010472 mg/L	Y 371.029
Ti 336.122	-0.010431uvb	mg/L	0.000097	0.9	39.2777	-0.010431 mg/L	Y 371.029
Ti 337.280	-0.011019b	mg/L	0.000223	2.0	17.3492	-0.011019 mg/L	Y 371.029
Tl 190.794	0.002021b	mg/L	0.001931	95.6	3.54196	0.002021 mg/L	Y 371.029
Tl 190.807	-0.000271uvb	mg/L	0.006176	2281.2	2.52078	-0.000271 mg/L	Y 371.029
Tl 351.923	0.019858uvb	mg/L	0.001414	7.1	10.7704	0.019858 mg/L	Y 371.029
V 268.796	-0.062253b	mg/L	0.000989	1.6	59.7944	-0.062253 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	-0.035567b	mg/L	0.000591	1.7	55.2751	-0.035567 mg/L	Y 371.029
V 311.837	-0.028700b	mg/L	0.000128	0.4	18.8155	-0.028700 mg/L	Y 371.029
Zn 202.548	-0.063890b	mg/L	0.000854	1.3	807.870	-0.063890 mg/L	Y 371.029
Zn 206.200	-0.060604b	mg/L	0.000920	1.5	259.921	-0.060604 mg/L	Y 371.029
Zn 213.857	-0.059098b	mg/L	0.000808	1.4	1699.50	-0.059098 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21443	9738.29	69.004	0.7
Y 371.029	0.862346	142207	694.653	0.5

SEQ-CCV7 (Samp) **4/7/2011, 10:27:40 AM** **Rack 3, Tube 9**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.081982	mg/L	0.000745	0.9	5490.10	0.081982 mg/L	Y 371.029
Ag 338.289	0.083919	mg/L	0.001280	1.5	278.092	0.083919 mg/L	Y 371.029
Al 237.312	2.53719	mg/L	0.006927	0.3	3385.63	2.53719 mg/L	Y 371.029
Al 257.509	2.52952	mg/L	0.003474	0.1	1537.62	2.52952 mg/L	Y 371.029
Al 308.215	2.50307	mg/L	0.003674	0.1	15990.2	2.50307 mg/L	Y 371.029
As 188.980	0.499726	mg/L	0.005067	1.0	198.044	0.499726 mg/L	Y 371.029
As 193.696	0.490072	mg/L	0.001536	0.3	219.463	0.490072 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006842	1.2	673.262	uncal mg/L	Y 371.029
B 182.577	0.507659	mg/L	0.004132	0.8	263.774	0.507659 mg/L	Y 371.029
B 249.678	0.471229	mg/L	0.006536	1.4	4277.09	0.471229 mg/L	Y 371.029
B 249.772	0.480011	mg/L	0.009867	2.1	9060.15	0.480011 mg/L	Y 371.029
Ba 233.527	0.486614	mg/L	0.002338	0.5	19957.5	0.486614 mg/L	Y 371.029
Ba 455.403	0.509868	mg/L	0.001080	0.2	456913	0.509868 mg/L	Y 371.029
Ba 493.408	0.496495	mg/L	0.000578	0.1	267220	0.496495 mg/L	Y 371.029
Be 234.861	0.491928	mg/L	0.001658	0.3	57257.4	0.491928 mg/L	Y 371.029
Be 313.042	0.487064	mg/L	0.005050	1.0	817172	0.487064 mg/L	Y 371.029
Be 313.107	0.481673	mg/L	0.004637	1.0	389855	0.481673 mg/L	Y 371.029
Ca 393.366	4.79800n	mg/L	0.023115	0.5	6173512	4.79800 mg/L	Y 371.029
Ca 396.847	4.40222	mg/L	0.015969	0.4	8727581	4.40222 mg/L	Y 371.029
Ca 430.253	5.04014	mg/L	0.004052	0.1	23939.7	5.04014 mg/L	Y 371.029
Cd 214.439	0.258272	mg/L	0.000078	0.0	5657.29	0.258272 mg/L	Y 371.029
Cd 226.502	0.247162	mg/L	0.000535	0.2	9818.29	0.247162 mg/L	Y 371.029
Cd 228.802	0.253186	mg/L	0.000725	0.3	3875.43	0.253186 mg/L	Y 371.029
Co 228.615	0.507504	mg/L	0.003223	0.6	4908.86	0.507504 mg/L	Y 371.029
Co 230.786	0.500844	mg/L	0.001490	0.3	3271.13	0.500844 mg/L	Y 371.029
Co 238.892	0.501040	mg/L	0.002353	0.5	3013.11	0.501040 mg/L	Y 371.029
Cr 205.560	0.504775	mg/L	0.002985	0.6	2168.77	0.504775 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.003579	0.7	888.320	uncal mg/L	Y 371.029
Cr 267.716	0.489496	mg/L	0.002280	0.5	10877.7	0.489496 mg/L	Y 371.029
Cu 213.598	0.512840	mg/L	0.003289	0.6	2236.80	0.512840 mg/L	Y 371.029
Cu 324.754	0.512615	mg/L	0.001168	0.2	17635.5	0.512615 mg/L	Y 371.029
Cu 327.395	0.504549	mg/L	0.001129	0.2	21607.0	0.504549 mg/L	Y 371.029
Fe 234.350	0.522007	mg/L	0.002840	0.5	5018.10	0.522007 mg/L	Y 371.029
Fe 238.204	0.523584	mg/L	0.005474	1.0	10472.4	0.523584 mg/L	Y 371.029
Fe 259.940	0.518633	mg/L	0.006675	1.3	8283.43	0.518633 mg/L	Y 371.029
Ga 287.423	0.505988	mg/L	0.002149	0.4	1221.89	0.505988 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.495598	mg/L	0.000582	0.1	3194.78	0.495598 mg/L	Y 371.029
Ga 417.204	0.515387	mg/L	0.000536	0.1	5219.65	0.515387 mg/L	Y 371.029
K 766.491	5.36257	mg/L	0.006372	0.1	407774	5.36257 mg/L	Y 371.029
K 769.897	5.27536	mg/L	0.004059	0.1	318820	5.27536 mg/L	Y 371.029
Li 610.365	1.06003	mg/L	0.002584	0.2	50912.6	1.06003 mg/L	Y 371.029
Li 670.783	0.999625	mg/L	0.001368	0.1	3801475	0.999625 mg/L	Y 371.029
Mg 279.078	4.97349	mg/L	0.002571	0.1	8741.51	4.97349 mg/L	Y 371.029
Mg 280.270	5.89955	mg/L	0.013438	0.2	536388	5.89955 mg/L	Y 371.029
Mg 285.213	5.19381	mg/L	0.026869	0.5	184283	5.19381 mg/L	Y 371.029
Mn 257.610	0.498545	mg/L	0.000830	0.2	76605.8	0.498545 mg/L	Y 371.029
Mn 259.372	0.494157	mg/L	0.000652	0.1	56907.7	0.494157 mg/L	Y 371.029
Mn 260.568	0.499301	mg/L	0.003276	0.7	10025.3	0.499301 mg/L	Y 371.029
Mo 202.032	1.02393	mg/L	0.016828	1.6	3665.36	1.02393 mg/L	Y 371.029
Mo 203.846	1.04063	mg/L	0.009742	0.9	1483.89	1.04063 mg/L	Y 371.029
Mo 204.598	1.01805	mg/L	0.015333	1.5	1746.07	1.01805 mg/L	Y 371.029
Na 568.821	5.03608	mg/L	0.093613	1.9	1510.88	5.03608 mg/L	Y 371.029
Na 588.995	5.54548	mg/L	0.044721	0.8	3643478	5.54548 mg/L	Y 371.029
Na 589.592	5.25155	mg/L	0.001798	0.0	1829066	5.25155 mg/L	Y 371.029
Ni 216.555	1.00519	mg/L	0.001459	0.1	5766.25	1.00519 mg/L	Y 371.029
Ni 221.648	1.01236	mg/L	0.002641	0.3	2300.26	1.01236 mg/L	Y 371.029
Ni 231.604	1.00848	mg/L	0.002090	0.2	3728.58	1.00848 mg/L	Y 371.029
P 177.434	0.503313	mg/L	0.006623	1.3	85.5784	0.503313 mg/L	Y 371.029
P 213.618	0.518754	mg/L	0.008683	1.7	377.827	0.518754 mg/L	Y 371.029
P 214.914	0.516663	mg/L	0.013369	2.6	114.996	0.516663 mg/L	Y 371.029
Pb 220.353	1.01548	mg/L	0.002084	0.2	1327.52	1.01548 mg/L	Y 371.029
Pb 261.417	1.01166	mg/L	0.004061	0.4	561.026	1.01166 mg/L	Y 371.029
Pb 405.781	1.02901	mg/L	0.001987	0.2	1471.41	1.02901 mg/L	Y 371.029
Sb 206.834	0.837170	mg/L	0.008893	1.1	549.181	0.837170 mg/L	Y 371.029
Sb 231.146	0.877887	mg/L	0.013001	1.5	429.808	0.877887 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.001650	0.2	365.312	uncal mg/L	Y 371.029
Se 196.026	0.977568	mg/L	0.032042	3.3	321.024	0.977568 mg/L	Y 371.029
Se 203.985	1.00865	mg/L	0.049552	4.9	191.239	1.00865 mg/L	Y 371.029
Si 250.690	1.00314	mg/L	0.009390	0.9	1382.88	1.00314 mg/L	Y 371.029
Si 251.611	0.989432	mg/L	0.008556	0.9	1597.84	0.989432 mg/L	Y 371.029
Si 288.158	0.957657	mg/L	0.002530	0.3	8398.17	0.957657 mg/L	Y 371.029
Sn 189.927	0.964853	mg/L	0.008211	0.9	298.053	0.964853 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004474	0.4	2092.36	uncal mg/L	Y 371.029
Sr 216.596	0.515307	mg/L	0.000744	0.1	4940.05	0.515307 mg/L	Y 371.029
Sr 407.771	0.481579	mg/L	0.006078	1.3	1188540	0.481579 mg/L	Y 371.029
Sr 421.552	0.472985	mg/L	0.007883	1.7	736630	0.472985 mg/L	Y 371.029
Ti 334.941	0.478555	mg/L	0.002409	0.5	97385.9	0.478555 mg/L	Y 371.029
Ti 336.122	0.484745	mg/L	0.002031	0.4	42124.9	0.484745 mg/L	Y 371.029
Ti 337.280	0.494579	mg/L	0.003233	0.7	14851.0	0.494579 mg/L	Y 371.029
Tl 190.794	0.497156	mg/L	0.005561	1.1	188.607	0.497156 mg/L	Y 371.029
Tl 190.807	0.501513	mg/L	0.005043	1.0	102.058	0.501513 mg/L	Y 371.029
Tl 351.923	0.477578	mg/L	0.005248	1.1	684.999	0.477578 mg/L	Y 371.029
V 268.796	0.518254	mg/L	0.004713	0.9	5429.14	0.518254 mg/L	Y 371.029
V 292.401	0.511435	mg/L	0.000881	0.2	16759.3	0.511435 mg/L	Y 371.029
V 311.837	0.515271	mg/L	0.001445	0.3	22959.1	0.515271 mg/L	Y 371.029
Zn 202.548	0.516609	mg/L	0.001036	0.2	6308.66	0.516609 mg/L	Y 371.029
Zn 206.200	0.515011	mg/L	0.004435	0.9	1964.43	0.515011 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.507612	mg/L	0.004592	0.9	10401.0	0.507612 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.20768	9684.13	26.251	0.3
Y 371.029	0.858259	141533	414.513	0.3

SEQ-CCB7 (Samp) **4/7/2011, 10:31:52 AM** **Rack 3, Tube 10**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015357uv	mg/L	0.000169	1.1	744.163	-0.015357 mg/L	Y 371.029
Ag 338.289	-0.010096uv	mg/L	0.000851	8.4	1.78860	-0.010096 mg/L	Y 371.029
Al 237.312	0.003497uv	mg/L	0.003700	105.8	65.2956	0.003497 mg/L	Y 371.029
Al 257.509	0.007881	mg/L	0.008673	110.1	18.1787	0.007881 mg/L	Y 371.029
Al 308.215	-0.008599uv	mg/L	0.000505	5.9	901.111	-0.008599 mg/L	Y 371.029
As 188.980	0.009868	mg/L	0.003102	31.4	9.22177	0.009868 mg/L	Y 371.029
As 193.696	0.006948	mg/L	0.004182	60.2	4.13889	0.006948 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001031	37.0	17.7376	uncal mg/L	Y 371.029
B 182.577	0.006840	mg/L	0.002143	31.3	8.21129	0.006840 mg/L	Y 371.029
B 249.678	0.007216	mg/L	0.001015	14.1	86.3387	0.007216 mg/L	Y 371.029
B 249.772	0.007362	mg/L	0.002116	28.7	186.246	0.007362 mg/L	Y 371.029
Ba 233.527	-0.000056uv	mg/L	0.000090	159.8	193.282	-0.000056 mg/L	Y 371.029
Ba 455.403	0.000128	mg/L	0.000014	11.1	4199.45	0.000128 mg/L	Y 371.029
Ba 493.408	-0.000032uv	mg/L	0.000049	150.7	2494.20	-0.000032 mg/L	Y 371.029
Be 234.861	0.000122	mg/L	0.000009	7.5	1.60537	0.000122 mg/L	Y 371.029
Be 313.042	0.000209	mg/L	0.000008	3.9	1660.45	0.000209 mg/L	Y 371.029
Be 313.107	0.000025	mg/L	0.000014	57.5	92.1657	0.000025 mg/L	Y 371.029
Ca 393.366	-0.002544nuv	mg/L	0.000098	3.9	16912.5	-0.002544 mg/L	Y 371.029
Ca 396.847	-0.001849uv	mg/L	0.000109	5.9	23318.0	-0.001849 mg/L	Y 371.029
Ca 430.253	-0.023775uv	mg/L	0.001928	8.1	1264.18	-0.023775 mg/L	Y 371.029
Cd 214.439	0.000235	mg/L	0.000041	17.6	3.48697	0.000235 mg/L	Y 371.029
Cd 226.502	0.000107	mg/L	0.000054	50.7	22.1655	0.000107 mg/L	Y 371.029
Cd 228.802	0.000093uv	mg/L	0.000248	265.7	24.7811	0.000093 mg/L	Y 371.029
Co 228.615	-0.000022uv	mg/L	0.000430	1991.4	12.0886	-0.000022 mg/L	Y 371.029
Co 230.786	0.000007uv	mg/L	0.000491	7296.7	8.55885	0.000007 mg/L	Y 371.029
Co 238.892	0.000395	mg/L	0.000176	44.4	9.15166	0.000395 mg/L	Y 371.029
Cr 205.560	-0.000248uv	mg/L	0.000588	237.4	5.15003	-0.000248 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000356	91.7	1.10297	uncal mg/L	Y 371.029
Cr 267.716	0.000009uv	mg/L	0.000070	802.8	22.8983	0.000009 mg/L	Y 371.029
Cu 213.598	-0.000045uv	mg/L	0.000289	635.5	2.49548	-0.000045 mg/L	Y 371.029
Cu 324.754	0.000237	mg/L	0.000084	35.6	590.967	0.000237 mg/L	Y 371.029
Cu 327.395	0.000866	mg/L	0.000190	22.0	60.8908	0.000866 mg/L	Y 371.029
Fe 234.350	0.005780	mg/L	0.001855	32.1	66.1344	0.005780 mg/L	Y 371.029
Fe 238.204	0.005768	mg/L	0.001865	32.3	135.874	0.005768 mg/L	Y 371.029
Fe 259.940	0.006733	mg/L	0.002093	31.1	147.114	0.006733 mg/L	Y 371.029
Ga 287.423	0.000717	mg/L	0.000491	68.4	14.2818	0.000717 mg/L	Y 371.029
Ga 294.363	0.002160	mg/L	0.000691	32.0	36.2558	0.002160 mg/L	Y 371.029
Ga 417.204	0.001460uv	mg/L	0.002862	196.0	93.5601	0.001460 mg/L	Y 371.029
K 766.491	0.001227	mg/L	0.000225	18.3	2336.22	0.001227 mg/L	Y 371.029
K 769.897	0.007059	mg/L	0.002968	42.1	13302.8	0.007059 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.005025	mg/L	0.000396	7.9	16.6101	0.005025 mg/L	Y 371.029
Li 670.783	0.001041	mg/L	0.000051	4.9	75683.8	0.001041 mg/L	Y 371.029
Mg 279.078	-0.000791uv	mg/L	0.001448	183.0	13.5767	-0.000791 mg/L	Y 371.029
Mg 280.270	-0.001361uv	mg/L	0.000112	8.2	352.739	-0.001361 mg/L	Y 371.029
Mg 285.213	0.000512	mg/L	0.000108	21.1	98.7286	0.000512 mg/L	Y 371.029
Mn 257.610	-0.000041uv	mg/L	0.000024	59.2	1.27096	-0.000041 mg/L	Y 371.029
Mn 259.372	0.000062	mg/L	0.000045	72.5	64.6697	0.000062 mg/L	Y 371.029
Mn 260.568	0.000163	mg/L	0.000142	87.4	7.29822	0.000163 mg/L	Y 371.029
Mo 202.032	0.024705	mg/L	0.002578	10.4	110.651	0.024705 mg/L	Y 371.029
Mo 203.846	0.024179	mg/L	0.004461	18.5	40.7614	0.024179 mg/L	Y 371.029
Mo 204.598	0.025626	mg/L	0.002127	8.3	43.6378	0.025626 mg/L	Y 371.029
Na 568.821	0.364647	mg/L	0.039005	10.7	217.306	0.364647 mg/L	Y 371.029
Na 588.995	-0.143513uv	mg/L	0.001894	1.3	219188	-0.143513 mg/L	Y 371.029
Na 589.592	-0.006380uv	mg/L	0.000240	3.8	76936.5	-0.006380 mg/L	Y 371.029
Ni 216.555	0.000397	mg/L	0.000226	57.0	4.44365	0.000397 mg/L	Y 371.029
Ni 221.648	-0.000053uv	mg/L	0.000655	1231.3	2.54299	-0.000053 mg/L	Y 371.029
Ni 231.604	-0.000936uv	mg/L	0.000327	34.9	4.56533	-0.000936 mg/L	Y 371.029
P 177.434	-0.003949uv	mg/L	0.005213	132.0	1.27715	-0.003949 mg/L	Y 371.029
P 213.618	-0.001588uv	mg/L	0.000216	13.6	-0.262522	-0.001588 mg/L	Y 371.029
P 214.914	0.006292uv	mg/L	0.008752	139.1	3.34440	0.006292 mg/L	Y 371.029
Pb 220.353	0.001781	mg/L	0.000816	45.8	6.40853	0.001781 mg/L	Y 371.029
Pb 261.417	0.014677	mg/L	0.000429	2.9	28.9306	0.014677 mg/L	Y 371.029
Pb 405.781	0.015547	mg/L	0.005882	37.8	57.6819	0.015547 mg/L	Y 371.029
Sb 206.834	0.040239	mg/L	0.001876	4.7	34.7774	0.040239 mg/L	Y 371.029
Sb 231.146	0.049154	mg/L	0.008934	18.2	28.7089	0.049154 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.009166	19.2	25.4477	uncal mg/L	Y 371.029
Se 196.026	0.010053	mg/L	0.003579	35.6	9.21117	0.010053 mg/L	Y 371.029
Se 203.985	0.011489	mg/L	0.010025	87.3	5.22319	0.011489 mg/L	Y 371.029
Si 250.690	-0.014546uv	mg/L	0.002969	20.4	22.6952	-0.014546 mg/L	Y 371.029
Si 251.611	-0.002930uv	mg/L	0.000492	16.8	19.8458	-0.002930 mg/L	Y 371.029
Si 288.158	-0.001448uv	mg/L	0.000617	42.6	872.251	-0.001448 mg/L	Y 371.029
Sn 189.927	0.000422uv	mg/L	0.002686	636.5	3.53265	0.000422 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.002749	175.4	28.2154	uncal mg/L	Y 371.029
Sr 216.596	-0.000007uv	mg/L	0.000236	3466.6	20.8637	-0.000007 mg/L	Y 371.029
Sr 407.771	-0.000019uv	mg/L	0.000002	12.0	5434.90	-0.000019 mg/L	Y 371.029
Sr 421.552	-0.000041uv	mg/L	0.000008	19.7	3091.63	-0.000041 mg/L	Y 371.029
Ti 334.941	0.000793	mg/L	0.000218	27.5	266.062	0.000793 mg/L	Y 371.029
Ti 336.122	0.000712	mg/L	0.000181	25.4	104.762	0.000712 mg/L	Y 371.029
Ti 337.280	0.000658	mg/L	0.000132	20.1	16.4186	0.000658 mg/L	Y 371.029
Tl 190.794	0.004534	mg/L	0.001679	37.0	2.24310	0.004534 mg/L	Y 371.029
Tl 190.807	0.000340uv	mg/L	0.005849	1718.7	1.50913	0.000340 mg/L	Y 371.029
Tl 351.923	0.000933uv	mg/L	0.005457	584.8	17.4478	0.000933 mg/L	Y 371.029
V 268.796	0.001720	mg/L	0.000252	14.6	73.4717	0.001720 mg/L	Y 371.029
V 292.401	0.000084uv	mg/L	0.000252	298.7	32.2986	0.000084 mg/L	Y 371.029
V 311.837	0.001343	mg/L	0.000315	23.5	26.9367	0.001343 mg/L	Y 371.029
Zn 202.548	0.003094	mg/L	0.000907	29.3	786.260	0.003094 mg/L	Y 371.029
Zn 206.200	0.002504	mg/L	0.000369	14.7	246.175	0.002504 mg/L	Y 371.029
Zn 213.857	0.002756	mg/L	0.000949	34.4	1299.06	0.002756 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24856	10011.9	56.814	0.6
Y 371.029	0.889901	146751	859.382	0.6

11C1255-10 (Samp) **4/7/2011, 10:34:52 AM** **Rack 3, Tube 11**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.043126uvb	mg/L	0.000328	0.8	646.467	-0.043126 mg/L	Y 371.029
Ag 338.289	-0.009291uvb	mg/L	0.001652	17.8	3.15096	-0.009291 mg/L	Y 371.029
Al 237.312	-0.047876b	mg/L	0.006020	12.6	89.9444	-0.047876 mg/L	Y 371.029
Al 257.509	-0.032518b	mg/L	0.011337	34.9	33.7984	-0.032518 mg/L	Y 371.029
Al 308.215	0.187386b	mg/L	0.001493	0.8	1044.09	0.187386 mg/L	Y 371.029
As 188.980	0.040613b	mg/L	0.001152	2.8	8.20935	0.040613 mg/L	Y 371.029
As 193.696	0.033468b	mg/L	0.003441	10.3	3.92637	0.033468 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005298	14.6	16.1738	uncal mg/L	Y 371.029
B 182.577	0.184522b	mg/L	0.006268	3.4	109.996	0.184522 mg/L	Y 371.029
B 249.678	0.153452b	mg/L	0.003971	2.6	1671.02	0.153452 mg/L	Y 371.029
B 249.772	0.170036b	mg/L	0.003840	2.3	3567.04	0.170036 mg/L	Y 371.029
Ba 233.527	0.643464b	mg/L	0.005256	0.8	26684.1	0.643464 mg/L	Y 371.029
Ba 455.403	0.648778b	mg/L	0.001189	0.2	586388	0.648778 mg/L	Y 371.029
Ba 493.408	0.651486b	mg/L	0.000267	0.0	353714	0.651486 mg/L	Y 371.029
Be 234.861	0.000185b	mg/L	0.000026	14.0	4.58093	0.000185 mg/L	Y 371.029
Be 313.042	0.000451b	mg/L	0.000004	1.0	1794.04	0.000451 mg/L	Y 371.029
Be 313.107	0.000002b	mg/L	0.000020	975.2	122.508	0.000002 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.282076	0.8	44025452	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.171243	0.8	41955260	- mg/L	Y 371.029
Ca 430.253	-xb	mg/L	0.334229	0.1	2133684	- mg/L	Y 371.029
Cd 214.439	0.000355b	mg/L	0.000099	28.0	6.62499	0.000355 mg/L	Y 371.029
Cd 226.502	-0.001167uvb	mg/L	0.000115	9.9	22.0871	-0.001167 mg/L	Y 371.029
Cd 228.802	-0.000199uvb	mg/L	0.000136	68.2	15.4366	-0.000199 mg/L	Y 371.029
Co 228.615	0.006761b	mg/L	0.000619	9.2	28.1299	0.006761 mg/L	Y 371.029
Co 230.786	0.003657b	mg/L	0.000237	6.5	20.8009	0.003657 mg/L	Y 371.029
Co 238.892	-0.003376b	mg/L	0.000465	13.8	15.2844	-0.003376 mg/L	Y 371.029
Cr 205.560	0.006339b	mg/L	0.000404	6.4	59.3553	0.006339 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000926	8.5	24.9425	uncal mg/L	Y 371.029
Cr 267.716	0.008863b	mg/L	0.000303	3.4	312.428	0.008863 mg/L	Y 371.029
Cu 213.598	-0.006585b	mg/L	0.000825	12.5	21.6230	-0.006585 mg/L	Y 371.029
Cu 324.754	0.029435b	mg/L	0.000312	1.1	750.105	0.029435 mg/L	Y 371.029
Cu 327.395	-0.000548b	mg/L	0.000201	36.6	193.349	-0.000548 mg/L	Y 371.029
Fe 234.350	-0.022953b	mg/L	0.000734	3.2	645.132	-0.022953 mg/L	Y 371.029
Fe 238.204	-0.042097b	mg/L	0.000613	1.5	1398.99	-0.042097 mg/L	Y 371.029
Fe 259.940	-0.032996b	mg/L	0.000815	2.5	1151.89	-0.032996 mg/L	Y 371.029
Ga 287.423	-0.010469uvb	mg/L	0.001508	14.4	10.0778	-0.010469 mg/L	Y 371.029
Ga 294.363	0.004362uvb	mg/L	0.000635	14.6	24.2659	0.004362 mg/L	Y 371.029
Ga 417.204	0.008631uvb	mg/L	0.000619	7.2	50.7998	0.008631 mg/L	Y 371.029
K 766.491	59.1580b	mg/L	0.053298	0.1	4480029	59.1580 mg/L	Y 371.029
K 769.897	66.7438b	mg/L	0.061263	0.1	3888328	66.7438 mg/L	Y 371.029
Li 610.365	0.086504b	mg/L	0.000727	0.8	3947.35	0.086504 mg/L	Y 371.029
Li 670.783	0.149931b	mg/L	0.000282	0.2	653779	0.149931 mg/L	Y 371.029
Mg 279.078	0.091075b	mg/L	0.000338	0.4	150.154	0.091075 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	0.069677b	mg/L	0.000663	1.0	9137.13	0.069677 mg/L	Y 371.029
Mg 285.213	0.068677b	mg/L	0.000343	0.5	2992.35	0.068677 mg/L	Y 371.029
Mn 257.610	0.000499b	mg/L	0.000020	3.9	102.455	0.000499 mg/L	Y 371.029
Mn 259.372	-0.006010b	mg/L	0.000052	0.9	151.902	-0.006010 mg/L	Y 371.029
Mn 260.568	-0.001224b	mg/L	0.000067	5.5	21.9363	-0.001224 mg/L	Y 371.029
Mo 202.032	-0.341220b	mg/L	0.000957	0.3	60.7730	-0.341220 mg/L	Y 371.029
Mo 203.846	-0.353826b	mg/L	0.001901	0.5	20.8216	-0.353826 mg/L	Y 371.029
Mo 204.598	-0.355665b	mg/L	0.000140	0.0	16.1833	-0.355665 mg/L	Y 371.029
Na 568.821	-xb	mg/L	0.212214	0.0	145483	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.97350	3.7	32362326	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.80860	1.9	31708906	- mg/L	Y 371.029
Ni 216.555	0.000898b	mg/L	0.000514	57.2	12.4594	0.000898 mg/L	Y 371.029
Ni 221.648	0.001117b	mg/L	0.000897	80.3	11.6339	0.001117 mg/L	Y 371.029
Ni 231.604	0.003107b	mg/L	0.000206	6.6	26.2664	0.003107 mg/L	Y 371.029
P 177.434	0.032774b	mg/L	0.003152	9.6	3.84351	0.032774 mg/L	Y 371.029
P 213.618	-0.052511b	mg/L	0.002952	5.6	2.95031	-0.052511 mg/L	Y 371.029
P 214.914	0.010829b	mg/L	0.008704	80.4	5.04059	0.010829 mg/L	Y 371.029
Pb 220.353	-0.006894b	mg/L	0.001378	20.0	5.96051	-0.006894 mg/L	Y 371.029
Pb 261.417	-0.106426uvb	mg/L	0.006666	6.3	22.6615	-0.106426 mg/L	Y 371.029
Pb 405.781	-0.143929b	mg/L	0.005040	3.5	88.7191	-0.143929 mg/L	Y 371.029
Sb 206.834	-0.083169b	mg/L	0.003194	3.8	13.9293	-0.083169 mg/L	Y 371.029
Sb 231.146	-0.109509b	mg/L	0.001809	1.7	10.1198	-0.109509 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.008638	5.1	12.8877	uncal mg/L	Y 371.029
Se 196.026	-0.021407b	mg/L	0.006979	32.6	10.9392	-0.021407 mg/L	Y 371.029
Se 203.985	0.084641uvb	mg/L	0.001803	2.1	3.11550	0.084641 mg/L	Y 371.029
Si 250.690	0.339894b	mg/L	0.008148	2.4	528.282	0.339894 mg/L	Y 371.029
Si 251.611	-0.199326b	mg/L	0.004541	2.3	601.265	-0.199326 mg/L	Y 371.029
Si 288.158	-0.124992b	mg/L	0.005596	4.5	3697.62	-0.124992 mg/L	Y 371.029
Sn 189.927	0.002099uvb	mg/L	0.001475	70.3	3.26281	0.002099 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.007490	12.8	35.2970	uncal mg/L	Y 371.029
Sr 216.596	5.00343b	mg/L	0.032954	0.7	47881.7	5.00343 mg/L	Y 371.029
Sr 407.771	4.41371b	mg/L	0.040368	0.9	10876583	4.41371 mg/L	Y 371.029
Sr 421.552	4.45704b	mg/L	0.042113	0.9	6932601	4.45704 mg/L	Y 371.029
Ti 334.941	-0.001076uvb	mg/L	0.000267	24.9	85.9207	-0.001076 mg/L	Y 371.029
Ti 336.122	-0.000069uvb	mg/L	0.000024	34.3	2.83034	-0.000069 mg/L	Y 371.029
Ti 337.280	-0.003804b	mg/L	0.000314	8.3	13.7537	-0.003804 mg/L	Y 371.029
Tl 190.794	0.029821b	mg/L	0.001172	3.9	1.87327	0.029821 mg/L	Y 371.029
Tl 190.807	0.013928uvb	mg/L	0.004072	29.2	2.19415	0.013928 mg/L	Y 371.029
Tl 351.923	0.026620b	mg/L	0.007936	29.8	59.1196	0.026620 mg/L	Y 371.029
V 268.796	-0.046324b	mg/L	0.000401	0.9	47.7543	-0.046324 mg/L	Y 371.029
V 292.401	-0.000247b	mg/L	0.000096	38.8	66.4274	-0.000247 mg/L	Y 371.029
V 311.837	-0.000357b	mg/L	0.000047	13.1	18.2973	-0.000357 mg/L	Y 371.029
Zn 202.548	-0.082503b	mg/L	0.000716	0.9	801.136	-0.082503 mg/L	Y 371.029
Zn 206.200	-0.083588b	mg/L	0.000145	0.2	250.122	-0.083588 mg/L	Y 371.029
Zn 213.857	-0.079587b	mg/L	0.000553	0.7	1365.49	-0.079587 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.17704	9438.42	67.532	0.7
Y 371.029	0.838038	138198	1082.995	0.8

11C1255-11 (Samp) **4/7/2011, 10:39:05 AM** **Rack 3, Tube 12**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.017074uvb	mg/L	0.000454	2.7	708.301	-0.017074 mg/L	Y 371.029
Ag 338.289	-0.009246uvb	mg/L	0.000907	9.8	-1.84146	-0.009246 mg/L	Y 371.029
Al 237.312	-0.094213uvb	mg/L	0.006066	6.4	60.7500	-0.094213 mg/L	Y 371.029
Al 257.509	-0.024728b	mg/L	0.003595	14.5	18.6163	-0.024728 mg/L	Y 371.029
Al 308.215	0.012967uvb	mg/L	0.001597	12.3	948.329	0.012967 mg/L	Y 371.029
As 188.980	0.030793b	mg/L	0.004729	15.4	11.3435	0.030793 mg/L	Y 371.029
As 193.696	0.019362b	mg/L	0.006330	32.7	6.74663	0.019362 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002886	16.1	15.5905	uncal mg/L	Y 371.029
B 182.577	0.793125b	mg/L	0.011995	1.5	410.664	0.793125 mg/L	Y 371.029
B 249.678	0.657316b	mg/L	0.009066	1.4	5975.71	0.657316 mg/L	Y 371.029
B 249.772	0.664531b	mg/L	0.006939	1.0	12535.4	0.664531 mg/L	Y 371.029
Ba 233.527	0.011783b	mg/L	0.000164	1.4	922.543	0.011783 mg/L	Y 371.029
Ba 455.403	0.013309b	mg/L	0.000087	0.7	20927.1	0.013309 mg/L	Y 371.029
Ba 493.408	0.012308b	mg/L	0.000117	0.9	12327.9	0.012308 mg/L	Y 371.029
Be 234.861	-0.000007b	mg/L	0.000041	593.8	5.69993	-0.000007 mg/L	Y 371.029
Be 313.042	0.000067b	mg/L	0.000004	5.5	1676.38	0.000067 mg/L	Y 371.029
Be 313.107	-0.000150uvb	mg/L	0.000015	9.7	83.8259	-0.000150 mg/L	Y 371.029
Ca 393.366	21.9012nb	mg/L	0.064287	0.3	28206630	21.9012 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.177276	0.9	39382352	- mg/L	Y 371.029
Ca 430.253	28.6988b	mg/L	0.099530	0.3	130750	28.6988 mg/L	Y 371.029
Cd 214.439	0.000688b	mg/L	0.000101	14.7	8.62394	0.000688 mg/L	Y 371.029
Cd 226.502	-0.000112b	mg/L	0.000039	35.0	28.2867	-0.000112 mg/L	Y 371.029
Cd 228.802	0.000472uvb	mg/L	0.000335	71.0	25.3950	0.000472 mg/L	Y 371.029
Co 228.615	0.001649b	mg/L	0.000511	31.0	22.7819	0.001649 mg/L	Y 371.029
Co 230.786	0.001562b	mg/L	0.000609	39.0	26.0166	0.001562 mg/L	Y 371.029
Co 238.892	-0.001983b	mg/L	0.001363	68.7	19.0408	-0.001983 mg/L	Y 371.029
Cr 205.560	0.175105b	mg/L	0.002487	1.4	758.900	0.175105 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001625	0.9	313.288	uncal mg/L	Y 371.029
Cr 267.716	0.172845b	mg/L	0.001033	0.6	3878.58	0.172845 mg/L	Y 371.029
Cu 213.598	-0.000394b	mg/L	0.000304	77.2	35.4343	-0.000394 mg/L	Y 371.029
Cu 324.754	0.013138b	mg/L	0.000434	3.3	881.694	0.013138 mg/L	Y 371.029
Cu 327.395	0.001077b	mg/L	0.000399	37.0	376.995	0.001077 mg/L	Y 371.029
Fe 234.350	0.044171b	mg/L	0.002870	6.5	2111.45	0.044171 mg/L	Y 371.029
Fe 238.204	0.037826b	mg/L	0.000997	2.6	4563.15	0.037826 mg/L	Y 371.029
Fe 259.940	0.119370b	mg/L	0.002218	1.9	2950.40	0.119370 mg/L	Y 371.029
Ga 287.423	-0.007780uvb	mg/L	0.000798	10.3	5.11719	-0.007780 mg/L	Y 371.029
Ga 294.363	0.000557uvb	mg/L	0.000903	162.0	26.3794	0.000557 mg/L	Y 371.029
Ga 417.204	0.005476uvb	mg/L	0.001816	33.2	86.8729	0.005476 mg/L	Y 371.029
K 766.491	70.7402b	mg/L	0.702330	1.0	5350177	70.7402 mg/L	Y 371.029
K 769.897	82.3622b	mg/L	1.20983	1.5	4784818	82.3622 mg/L	Y 371.029
Li 610.365	0.012467b	mg/L	0.000205	1.6	375.655	0.012467 mg/L	Y 371.029
Li 670.783	0.017261b	mg/L	0.000116	0.7	187154	0.017261 mg/L	Y 371.029
Mg 279.078	304.426b	mg/L	1.07633	0.4	534282	304.426 mg/L	Y 371.029
Mg 280.270	149.559b	mg/L	0.763435	0.5	13583320	149.559 mg/L	Y 371.029
Mg 285.213	213.651b	mg/L	1.58275	0.7	7576247	213.651 mg/L	Y 371.029
Mn 257.610	0.007229b	mg/L	0.000010	0.1	1106.58	0.007229 mg/L	Y 371.029
Mn 259.372	-0.024208b	mg/L	0.000035	0.1	1021.49	-0.024208 mg/L	Y 371.029
Mn 260.568	-0.051245b	mg/L	0.000359	0.7	1091.36	-0.051245 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.260930b	mg/L	0.009238	3.5	955.287	0.260930 mg/L	Y 371.029
Mo 203.846	0.270545b	mg/L	0.009932	3.7	387.309	0.270545 mg/L	Y 371.029
Mo 204.598	0.256755b	mg/L	0.008264	3.2	450.928	0.256755 mg/L	Y 371.029
Na 568.821	31.2681b	mg/L	0.048685	0.2	8750.20	31.2681 mg/L	Y 371.029
Na 588.995	29.2720b	mg/L	0.183180	0.6	17922434	29.2720 mg/L	Y 371.029
Na 589.592	30.4445b	mg/L	0.189440	0.6	10227048	30.4445 mg/L	Y 371.029
Ni 216.555	0.000723b	mg/L	0.000267	36.9	20.1682	0.000723 mg/L	Y 371.029
Ni 221.648	-0.000018b	mg/L	0.001979	11248.2	12.2554	-0.000018 mg/L	Y 371.029
Ni 231.604	-0.010283b	mg/L	0.000589	5.7	48.6042	-0.010283 mg/L	Y 371.029
P 177.434	0.082929b	mg/L	0.000832	1.0	16.0262	0.082929 mg/L	Y 371.029
P 213.618	0.076743b	mg/L	0.006234	8.1	66.3645	0.076743 mg/L	Y 371.029
P 214.914	0.094838b	mg/L	0.007478	7.9	28.4199	0.094838 mg/L	Y 371.029
Pb 220.353	-0.002106b	mg/L	0.001134	53.9	8.99723	-0.002106 mg/L	Y 371.029
Pb 261.417	0.035220uvb	mg/L	0.004954	14.1	20.6279	0.035220 mg/L	Y 371.029
Pb 405.781	0.062268b	mg/L	0.003472	5.6	240.298	0.062268 mg/L	Y 371.029
Sb 206.834	-0.004228b	mg/L	0.006057	143.3	14.5575	-0.004228 mg/L	Y 371.029
Sb 231.146	-0.021855b	mg/L	0.006660	30.5	7.98819	-0.021855 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.001916	6.1	4.90386	uncal mg/L	Y 371.029
Se 196.026	0.043438b	mg/L	0.002128	4.9	18.8854	0.043438 mg/L	Y 371.029
Se 203.985	0.070778b	mg/L	0.010306	14.6	13.0907	0.070778 mg/L	Y 371.029
Si 250.690	3.08360b	mg/L	0.021058	0.7	4173.38	3.08360 mg/L	Y 371.029
Si 251.611	2.99623b	mg/L	0.018454	0.6	4799.95	2.99623 mg/L	Y 371.029
Si 288.158	2.91203b	mg/L	0.011089	0.4	23856.2	2.91203 mg/L	Y 371.029
Sn 189.927	-0.005048uvb	mg/L	0.002367	46.9	3.76457	-0.005048 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.005183	72.3	268.023	uncal mg/L	Y 371.029
Sr 216.596	0.123353b	mg/L	0.000171	0.1	1203.50	0.123353 mg/L	Y 371.029
Sr 407.771	0.118978b	mg/L	0.000766	0.6	299949	0.118978 mg/L	Y 371.029
Sr 421.552	0.116509b	mg/L	0.001193	1.0	185402	0.116509 mg/L	Y 371.029
Ti 334.941	-0.000606b	mg/L	0.000240	39.7	201.381	-0.000606 mg/L	Y 371.029
Ti 336.122	-0.000622uvb	mg/L	0.000276	44.5	43.0473	-0.000622 mg/L	Y 371.029
Ti 337.280	-0.001758b	mg/L	0.000313	17.8	20.6564	-0.001758 mg/L	Y 371.029
Tl 190.794	0.002627b	mg/L	0.006668	253.8	2.59378	0.002627 mg/L	Y 371.029
Tl 190.807	0.017998uvb	mg/L	0.004921	27.3	1.41386	0.017998 mg/L	Y 371.029
Tl 351.923	0.011061uvb	mg/L	0.008014	72.5	23.8407	0.011061 mg/L	Y 371.029
V 268.796	0.007601b	mg/L	0.000517	6.8	419.421	0.007601 mg/L	Y 371.029
V 292.401	0.001219b	mg/L	0.000433	35.5	100.212	0.001219 mg/L	Y 371.029
V 311.837	0.003363b	mg/L	0.000211	6.3	75.8663	0.003363 mg/L	Y 371.029
Zn 202.548	-0.008232b	mg/L	0.000926	11.2	1147.56	-0.008232 mg/L	Y 371.029
Zn 206.200	-0.005984b	mg/L	0.000629	10.5	413.539	-0.005984 mg/L	Y 371.029
Zn 213.857	-0.003005b	mg/L	0.001002	33.3	2240.31	-0.003005 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23800	9927.27	51.871	0.5
Y 371.029	0.883003	145613	892.145	0.6

11C1255-12 (Samp) **4/7/2011, 10:43:18 AM** **Rack 3, Tube 13**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.020190uvb	mg/L	0.000395	2.0	681.284	-0.020190 mg/L	Y 371.029
Ag 338.289	-0.010038uvb	mg/L	0.002202	21.9	2.06552	-0.010038 mg/L	Y 371.029
Al 237.312	1.71503b	mg/L	0.003837	0.2	2336.77	1.71503 mg/L	Y 371.029
Al 257.509	1.76842b	mg/L	0.003038	0.2	1098.12	1.76842 mg/L	Y 371.029
Al 308.215	1.75045b	mg/L	0.006494	0.4	11236.7	1.75045 mg/L	Y 371.029
As 188.980	0.017531b	mg/L	0.001546	8.8	7.78564	0.017531 mg/L	Y 371.029
As 193.696	0.007926uvb	mg/L	0.006135	77.4	1.60875	0.007926 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003645	89.6	11.1367	uncal mg/L	Y 371.029
B 182.577	0.100815b	mg/L	0.004128	4.1	57.0919	0.100815 mg/L	Y 371.029
B 249.678	0.008457b	mg/L	0.002772	32.8	134.991	0.008457 mg/L	Y 371.029
B 249.772	0.017013b	mg/L	0.001791	10.5	661.518	0.017013 mg/L	Y 371.029
Ba 233.527	0.013437b	mg/L	0.000021	0.2	827.603	0.013437 mg/L	Y 371.029
Ba 455.403	0.014701b	mg/L	0.000028	0.2	18455.6	0.014701 mg/L	Y 371.029
Ba 493.408	0.013795b	mg/L	0.000030	0.2	10853.9	0.013795 mg/L	Y 371.029
Be 234.861	0.003851b	mg/L	0.000039	1.0	350.677	0.003851 mg/L	Y 371.029
Be 313.042	0.004537b	mg/L	0.000009	0.2	8930.25	0.004537 mg/L	Y 371.029
Be 313.107	0.004248b	mg/L	0.000013	0.3	3546.29	0.004248 mg/L	Y 371.029
Ca 393.366	16.3719nb	mg/L	0.036662	0.2	21039262	16.3719 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.132248	0.8	32080682	- mg/L	Y 371.029
Ca 430.253	19.8309b	mg/L	0.073507	0.4	90652.6	19.8309 mg/L	Y 371.029
Cd 214.439	0.001686b	mg/L	0.000083	4.9	37.3497	0.001686 mg/L	Y 371.029
Cd 226.502	0.001255b	mg/L	0.000016	1.3	119.439	0.001255 mg/L	Y 371.029
Cd 228.802	0.000535b	mg/L	0.000176	32.9	27.6866	0.000535 mg/L	Y 371.029
Co 228.615	0.254432b	mg/L	0.000718	0.3	2533.81	0.254432 mg/L	Y 371.029
Co 230.786	0.249220b	mg/L	0.000994	0.4	1689.47	0.249220 mg/L	Y 371.029
Co 238.892	0.227768b	mg/L	0.002876	1.3	1272.21	0.227768 mg/L	Y 371.029
Cr 205.560	-0.003342b	mg/L	0.000077	2.3	8.92439	-0.003342 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000433	10.9	2.72878	uncal mg/L	Y 371.029
Cr 267.716	-0.003463b	mg/L	0.000150	4.3	33.8069	-0.003463 mg/L	Y 371.029
Cu 213.598	-0.007489b	mg/L	0.000558	7.4	25.6403	-0.007489 mg/L	Y 371.029
Cu 324.754	0.003635b	mg/L	0.000159	4.4	634.289	0.003635 mg/L	Y 371.029
Cu 327.395	-0.004539b	mg/L	0.000129	2.9	97.9690	-0.004539 mg/L	Y 371.029
Fe 234.350	16.0996b	mg/L	0.127572	0.8	145855	16.0996 mg/L	Y 371.029
Fe 238.204	16.3006b	mg/L	0.064718	0.4	314872	16.3006 mg/L	Y 371.029
Fe 259.940	16.3215b	mg/L	0.110762	0.7	251665	16.3215 mg/L	Y 371.029
Ga 287.423	-0.079732b	mg/L	0.000214	0.3	142.618	-0.079732 mg/L	Y 371.029
Ga 294.363	-0.002270b	mg/L	0.000921	40.6	30.6072	-0.002270 mg/L	Y 371.029
Ga 417.204	0.000389b	mg/L	0.001469	377.8	131.612	0.000389 mg/L	Y 371.029
K 766.491	0.992457b	mg/L	0.003521	0.4	78424.0	0.992457 mg/L	Y 371.029
K 769.897	0.945658b	mg/L	0.003764	0.4	69521.8	0.945658 mg/L	Y 371.029
Li 610.365	0.025400b	mg/L	0.000311	1.2	999.581	0.025400 mg/L	Y 371.029
Li 670.783	0.048414b	mg/L	0.000113	0.2	269446	0.048414 mg/L	Y 371.029
Mg 279.078	74.2644b	mg/L	0.238829	0.3	130349	74.2644 mg/L	Y 371.029
Mg 280.270	67.4461b	mg/L	1.11966	1.7	6125897	67.4461 mg/L	Y 371.029
Mg 285.213	72.2963b	mg/L	0.244017	0.3	2563742	72.2963 mg/L	Y 371.029
Mn 257.610	0.583104b	mg/L	0.001702	0.3	89212.6	0.583104 mg/L	Y 371.029
Mn 259.372	0.568529b	mg/L	0.009192	1.6	68476.6	0.568529 mg/L	Y 371.029
Mn 260.568	0.575917b	mg/L	0.006498	1.1	12043.9	0.575917 mg/L	Y 371.029
Mo 202.032	-0.059795b	mg/L	0.001131	1.9	70.1695	-0.059795 mg/L	Y 371.029
Mo 203.846	-0.062056b	mg/L	0.002845	4.6	26.2367	-0.062056 mg/L	Y 371.029
Mo 204.598	-0.064229b	mg/L	0.001575	2.5	25.3681	-0.064229 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	131.663b	mg/L	0.280290	0.2	36042.4	131.663 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.711087	1.2	36356772	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.552799	0.6	30133062	- mg/L	Y 371.029
Ni 216.555	0.361576b	mg/L	0.001410	0.4	2162.02	0.361576 mg/L	Y 371.029
Ni 221.648	0.357786b	mg/L	0.000808	0.2	849.378	0.357786 mg/L	Y 371.029
Ni 231.604	0.367672b	mg/L	0.000813	0.2	1430.85	0.367672 mg/L	Y 371.029
P 177.434	0.003371b	mg/L	0.003949	117.2	2.39055	0.003371 mg/L	Y 371.029
P 213.618	-0.012499b	mg/L	0.003758	30.1	4.12691	-0.012499 mg/L	Y 371.029
P 214.914	0.015961b	mg/L	0.008172	51.2	8.86130	0.015961 mg/L	Y 371.029
Pb 220.353	0.004032b	mg/L	0.002325	57.7	12.3317	0.004032 mg/L	Y 371.029
Pb 261.417	-0.035190uvb	mg/L	0.004104	11.7	11.6222	-0.035190 mg/L	Y 371.029
Pb 405.781	-0.016716b	mg/L	0.009316	55.7	68.6304	-0.016716 mg/L	Y 371.029
Sb 206.834	-0.015420b	mg/L	0.003379	21.9	10.3370	-0.015420 mg/L	Y 371.029
Sb 231.146	0.015437b	mg/L	0.003015	19.5	13.7240	0.015437 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.034346	280.7	31.5489	uncal mg/L	Y 371.029
Se 196.026	-0.000874uvb	mg/L	0.002031	232.4	4.66101	-0.000874 mg/L	Y 371.029
Se 203.985	0.025883uvb	mg/L	0.009582	37.0	4.33978	0.025883 mg/L	Y 371.029
Si 250.690	25.4625b	mg/L	0.109560	0.4	33861.8	25.4625 mg/L	Y 371.029
Si 251.611	25.0465b	mg/L	0.145502	0.6	39152.7	25.0465 mg/L	Y 371.029
Si 288.158	24.2209b	mg/L	0.165292	0.7	190801	24.2209 mg/L	Y 371.029
Sn 189.927	-0.006275uvb	mg/L	0.006266	99.9	2.51260	-0.006275 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003165	10.0	14.9695	uncal mg/L	Y 371.029
Sr 216.596	0.260123b	mg/L	0.000206	0.1	2540.92	0.260123 mg/L	Y 371.029
Sr 407.771	0.243990b	mg/L	0.001070	0.4	606368	0.243990 mg/L	Y 371.029
Sr 421.552	0.245787b	mg/L	0.000805	0.3	385349	0.245787 mg/L	Y 371.029
Ti 334.941	-0.001191b	mg/L	0.000116	9.7	151.726	-0.001191 mg/L	Y 371.029
Ti 336.122	-0.001384uvb	mg/L	0.000070	5.1	39.7572	-0.001384 mg/L	Y 371.029
Ti 337.280	0.000009b	mg/L	0.000434	4982.2	59.7934	0.000009 mg/L	Y 371.029
Tl 190.794	0.008333b	mg/L	0.003268	39.2	3.64719	0.008333 mg/L	Y 371.029
Tl 190.807	0.000532uvb	mg/L	0.000642	120.7	1.01464	0.000532 mg/L	Y 371.029
Tl 351.923	-0.000282uvb	mg/L	0.002703	957.6	7.82099	-0.000282 mg/L	Y 371.029
V 268.796	-0.011853b	mg/L	0.000762	6.4	63.1568	-0.011853 mg/L	Y 371.029
V 292.401	-0.002761b	mg/L	0.000136	4.9	56.8643	-0.002761 mg/L	Y 371.029
V 311.837	-0.000873b	mg/L	0.000343	39.3	36.6735	-0.000873 mg/L	Y 371.029
Zn 202.548	0.677584b	mg/L	0.006310	0.9	8192.96	0.677584 mg/L	Y 371.029
Zn 206.200	0.698237b	mg/L	0.006242	0.9	2661.75	0.698237 mg/L	Y 371.029
Zn 213.857	0.695177b	mg/L	0.003641	0.5	14108.2	0.695177 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.28650	10316.1	21.248	0.2
Y 371.029	0.909515	149985	279.947	0.2

11C1255-13 (Samp) **4/7/2011, 10:47:30 AM** **Rack 3, Tube 14**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.075495uvb	mg/L	0.000798	1.1	780.959	-0.075495 mg/L	Y 371.029
Ag 338.289	-0.010902uvb	mg/L	0.001344	12.3	3.00871	-0.010902 mg/L	Y 371.029
Al 237.312	-0.221341uvb	mg/L	0.003832	1.7	64.6347	-0.221341 mg/L	Y 371.029
Al 257.509	-0.500643uvb	mg/L	0.009483	1.9	17.1653	-0.500643 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.434386b	mg/L	0.005926	1.4	1034.87	0.434386 mg/L	Y 371.029
As 188.980	0.184676b	mg/L	0.003353	1.8	11.1436	0.184676 mg/L	Y 371.029
As 193.696	0.129933b	mg/L	0.004113	3.2	7.79829	0.129933 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.017613	13.2	12.0082	uncal mg/L	Y 371.029
B 182.577	1.10254b	mg/L	0.061420	5.6	567.162	1.10254 mg/L	Y 371.029
B 249.678	0.876731b	mg/L	0.052820	6.0	8329.89	0.876731 mg/L	Y 371.029
B 249.772	0.941474b	mg/L	0.057222	6.1	18379.8	0.941474 mg/L	Y 371.029
Ba 233.527	0.102687b	mg/L	0.005322	5.2	4790.83	0.102687 mg/L	Y 371.029
Ba 455.403	0.109424b	mg/L	0.005811	5.3	103923	0.109424 mg/L	Y 371.029
Ba 493.408	0.102502b	mg/L	0.005502	5.4	60686.3	0.102502 mg/L	Y 371.029
Be 234.861	0.000939b	mg/L	0.000065	6.9	10.6005	0.000939 mg/L	Y 371.029
Be 313.042	0.000593b	mg/L	0.000045	7.6	1873.83	0.000593 mg/L	Y 371.029
Be 313.107	-0.000191b	mg/L	0.000021	11.1	107.990	-0.000191 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	1.31974	3.6	47511612	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.798541	3.5	44898208	- mg/L	Y 371.029
Ca 430.253	99.7468b	mg/L	5.62617	5.6	455449	99.7468 mg/L	Y 371.029
Cd 214.439	0.000375b	mg/L	0.000144	38.5	9.86798	0.000375 mg/L	Y 371.029
Cd 226.502	-0.001638b	mg/L	0.000208	12.7	88.2620	-0.001638 mg/L	Y 371.029
Cd 228.802	0.001260uvb	mg/L	0.000106	8.4	23.2452	0.001260 mg/L	Y 371.029
Co 228.615	0.009473b	mg/L	0.000893	9.4	26.6141	0.009473 mg/L	Y 371.029
Co 230.786	0.005815b	mg/L	0.000671	11.5	26.3455	0.005815 mg/L	Y 371.029
Co 238.892	0.002744uvb	mg/L	0.001655	60.3	8.95107	0.002744 mg/L	Y 371.029
Cr 205.560	-0.010950b	mg/L	0.000515	4.7	9.81449	-0.010950 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000850	5.0	5.11220	uncal mg/L	Y 371.029
Cr 267.716	-0.009342b	mg/L	0.000354	3.8	46.7540	-0.009342 mg/L	Y 371.029
Cu 213.598	-0.054279b	mg/L	0.000988	1.8	33.6216	-0.054279 mg/L	Y 371.029
Cu 324.754	0.063160b	mg/L	0.000761	1.2	668.533	0.063160 mg/L	Y 371.029
Cu 327.395	-0.020836b	mg/L	0.000850	4.1	57.4353	-0.020836 mg/L	Y 371.029
Fe 234.350	21.7359b	mg/L	1.13922	5.2	199388	21.7359 mg/L	Y 371.029
Fe 238.204	22.0344b	mg/L	1.07841	4.9	432154	22.0344 mg/L	Y 371.029
Fe 259.940	22.0480b	mg/L	1.02517	4.6	344041	22.0480 mg/L	Y 371.029
Ga 287.423	-0.142697b	mg/L	0.010355	7.3	196.074	-0.142697 mg/L	Y 371.029
Ga 294.363	-0.035122uvb	mg/L	0.000695	2.0	21.8233	-0.035122 mg/L	Y 371.029
Ga 417.204	-0.017918b	mg/L	0.002557	14.3	146.015	-0.017918 mg/L	Y 371.029
K 766.491	75.0658b	mg/L	3.38050	4.5	5690250	75.0658 mg/L	Y 371.029
K 769.897	86.2448b	mg/L	3.89552	4.5	5039701	86.2448 mg/L	Y 371.029
Li 610.365	0.006150b	mg/L	0.000229	3.7	70.8770	0.006150 mg/L	Y 371.029
Li 670.783	-0.019878b	mg/L	0.000963	4.8	115036	-0.019878 mg/L	Y 371.029
Mg 279.078	247.629b	mg/L	13.3884	5.4	434544	247.629 mg/L	Y 371.029
Mg 280.270	145.366b	mg/L	6.68411	4.6	13205939	145.366 mg/L	Y 371.029
Mg 285.213	188.643b	mg/L	7.56379	4.0	6690843	188.643 mg/L	Y 371.029
Mn 257.610	0.473756b	mg/L	0.024019	5.1	71421.9	0.473756 mg/L	Y 371.029
Mn 259.372	0.414166b	mg/L	0.024980	6.0	55835.0	0.414166 mg/L	Y 371.029
Mn 260.568	0.415798b	mg/L	0.026894	6.5	10098.0	0.415798 mg/L	Y 371.029
Mo 202.032	-1.50340b	mg/L	0.002362	0.2	39.6830	-1.50340 mg/L	Y 371.029
Mo 203.846	-1.55471b	mg/L	0.001216	0.1	20.6928	-1.55471 mg/L	Y 371.029
Mo 204.598	-1.58963b	mg/L	0.001671	0.1	12.4130	-1.58963 mg/L	Y 371.029
Na 568.821	-xb	mg/L	128.599	4.9	710668	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	2.04770	3.7	33424266	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	4.21524	4.1	34271084	- mg/L	Y 371.029
Ni 216.555	-0.014085b	mg/L	0.000790	5.6	20.7325	-0.014085 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.027272b	mg/L	0.001255	4.6	10.7847	-0.027272 mg/L	Y 371.029
Ni 231.604	-0.010201b	mg/L	0.001887	18.5	55.4257	-0.010201 mg/L	Y 371.029
P 177.434	0.093939b	mg/L	0.004582	4.9	4.85597	0.093939 mg/L	Y 371.029
P 213.618	-0.201705b	mg/L	0.004287	2.1	6.98962	-0.201705 mg/L	Y 371.029
P 214.914	0.060712b	mg/L	0.005120	8.4	15.1015	0.060712 mg/L	Y 371.029
Pb 220.353	-0.020150uvb	mg/L	0.000597	3.0	2.20685	-0.020150 mg/L	Y 371.029
Pb 261.417	-0.556857uvb	mg/L	0.013296	2.4	17.9455	-0.556857 mg/L	Y 371.029
Pb 405.781	-0.212776b	mg/L	0.014747	6.9	209.361	-0.212776 mg/L	Y 371.029
Sb 206.834	-0.243446uvb	mg/L	0.005872	2.4	8.56737	-0.243446 mg/L	Y 371.029
Sb 231.146	0.186023b	mg/L	0.001951	1.0	9.10883	0.186023 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.018512	12.4	24.4158	uncal mg/L	Y 371.029
Se 196.026	0.064647b	mg/L	0.003953	6.1	8.65335	0.064647 mg/L	Y 371.029
Se 203.985	0.183242uvb	mg/L	0.004002	2.2	2.84406	0.183242 mg/L	Y 371.029
Si 250.690	6.82950b	mg/L	0.379208	5.6	9340.73	6.82950 mg/L	Y 371.029
Si 251.611	6.54692b	mg/L	0.365584	5.6	10794.5	6.54692 mg/L	Y 371.029
Si 288.158	6.59898b	mg/L	0.333598	5.1	52975.6	6.59898 mg/L	Y 371.029
Sn 189.927	-0.038292uvb	mg/L	0.006291	16.4	4.27518	-0.038292 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.006809	3.9	18.7117	uncal mg/L	Y 371.029
Sr 216.596	1.68022b	mg/L	0.090501	5.4	16104.0	1.68022 mg/L	Y 371.029
Sr 407.771	1.53210b	mg/L	0.078927	5.2	3778655	1.53210 mg/L	Y 371.029
Sr 421.552	1.51631b	mg/L	0.060252	4.0	2361290	1.51631 mg/L	Y 371.029
Ti 334.941	-0.001679uvb	mg/L	0.000155	9.2	85.1314	-0.001679 mg/L	Y 371.029
Ti 336.122	-0.003218uvb	mg/L	0.000338	10.5	31.8361	-0.003218 mg/L	Y 371.029
Ti 337.280	-0.009674b	mg/L	0.000178	1.8	6.18275	-0.009674 mg/L	Y 371.029
Tl 190.794	0.049285b	mg/L	0.002161	4.4	2.79712	0.049285 mg/L	Y 371.029
Tl 190.807	-0.051797uvb	mg/L	0.011833	22.8	2.53717	-0.051797 mg/L	Y 371.029
Tl 351.923	0.105265uvb	mg/L	0.008675	8.2	24.8300	0.105265 mg/L	Y 371.029
V 268.796	-0.211145b	mg/L	0.000947	0.4	54.1927	-0.211145 mg/L	Y 371.029
V 292.401	-0.008285b	mg/L	0.000058	0.7	49.1069	-0.008285 mg/L	Y 371.029
V 311.837	-0.003345b	mg/L	0.000082	2.4	20.8336	-0.003345 mg/L	Y 371.029
Zn 202.548	-0.314110uvb	mg/L	0.003460	1.1	731.732	-0.314110 mg/L	Y 371.029
Zn 206.200	-0.310748b	mg/L	0.001026	0.3	265.217	-0.310748 mg/L	Y 371.029
Zn 213.857	-0.310845b	mg/L	0.001872	0.6	1452.76	-0.310845 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12968	9058.65	310.676	3.4
Y 371.029	0.790327	130330	4616.067	3.5

11C1255-14 (Samp) **4/7/2011, 10:51:43 AM** **Rack 3, Tube 15**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.029898uvb	mg/L	0.000715	2.4	724.608	-0.029898 mg/L	Y 371.029
Ag 338.289	-0.008190uvb	mg/L	0.001090	13.3	6.48465	-0.008190 mg/L	Y 371.029
Al 237.312	0.058328b	mg/L	0.002324	4.0	188.205	0.058328 mg/L	Y 371.029
Al 257.509	0.082318b	mg/L	0.007021	8.5	81.2448	0.082318 mg/L	Y 371.029
Al 308.215	0.173358b	mg/L	0.000756	0.4	1462.33	0.173358 mg/L	Y 371.029
As 188.980	0.039763b	mg/L	0.001954	4.9	14.1206	0.039763 mg/L	Y 371.029
As 193.696	0.030822b	mg/L	0.002562	8.3	8.47508	0.030822 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010687	32.3	24.3478	uncal mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.590797b	mg/L	0.008287	1.4	312.385	0.590797 mg/L	Y 371.029
B 249.678	0.325935b	mg/L	0.002574	0.8	3108.33	0.325935 mg/L	Y 371.029
B 249.772	0.343940b	mg/L	0.002616	0.8	6685.17	0.343940 mg/L	Y 371.029
Ba 233.527	0.004682b	mg/L	0.000056	1.2	606.773	0.004682 mg/L	Y 371.029
Ba 455.403	0.006171b	mg/L	0.000194	3.1	13303.6	0.006171 mg/L	Y 371.029
Ba 493.408	0.005773b	mg/L	0.000040	0.7	7930.44	0.005773 mg/L	Y 371.029
Be 234.861	0.000151b	mg/L	0.000010	6.7	2.07498	0.000151 mg/L	Y 371.029
Be 313.042	0.000347b	mg/L	0.000011	3.3	1731.83	0.000347 mg/L	Y 371.029
Be 313.107	0.000006b	mg/L	0.000010	154.5	102.931	0.000006 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.297143	0.9	43207452	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.222660	1.0	42105084	- mg/L	Y 371.029
Ca 430.253	271.723b	mg/L	1.22600	0.5	1214719	271.723 mg/L	Y 371.029
Cd 214.439	0.000386b	mg/L	0.000066	17.2	6.93394	0.000386 mg/L	Y 371.029
Cd 226.502	-0.000572b	mg/L	0.000107	18.8	23.9024	-0.000572 mg/L	Y 371.029
Cd 228.802	-0.000061uvb	mg/L	0.000170	279.0	20.2339	-0.000061 mg/L	Y 371.029
Co 228.615	0.003182uvb	mg/L	0.000511	16.1	11.7527	0.003182 mg/L	Y 371.029
Co 230.786	0.002372b	mg/L	0.000726	30.6	17.4440	0.002372 mg/L	Y 371.029
Co 238.892	-0.002983uvb	mg/L	0.000198	6.6	4.43788	-0.002983 mg/L	Y 371.029
Cr 205.560	-0.003909uvb	mg/L	0.000202	5.2	4.74297	-0.003909 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000474	75.4	2.60268	uncal mg/L	Y 371.029
Cr 267.716	-0.002187b	mg/L	0.000133	6.1	27.8524	-0.002187 mg/L	Y 371.029
Cu 213.598	-0.003772b	mg/L	0.000116	3.1	18.1946	-0.003772 mg/L	Y 371.029
Cu 324.754	0.015131b	mg/L	0.000265	1.8	643.424	0.015131 mg/L	Y 371.029
Cu 327.395	-0.001300b	mg/L	0.000272	20.9	73.2368	-0.001300 mg/L	Y 371.029
Fe 234.350	0.023903b	mg/L	0.002491	10.4	700.733	0.023903 mg/L	Y 371.029
Fe 238.204	0.014293b	mg/L	0.001969	13.8	1513.84	0.014293 mg/L	Y 371.029
Fe 259.940	0.019671b	mg/L	0.001997	10.1	1241.76	0.019671 mg/L	Y 371.029
Ga 287.423	-0.006491uvb	mg/L	0.001361	21.0	11.8932	-0.006491 mg/L	Y 371.029
Ga 294.363	0.004571b	mg/L	0.000627	13.7	34.7365	0.004571 mg/L	Y 371.029
Ga 417.204	0.006523uvb	mg/L	0.000310	4.7	71.0013	0.006523 mg/L	Y 371.029
K 766.491	-xb	mg/L	0.729834	0.5	10155141	- mg/L	Y 371.029
K 769.897	-xb	mg/L	0.752274	0.5	9632763	- mg/L	Y 371.029
Li 610.365	0.006233b	mg/L	0.000272	4.4	74.8877	0.006233 mg/L	Y 371.029
Li 670.783	0.015077b	mg/L	0.000156	1.0	140348	0.015077 mg/L	Y 371.029
Mg 279.078	0.248382b	mg/L	0.004504	1.8	436.896	0.248382 mg/L	Y 371.029
Mg 280.270	0.281180b	mg/L	0.001921	0.7	27339.6	0.281180 mg/L	Y 371.029
Mg 285.213	0.242415b	mg/L	0.001876	0.8	8935.25	0.242415 mg/L	Y 371.029
Mn 257.610	0.000238b	mg/L	0.000015	6.4	98.5257	0.000238 mg/L	Y 371.029
Mn 259.372	-0.003445b	mg/L	0.000114	3.3	473.011	-0.003445 mg/L	Y 371.029
Mn 260.568	-0.000702b	mg/L	0.000047	6.7	15.4314	-0.000702 mg/L	Y 371.029
Mo 202.032	0.494013b	mg/L	0.025706	5.2	2416.46	0.494013 mg/L	Y 371.029
Mo 203.846	0.493808b	mg/L	0.023832	4.8	970.087	0.493808 mg/L	Y 371.029
Mo 204.598	0.478409b	mg/L	0.029889	6.2	1138.13	0.478409 mg/L	Y 371.029
Na 568.821	-xb	mg/L	1.07085	0.4	73970.3	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.808384	1.2	42575444	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.646780	0.6	36308652	- mg/L	Y 371.029
Ni 216.555	0.027919b	mg/L	0.001227	4.4	165.528	0.027919 mg/L	Y 371.029
Ni 221.648	0.028674b	mg/L	0.002855	10.0	71.2870	0.028674 mg/L	Y 371.029
Ni 231.604	0.028419b	mg/L	0.000771	2.7	117.741	0.028419 mg/L	Y 371.029
P 177.434	0.101556b	mg/L	0.007672	7.6	16.8654	0.101556 mg/L	Y 371.029
P 213.618	0.061288b	mg/L	0.001842	3.0	64.8761	0.061288 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.096261b	mg/L	0.005328	5.5	23.4632	0.096261 mg/L	Y 371.029
Pb 220.353	-0.004434uvb	mg/L	0.000964	21.7	4.43504	-0.004434 mg/L	Y 371.029
Pb 261.417	-0.051792uvb	mg/L	0.005538	10.7	22.4386	-0.051792 mg/L	Y 371.029
Pb 405.781	-0.071141b	mg/L	0.011769	16.5	81.6589	-0.071141 mg/L	Y 371.029
Sb 206.834	-0.049953uvb	mg/L	0.001630	3.3	8.93094	-0.049953 mg/L	Y 371.029
Sb 231.146	-0.064951b	mg/L	0.004198	6.5	10.2494	-0.064951 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.013397	13.8	12.6502	uncal mg/L	Y 371.029
Se 196.026	-0.005340b	mg/L	0.005085	95.2	11.5431	-0.005340 mg/L	Y 371.029
Se 203.985	0.054625uvb	mg/L	0.005483	10.0	4.05716	0.054625 mg/L	Y 371.029
Si 250.690	4.74754b	mg/L	0.022201	0.5	6361.14	4.74754 mg/L	Y 371.029
Si 251.611	4.36279b	mg/L	0.030834	0.7	7352.48	4.36279 mg/L	Y 371.029
Si 288.158	4.21951b	mg/L	0.046570	1.1	36169.0	4.21951 mg/L	Y 371.029
Sn 189.927	0.001318uvb	mg/L	0.001154	87.5	3.17023	0.001318 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.009222	24.4	20.6533	uncal mg/L	Y 371.029
Sr 216.596	0.616742b	mg/L	0.004550	0.7	5980.19	0.616742 mg/L	Y 371.029
Sr 407.771	0.578862b	mg/L	0.001933	0.3	1445657	0.578862 mg/L	Y 371.029
Sr 421.552	0.566124b	mg/L	0.001510	0.3	892559	0.566124 mg/L	Y 371.029
Ti 334.941	-0.000919uvb	mg/L	0.000070	7.6	42.9070	-0.000919 mg/L	Y 371.029
Ti 336.122	-0.000196uvb	mg/L	0.000192	98.1	7.39776	-0.000196 mg/L	Y 371.029
Ti 337.280	-0.002101b	mg/L	0.000261	12.4	9.04980	-0.002101 mg/L	Y 371.029
Tl 190.794	0.016511b	mg/L	0.001367	8.3	1.26061	0.016511 mg/L	Y 371.029
Tl 190.807	0.019463b	mg/L	0.006095	31.3	5.12006	0.019463 mg/L	Y 371.029
Tl 351.923	0.007528b	mg/L	0.005652	75.1	32.3591	0.007528 mg/L	Y 371.029
V 268.796	0.085115b	mg/L	0.005037	5.9	1639.61	0.085115 mg/L	Y 371.029
V 292.401	0.081747b	mg/L	0.000745	0.9	2721.45	0.081747 mg/L	Y 371.029
V 311.837	0.082240b	mg/L	0.000441	0.5	3668.54	0.082240 mg/L	Y 371.029
Zn 202.548	-0.040995b	mg/L	0.000334	0.8	815.483	-0.040995 mg/L	Y 371.029
Zn 206.200	-0.041405b	mg/L	0.000811	2.0	257.223	-0.041405 mg/L	Y 371.029
Zn 213.857	-0.038340b	mg/L	0.000521	1.4	1394.21	-0.038340 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21234	9721.52	80.489	0.8
Y 371.029	0.861092	142000	1165.394	0.8

11C1255-15 (Samp) **4/7/2011, 10:55:55 AM** **Rack 3, Tube 16**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.051251uvb	mg/L	0.000354	0.7	737.593	-0.051251 mg/L	Y 371.029
Ag 338.289	-0.009638uvb	mg/L	0.002684	27.9	5.43529	-0.009638 mg/L	Y 371.029
Al 237.312	-0.111358b	mg/L	0.005200	4.7	71.5612	-0.111358 mg/L	Y 371.029
Al 257.509	-0.257431uvb	mg/L	0.024042	9.3	24.9002	-0.257431 mg/L	Y 371.029
Al 308.215	0.245443b	mg/L	0.002163	0.9	974.897	0.245443 mg/L	Y 371.029
As 188.980	0.112965b	mg/L	0.000405	0.4	13.0702	0.112965 mg/L	Y 371.029
As 193.696	0.075455b	mg/L	0.004675	6.2	5.98541	0.075455 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.017734	20.1	23.6470	uncal mg/L	Y 371.029
B 182.577	0.536484b	mg/L	0.002036	0.4	279.390	0.536484 mg/L	Y 371.029
B 249.678	0.397014b	mg/L	0.005395	1.4	3841.73	0.397014 mg/L	Y 371.029
B 249.772	0.423062b	mg/L	0.002174	0.5	8190.35	0.423062 mg/L	Y 371.029
Ba 233.527	0.110101b	mg/L	0.000688	0.6	4894.77	0.110101 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.114648b	mg/L	0.000232	0.2	107282	0.114648 mg/L	Y 371.029
Ba 493.408	0.109498b	mg/L	0.000215	0.2	62698.7	0.109498 mg/L	Y 371.029
Be 234.861	0.000010b	mg/L	0.000033	317.5	4.50329	0.000010 mg/L	Y 371.029
Be 313.042	0.000455b	mg/L	0.000009	2.1	1768.00	0.000455 mg/L	Y 371.029
Be 313.107	-0.000078b	mg/L	0.000008	10.8	96.4108	-0.000078 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.290201	0.8	45203028	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.171940	0.8	42896948	- mg/L	Y 371.029
Ca 430.253	102.933b	mg/L	0.313978	0.3	465463	102.933 mg/L	Y 371.029
Cd 214.439	0.000306b	mg/L	0.000113	37.0	5.72875	0.000306 mg/L	Y 371.029
Cd 226.502	-0.001088uvb	mg/L	0.000129	11.8	21.5398	-0.001088 mg/L	Y 371.029
Cd 228.802	0.000626uvb	mg/L	0.000653	104.3	24.1844	0.000626 mg/L	Y 371.029
Co 228.615	0.012294b	mg/L	0.000900	7.3	34.1039	0.012294 mg/L	Y 371.029
Co 230.786	0.011293b	mg/L	0.000999	8.8	29.3115	0.011293 mg/L	Y 371.029
Co 238.892	-0.010791b	mg/L	0.001400	13.0	15.4466	-0.010791 mg/L	Y 371.029
Cr 205.560	-0.005489uvb	mg/L	0.000466	8.5	4.29641	-0.005489 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001314	19.0	4.83479	uncal mg/L	Y 371.029
Cr 267.716	-0.003522b	mg/L	0.000134	3.8	34.3560	-0.003522 mg/L	Y 371.029
Cu 213.598	-0.025284b	mg/L	0.000629	2.5	9.86489	-0.025284 mg/L	Y 371.029
Cu 324.754	0.038837b	mg/L	0.000127	0.3	649.975	0.038837 mg/L	Y 371.029
Cu 327.395	-0.008093b	mg/L	0.000072	0.9	30.1129	-0.008093 mg/L	Y 371.029
Fe 234.350	0.079610b	mg/L	0.002427	3.0	2365.07	0.079610 mg/L	Y 371.029
Fe 238.204	0.048375b	mg/L	0.001086	2.2	5138.42	0.048375 mg/L	Y 371.029
Fe 259.940	0.056971b	mg/L	0.002848	5.0	3595.48	0.056971 mg/L	Y 371.029
Ga 287.423	-0.025401uvb	mg/L	0.002312	9.1	10.4877	-0.025401 mg/L	Y 371.029
Ga 294.363	-0.016422uvb	mg/L	0.001396	8.5	25.3791	-0.016422 mg/L	Y 371.029
Ga 417.204	-0.007961uvb	mg/L	0.001338	16.8	89.6200	-0.007961 mg/L	Y 371.029
K 766.491	60.8393b	mg/L	0.196556	0.3	4608847	60.8393 mg/L	Y 371.029
K 769.897	68.7008b	mg/L	0.185514	0.3	4010068	68.7008 mg/L	Y 371.029
Li 610.365	0.006239b	mg/L	0.000113	1.8	75.1677	0.006239 mg/L	Y 371.029
Li 670.783	-0.005333b	mg/L	0.000102	1.9	109374	-0.005333 mg/L	Y 371.029
Mg 279.078	84.5760b	mg/L	0.222567	0.3	148406	84.5760 mg/L	Y 371.029
Mg 280.270	75.1583b	mg/L	0.633580	0.8	6828370	75.1583 mg/L	Y 371.029
Mg 285.213	84.1968b	mg/L	0.803430	1.0	2986542	84.1968 mg/L	Y 371.029
Mn 257.610	0.176627b	mg/L	0.001549	0.9	26467.8	0.176627 mg/L	Y 371.029
Mn 259.372	0.153354b	mg/L	0.001059	0.7	19586.5	0.153354 mg/L	Y 371.029
Mn 260.568	0.169049b	mg/L	0.001213	0.7	4000.83	0.169049 mg/L	Y 371.029
Mo 202.032	-0.828534b	mg/L	0.003282	0.4	117.525	-0.828534 mg/L	Y 371.029
Mo 203.846	-0.859666b	mg/L	0.003620	0.4	45.2813	-0.859666 mg/L	Y 371.029
Mo 204.598	-0.876606b	mg/L	0.002514	0.3	45.3104	-0.876606 mg/L	Y 371.029
Na 568.821	-xb	mg/L	3.27872	0.2	398875	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.430350	0.9	28708288	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.726143	0.7	32617358	- mg/L	Y 371.029
Ni 216.555	0.003699b	mg/L	0.000264	7.1	14.3348	0.003699 mg/L	Y 371.029
Ni 221.648	-0.001396b	mg/L	0.000952	68.2	13.6076	-0.001396 mg/L	Y 371.029
Ni 231.604	0.010025b	mg/L	0.000487	4.9	42.7640	0.010025 mg/L	Y 371.029
P 177.434	0.588261b	mg/L	0.009411	1.6	91.5942	0.588261 mg/L	Y 371.029
P 213.618	0.467112b	mg/L	0.002871	0.6	408.311	0.467112 mg/L	Y 371.029
P 214.914	0.608761b	mg/L	0.019401	3.2	124.500	0.608761 mg/L	Y 371.029
Pb 220.353	-0.009595uvb	mg/L	0.001926	20.1	4.77200	-0.009595 mg/L	Y 371.029
Pb 261.417	-0.317051uvb	mg/L	0.005133	1.6	21.2707	-0.317051 mg/L	Y 371.029
Pb 405.781	-0.140824b	mg/L	0.003440	2.4	103.609	-0.140824 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.141815uvb	mg/L	0.005797	4.1	7.04273	-0.141815 mg/L	Y 371.029
Sb 231.146	0.092251uvb	mg/L	0.009455	10.2	8.47170	0.092251 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.005155	7.2	6.87329	uncal mg/L	Y 371.029
Se 196.026	0.031438b	mg/L	0.005990	19.1	8.26287	0.031438 mg/L	Y 371.029
Se 203.985	0.109922uvb	mg/L	0.017187	15.6	4.49689	0.109922 mg/L	Y 371.029
Si 250.690	9.17995b	mg/L	0.013448	0.1	12346.3	9.17995 mg/L	Y 371.029
Si 251.611	8.90515b	mg/L	0.030733	0.3	14301.7	8.90515 mg/L	Y 371.029
Si 288.158	8.80873b	mg/L	0.048292	0.5	70539.9	8.80873 mg/L	Y 371.029
Sn 189.927	-0.024246uvb	mg/L	0.002373	9.8	2.25255	-0.024246 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.006928	7.0	14.8616	uncal mg/L	Y 371.029
Sr 216.596	1.19573b	mg/L	0.012041	1.0	11447.5	1.19573 mg/L	Y 371.029
Sr 407.771	1.10656b	mg/L	0.004421	0.4	2732196	1.10656 mg/L	Y 371.029
Sr 421.552	1.07878b	mg/L	0.007117	0.7	1681700	1.07878 mg/L	Y 371.029
Ti 334.941	-0.000273uvb	mg/L	0.000194	71.1	90.2927	-0.000273 mg/L	Y 371.029
Ti 336.122	-0.000969uvb	mg/L	0.000396	40.9	41.4787	-0.000969 mg/L	Y 371.029
Ti 337.280	-0.004282b	mg/L	0.000202	4.7	16.4257	-0.004282 mg/L	Y 371.029
Tl 190.794	0.033794b	mg/L	0.004162	12.3	2.94071	0.033794 mg/L	Y 371.029
Tl 190.807	-0.019562uvb	mg/L	0.016252	83.1	4.11479	-0.019562 mg/L	Y 371.029
Tl 351.923	0.059286b	mg/L	0.003314	5.6	26.7235	0.059286 mg/L	Y 371.029
V 268.796	-0.115124b	mg/L	0.000316	0.3	83.0657	-0.115124 mg/L	Y 371.029
V 292.401	-0.002092b	mg/L	0.000582	27.8	51.7839	-0.002092 mg/L	Y 371.029
V 311.837	0.000346b	mg/L	0.000271	78.3	32.4807	0.000346 mg/L	Y 371.029
Zn 202.548	-0.170977uvb	mg/L	0.001741	1.0	750.775	-0.170977 mg/L	Y 371.029
Zn 206.200	-0.166207b	mg/L	0.000600	0.4	258.809	-0.166207 mg/L	Y 371.029
Zn 213.857	-0.165078b	mg/L	0.000302	0.2	1393.17	-0.165078 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.18323	9488.05	73.223	0.8
Y 371.029	0.831917	137189	1110.906	0.8

11C1255-20 (Samp) **4/7/2011, 11:00:03 AM** **Rack 3, Tube 17**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.077694uvb	mg/L	0.000253	0.3	733.122	-0.077694 mg/L	Y 371.029
Ag 338.289	-0.007374uvb	mg/L	0.000542	7.4	11.5452	-0.007374 mg/L	Y 371.029
Al 237.312	-0.156181b	mg/L	0.004312	2.8	74.5113	-0.156181 mg/L	Y 371.029
Al 257.509	-0.320394b	mg/L	0.012634	3.9	23.0175	-0.320394 mg/L	Y 371.029
Al 308.215	0.425157b	mg/L	0.001435	0.3	1059.88	0.425157 mg/L	Y 371.029
As 188.980	0.146664b	mg/L	0.004579	3.1	14.1420	0.146664 mg/L	Y 371.029
As 193.696	0.102136b	mg/L	0.005974	5.8	6.07058	0.102136 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010747	9.8	18.1502	uncal mg/L	Y 371.029
B 182.577	0.743128b	mg/L	0.001683	0.2	395.556	0.743128 mg/L	Y 371.029
B 249.678	-0.001715b	mg/L	0.001639	95.6	513.026	-0.001715 mg/L	Y 371.029
B 249.772	0.028382b	mg/L	0.000894	3.1	1117.97	0.028382 mg/L	Y 371.029
Ba 233.527	0.013901b	mg/L	0.000138	1.0	1310.96	0.013901 mg/L	Y 371.029
Ba 455.403	0.020286b	mg/L	0.000080	0.4	28527.8	0.020286 mg/L	Y 371.029
Ba 493.408	0.017794b	mg/L	0.000077	0.4	16999.1	0.017794 mg/L	Y 371.029
Be 234.861	0.000040b	mg/L	0.000008	20.3	-0.231303	0.000040 mg/L	Y 371.029
Be 313.042	0.000692b	mg/L	0.000004	0.6	1783.43	0.000692 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	-0.000061b	mg/L	0.000005	7.7	120.156	-0.000061 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.841010	2.3	46420548	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.526240	2.4	43835164	- mg/L	Y 371.029
Ca 430.253	-xb	mg/L	0.304058	0.1	2622169	- mg/L	Y 371.029
Cd 214.439	0.000309b	mg/L	0.000147	47.4	7.53042	0.000309 mg/L	Y 371.029
Cd 226.502	-0.002353uvb	mg/L	0.000120	5.1	18.2607	-0.002353 mg/L	Y 371.029
Cd 228.802	0.001118uvb	mg/L	0.000482	43.1	28.7364	0.001118 mg/L	Y 371.029
Co 228.615	0.015482uvb	mg/L	0.000341	2.2	9.47193	0.015482 mg/L	Y 371.029
Co 230.786	0.010995b	mg/L	0.000237	2.2	11.7038	0.010995 mg/L	Y 371.029
Co 238.892	-0.016696uvb	mg/L	0.000335	2.0	5.66442	-0.016696 mg/L	Y 371.029
Cr 205.560	-0.011728uvb	mg/L	0.000398	3.4	3.39154	-0.011728 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000309	2.9	2.98720	uncal mg/L	Y 371.029
Cr 267.716	-0.007823uvb	mg/L	0.000398	5.1	24.4792	-0.007823 mg/L	Y 371.029
Cu 213.598	-0.034713b	mg/L	0.000157	0.5	18.7804	-0.034713 mg/L	Y 371.029
Cu 324.754	0.062728b	mg/L	0.000268	0.4	646.016	0.062728 mg/L	Y 371.029
Cu 327.395	-0.010915uvb	mg/L	0.000175	1.6	18.0600	-0.010915 mg/L	Y 371.029
Fe 234.350	-0.198980b	mg/L	0.001221	0.6	249.898	-0.198980 mg/L	Y 371.029
Fe 238.204	-0.252736b	mg/L	0.000546	0.2	558.121	-0.252736 mg/L	Y 371.029
Fe 259.940	-0.236077b	mg/L	0.000659	0.3	471.433	-0.236077 mg/L	Y 371.029
Ga 287.423	-0.026115b	mg/L	0.003395	13.0	25.1512	-0.026115 mg/L	Y 371.029
Ga 294.363	-0.012817uvb	mg/L	0.002409	18.8	25.0954	-0.012817 mg/L	Y 371.029
Ga 417.204	-0.002363uvb	mg/L	0.000572	24.2	40.0828	-0.002363 mg/L	Y 371.029
K 766.491	-xb	mg/L	1.13457	0.4	22599552	- mg/L	Y 371.029
K 769.897	-xb	mg/L	1.37207	0.3	23192344	- mg/L	Y 371.029
Li 610.365	0.075121b	mg/L	0.002154	2.9	3398.21	0.075121 mg/L	Y 371.029
Li 670.783	0.130104b	mg/L	0.000239	0.2	624044	0.130104 mg/L	Y 371.029
Mg 279.078	0.084676b	mg/L	0.002505	3.0	98.4363	0.084676 mg/L	Y 371.029
Mg 280.270	0.014308b	mg/L	0.000467	3.3	6179.51	0.014308 mg/L	Y 371.029
Mg 285.213	0.016888b	mg/L	0.000276	1.6	1966.01	0.016888 mg/L	Y 371.029
Mn 257.610	0.002904b	mg/L	0.000031	1.1	132.858	0.002904 mg/L	Y 371.029
Mn 259.372	-0.015713b	mg/L	0.000062	0.4	721.936	-0.015713 mg/L	Y 371.029
Mn 260.568	-0.003042b	mg/L	0.000083	2.7	24.1837	-0.003042 mg/L	Y 371.029
Mo 202.032	-0.295467b	mg/L	0.030081	10.2	3305.21	-0.295467 mg/L	Y 371.029
Mo 203.846	-0.327512b	mg/L	0.025007	7.6	1335.36	-0.327512 mg/L	Y 371.029
Mo 204.598	-0.370673b	mg/L	0.027309	7.4	1557.46	-0.370673 mg/L	Y 371.029
Na 568.821	-xb	mg/L	1.22699	0.1	548882	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.454478	0.8	33423582	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.856975	0.8	33753660	- mg/L	Y 371.029
Ni 216.555	0.002777b	mg/L	0.000158	5.7	8.25430	0.002777 mg/L	Y 371.029
Ni 221.648	-0.005569b	mg/L	0.000774	13.9	7.72793	-0.005569 mg/L	Y 371.029
Ni 231.604	0.007673b	mg/L	0.000188	2.4	18.2422	0.007673 mg/L	Y 371.029
P 177.434	0.084266b	mg/L	0.007555	9.0	4.41021	0.084266 mg/L	Y 371.029
P 213.618	-0.159247b	mg/L	0.002608	1.6	8.14690	-0.159247 mg/L	Y 371.029
P 214.914	0.042563b	mg/L	0.008605	20.2	8.87603	0.042563 mg/L	Y 371.029
Pb 220.353	-0.015288b	mg/L	0.000920	6.0	6.47249	-0.015288 mg/L	Y 371.029
Pb 261.417	-0.437312uvb	mg/L	0.007434	1.7	23.5843	-0.437312 mg/L	Y 371.029
Pb 405.781	-0.316334b	mg/L	0.006597	2.1	88.1343	-0.316334 mg/L	Y 371.029
Sb 206.834	-0.236528uvb	mg/L	0.002988	1.3	4.58474	-0.236528 mg/L	Y 371.029
Sb 231.146	-0.012814b	mg/L	0.010114	78.9	13.4037	-0.012814 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.003295	2.6	6.97493	uncal mg/L	Y 371.029
Se 196.026	0.005977b	mg/L	0.006168	103.2	12.3397	0.005977 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.196321uvb	mg/L	0.013739	7.0	5.30349	0.196321 mg/L	Y 371.029
Si 250.690	1.26026b	mg/L	0.004050	0.3	1861.48	1.26026 mg/L	Y 371.029
Si 251.611	0.547399b	mg/L	0.002715	0.5	2162.39	0.547399 mg/L	Y 371.029
Si 288.158	0.737180b	mg/L	0.007798	1.1	11111.7	0.737180 mg/L	Y 371.029
Sn 189.927	-0.017379uvb	mg/L	0.001716	9.9	3.10295	-0.017379 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003860	2.9	24.1715	uncal mg/L	Y 371.029
Sr 216.596	2.53711b	mg/L	0.015220	0.6	24372.9	2.53711 mg/L	Y 371.029
Sr 407.771	2.34692b	mg/L	0.014075	0.6	5810125	2.34692 mg/L	Y 371.029
Sr 421.552	2.32345b	mg/L	0.025330	1.1	3631357	2.32345 mg/L	Y 371.029
Ti 334.941	-0.001164uvb	mg/L	0.000126	10.8	48.9231	-0.001164 mg/L	Y 371.029
Ti 336.122	-0.000610uvb	mg/L	0.000236	38.6	23.3933	-0.000610 mg/L	Y 371.029
Ti 337.280	-0.008198b	mg/L	0.000250	3.0	13.2762	-0.008198 mg/L	Y 371.029
Tl 190.794	0.057936b	mg/L	0.002493	4.3	1.44054	0.057936 mg/L	Y 371.029
Tl 190.807	-0.018336b	mg/L	0.008990	49.0	5.33934	-0.018336 mg/L	Y 371.029
Tl 351.923	0.074776b	mg/L	0.009923	13.3	55.5145	0.074776 mg/L	Y 371.029
V 268.796	-0.071372b	mg/L	0.004832	6.8	1771.53	-0.071372 mg/L	Y 371.029
V 292.401	0.048264b	mg/L	0.000881	1.8	1729.26	0.048264 mg/L	Y 371.029
V 311.837	0.050394b	mg/L	0.000357	0.7	2341.96	0.050394 mg/L	Y 371.029
Zn 202.548	-0.243207b	mg/L	0.000344	0.1	810.301	-0.243207 mg/L	Y 371.029
Zn 206.200	-0.242573b	mg/L	0.000420	0.2	253.109	-0.242573 mg/L	Y 371.029
Zn 213.857	-0.237731b	mg/L	0.000745	0.3	1399.90	-0.237731 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13496	9101.00	73.347	0.8
Y 371.029	0.799925	131913	929.312	0.7

11C1255-45 (Samp) **4/7/2011, 11:04:17 AM** **Rack 3, Tube 18**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.022397uvb	mg/L	0.000570	2.5	714.907	-0.022397 mg/L	Y 371.029
Ag 338.289	-0.008591uvb	mg/L	0.003365	39.2	5.85250	-0.008591 mg/L	Y 371.029
Al 237.312	-0.030758uvb	mg/L	0.003826	12.4	61.4585	-0.030758 mg/L	Y 371.029
Al 257.509	-0.004346b	mg/L	0.009363	215.5	28.4645	-0.004346 mg/L	Y 371.029
Al 308.215	0.043357uvb	mg/L	0.001204	2.8	950.922	0.043357 mg/L	Y 371.029
As 188.980	0.019556b	mg/L	0.004818	24.6	8.14217	0.019556 mg/L	Y 371.029
As 193.696	0.013060b	mg/L	0.004476	34.3	3.00097	0.013060 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004229	123.5	10.2474	uncal mg/L	Y 371.029
B 182.577	0.603806b	mg/L	0.008253	1.4	314.770	0.603806 mg/L	Y 371.029
B 249.678	0.495879b	mg/L	0.007945	1.6	4552.53	0.495879 mg/L	Y 371.029
B 249.772	0.507358b	mg/L	0.013047	2.6	9632.29	0.507358 mg/L	Y 371.029
Ba 233.527	0.029833b	mg/L	0.000120	0.4	1520.34	0.029833 mg/L	Y 371.029
Ba 455.403	0.031995b	mg/L	0.000137	0.4	34407.8	0.031995 mg/L	Y 371.029
Ba 493.408	0.030743b	mg/L	0.000167	0.5	20164.3	0.030743 mg/L	Y 371.029
Be 234.861	0.000100b	mg/L	0.000009	9.5	1.73742	0.000100 mg/L	Y 371.029
Be 313.042	0.000266b	mg/L	0.000004	1.6	1725.01	0.000266 mg/L	Y 371.029
Be 313.107	-0.000007b	mg/L	0.000012	165.7	98.9238	-0.000007 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.156348	0.5	42015224	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.114220	0.6	39949268	- mg/L	Y 371.029
Ca 430.253	88.0539b	mg/L	0.378192	0.4	394997	88.0539 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000395b	mg/L	0.000044	11.1	6.37087	0.000395 mg/L	Y 371.029
Cd 226.502	-0.000335uvb	mg/L	0.000064	19.0	18.2492	-0.000335 mg/L	Y 371.029
Cd 228.802	-0.000022uvb	mg/L	0.000156	712.6	21.0327	-0.000022 mg/L	Y 371.029
Co 228.615	0.002724b	mg/L	0.000355	13.0	24.6995	0.002724 mg/L	Y 371.029
Co 230.786	0.002933b	mg/L	0.000598	20.4	24.8294	0.002933 mg/L	Y 371.029
Co 238.892	-0.001359uvb	mg/L	0.000917	67.5	10.8255	-0.001359 mg/L	Y 371.029
Cr 205.560	-0.001835uvb	mg/L	0.000098	5.3	4.70168	-0.001835 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000236	48.6	3.69659	uncal mg/L	Y 371.029
Cr 267.716	-0.000266b	mg/L	0.000160	60.2	43.4658	-0.000266 mg/L	Y 371.029
Cu 213.598	-0.003576b	mg/L	0.000817	22.8	7.24309	-0.003576 mg/L	Y 371.029
Cu 324.754	0.008141b	mg/L	0.000341	4.2	631.102	0.008141 mg/L	Y 371.029
Cu 327.395	-0.001468b	mg/L	0.000392	26.7	56.8240	-0.001468 mg/L	Y 371.029
Fe 234.350	0.045960b	mg/L	0.001053	2.3	903.962	0.045960 mg/L	Y 371.029
Fe 238.204	0.041443b	mg/L	0.000579	1.4	1958.44	0.041443 mg/L	Y 371.029
Fe 259.940	0.037097b	mg/L	0.000640	1.7	1181.04	0.037097 mg/L	Y 371.029
Ga 287.423	-0.005708uvb	mg/L	0.001107	19.4	8.09365	-0.005708 mg/L	Y 371.029
Ga 294.363	0.000477uvb	mg/L	0.001752	367.0	25.6376	0.000477 mg/L	Y 371.029
Ga 417.204	0.002406uvb	mg/L	0.000827	34.4	79.7880	0.002406 mg/L	Y 371.029
K 766.491	71.2102b	mg/L	1.45181	2.0	5386080	71.2102 mg/L	Y 371.029
K 769.897	83.4219b	mg/L	2.50035	3.0	4847816	83.4219 mg/L	Y 371.029
Li 610.365	0.014865b	mg/L	0.000767	5.2	491.320	0.014865 mg/L	Y 371.029
Li 670.783	0.034666b	mg/L	0.000233	0.7	215247	0.034666 mg/L	Y 371.029
Mg 279.078	48.0792b	mg/L	0.209854	0.4	84394.0	48.0792 mg/L	Y 371.029
Mg 280.270	49.4015b	mg/L	0.123904	0.3	4487641	49.4015 mg/L	Y 371.029
Mg 285.213	49.7482b	mg/L	0.326621	0.7	1764177	49.7482 mg/L	Y 371.029
Mn 257.610	0.301764b	mg/L	0.001140	0.4	45751.3	0.301764 mg/L	Y 371.029
Mn 259.372	0.290681b	mg/L	0.001908	0.7	33811.8	0.290681 mg/L	Y 371.029
Mn 260.568	0.299826b	mg/L	0.003007	1.0	6326.85	0.299826 mg/L	Y 371.029
Mo 202.032	0.061182b	mg/L	0.006983	11.4	599.540	0.061182 mg/L	Y 371.029
Mo 203.846	0.062604b	mg/L	0.006235	10.0	243.021	0.062604 mg/L	Y 371.029
Mo 204.598	0.054863b	mg/L	0.005902	10.8	276.079	0.054863 mg/L	Y 371.029
Na 568.821	165.658b	mg/L	0.822975	0.5	45391.2	165.658 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.585306	0.9	40196404	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.537796	0.6	32300926	- mg/L	Y 371.029
Ni 216.555	0.031508b	mg/L	0.000390	1.2	185.921	0.031508 mg/L	Y 371.029
Ni 221.648	0.029874b	mg/L	0.000670	2.2	73.7006	0.029874 mg/L	Y 371.029
Ni 231.604	0.032922b	mg/L	0.001002	3.0	141.981	0.032922 mg/L	Y 371.029
P 177.434	0.046997b	mg/L	0.008156	17.4	8.75812	0.046997 mg/L	Y 371.029
P 213.618	0.028347b	mg/L	0.002689	9.5	33.1122	0.028347 mg/L	Y 371.029
P 214.914	0.065447b	mg/L	0.007054	10.8	16.7018	0.065447 mg/L	Y 371.029
Pb 220.353	0.000589b	mg/L	0.000960	163.0	8.49004	0.000589 mg/L	Y 371.029
Pb 261.417	-0.027538uvb	mg/L	0.003125	11.3	22.1056	-0.027538 mg/L	Y 371.029
Pb 405.781	-0.020458b	mg/L	0.011395	55.7	83.8118	-0.020458 mg/L	Y 371.029
Sb 206.834	-0.027037uvb	mg/L	0.000699	2.6	7.24218	-0.027037 mg/L	Y 371.029
Sb 231.146	-0.021185uvb	mg/L	0.003367	15.9	5.43890	-0.021185 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.009423	58.1	9.84177	uncal mg/L	Y 371.029
Se 196.026	-0.001990uvb	mg/L	0.005471	274.9	7.02110	-0.001990 mg/L	Y 371.029
Se 203.985	0.017600uvb	mg/L	0.012870	73.1	1.93667	0.017600 mg/L	Y 371.029
Si 250.690	8.49186b	mg/L	0.098926	1.2	11329.6	8.49186 mg/L	Y 371.029
Si 251.611	8.25325b	mg/L	0.094968	1.2	13087.0	8.25325 mg/L	Y 371.029
Si 288.158	8.08101b	mg/L	0.109535	1.4	64926.7	8.08101 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.003121uvb	mg/L	0.001875	60.1	2.85300	-0.003121 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003292	9.1	11.0467	uncal mg/L	Y 371.029
Sr 216.596	0.339057b	mg/L	0.001637	0.5	3280.28	0.339057 mg/L	Y 371.029
Sr 407.771	0.319151b	mg/L	0.000961	0.3	795679	0.319151 mg/L	Y 371.029
Sr 421.552	0.311842b	mg/L	0.001154	0.4	490694	0.311842 mg/L	Y 371.029
Ti 334.941	-0.000320uvb	mg/L	0.000262	81.9	108.730	-0.000320 mg/L	Y 371.029
Ti 336.122	-0.000061uvb	mg/L	0.000024	40.1	44.4088	-0.000061 mg/L	Y 371.029
Ti 337.280	-0.001022b	mg/L	0.000016	1.6	7.82390	-0.001022 mg/L	Y 371.029
Tl 190.794	0.010868b	mg/L	0.006889	63.4	2.74246	0.010868 mg/L	Y 371.029
Tl 190.807	0.006980uvb	mg/L	0.006599	94.5	2.37879	0.006980 mg/L	Y 371.029
Tl 351.923	0.017206b	mg/L	0.004921	28.6	36.7367	0.017206 mg/L	Y 371.029
V 268.796	-0.005924b	mg/L	0.001051	17.7	276.145	-0.005924 mg/L	Y 371.029
V 292.401	-0.000167b	mg/L	0.000230	137.3	40.7775	-0.000167 mg/L	Y 371.029
V 311.837	0.001529b	mg/L	0.000112	7.4	42.7471	0.001529 mg/L	Y 371.029
Zn 202.548	-0.020423b	mg/L	0.001120	5.5	853.722	-0.020423 mg/L	Y 371.029
Zn 206.200	-0.017692b	mg/L	0.000536	3.0	285.496	-0.017692 mg/L	Y 371.029
Zn 213.857	-0.016459b	mg/L	0.000172	1.0	1525.11	-0.016459 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.26133	10114.3	38.219	0.4
Y 371.029	0.893844	147401	665.212	0.5

11C1255-46 (Samp) **4/7/2011, 11:08:31 AM** **Rack 3, Tube 19**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.035786uvb	mg/L	0.000816	2.3	762.305	-0.035786 mg/L	Y 371.029
Ag 338.289	-0.010960uvb	mg/L	0.001796	16.4	1.71818	-0.010960 mg/L	Y 371.029
Al 237.312	-0.045084b	mg/L	0.002034	4.5	85.4279	-0.045084 mg/L	Y 371.029
Al 257.509	-0.122724b	mg/L	0.003976	3.2	35.4854	-0.122724 mg/L	Y 371.029
Al 308.215	0.182512b	mg/L	0.001792	1.0	1148.37	0.182512 mg/L	Y 371.029
As 188.980	0.061974b	mg/L	0.003131	5.1	8.70325	0.061974 mg/L	Y 371.029
As 193.696	0.037789uvb	mg/L	0.004752	12.6	2.53531	0.037789 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007314	20.8	8.45706	uncal mg/L	Y 371.029
B 182.577	0.106263b	mg/L	0.002687	2.5	60.3733	0.106263 mg/L	Y 371.029
B 249.678	0.070768b	mg/L	0.001684	2.4	796.662	0.070768 mg/L	Y 371.029
B 249.772	0.084020b	mg/L	0.000467	0.6	1905.01	0.084020 mg/L	Y 371.029
Ba 233.527	0.121631b	mg/L	0.000427	0.4	5280.88	0.121631 mg/L	Y 371.029
Ba 455.403	0.125200b	mg/L	0.000085	0.1	116386	0.125200 mg/L	Y 371.029
Ba 493.408	0.120390b	mg/L	0.000107	0.1	67976.4	0.120390 mg/L	Y 371.029
Be 234.861	0.003475b	mg/L	0.000103	3.0	349.642	0.003475 mg/L	Y 371.029
Be 313.042	0.004585b	mg/L	0.000006	0.1	8834.04	0.004585 mg/L	Y 371.029
Be 313.107	0.004111b	mg/L	0.000024	0.6	3473.62	0.004111 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.745584	2.4	40102400	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.118774	0.6	40865564	- mg/L	Y 371.029
Ca 430.253	47.6352b	mg/L	0.023574	0.0	216785	47.6352 mg/L	Y 371.029
Cd 214.439	0.000517b	mg/L	0.000085	16.5	10.0442	0.000517 mg/L	Y 371.029
Cd 226.502	-0.000605b	mg/L	0.000104	17.1	51.2431	-0.000605 mg/L	Y 371.029
Cd 228.802	0.000246uvb	mg/L	0.000438	178.2	20.7351	0.000246 mg/L	Y 371.029
Co 228.615	0.001539uvb	mg/L	0.000268	17.4	14.3673	0.001539 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.000733b	mg/L	0.000942	128.6	18.2148	0.000733 mg/L	Y 371.029
Co 238.892	0.003103uvb	mg/L	0.000779	25.1	3.33930	0.003103 mg/L	Y 371.029
Cr 205.560	-0.004799uvb	mg/L	0.000710	14.8	4.77151	-0.004799 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000677	11.3	3.00524	uncal mg/L	Y 371.029
Cr 267.716	-0.003952b	mg/L	0.000076	1.9	45.4908	-0.003952 mg/L	Y 371.029
Cu 213.598	-0.018047b	mg/L	0.000824	4.6	16.4926	-0.018047 mg/L	Y 371.029
Cu 324.754	0.022482b	mg/L	0.000591	2.6	650.153	0.022482 mg/L	Y 371.029
Cu 327.395	-0.007168b	mg/L	0.000373	5.2	59.1882	-0.007168 mg/L	Y 371.029
Fe 234.350	10.0241b	mg/L	0.136343	1.4	91530.2	10.0241 mg/L	Y 371.029
Fe 238.204	10.0900b	mg/L	0.162082	1.6	196850	10.0900 mg/L	Y 371.029
Fe 259.940	10.1863b	mg/L	0.068218	0.7	158315	10.1863 mg/L	Y 371.029
Ga 287.423	-0.064118b	mg/L	0.003713	5.8	87.6239	-0.064118 mg/L	Y 371.029
Ga 294.363	-0.009454b	mg/L	0.000339	3.6	29.5691	-0.009454 mg/L	Y 371.029
Ga 417.204	-0.004635b	mg/L	0.000980	21.1	111.887	-0.004635 mg/L	Y 371.029
K 766.491	16.2635b	mg/L	0.044724	0.3	1236232	16.2635 mg/L	Y 371.029
K 769.897	16.6718b	mg/L	0.044566	0.3	988802	16.6718 mg/L	Y 371.029
Li 610.365	0.007438b	mg/L	0.000083	1.1	133.005	0.007438 mg/L	Y 371.029
Li 670.783	0.007640b	mg/L	0.000017	0.2	139457	0.007640 mg/L	Y 371.029
Mg 279.078	82.4301b	mg/L	0.206316	0.3	144655	82.4301 mg/L	Y 371.029
Mg 280.270	72.6368b	mg/L	0.112095	0.2	6598531	72.6368 mg/L	Y 371.029
Mg 285.213	81.0827b	mg/L	1.00403	1.2	2875790	81.0827 mg/L	Y 371.029
Mn 257.610	6.02479b	mg/L	0.070547	1.2	913542	6.02479 mg/L	Y 371.029
Mn 259.372	5.91693b	mg/L	0.069962	1.2	673440	5.91693 mg/L	Y 371.029
Mn 260.568	6.14168b	mg/L	0.032107	0.5	123114	6.14168 mg/L	Y 371.029
Mo 202.032	-0.449361b	mg/L	0.002722	0.6	71.8289	-0.449361 mg/L	Y 371.029
Mo 203.846	-0.464393b	mg/L	0.002012	0.4	30.3161	-0.464393 mg/L	Y 371.029
Mo 204.598	-0.477183b	mg/L	0.001879	0.4	24.0273	-0.477183 mg/L	Y 371.029
Na 568.821	-xb	mg/L	0.468797	0.1	219795	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.495203	1.0	31647490	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.683743	0.7	31510986	- mg/L	Y 371.029
Ni 216.555	-0.008153b	mg/L	0.000825	10.1	15.2927	-0.008153 mg/L	Y 371.029
Ni 221.648	-0.008625b	mg/L	0.000468	5.4	12.0350	-0.008625 mg/L	Y 371.029
Ni 231.604	-0.003833b	mg/L	0.000779	20.3	32.8644	-0.003833 mg/L	Y 371.029
P 177.434	0.046139b	mg/L	0.003208	7.0	5.24582	0.046139 mg/L	Y 371.029
P 213.618	-0.046645b	mg/L	0.002452	5.3	15.9868	-0.046645 mg/L	Y 371.029
P 214.914	0.044148b	mg/L	0.007427	16.8	12.4440	0.044148 mg/L	Y 371.029
Pb 220.353	0.000859b	mg/L	0.002517	293.0	13.1911	0.000859 mg/L	Y 371.029
Pb 261.417	-0.189525uvb	mg/L	0.001645	0.9	18.4453	-0.189525 mg/L	Y 371.029
Pb 405.781	-0.066513b	mg/L	0.012432	18.7	132.776	-0.066513 mg/L	Y 371.029
Sb 206.834	-0.080836uvb	mg/L	0.002407	3.0	6.88083	-0.080836 mg/L	Y 371.029
Sb 231.146	0.049782uvb	mg/L	0.003520	7.1	6.15208	0.049782 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.003041	9.3	9.41017	uncal mg/L	Y 371.029
Se 196.026	0.017577uvb	mg/L	0.011075	63.0	8.11146	0.017577 mg/L	Y 371.029
Se 203.985	0.074367b	mg/L	0.005137	6.9	8.02912	0.074367 mg/L	Y 371.029
Si 250.690	20.6163b	mg/L	0.422313	2.0	27473.8	20.6163 mg/L	Y 371.029
Si 251.611	20.2399b	mg/L	0.397321	2.0	31794.8	20.2399 mg/L	Y 371.029
Si 288.158	19.4269b	mg/L	0.179821	0.9	153335	19.4269 mg/L	Y 371.029
Sn 189.927	-0.011606uvb	mg/L	0.004315	37.2	3.44147	-0.011606 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.000725	1.0	8.66686	uncal mg/L	Y 371.029
Sr 216.596	0.463917b	mg/L	0.002122	0.5	4477.39	0.463917 mg/L	Y 371.029
Sr 407.771	0.428875b	mg/L	0.003828	0.9	1063202	0.428875 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.423237b	mg/L	0.002916	0.7	662368	0.423237 mg/L	Y 371.029
Ti 334.941	-0.000684uvb	mg/L	0.000220	32.2	122.223	-0.000684 mg/L	Y 371.029
Ti 336.122	-0.001299uvb	mg/L	0.000415	31.9	41.5646	-0.001299 mg/L	Y 371.029
Ti 337.280	-0.003128b	mg/L	0.000281	9.0	12.2779	-0.003128 mg/L	Y 371.029
Tl 190.794	0.010568b	mg/L	0.005799	54.9	3.37046	0.010568 mg/L	Y 371.029
Tl 190.807	-0.011171uvb	mg/L	0.003229	28.9	0.987342	-0.011171 mg/L	Y 371.029
Tl 351.923	0.039290uvb	mg/L	0.007631	19.4	26.9730	0.039290 mg/L	Y 371.029
V 268.796	-0.064845b	mg/L	0.000790	1.2	60.3026	-0.064845 mg/L	Y 371.029
V 292.401	-0.003440uvb	mg/L	0.000181	5.2	29.2424	-0.003440 mg/L	Y 371.029
V 311.837	-0.000710b	mg/L	0.000110	15.5	23.5920	-0.000710 mg/L	Y 371.029
Zn 202.548	-0.095907b	mg/L	0.003025	3.2	787.883	-0.095907 mg/L	Y 371.029
Zn 206.200	-0.090091b	mg/L	0.000216	0.2	275.622	-0.090091 mg/L	Y 371.029
Zn 213.857	-0.090175b	mg/L	0.000391	0.4	1473.76	-0.090175 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22427	9817.19	51.731	0.5
Y 371.029	0.859751	141779	687.233	0.5

11C1255-47 (Samp) **4/7/2011, 11:12:45 AM** **Rack 3, Tube 20**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.021021uvb	mg/L	0.000085	0.4	701.308	-0.021021 mg/L	Y 371.029
Ag 338.289	-0.007918uvb	mg/L	0.000923	11.7	8.54372	-0.007918 mg/L	Y 371.029
Al 237.312	0.005751uvb	mg/L	0.006601	114.8	54.1283	0.005751 mg/L	Y 371.029
Al 257.509	-0.007157b	mg/L	0.003766	52.6	22.9826	-0.007157 mg/L	Y 371.029
Al 308.215	0.075565b	mg/L	0.001650	2.2	1031.76	0.075565 mg/L	Y 371.029
As 188.980	0.019787b	mg/L	0.005331	26.9	8.73497	0.019787 mg/L	Y 371.029
As 193.696	0.011380b	mg/L	0.006108	53.7	4.11585	0.011380 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004845	42.1	11.0682	uncal mg/L	Y 371.029
B 182.577	0.140118b	mg/L	0.004898	3.5	78.7065	0.140118 mg/L	Y 371.029
B 249.678	0.002798b	mg/L	0.000957	34.2	126.289	0.002798 mg/L	Y 371.029
B 249.772	0.049928b	mg/L	0.002179	4.4	2596.42	0.049928 mg/L	Y 371.029
Ba 233.527	0.015648b	mg/L	0.000122	0.8	975.260	0.015648 mg/L	Y 371.029
Ba 455.403	0.017313b	mg/L	0.000042	0.2	21194.0	0.017313 mg/L	Y 371.029
Ba 493.408	0.016134b	mg/L	0.000068	0.4	12645.2	0.016134 mg/L	Y 371.029
Be 234.861	0.003896uvb	mg/L	0.001666	42.8	-90.8841	0.003896 mg/L	Y 371.029
Be 313.042	0.001173b	mg/L	0.000009	0.8	3275.02	0.001173 mg/L	Y 371.029
Be 313.107	0.000866b	mg/L	0.000011	1.2	812.469	0.000866 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.603558	1.9	40147468	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.268489	1.3	39799360	- mg/L	Y 371.029
Ca 430.253	49.3045b	mg/L	0.056119	0.1	222524	49.3045 mg/L	Y 371.029
Cd 214.439	0.001483b	mg/L	0.000128	8.6	45.3010	0.001483 mg/L	Y 371.029
Cd 226.502	0.001892b	mg/L	0.000160	8.5	349.253	0.001892 mg/L	Y 371.029
Cd 228.802	0.000583uvb	mg/L	0.000025	4.3	18.4309	0.000583 mg/L	Y 371.029
Co 228.615	0.173972b	mg/L	0.000510	0.3	2094.27	0.173972 mg/L	Y 371.029
Co 230.786	0.167079b	mg/L	0.001145	0.7	1421.07	0.167079 mg/L	Y 371.029
Co 238.892	0.152909b	mg/L	0.011658	7.6	273.180	0.152909 mg/L	Y 371.029
Cr 205.560	-0.016983uvb	mg/L	0.000234	1.4	4.12165	-0.016983 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001374	9.0	4.43471	uncal mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	-0.016184uvb	mg/L	0.000190	1.2	25.6390	-0.016184 mg/L	Y 371.029
Cu 213.598	-0.029590b	mg/L	0.000176	0.6	116.441	-0.029590 mg/L	Y 371.029
Cu 324.754	-0.013076uvb	mg/L	0.000211	1.6	475.602	-0.013076 mg/L	Y 371.029
Cu 327.395	-0.025561uvb	mg/L	0.000197	0.8	21.1325	-0.025561 mg/L	Y 371.029
Fe 234.350	94.9572b	mg/L	1.54377	1.6	857007	94.9572 mg/L	Y 371.029
Fe 238.204	93.1047b	mg/L	1.75321	1.9	1791794	93.1047 mg/L	Y 371.029
Fe 259.940	94.4401b	mg/L	1.70163	1.8	1453006	94.4401 mg/L	Y 371.029
Ga 287.423	-0.413338b	mg/L	0.001171	0.3	869.357	-0.413338 mg/L	Y 371.029
Ga 294.363	-0.010386b	mg/L	0.000262	2.5	39.7631	-0.010386 mg/L	Y 371.029
Ga 417.204	-0.000193b	mg/L	0.000535	277.3	354.575	-0.000193 mg/L	Y 371.029
K 766.491	1.66564b	mg/L	0.004384	0.3	129838	1.66564 mg/L	Y 371.029
K 769.897	1.60119b	mg/L	0.004156	0.3	108084	1.60119 mg/L	Y 371.029
Li 610.365	0.007135b	mg/L	0.000310	4.4	118.425	0.007135 mg/L	Y 371.029
Li 670.783	0.012613b	mg/L	0.000054	0.4	139641	0.012613 mg/L	Y 371.029
Mg 279.078	77.7116b	mg/L	0.244894	0.3	136429	77.7116 mg/L	Y 371.029
Mg 280.270	69.3058b	mg/L	0.939524	1.4	6294796	69.3058 mg/L	Y 371.029
Mg 285.213	75.8526b	mg/L	0.454779	0.6	2689851	75.8526 mg/L	Y 371.029
Mn 257.610	2.14517b	mg/L	0.019526	0.9	326057	2.14517 mg/L	Y 371.029
Mn 259.372	2.07832b	mg/L	0.021232	1.0	253962	2.07832 mg/L	Y 371.029
Mn 260.568	2.11277b	mg/L	0.028700	1.4	42787.5	2.11277 mg/L	Y 371.029
Mo 202.032	-0.069229b	mg/L	0.001518	2.2	31.2014	-0.069229 mg/L	Y 371.029
Mo 203.846	-0.070533b	mg/L	0.003281	4.7	18.4193	-0.070533 mg/L	Y 371.029
Mo 204.598	-0.074384b	mg/L	0.000784	1.1	12.9565	-0.074384 mg/L	Y 371.029
Na 568.821	141.036b	mg/L	0.243990	0.2	38640.7	141.036 mg/L	Y 371.029
Na 588.995	-ob	mg/L	2.40522	3.9	37493972	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.40150	1.5	30906294	- mg/L	Y 371.029
Ni 216.555	0.163594b	mg/L	0.000996	0.6	1442.96	0.163594 mg/L	Y 371.029
Ni 221.648	0.157914b	mg/L	0.004155	2.6	550.954	0.157914 mg/L	Y 371.029
Ni 231.604	0.168960b	mg/L	0.000554	0.3	945.906	0.168960 mg/L	Y 371.029
P 177.434	-0.016495uvb	mg/L	0.002932	17.8	1.59065	-0.016495 mg/L	Y 371.029
P 213.618	-0.029073uvb	mg/L	0.003903	13.4	2.10943	-0.029073 mg/L	Y 371.029
P 214.914	0.004674b	mg/L	0.015233	325.9	18.2798	0.004674 mg/L	Y 371.029
Pb 220.353	-0.002488uvb	mg/L	0.001547	62.2	4.67379	-0.002488 mg/L	Y 371.029
Pb 261.417	0.001949uvb	mg/L	0.020167	1034.7	27.1094	0.001949 mg/L	Y 371.029
Pb 405.781	-0.031865b	mg/L	0.012549	39.4	74.6618	-0.031865 mg/L	Y 371.029
Sb 206.834	-0.030232uvb	mg/L	0.003657	12.1	7.12013	-0.030232 mg/L	Y 371.029
Sb 231.146	0.015603b	mg/L	0.014532	93.1	16.9268	0.015603 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.090760	40.5	58.8131	uncal mg/L	Y 371.029
Se 196.026	-0.005964uvb	mg/L	0.001296	21.7	2.08064	-0.005964 mg/L	Y 371.029
Se 203.985	0.033251uvb	mg/L	0.011409	34.3	3.03800	0.033251 mg/L	Y 371.029
Si 250.690	19.5848b	mg/L	0.250965	1.3	26086.2	19.5848 mg/L	Y 371.029
Si 251.611	19.2611b	mg/L	0.255549	1.3	30201.3	19.2611 mg/L	Y 371.029
Si 288.158	18.4048b	mg/L	0.270958	1.5	145495	18.4048 mg/L	Y 371.029
Sn 189.927	-0.009123uvb	mg/L	0.000699	7.7	2.24755	-0.009123 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003139	6.9	11.0660	uncal mg/L	Y 371.029
Sr 216.596	0.243140b	mg/L	0.000644	0.3	2552.11	0.243140 mg/L	Y 371.029
Sr 407.771	0.236450b	mg/L	0.001955	0.8	589858	0.236450 mg/L	Y 371.029
Sr 421.552	0.239413b	mg/L	0.001005	0.4	376864	0.239413 mg/L	Y 371.029
Ti 334.941	-0.005529uvb	mg/L	0.000119	2.2	62.3987	-0.005529 mg/L	Y 371.029
Ti 336.122	-0.005055uvb	mg/L	0.000337	6.7	30.0979	-0.005055 mg/L	Y 371.029
Ti 337.280	-0.005390b	mg/L	0.000051	0.9	13.7554	-0.005390 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.003868b	mg/L	0.004030	104.2	3.42369	0.003868 mg/L	Y 371.029
Tl 190.807	0.013931b	mg/L	0.003315	23.8	3.01112	0.013931 mg/L	Y 371.029
Tl 351.923	0.013716uvb	mg/L	0.008709	63.5	26.0072	0.013716 mg/L	Y 371.029
V 268.796	-0.022284b	mg/L	0.000570	2.6	55.8258	-0.022284 mg/L	Y 371.029
V 292.401	-0.016218b	mg/L	0.000077	0.5	56.5570	-0.016218 mg/L	Y 371.029
V 311.837	-0.012610b	mg/L	0.000180	1.4	16.8888	-0.012610 mg/L	Y 371.029
Zn 202.548	0.141345b	mg/L	0.006996	4.9	2596.95	0.141345 mg/L	Y 371.029
Zn 206.200	0.144385b	mg/L	0.000157	0.1	835.245	0.144385 mg/L	Y 371.029
Zn 213.857	0.146137b	mg/L	0.001336	0.9	4615.14	0.146137 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.25165	10036.7	20.241	0.2
Y 371.029	0.888817	146572	528.364	0.4

SEQ-CCV8 (Samp) **4/7/2011, 11:16:58 AM** **Rack 3, Tube 21**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.081723	mg/L	0.000382	0.5	5477.42	0.081723 mg/L	Y 371.029
Ag 338.289	0.084532	mg/L	0.001855	2.2	279.927	0.084532 mg/L	Y 371.029
Al 237.312	2.55497	mg/L	0.010344	0.4	3408.91	2.55497 mg/L	Y 371.029
Al 257.509	2.52118	mg/L	0.027562	1.1	1532.57	2.52118 mg/L	Y 371.029
Al 308.215	2.50101	mg/L	0.005377	0.2	15978.1	2.50101 mg/L	Y 371.029
As 188.980	0.503190	mg/L	0.004575	0.9	199.385	0.503190 mg/L	Y 371.029
As 193.696	0.490392	mg/L	0.003059	0.6	219.607	0.490392 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.021121	3.6	678.198	uncal mg/L	Y 371.029
B 182.577	0.510011	mg/L	0.002172	0.4	264.974	0.510011 mg/L	Y 371.029
B 249.678	0.472108	mg/L	0.007448	1.6	4285.01	0.472108 mg/L	Y 371.029
B 249.772	0.477922	mg/L	0.013671	2.9	9020.72	0.477922 mg/L	Y 371.029
Ba 233.527	0.489990	mg/L	0.002935	0.6	20094.5	0.489990 mg/L	Y 371.029
Ba 455.403	0.510755	mg/L	0.000693	0.1	457701	0.510755 mg/L	Y 371.029
Ba 493.408	0.496557	mg/L	0.000732	0.1	267253	0.496557 mg/L	Y 371.029
Be 234.861	0.495138	mg/L	0.005861	1.2	57631.1	0.495138 mg/L	Y 371.029
Be 313.042	0.491749	mg/L	0.004405	0.9	825018	0.491749 mg/L	Y 371.029
Be 313.107	0.486883	mg/L	0.004298	0.9	394071	0.486883 mg/L	Y 371.029
Ca 393.366	4.78518n	mg/L	0.012446	0.3	6157092	4.78518 mg/L	Y 371.029
Ca 396.847	4.39253	mg/L	0.010924	0.2	8708472	4.39253 mg/L	Y 371.029
Ca 430.253	5.03563	mg/L	0.011704	0.2	23919.5	5.03563 mg/L	Y 371.029
Cd 214.439	0.259346	mg/L	0.001934	0.7	5680.80	0.259346 mg/L	Y 371.029
Cd 226.502	0.247583	mg/L	0.000634	0.3	9834.95	0.247583 mg/L	Y 371.029
Cd 228.802	0.252086	mg/L	0.002410	1.0	3858.72	0.252086 mg/L	Y 371.029
Co 228.615	0.507931	mg/L	0.004431	0.9	4913.01	0.507931 mg/L	Y 371.029
Co 230.786	0.498839	mg/L	0.003123	0.6	3258.05	0.498839 mg/L	Y 371.029
Co 238.892	0.500675	mg/L	0.002413	0.5	3011.06	0.500675 mg/L	Y 371.029
Cr 205.560	0.506061	mg/L	0.003341	0.7	2174.29	0.506061 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.002775	0.5	890.380	uncal mg/L	Y 371.029
Cr 267.716	0.491593	mg/L	0.000423	0.1	10924.2	0.491593 mg/L	Y 371.029
Cu 213.598	0.514932	mg/L	0.002489	0.5	2245.89	0.514932 mg/L	Y 371.029
Cu 324.754	0.512645	mg/L	0.000306	0.1	17636.3	0.512645 mg/L	Y 371.029
Cu 327.395	0.504653	mg/L	0.000933	0.2	21611.3	0.504653 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.505628	mg/L	0.003244	0.6	4871.61	0.505628 mg/L	Y 371.029
Fe 238.204	0.510725	mg/L	0.004053	0.8	10227.0	0.510725 mg/L	Y 371.029
Fe 259.940	0.508767	mg/L	0.006142	1.2	8133.10	0.508767 mg/L	Y 371.029
Ga 287.423	0.508715	mg/L	0.005409	1.1	1227.95	0.508715 mg/L	Y 371.029
Ga 294.363	0.496539	mg/L	0.000501	0.1	3200.77	0.496539 mg/L	Y 371.029
Ga 417.204	0.520003	mg/L	0.001572	0.3	5265.77	0.520003 mg/L	Y 371.029
K 766.491	5.37407	mg/L	0.010690	0.2	408643	5.37407 mg/L	Y 371.029
K 769.897	5.29406	mg/L	0.013112	0.2	319903	5.29406 mg/L	Y 371.029
Li 610.365	1.05612	mg/L	0.002297	0.2	50724.0	1.05612 mg/L	Y 371.029
Li 670.783	0.994634	mg/L	0.011858	1.2	3782867	0.994634 mg/L	Y 371.029
Mg 279.078	4.97984	mg/L	0.017371	0.3	8752.63	4.97984 mg/L	Y 371.029
Mg 280.270	5.89563	mg/L	0.001680	0.0	536033	5.89563 mg/L	Y 371.029
Mg 285.213	5.23942	mg/L	0.035535	0.7	185900	5.23942 mg/L	Y 371.029
Mn 257.610	0.503977	mg/L	0.005493	1.1	77436.3	0.503977 mg/L	Y 371.029
Mn 259.372	0.498549	mg/L	0.004690	0.9	57406.8	0.498549 mg/L	Y 371.029
Mn 260.568	0.501343	mg/L	0.002441	0.5	10066.2	0.501343 mg/L	Y 371.029
Mo 202.032	1.02848	mg/L	0.016986	1.7	3681.21	1.02848 mg/L	Y 371.029
Mo 203.846	1.04760	mg/L	0.018055	1.7	1493.65	1.04760 mg/L	Y 371.029
Mo 204.598	1.02192	mg/L	0.014354	1.4	1752.55	1.02192 mg/L	Y 371.029
Na 568.821	4.91158	mg/L	0.044615	0.9	1477.05	4.91158 mg/L	Y 371.029
Na 588.995	5.49010	mg/L	0.101873	1.9	3610204	5.49010 mg/L	Y 371.029
Na 589.592	5.28453	mg/L	0.019147	0.4	1840049	5.28453 mg/L	Y 371.029
Ni 216.555	1.00719	mg/L	0.003015	0.3	5777.68	1.00719 mg/L	Y 371.029
Ni 221.648	1.01545	mg/L	0.002832	0.3	2307.25	1.01545 mg/L	Y 371.029
Ni 231.604	1.01141	mg/L	0.005877	0.6	3739.33	1.01141 mg/L	Y 371.029
P 177.434	0.507084	mg/L	0.009244	1.8	86.2035	0.507084 mg/L	Y 371.029
P 213.618	0.524287	mg/L	0.005789	1.1	381.748	0.524287 mg/L	Y 371.029
P 214.914	0.492488	mg/L	0.022076	4.5	110.074	0.492488 mg/L	Y 371.029
Pb 220.353	1.01866	mg/L	0.001903	0.2	1331.66	1.01866 mg/L	Y 371.029
Pb 261.417	1.02047	mg/L	0.011907	1.2	565.724	1.02047 mg/L	Y 371.029
Pb 405.781	1.03888	mg/L	0.010780	1.0	1485.09	1.03888 mg/L	Y 371.029
Sb 206.834	0.846035	mg/L	0.003353	0.4	554.866	0.846035 mg/L	Y 371.029
Sb 231.146	0.883353	mg/L	0.005112	0.6	432.450	0.883353 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.000813	0.1	368.671	uncal mg/L	Y 371.029
Se 196.026	0.990124	mg/L	0.039214	4.0	325.068	0.990124 mg/L	Y 371.029
Se 203.985	1.00327	mg/L	0.041685	4.2	190.310	1.00327 mg/L	Y 371.029
Si 250.690	1.01012	mg/L	0.002733	0.3	1392.14	1.01012 mg/L	Y 371.029
Si 251.611	0.996633	mg/L	0.007210	0.7	1609.20	0.996633 mg/L	Y 371.029
Si 288.158	0.964641	mg/L	0.002250	0.2	8452.87	0.964641 mg/L	Y 371.029
Sn 189.927	0.969008	mg/L	0.004539	0.5	299.321	0.969008 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004951	0.4	2100.04	uncal mg/L	Y 371.029
Sr 216.596	0.515747	mg/L	0.001464	0.3	4944.22	0.515747 mg/L	Y 371.029
Sr 407.771	0.483349	mg/L	0.004393	0.9	1192888	0.483349 mg/L	Y 371.029
Sr 421.552	0.473419	mg/L	0.008140	1.7	737304	0.473419 mg/L	Y 371.029
Ti 334.941	0.479698	mg/L	0.008290	1.7	97618.3	0.479698 mg/L	Y 371.029
Ti 336.122	0.486490	mg/L	0.002542	0.5	42276.4	0.486490 mg/L	Y 371.029
Ti 337.280	0.499263	mg/L	0.002694	0.5	14991.5	0.499263 mg/L	Y 371.029
Tl 190.794	0.495354	mg/L	0.006495	1.3	187.933	0.495354 mg/L	Y 371.029
Tl 190.807	0.505072	mg/L	0.004610	0.9	102.772	0.505072 mg/L	Y 371.029
Tl 351.923	0.472047	mg/L	0.009480	2.0	677.277	0.472047 mg/L	Y 371.029
V 268.796	0.517905	mg/L	0.004638	0.9	5433.19	0.517905 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.511680	mg/L	0.000617	0.1	16767.4	0.511680 mg/L	Y 371.029
V 311.837	0.515384	mg/L	0.000441	0.1	22964.2	0.515384 mg/L	Y 371.029
Zn 202.548	0.519215	mg/L	0.001093	0.2	6336.38	0.519215 mg/L	Y 371.029
Zn 206.200	0.521161	mg/L	0.005732	1.1	1984.91	0.521161 mg/L	Y 371.029
Zn 213.857	0.504823	mg/L	0.007620	1.5	10352.0	0.504823 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22434	9817.72	131.587	1.3
Y 371.029	0.869087	143318	1742.819	1.2

SEQ-CCB8 (Samp) **4/7/2011, 11:21:10 AM** **Rack 3, Tube 22**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015950uv	mg/L	0.000253	1.6	715.214	-0.015950 mg/L	Y 371.029
Ag 338.289	-0.009853uv	mg/L	0.001325	13.4	2.51329	-0.009853 mg/L	Y 371.029
Al 237.312	0.007112	mg/L	0.004547	63.9	70.0233	0.007112 mg/L	Y 371.029
Al 257.509	0.002884uv	mg/L	0.003206	111.2	15.1565	0.002884 mg/L	Y 371.029
Al 308.215	-0.010088uv	mg/L	0.001148	11.4	892.197	-0.010088 mg/L	Y 371.029
As 188.980	0.009998	mg/L	0.004677	46.8	9.27409	0.009998 mg/L	Y 371.029
As 193.696	0.005261	mg/L	0.003110	59.1	3.38841	0.005261 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005988	190.4	17.7336	uncal mg/L	Y 371.029
B 182.577	0.004891	mg/L	0.002991	61.1	7.21842	0.004891 mg/L	Y 371.029
B 249.678	0.009670	mg/L	0.001423	14.7	108.451	0.009670 mg/L	Y 371.029
B 249.772	0.009446	mg/L	0.001241	13.1	225.285	0.009446 mg/L	Y 371.029
Ba 233.527	-0.000044uv	mg/L	0.000073	164.5	193.775	-0.000044 mg/L	Y 371.029
Ba 455.403	0.000129	mg/L	0.000024	18.8	4200.53	0.000129 mg/L	Y 371.029
Ba 493.408	-0.000011uv	mg/L	0.000041	359.5	2505.47	-0.000011 mg/L	Y 371.029
Be 234.861	0.000107	mg/L	0.000011	10.1	-0.119357	0.000107 mg/L	Y 371.029
Be 313.042	0.000200	mg/L	0.000009	4.5	1645.93	0.000200 mg/L	Y 371.029
Be 313.107	0.000020	mg/L	0.000009	44.4	88.2794	0.000020 mg/L	Y 371.029
Ca 393.366	-0.002212nuv	mg/L	0.000051	2.3	17335.0	-0.002212 mg/L	Y 371.029
Ca 396.847	-0.001654uv	mg/L	0.000086	5.2	23699.9	-0.001654 mg/L	Y 371.029
Ca 430.253	-0.020598uv	mg/L	0.004251	20.6	1278.14	-0.020598 mg/L	Y 371.029
Cd 214.439	0.000207	mg/L	0.000062	29.6	2.88589	0.000207 mg/L	Y 371.029
Cd 226.502	0.000100	mg/L	0.000092	91.7	21.9183	0.000100 mg/L	Y 371.029
Cd 228.802	-0.000088uv	mg/L	0.000512	579.7	22.0191	-0.000088 mg/L	Y 371.029
Co 228.615	-0.000230uv	mg/L	0.000708	307.9	10.0897	-0.000230 mg/L	Y 371.029
Co 230.786	0.000640	mg/L	0.000492	76.8	12.6934	0.000640 mg/L	Y 371.029
Co 238.892	-0.000203uv	mg/L	0.000510	251.7	5.57715	-0.000203 mg/L	Y 371.029
Cr 205.560	-0.000455uv	mg/L	0.000061	13.3	4.26649	-0.000455 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000321	123.3	2.23801	uncal mg/L	Y 371.029
Cr 267.716	0.000066uv	mg/L	0.000277	421.1	24.1792	0.000066 mg/L	Y 371.029
Cu 213.598	0.000312uv	mg/L	0.000949	303.8	4.03058	0.000312 mg/L	Y 371.029
Cu 324.754	0.000061uv	mg/L	0.000123	203.8	585.137	0.000061 mg/L	Y 371.029
Cu 327.395	0.000498uv	mg/L	0.000613	123.1	45.1482	0.000498 mg/L	Y 371.029
Fe 234.350	0.004052	mg/L	0.001097	27.1	50.5811	0.004052 mg/L	Y 371.029
Fe 238.204	0.003983	mg/L	0.001244	31.2	101.726	0.003983 mg/L	Y 371.029
Fe 259.940	0.004564	mg/L	0.001680	36.8	113.877	0.004564 mg/L	Y 371.029
Ga 287.423	-0.000636uv	mg/L	0.000667	104.8	11.0812	-0.000636 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	-0.000875uv	mg/L	0.001135	129.7	16.9055	-0.000875 mg/L	Y 371.029
Ga 417.204	0.001146	mg/L	0.000994	86.8	90.6604	0.001146 mg/L	Y 371.029
K 766.491	0.003529	mg/L	0.000286	8.1	2509.80	0.003529 mg/L	Y 371.029
K 769.897	0.008350	mg/L	0.001314	15.7	13376.7	0.008350 mg/L	Y 371.029
Li 610.365	0.004999	mg/L	0.000103	2.1	15.3865	0.004999 mg/L	Y 371.029
Li 670.783	0.001100	mg/L	0.000025	2.3	75901.4	0.001100 mg/L	Y 371.029
Mg 279.078	0.001773	mg/L	0.000882	49.7	18.0788	0.001773 mg/L	Y 371.029
Mg 280.270	-0.001422uv	mg/L	0.000063	4.4	347.159	-0.001422 mg/L	Y 371.029
Mg 285.213	0.000349	mg/L	0.000378	108.3	92.9168	0.000349 mg/L	Y 371.029
Mn 257.610	-0.000076uv	mg/L	0.000004	5.8	-2.63978	-0.000076 mg/L	Y 371.029
Mn 259.372	0.000062	mg/L	0.000021	33.5	64.3220	0.000062 mg/L	Y 371.029
Mn 260.568	0.000065uv	mg/L	0.000208	319.5	5.39528	0.000065 mg/L	Y 371.029
Mo 202.032	0.024726	mg/L	0.002426	9.8	110.577	0.024726 mg/L	Y 371.029
Mo 203.846	0.023796	mg/L	0.004991	21.0	40.1574	0.023796 mg/L	Y 371.029
Mo 204.598	0.025466	mg/L	0.003987	15.7	43.2897	0.025466 mg/L	Y 371.029
Na 568.821	0.290571	mg/L	0.087895	30.2	197.123	0.290571 mg/L	Y 371.029
Na 588.995	-0.145376uv	mg/L	0.001575	1.1	218068	-0.145376 mg/L	Y 371.029
Na 589.592	-0.005618uv	mg/L	0.000901	16.0	77190.3	-0.005618 mg/L	Y 371.029
Ni 216.555	0.000504	mg/L	0.000316	62.7	5.04787	0.000504 mg/L	Y 371.029
Ni 221.648	-0.000473uv	mg/L	0.000127	26.9	1.58738	-0.000473 mg/L	Y 371.029
Ni 231.604	-0.000078uv	mg/L	0.000746	957.1	7.72338	-0.000078 mg/L	Y 371.029
P 177.434	0.003479uv	mg/L	0.004757	136.8	2.50671	0.003479 mg/L	Y 371.029
P 213.618	0.003022	mg/L	0.000514	17.0	2.96452	0.003022 mg/L	Y 371.029
P 214.914	-0.002618uv	mg/L	0.009223	352.2	1.52194	-0.002618 mg/L	Y 371.029
Pb 220.353	0.004558	mg/L	0.001867	41.0	10.0269	0.004558 mg/L	Y 371.029
Pb 261.417	0.009697	mg/L	0.003776	38.9	26.2609	0.009697 mg/L	Y 371.029
Pb 405.781	0.014190	mg/L	0.010984	77.4	55.7948	0.014190 mg/L	Y 371.029
Sb 206.834	0.038063	mg/L	0.003045	8.0	33.3812	0.038063 mg/L	Y 371.029
Sb 231.146	0.047114	mg/L	0.004070	8.6	27.7365	0.047114 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.009310	20.0	24.9419	uncal mg/L	Y 371.029
Se 196.026	0.015287	mg/L	0.000679	4.4	10.8960	0.015287 mg/L	Y 371.029
Se 203.985	0.016966	mg/L	0.015078	88.9	6.20590	0.016966 mg/L	Y 371.029
Si 250.690	-0.010764uv	mg/L	0.004627	43.0	27.7097	-0.010764 mg/L	Y 371.029
Si 251.611	-0.003155uv	mg/L	0.001121	35.5	19.4844	-0.003155 mg/L	Y 371.029
Si 288.158	-0.001789uv	mg/L	0.000223	12.5	869.608	-0.001789 mg/L	Y 371.029
Sn 189.927	-0.001277uv	mg/L	0.004064	318.3	3.01371	-0.001277 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.001738	25.0	22.0614	uncal mg/L	Y 371.029
Sr 216.596	0.000411uv	mg/L	0.000387	94.3	24.8447	0.000411 mg/L	Y 371.029
Sr 407.771	-0.000018uv	mg/L	0.000006	33.7	5436.57	-0.000018 mg/L	Y 371.029
Sr 421.552	-0.000044uv	mg/L	0.000002	5.2	3086.72	-0.000044 mg/L	Y 371.029
Ti 334.941	0.000543	mg/L	0.000148	27.3	215.501	0.000543 mg/L	Y 371.029
Ti 336.122	0.000611	mg/L	0.000468	76.6	95.9866	0.000611 mg/L	Y 371.029
Ti 337.280	0.000785	mg/L	0.000289	36.8	20.2299	0.000785 mg/L	Y 371.029
Tl 190.794	0.005568	mg/L	0.002321	41.7	2.63296	0.005568 mg/L	Y 371.029
Tl 190.807	0.000656	mg/L	0.000527	80.2	1.57042	0.000656 mg/L	Y 371.029
Tl 351.923	0.000311uv	mg/L	0.004191	1349.3	16.5788	0.000311 mg/L	Y 371.029
V 268.796	0.000888	mg/L	0.000548	61.8	66.0431	0.000888 mg/L	Y 371.029
V 292.401	0.000006uv	mg/L	0.000509	8263.2	29.7487	0.000006 mg/L	Y 371.029
V 311.837	0.001002	mg/L	0.000131	13.0	11.7573	0.001002 mg/L	Y 371.029
Zn 202.548	0.002749	mg/L	0.000042	1.5	782.575	0.002749 mg/L	Y 371.029
Zn 206.200	0.002515	mg/L	0.000794	31.6	246.187	0.002515 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.002294	mg/L	0.000061	2.7	1290.73	0.002294 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24707	9999.99	40.156	0.4
Y 371.029	0.888460	146513	403.962	0.3

11C1255-48 (Samp) **4/7/2011, 11:26:39 AM** **Rack 3, Tube 23**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.020961uvb	mg/L	0.000324	1.5	701.638	-0.020961 mg/L	Y 371.029
Ag 338.289	-0.010121uvb	mg/L	0.001789	17.7	1.88622	-0.010121 mg/L	Y 371.029
Al 237.312	0.033269b	mg/L	0.007747	23.3	91.2674	0.033269 mg/L	Y 371.029
Al 257.509	0.024884b	mg/L	0.012386	49.8	42.2628	0.024884 mg/L	Y 371.029
Al 308.215	0.104134b	mg/L	0.002986	2.9	1208.57	0.104134 mg/L	Y 371.029
As 188.980	0.021405b	mg/L	0.002693	12.6	9.38911	0.021405 mg/L	Y 371.029
As 193.696	0.011500b	mg/L	0.003587	31.2	4.16014	0.011500 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007726	61.4	12.0169	uncal mg/L	Y 371.029
B 182.577	0.133717b	mg/L	0.001918	1.4	75.4042	0.133717 mg/L	Y 371.029
B 249.678	0.000723b	mg/L	0.000840	116.3	106.366	0.000723 mg/L	Y 371.029
B 249.772	0.043779b	mg/L	0.005322	12.2	2445.24	0.043779 mg/L	Y 371.029
Ba 233.527	0.015363b	mg/L	0.000462	3.0	962.062	0.015363 mg/L	Y 371.029
Ba 455.403	0.017029b	mg/L	0.000502	2.9	20931.8	0.017029 mg/L	Y 371.029
Ba 493.408	0.015851b	mg/L	0.000499	3.1	12479.0	0.015851 mg/L	Y 371.029
Be 234.861	0.002247uvb	mg/L	0.002197	97.8	-270.646	0.002247 mg/L	Y 371.029
Be 313.042	0.001265b	mg/L	0.000048	3.8	3429.60	0.001265 mg/L	Y 371.029
Be 313.107	0.000938b	mg/L	0.000025	2.7	870.765	0.000938 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	1.16466	3.6	40987200	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.347554	1.7	39548836	- mg/L	Y 371.029
Ca 430.253	48.6774b	mg/L	1.31166	2.7	219712	48.6774 mg/L	Y 371.029
Cd 214.439	0.001477b	mg/L	0.000069	4.7	44.8369	0.001477 mg/L	Y 371.029
Cd 226.502	0.001846b	mg/L	0.000252	13.7	341.776	0.001846 mg/L	Y 371.029
Cd 228.802	0.000692uvb	mg/L	0.000081	11.7	20.3506	0.000692 mg/L	Y 371.029
Co 228.615	0.175781b	mg/L	0.005990	3.4	2102.68	0.175781 mg/L	Y 371.029
Co 230.786	0.169876b	mg/L	0.006535	3.8	1432.12	0.169876 mg/L	Y 371.029
Co 238.892	0.157923b	mg/L	0.008547	5.4	318.184	0.157923 mg/L	Y 371.029
Cr 205.560	-0.016624uvb	mg/L	0.000224	1.3	4.16200	-0.016624 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000924	5.8	2.76822	uncal mg/L	Y 371.029
Cr 267.716	-0.015615b	mg/L	0.000156	1.0	30.4875	-0.015615 mg/L	Y 371.029
Cu 213.598	-0.028982b	mg/L	0.000343	1.2	113.859	-0.028982 mg/L	Y 371.029
Cu 324.754	-0.012679uvb	mg/L	0.000373	2.9	478.877	-0.012679 mg/L	Y 371.029
Cu 327.395	-0.025143uvb	mg/L	0.000128	0.5	16.1249	-0.025143 mg/L	Y 371.029
Fe 234.350	92.8045b	mg/L	3.99795	4.3	837591	92.8045 mg/L	Y 371.029
Fe 238.204	90.8833b	mg/L	3.73015	4.1	1749069	90.8833 mg/L	Y 371.029
Fe 259.940	91.9076b	mg/L	3.80348	4.1	1414057	91.9076 mg/L	Y 371.029
Ga 287.423	-0.407756b	mg/L	0.007310	1.8	841.244	-0.407756 mg/L	Y 371.029
Ga 294.363	-0.009621b	mg/L	0.000162	1.7	42.8255	-0.009621 mg/L	Y 371.029
Ga 417.204	-0.000443b	mg/L	0.000206	46.5	346.139	-0.000443 mg/L	Y 371.029
K 766.491	1.63941b	mg/L	0.035482	2.2	127837	1.63941 mg/L	Y 371.029
K 769.897	1.57604b	mg/L	0.037961	2.4	106600	1.57604 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.007499b	mg/L	0.000081	1.1	135.962	0.007499 mg/L	Y 371.029
Li 670.783	0.013495b	mg/L	0.000649	4.8	142751	0.013495 mg/L	Y 371.029
Mg 279.078	77.3291b	mg/L	2.07311	2.7	135757	77.3291 mg/L	Y 371.029
Mg 280.270	68.5602b	mg/L	1.72392	2.5	6227080	68.5602 mg/L	Y 371.029
Mg 285.213	75.7128b	mg/L	1.88497	2.5	2684894	75.7128 mg/L	Y 371.029
Mn 257.610	2.07954b	mg/L	0.093842	4.5	316099	2.07954 mg/L	Y 371.029
Mn 259.372	2.01165b	mg/L	0.097080	4.8	246010	2.01165 mg/L	Y 371.029
Mn 260.568	2.06689b	mg/L	0.061471	3.0	41867.8	2.06689 mg/L	Y 371.029
Mo 202.032	-0.069619uvb	mg/L	0.001828	2.6	28.1041	-0.069619 mg/L	Y 371.029
Mo 203.846	-0.071442b	mg/L	0.001374	1.9	16.2452	-0.071442 mg/L	Y 371.029
Mo 204.598	-0.075529b	mg/L	0.001176	1.6	9.89371	-0.075529 mg/L	Y 371.029
Na 568.821	139.760b	mg/L	3.51856	2.5	38292.1	139.760 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.999059	1.6	37376508	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.75130	1.9	30951950	- mg/L	Y 371.029
Ni 216.555	0.169028b	mg/L	0.007317	4.3	1462.71	0.169028 mg/L	Y 371.029
Ni 221.648	0.169774b	mg/L	0.005576	3.3	573.601	0.169774 mg/L	Y 371.029
Ni 231.604	0.174316b	mg/L	0.006443	3.7	958.841	0.174316 mg/L	Y 371.029
P 177.434	-0.005479uvb	mg/L	0.007883	143.9	3.35276	-0.005479 mg/L	Y 371.029
P 213.618	-0.027420uvb	mg/L	0.003380	12.3	2.93680	-0.027420 mg/L	Y 371.029
P 214.914	0.001564b	mg/L	0.012090	772.9	17.3168	0.001564 mg/L	Y 371.029
Pb 220.353	-0.002133uvb	mg/L	0.003476	163.0	5.10188	-0.002133 mg/L	Y 371.029
Pb 261.417	-0.003448uvb	mg/L	0.011454	332.2	24.2016	-0.003448 mg/L	Y 371.029
Pb 405.781	-0.044558b	mg/L	0.005460	12.3	56.0982	-0.044558 mg/L	Y 371.029
Sb 206.834	-0.019449b	mg/L	0.002986	15.4	13.8076	-0.019449 mg/L	Y 371.029
Sb 231.146	0.021467b	mg/L	0.010056	46.8	19.7214	0.021467 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.049770	16.4	24.9558	uncal mg/L	Y 371.029
Se 196.026	-0.002726uvb	mg/L	0.004057	148.8	3.16170	-0.002726 mg/L	Y 371.029
Se 203.985	0.029700uvb	mg/L	0.008578	28.9	2.46052	0.029700 mg/L	Y 371.029
Si 250.690	19.5764b	mg/L	0.796077	4.1	26074.1	19.5764 mg/L	Y 371.029
Si 251.611	19.2837b	mg/L	0.770219	4.0	30234.9	19.2837 mg/L	Y 371.029
Si 288.158	18.7447b	mg/L	0.384507	2.1	148154	18.7447 mg/L	Y 371.029
Sn 189.927	-0.003616uvb	mg/L	0.004255	117.7	3.90462	-0.003616 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.005367	11.9	10.4971	uncal mg/L	Y 371.029
Sr 216.596	0.242202b	mg/L	0.006870	2.8	2538.52	0.242202 mg/L	Y 371.029
Sr 407.771	0.235557b	mg/L	0.004776	2.0	587629	0.235557 mg/L	Y 371.029
Sr 421.552	0.237186b	mg/L	0.005859	2.5	373384	0.237186 mg/L	Y 371.029
Ti 334.941	-0.004720b	mg/L	0.000248	5.3	204.331	-0.004720 mg/L	Y 371.029
Ti 336.122	-0.004620uvb	mg/L	0.000335	7.3	58.9638	-0.004620 mg/L	Y 371.029
Ti 337.280	-0.004660b	mg/L	0.000247	5.3	32.3089	-0.004660 mg/L	Y 371.029
Tl 190.794	-0.001149b	mg/L	0.001893	164.7	1.47645	-0.001149 mg/L	Y 371.029
Tl 190.807	0.007664uvb	mg/L	0.004216	55.0	1.78469	0.007664 mg/L	Y 371.029
Tl 351.923	0.013521uvb	mg/L	0.009602	71.0	25.8671	0.013521 mg/L	Y 371.029
V 268.796	-0.022169b	mg/L	0.000212	1.0	52.2196	-0.022169 mg/L	Y 371.029
V 292.401	-0.017424uvb	mg/L	0.000242	1.4	5.01215	-0.017424 mg/L	Y 371.029
V 311.837	-0.012347b	mg/L	0.000206	1.7	14.7692	-0.012347 mg/L	Y 371.029
Zn 202.548	0.143368b	mg/L	0.004608	3.2	2615.01	0.143368 mg/L	Y 371.029
Zn 206.200	0.151408b	mg/L	0.005579	3.7	857.660	0.151408 mg/L	Y 371.029
Zn 213.857	0.153507b	mg/L	0.006360	4.1	4738.02	0.153507 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.25854	10092.0	175.703	1.7
Y 371.029	0.893937	147416	2518.857	1.7

11C1255-49 (Samp) **4/7/2011, 11:30:52 AM** **Rack 3, Tube 24**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.028270uvb	mg/L	0.000193	0.7	749.075	-0.028270 mg/L	Y 371.029
Ag 338.289	-0.009758uvb	mg/L	0.002079	21.3	4.82524	-0.009758 mg/L	Y 371.029
Al 237.312	0.019593uvb	mg/L	0.000288	1.5	27.4689	0.019593 mg/L	Y 371.029
Al 257.509	-0.089789uvb	mg/L	0.014355	16.0	11.2496	-0.089789 mg/L	Y 371.029
Al 308.215	0.138762uvb	mg/L	0.002338	1.7	929.444	0.138762 mg/L	Y 371.029
As 188.980	0.040834b	mg/L	0.002455	6.0	8.80893	0.040834 mg/L	Y 371.029
As 193.696	0.018273uvb	mg/L	0.002388	13.1	1.85741	0.018273 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005510	15.5	12.3970	uncal mg/L	Y 371.029
B 182.577	0.143698b	mg/L	0.002872	2.0	80.5213	0.143698 mg/L	Y 371.029
B 249.678	0.067125b	mg/L	0.001131	1.7	781.258	0.067125 mg/L	Y 371.029
B 249.772	0.163789b	mg/L	0.004808	2.9	6290.26	0.163789 mg/L	Y 371.029
Ba 233.527	0.074995b	mg/L	0.001031	1.4	3407.82	0.074995 mg/L	Y 371.029
Ba 455.403	0.078105b	mg/L	0.001211	1.6	73957.8	0.078105 mg/L	Y 371.029
Ba 493.408	0.076719b	mg/L	0.001314	1.7	44787.8	0.076719 mg/L	Y 371.029
Be 234.861	-0.000763uvb	mg/L	0.000285	37.3	-1158.53	-0.000763 mg/L	Y 371.029
Be 313.042	0.000340b	mg/L	0.000006	1.7	1745.51	0.000340 mg/L	Y 371.029
Be 313.107	-0.000024b	mg/L	0.000011	44.6	87.7553	-0.000024 mg/L	Y 371.029
Ca 393.366	22.2301nb	mg/L	0.291700	1.3	28570816	22.2301 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.194340	1.0	40101980	- mg/L	Y 371.029
Ca 430.253	28.6532b	mg/L	0.422430	1.5	131785	28.6532 mg/L	Y 371.029
Cd 214.439	0.001561b	mg/L	0.000181	11.6	62.9488	0.001561 mg/L	Y 371.029
Cd 226.502	0.003177b	mg/L	0.000261	8.2	646.830	0.003177 mg/L	Y 371.029
Cd 228.802	0.001626uvb	mg/L	0.000167	10.3	22.1259	0.001626 mg/L	Y 371.029
Co 228.615	-0.081251uvb	mg/L	0.000212	0.3	5.13413	-0.081251 mg/L	Y 371.029
Co 230.786	-0.089169b	mg/L	0.000232	0.3	48.6042	-0.089169 mg/L	Y 371.029
Co 238.892	0.025849uvb	mg/L	0.003497	13.5	-1124.67	0.025849 mg/L	Y 371.029
Cr 205.560	-0.033050uvb	mg/L	0.000135	0.4	3.15839	-0.033050 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000432	1.2	2.47930	uncal mg/L	Y 371.029
Cr 267.716	-0.031500b	mg/L	0.000269	0.9	32.3554	-0.031500 mg/L	Y 371.029
Cu 213.598	-0.058701b	mg/L	0.002663	4.5	233.966	-0.058701 mg/L	Y 371.029
Cu 324.754	-0.023521uvb	mg/L	0.000222	0.9	367.472	-0.023521 mg/L	Y 371.029
Cu 327.395	-0.049028uvb	mg/L	0.000018	0.0	9.44978	-0.049028 mg/L	Y 371.029
Fe 234.350	188.133b	mg/L	6.42077	3.4	1697391	188.133 mg/L	Y 371.029
Fe 238.204	180.384b	mg/L	5.30286	2.9	3470517	180.384 mg/L	Y 371.029
Fe 259.940	182.541b	mg/L	6.14821	3.4	2808365	182.541 mg/L	Y 371.029
Ga 287.423	-0.795866b	mg/L	0.007821	1.0	1768.51	-0.795866 mg/L	Y 371.029
Ga 294.363	-0.021733b	mg/L	0.001263	5.8	80.5398	-0.021733 mg/L	Y 371.029
Ga 417.204	-0.005688b	mg/L	0.001349	23.7	632.765	-0.005688 mg/L	Y 371.029
K 766.491	7.30207b	mg/L	0.046229	0.6	557715	7.30207 mg/L	Y 371.029
K 769.897	7.26931b	mg/L	0.089869	1.2	440952	7.26931 mg/L	Y 371.029
Li 610.365	0.005831b	mg/L	0.000146	2.5	55.4897	0.005831 mg/L	Y 371.029
Li 670.783	0.005581b	mg/L	0.000224	4.0	122189	0.005581 mg/L	Y 371.029
Mg 279.078	47.9083b	mg/L	0.619473	1.3	84150.3	47.9083 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	50.0214b	mg/L	1.18994	2.4	4544338	50.0214 mg/L	Y 371.029
Mg 285.213	49.0083b	mg/L	1.03718	2.1	1738209	49.0083 mg/L	Y 371.029
Mn 257.610	4.36442b	mg/L	0.151987	3.5	663238	4.36442 mg/L	Y 371.029
Mn 259.372	4.34517b	mg/L	0.072662	1.7	527759	4.34517 mg/L	Y 371.029
Mn 260.568	4.43980b	mg/L	0.061500	1.4	89099.1	4.43980 mg/L	Y 371.029
Mo 202.032	-0.284253uvb	mg/L	0.001423	0.5	16.8286	-0.284253 mg/L	Y 371.029
Mo 203.846	-0.297892b	mg/L	0.000055	0.0	15.4306	-0.297892 mg/L	Y 371.029
Mo 204.598	-0.304983b	mg/L	0.001815	0.6	9.24538	-0.304983 mg/L	Y 371.029
Na 568.821	-xb	mg/L	7.13230	1.4	142734	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.482824	0.9	31757000	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.451178	0.5	30864218	- mg/L	Y 371.029
Ni 216.555	-0.158267b	mg/L	0.000564	0.4	84.1411	-0.158267 mg/L	Y 371.029
Ni 221.648	-0.163084b	mg/L	0.001018	0.6	7.82302	-0.163084 mg/L	Y 371.029
Ni 231.604	-0.157988b	mg/L	0.000589	0.4	15.8991	-0.157988 mg/L	Y 371.029
P 177.434	-0.015936uvb	mg/L	0.005757	36.1	2.63313	-0.015936 mg/L	Y 371.029
P 213.618	-0.068357uvb	mg/L	0.003703	5.4	3.29778	-0.068357 mg/L	Y 371.029
P 214.914	-0.004791b	mg/L	0.001741	36.3	28.0395	-0.004791 mg/L	Y 371.029
Pb 220.353	-0.004157uvb	mg/L	0.002269	54.6	4.30024	-0.004157 mg/L	Y 371.029
Pb 261.417	0.058147b	mg/L	0.008555	14.7	100.774	0.058147 mg/L	Y 371.029
Pb 405.781	-0.095696uvb	mg/L	0.005464	5.7	36.1191	-0.095696 mg/L	Y 371.029
Sb 206.834	-0.057642b	mg/L	0.004836	8.4	14.0384	-0.057642 mg/L	Y 371.029
Sb 231.146	0.079411b	mg/L	0.004285	5.4	25.9405	0.079411 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.159517	51.8	148.381	uncal mg/L	Y 371.029
Se 196.026	0.011288uvb	mg/L	0.002928	25.9	2.07565	0.011288 mg/L	Y 371.029
Se 203.985	0.075646b	mg/L	0.010349	13.7	5.73467	0.075646 mg/L	Y 371.029
Si 250.690	19.0185b	mg/L	0.300998	1.6	25390.6	19.0185 mg/L	Y 371.029
Si 251.611	18.7640b	mg/L	0.309853	1.7	29454.3	18.7640 mg/L	Y 371.029
Si 288.158	17.9606b	mg/L	0.021345	0.1	141803	17.9606 mg/L	Y 371.029
Sn 189.927	-0.012039uvb	mg/L	0.002274	18.9	3.86902	-0.012039 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003539	5.4	12.8956	uncal mg/L	Y 371.029
Sr 216.596	0.245772b	mg/L	0.004756	1.9	2763.68	0.245772 mg/L	Y 371.029
Sr 407.771	0.244108b	mg/L	0.004919	2.0	607688	0.244108 mg/L	Y 371.029
Sr 421.552	0.245769b	mg/L	0.003238	1.3	386332	0.245769 mg/L	Y 371.029
Ti 334.941	-0.009788b	mg/L	0.000084	0.9	127.760	-0.009788 mg/L	Y 371.029
Ti 336.122	-0.010008uvb	mg/L	0.000013	0.1	12.7103	-0.010008 mg/L	Y 371.029
Ti 337.280	-0.010411b	mg/L	0.000105	1.0	15.9871	-0.010411 mg/L	Y 371.029
Tl 190.794	-0.001725b	mg/L	0.000975	56.5	1.69374	-0.001725 mg/L	Y 371.029
Tl 190.807	-0.000105b	mg/L	0.004249	4047.0	2.70011	-0.000105 mg/L	Y 371.029
Tl 351.923	0.024603uvb	mg/L	0.004239	17.2	16.3239	0.024603 mg/L	Y 371.029
V 268.796	-0.062578b	mg/L	0.000227	0.4	58.0987	-0.062578 mg/L	Y 371.029
V 292.401	-0.033945uvb	mg/L	0.000569	1.7	22.6047	-0.033945 mg/L	Y 371.029
V 311.837	-0.026533b	mg/L	0.000065	0.2	16.4270	-0.026533 mg/L	Y 371.029
Zn 202.548	-0.069793uvb	mg/L	0.002233	3.2	773.871	-0.069793 mg/L	Y 371.029
Zn 206.200	-0.063368b	mg/L	0.000614	1.0	260.569	-0.063368 mg/L	Y 371.029
Zn 213.857	-0.063590b	mg/L	0.000371	0.6	1650.07	-0.063590 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21290	9725.96	83.554	0.9
Y 371.029	0.857478	141404	776.489	0.5

11C1255-01 (Samp) **4/7/2011, 11:49:15 AM** **Rack 3, Tube 25**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015421uv	mg/L	0.000093	0.6	773.015	-0.154209 mg/L	Y 371.029
Ag 338.289	-0.010448uv	mg/L	0.001252	12.0	0.689062	-0.104480 mg/L	Y 371.029
Al 237.312	0.033185	mg/L	0.003150	9.5	107.785	0.331847 mg/L	Y 371.029
Al 257.509	0.043348	mg/L	0.009895	22.8	41.2083	0.433478 mg/L	Y 371.029
Al 308.215	0.030249	mg/L	0.001569	5.2	1104.96	0.302493 mg/L	Y 371.029
As 188.980	0.004229uv	mg/L	0.007127	168.5	6.57567	0.042287 mg/L	Y 371.029
As 193.696	0.010506	mg/L	0.000965	9.2	5.35845	0.105061 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001376	210.5	14.8906	uncal mg/L	Y 371.029
B 182.577	0.054805	mg/L	0.000763	1.4	32.9223	0.548053 mg/L	Y 371.029
B 249.678	0.049270	mg/L	0.000252	0.5	472.174	0.492704 mg/L	Y 371.029
B 249.772	0.051713	mg/L	0.000361	0.7	1036.82	0.517130 mg/L	Y 371.029
Ba 233.527	0.004261	mg/L	0.000041	1.0	380.665	0.042614 mg/L	Y 371.029
Ba 455.403	0.004582	mg/L	0.000019	0.4	8355.52	0.045818 mg/L	Y 371.029
Ba 493.408	0.004260	mg/L	0.000042	1.0	4916.56	0.042602 mg/L	Y 371.029
Be 234.861	0.000165	mg/L	0.000007	4.0	2.99458	0.001650 mg/L	Y 371.029
Be 313.042	0.000232	mg/L	0.000005	1.9	1697.15	0.002325 mg/L	Y 371.029
Be 313.107	0.000023	mg/L	0.000016	69.7	94.0602	0.000233 mg/L	Y 371.029
Ca 393.366	8.29210n	mg/L	0.036492	0.4	10649279	82.9210 mg/L	Y 371.029
Ca 396.847	7.73990	mg/L	0.038225	0.5	15316033	77.3990 mg/L	Y 371.029
Ca 430.253	9.15642	mg/L	0.023690	0.3	42300.1	91.5642 mg/L	Y 371.029
Cd 214.439	0.000350	mg/L	0.000112	31.9	6.07578	0.003501 mg/L	Y 371.029
Cd 226.502	0.000125	mg/L	0.000154	123.3	26.1361	0.001249 mg/L	Y 371.029
Cd 228.802	0.000111uv	mg/L	0.000126	113.4	24.7684	0.001109 mg/L	Y 371.029
Co 228.615	-0.000764uv	mg/L	0.000117	15.3	6.56115	-0.007638 mg/L	Y 371.029
Co 230.786	-0.000239uv	mg/L	0.001037	433.3	9.04409	-0.002392 mg/L	Y 371.029
Co 238.892	0.000408uv	mg/L	0.000356	87.3	5.58528	0.004076 mg/L	Y 371.029
Cr 205.560	-0.000225	mg/L	0.000092	40.9	6.43501	-0.002250 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000612	835.7	2.01208	uncal mg/L	Y 371.029
Cr 267.716	0.000216	mg/L	0.000398	184.4	32.9562	0.002159 mg/L	Y 371.029
Cu 213.598	-0.000362	mg/L	0.000258	71.2	4.53480	-0.003621 mg/L	Y 371.029
Cu 324.754	0.001879	mg/L	0.000071	3.8	626.541	0.018788 mg/L	Y 371.029
Cu 327.395	0.000791	mg/L	0.000366	46.3	74.3821	0.007912 mg/L	Y 371.029
Fe 234.350	0.699951	mg/L	0.003752	0.5	6375.04	6.99951 mg/L	Y 371.029
Fe 238.204	0.700695	mg/L	0.005890	0.8	13614.7	7.00695 mg/L	Y 371.029
Fe 259.940	0.693664	mg/L	0.012079	1.7	10770.7	6.93664 mg/L	Y 371.029
Ga 287.423	-0.002598	mg/L	0.002060	79.3	20.6256	-0.025984 mg/L	Y 371.029
Ga 294.363	0.000525uv	mg/L	0.002057	391.8	26.2572	0.005250 mg/L	Y 371.029
Ga 417.204	0.002672	mg/L	0.002169	81.2	104.881	0.026715 mg/L	Y 371.029
K 766.491	9.41516	mg/L	0.018286	0.2	714024	94.1516 mg/L	Y 371.029
K 769.897	9.41121	mg/L	0.019944	0.2	558310	94.1121 mg/L	Y 371.029
Li 610.365	0.004454	mg/L	0.000100	2.3	-10.9160	0.044543 mg/L	Y 371.029
Li 670.783	0.004083	mg/L	0.000049	1.2	88434.6	0.040826 mg/L	Y 371.029
Mg 279.078	4.60690	mg/L	0.017681	0.4	8100.09	46.0690 mg/L	Y 371.029
Mg 280.270	5.43141	mg/L	0.018616	0.3	493813	54.3141 mg/L	Y 371.029
Mg 285.213	4.77062	mg/L	0.019635	0.4	169248	47.7062 mg/L	Y 371.029
Mn 257.610	0.042480	mg/L	0.000763	1.8	6466.41	0.424796 mg/L	Y 371.029
Mn 259.372	0.042135	mg/L	0.000062	0.1	5030.41	0.421352 mg/L	Y 371.029
Mn 260.568	0.042789	mg/L	0.000177	0.4	891.492	0.427895 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.009761	mg/L	0.000467	4.8	92.6019	0.097611 mg/L	Y 371.029
Mo 203.846	0.010891	mg/L	0.001804	16.6	36.3776	0.108911 mg/L	Y 371.029
Mo 204.598	0.009445	mg/L	0.000368	3.9	33.7500	0.094446 mg/L	Y 371.029
Na 568.821	16.3097	mg/L	0.108974	0.7	4576.70	163.097 mg/L	Y 371.029
Na 588.995	16.3597	mg/L	0.072418	0.4	10141231	163.597 mg/L	Y 371.029
Na 589.592	16.2798	mg/L	0.065503	0.4	5495442	162.798 mg/L	Y 371.029
Ni 216.555	0.002531	mg/L	0.000386	15.3	20.6572	0.025307 mg/L	Y 371.029
Ni 221.648	0.003348	mg/L	0.000909	27.1	11.9410	0.033476 mg/L	Y 371.029
Ni 231.604	0.003138	mg/L	0.000597	19.0	22.9924	0.031381 mg/L	Y 371.029
P 177.434	0.014231	mg/L	0.002367	16.6	4.21398	0.142313 mg/L	Y 371.029
P 213.618	0.013445	mg/L	0.003095	23.0	11.5574	0.134449 mg/L	Y 371.029
P 214.914	0.014653	mg/L	0.012002	81.9	5.25538	0.146526 mg/L	Y 371.029
Pb 220.353	0.002612	mg/L	0.001515	58.0	7.86374	0.026122 mg/L	Y 371.029
Pb 261.417	0.001392uv	mg/L	0.008940	642.3	23.2888	0.013918 mg/L	Y 371.029
Pb 405.781	0.009678	mg/L	0.003608	37.3	57.4192	0.096775 mg/L	Y 371.029
Sb 206.834	-0.001334uv	mg/L	0.002220	166.4	9.76248	-0.013338 mg/L	Y 371.029
Sb 231.146	0.010024	mg/L	0.006397	63.8	11.1573	0.100239 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.005342	73.0	6.11874	uncal mg/L	Y 371.029
Se 196.026	0.001937uv	mg/L	0.003103	160.2	6.78421	0.019372 mg/L	Y 371.029
Se 203.985	0.001512uv	mg/L	0.009068	599.8	3.00921	0.015118 mg/L	Y 371.029
Si 250.690	0.876619	mg/L	0.004325	0.5	1207.37	8.76619 mg/L	Y 371.029
Si 251.611	0.862116	mg/L	0.002339	0.3	1389.36	8.62116 mg/L	Y 371.029
Si 288.158	0.829366	mg/L	0.004597	0.6	7461.94	8.29366 mg/L	Y 371.029
Sn 189.927	-0.001740uv	mg/L	0.001551	89.1	2.90964	-0.017403 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.005058	35.9	15.4762	uncal mg/L	Y 371.029
Sr 216.596	0.033955	mg/L	0.000212	0.6	349.034	0.339552 mg/L	Y 371.029
Sr 407.771	0.031598	mg/L	0.000254	0.8	83777.8	0.315979 mg/L	Y 371.029
Sr 421.552	0.031723	mg/L	0.000053	0.2	52779.5	0.317226 mg/L	Y 371.029
Ti 334.941	0.000966	mg/L	0.000065	6.8	317.152	0.009663 mg/L	Y 371.029
Ti 336.122	0.000171	mg/L	0.000127	74.0	61.8681	0.001713 mg/L	Y 371.029
Ti 337.280	0.000940	mg/L	0.000498	53.0	30.2969	0.009405 mg/L	Y 371.029
Tl 190.794	0.006181	mg/L	0.002005	32.4	2.68676	0.061805 mg/L	Y 371.029
Tl 190.807	0.000321uv	mg/L	0.001201	374.2	1.41520	0.003208 mg/L	Y 371.029
Tl 351.923	0.009184	mg/L	0.001581	17.2	28.7221	0.091843 mg/L	Y 371.029
V 268.796	0.000854	mg/L	0.000183	21.4	75.5615	0.008540 mg/L	Y 371.029
V 292.401	0.000729	mg/L	0.000254	34.9	59.1879	0.007287 mg/L	Y 371.029
V 311.837	0.001361	mg/L	0.000352	25.9	33.2295	0.013608 mg/L	Y 371.029
Zn 202.548	0.016126	mg/L	0.000454	2.8	955.703	0.161261 mg/L	Y 371.029
Zn 206.200	0.017247	mg/L	0.000670	3.9	305.933	0.172474 mg/L	Y 371.029
Zn 213.857	0.015853	mg/L	0.000266	1.7	1587.81	0.158529 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.25831	10090.1	27.525	0.3
Y 371.029	0.886316	146160	482.675	0.3

11C1255-02 (Samp) **4/7/2011, 11:53:08 AM** **Rack 3, Tube 26**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.016327uv	mg/L	0.000847	5.2	786.548	-0.163267 mg/L	Y 371.029
Ag 338.289	-0.008958uv	mg/L	0.001273	14.2	5.45230	-0.089580 mg/L	Y 371.029
Al 237.312	-0.009668uv	mg/L	0.005831	60.3	55.5313	-0.096679 mg/L	Y 371.029
Al 257.509	0.003768	mg/L	0.017527	465.2	24.0956	0.037679 mg/L	Y 371.029
Al 308.215	0.007676uv	mg/L	0.002330	30.4	917.672	0.076756 mg/L	Y 371.029
As 188.980	0.010074	mg/L	0.002400	23.8	7.48961	0.100745 mg/L	Y 371.029
As 193.696	0.007507	mg/L	0.003516	46.8	3.05574	0.075066 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.014157	512.2	11.9592	uncal mg/L	Y 371.029
B 182.577	0.008120	mg/L	0.002798	34.5	9.02551	0.081197 mg/L	Y 371.029
B 249.678	0.005923	mg/L	0.001850	31.2	87.0495	0.059232 mg/L	Y 371.029
B 249.772	0.008561	mg/L	0.000163	1.9	235.446	0.085610 mg/L	Y 371.029
Ba 233.527	0.011876	mg/L	0.000432	3.6	691.595	0.118762 mg/L	Y 371.029
Ba 455.403	0.012533	mg/L	0.000012	0.1	15334.6	0.125333 mg/L	Y 371.029
Ba 493.408	0.011929	mg/L	0.000017	0.1	8996.13	0.119290 mg/L	Y 371.029
Be 234.861	0.000336	mg/L	0.000030	9.0	22.4065	0.003364 mg/L	Y 371.029
Be 313.042	0.000670	mg/L	0.000008	1.2	2420.81	0.006702 mg/L	Y 371.029
Be 313.107	0.000415	mg/L	0.000018	4.3	415.049	0.004152 mg/L	Y 371.029
Ca 393.366	4.39835n	mg/L	0.036297	0.8	5663744	43.9835 mg/L	Y 371.029
Ca 396.847	3.94011	mg/L	0.006207	0.2	7816796	39.4011 mg/L	Y 371.029
Ca 430.253	4.62658	mg/L	0.038494	0.8	22267.5	46.2658 mg/L	Y 371.029
Cd 214.439	0.000287	mg/L	0.000100	35.0	4.65195	0.002869 mg/L	Y 371.029
Cd 226.502	0.000102	mg/L	0.000106	104.7	27.3773	0.001015 mg/L	Y 371.029
Cd 228.802	0.000203uv	mg/L	0.000272	133.8	25.8651	0.002033 mg/L	Y 371.029
Co 228.615	0.000948uv	mg/L	0.000960	101.2	20.8045	0.009484 mg/L	Y 371.029
Co 230.786	0.000004uv	mg/L	0.000178	4758.9	9.34164	0.000037 mg/L	Y 371.029
Co 238.892	0.000206uv	mg/L	0.000357	173.1	5.47547	0.002062 mg/L	Y 371.029
Cr 205.560	-0.000345uv	mg/L	0.000209	60.5	6.48228	-0.003451 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000963	188.9	3.72140	uncal mg/L	Y 371.029
Cr 267.716	-0.000271	mg/L	0.000060	22.2	27.0784	-0.002709 mg/L	Y 371.029
Cu 213.598	-0.001407uv	mg/L	0.000669	47.6	4.74187	-0.014070 mg/L	Y 371.029
Cu 324.754	0.002858	mg/L	0.000554	19.4	618.067	0.028585 mg/L	Y 371.029
Cu 327.395	-0.000282	mg/L	0.000207	73.5	43.7636	-0.002820 mg/L	Y 371.029
Fe 234.350	0.983235	mg/L	0.019073	1.9	8983.40	9.83235 mg/L	Y 371.029
Fe 238.204	0.994045	mg/L	0.001981	0.2	19395.3	9.94045 mg/L	Y 371.029
Fe 259.940	1.00308	mg/L	0.015805	1.6	15614.1	10.0308 mg/L	Y 371.029
Ga 287.423	-0.000679	mg/L	0.005445	801.9	32.6225	-0.006791 mg/L	Y 371.029
Ga 294.363	0.000213	mg/L	0.001386	651.9	29.6509	0.002127 mg/L	Y 371.029
Ga 417.204	0.001116	mg/L	0.001192	106.8	97.0768	0.011160 mg/L	Y 371.029
K 766.491	1.46015	mg/L	0.009377	0.6	113027	14.6015 mg/L	Y 371.029
K 769.897	1.42690	mg/L	0.014613	1.0	96441.9	14.2690 mg/L	Y 371.029
Li 610.365	0.004946	mg/L	0.000050	1.0	12.8033	0.049459 mg/L	Y 371.029
Li 670.783	0.002677	mg/L	0.000149	5.6	85357.0	0.026771 mg/L	Y 371.029
Mg 279.078	8.01368	mg/L	0.026388	0.3	14076.8	80.1368 mg/L	Y 371.029
Mg 280.270	9.07624	mg/L	0.135208	1.5	824886	90.7624 mg/L	Y 371.029
Mg 285.213	8.47290	mg/L	0.072210	0.9	300576	84.7290 mg/L	Y 371.029
Mn 257.610	0.592473	mg/L	0.015390	2.6	89839.1	5.92473 mg/L	Y 371.029
Mn 259.372	0.588962	mg/L	0.011108	1.9	67060.7	5.88962 mg/L	Y 371.029
Mn 260.568	0.602263	mg/L	0.009931	1.6	12075.7	6.02263 mg/L	Y 371.029
Mo 202.032	-0.035768	mg/L	0.000499	1.4	38.6058	-0.357677 mg/L	Y 371.029
Mo 203.846	-0.037158	mg/L	0.001660	4.5	13.0032	-0.371582 mg/L	Y 371.029
Mo 204.598	-0.037238	mg/L	0.002115	5.7	9.03895	-0.372375 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	70.2688	mg/L	0.349166	0.5	19271.5	702.688 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.951898	1.9	30002784	- mg/L	Y 371.029
Na 589.592	61.1658	mg/L	0.533817	0.9	20425044	611.658 mg/L	Y 371.029
Ni 216.555	-0.000418uv	mg/L	0.000804	192.2	5.73263	-0.004183 mg/L	Y 371.029
Ni 221.648	-0.000507uv	mg/L	0.000770	151.9	4.27082	-0.005070 mg/L	Y 371.029
Ni 231.604	-0.000872uv	mg/L	0.000989	113.5	8.76323	-0.008720 mg/L	Y 371.029
P 177.434	-0.001541uv	mg/L	0.001508	97.9	1.29943	-0.015410 mg/L	Y 371.029
P 213.618	-0.004934uv	mg/L	0.001518	30.8	1.60288	-0.049339 mg/L	Y 371.029
P 214.914	0.008153	mg/L	0.008008	98.2	3.85613	0.081526 mg/L	Y 371.029
Pb 220.353	0.001351	mg/L	0.000818	60.6	6.57134	0.013509 mg/L	Y 371.029
Pb 261.417	-0.017002uv	mg/L	0.005410	31.8	20.5879	-0.170019 mg/L	Y 371.029
Pb 405.781	0.004991	mg/L	0.002716	54.4	60.3902	0.049912 mg/L	Y 371.029
Sb 206.834	-0.006711uv	mg/L	0.002763	41.2	9.06537	-0.067115 mg/L	Y 371.029
Sb 231.146	0.016746uv	mg/L	0.014093	84.2	11.3050	0.167463 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006615	346.0	5.33701	uncal mg/L	Y 371.029
Se 196.026	0.000408uv	mg/L	0.006590	1613.6	5.83534	0.004084 mg/L	Y 371.029
Se 203.985	-0.000653uv	mg/L	0.005378	823.7	2.39021	-0.006529 mg/L	Y 371.029
Si 250.690	1.95946	mg/L	0.016641	0.8	2648.75	19.5946 mg/L	Y 371.029
Si 251.611	1.94335	mg/L	0.023856	1.2	3073.94	19.4335 mg/L	Y 371.029
Si 288.158	1.87856	mg/L	0.014883	0.8	15627.8	18.7856 mg/L	Y 371.029
Sn 189.927	-0.004509uv	mg/L	0.002229	49.4	2.33706	-0.045088 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003869	18.0	10.9135	uncal mg/L	Y 371.029
Sr 216.596	0.045780	mg/L	0.000156	0.3	460.760	0.457800 mg/L	Y 371.029
Sr 407.771	0.042523	mg/L	0.000216	0.5	110342	0.425232 mg/L	Y 371.029
Sr 421.552	0.041755	mg/L	0.000091	0.2	68180.8	0.417547 mg/L	Y 371.029
Ti 334.941	0.000044uv	mg/L	0.000254	573.7	129.860	0.000444 mg/L	Y 371.029
Ti 336.122	-0.000177uv	mg/L	0.000206	116.6	38.0725	-0.001766 mg/L	Y 371.029
Ti 337.280	0.000530	mg/L	0.000405	76.3	22.6156	0.005301 mg/L	Y 371.029
Tl 190.794	0.007426	mg/L	0.002910	39.2	3.28429	0.074256 mg/L	Y 371.029
Tl 190.807	0.005437	mg/L	0.005091	93.6	2.59709	0.054372 mg/L	Y 371.029
Tl 351.923	0.005033uv	mg/L	0.006585	130.9	19.3461	0.050325 mg/L	Y 371.029
V 268.796	-0.005586uv	mg/L	0.000942	16.9	40.3931	-0.055859 mg/L	Y 371.029
V 292.401	-0.000198	mg/L	0.000065	32.8	33.5614	-0.001984 mg/L	Y 371.029
V 311.837	0.001049	mg/L	0.000119	11.3	22.1141	0.010486 mg/L	Y 371.029
Zn 202.548	-0.004545	mg/L	0.000874	19.2	798.220	-0.045453 mg/L	Y 371.029
Zn 206.200	-0.003166	mg/L	0.000249	7.9	257.266	-0.031659 mg/L	Y 371.029
Zn 213.857	-0.004287	mg/L	0.001114	26.0	1336.03	-0.042871 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23052	9867.27	153.081	1.6
Y 371.029	0.863504	142398	2186.184	1.5

1115076-DUP1 (Samp) **4/7/2011, 11:57:03 AM** **Rack 3, Tube 27**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015583uv	mg/L	0.000348	2.2	825.339	-0.155829 mg/L	Y 371.029
Ag 338.289	-0.010777uv	mg/L	0.000841	7.8	-0.049292	-0.107771 mg/L	Y 371.029
Al 237.312	-0.008276uv	mg/L	0.002244	27.1	57.5498	-0.082763 mg/L	Y 371.029
Al 257.509	0.005978	mg/L	0.009371	156.7	25.6671	0.059784 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.005733uv	mg/L	0.002347	40.9	903.701	0.057333 mg/L	Y 371.029
As 188.980	0.007669uv	mg/L	0.005056	65.9	6.50730	0.076687 mg/L	Y 371.029
As 193.696	0.007593	mg/L	0.002379	31.3	3.05689	0.075929 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005984	119.2	16.5277	uncal mg/L	Y 371.029
B 182.577	0.006556	mg/L	0.000236	3.6	8.23282	0.065563 mg/L	Y 371.029
B 249.678	0.006718	mg/L	0.000211	3.1	94.5530	0.067181 mg/L	Y 371.029
B 249.772	0.008287	mg/L	0.000146	1.8	231.041	0.082867 mg/L	Y 371.029
Ba 233.527	0.012108	mg/L	0.000161	1.3	701.345	0.121076 mg/L	Y 371.029
Ba 455.403	0.012746	mg/L	0.000052	0.4	15525.8	0.127457 mg/L	Y 371.029
Ba 493.408	0.012154	mg/L	0.000054	0.4	9119.25	0.121542 mg/L	Y 371.029
Be 234.861	0.000363	mg/L	0.000013	3.5	25.3408	0.003626 mg/L	Y 371.029
Be 313.042	0.000642	mg/L	0.000003	0.5	2372.76	0.006417 mg/L	Y 371.029
Be 313.107	0.000423	mg/L	0.000011	2.6	421.605	0.004230 mg/L	Y 371.029
Ca 393.366	4.51453n	mg/L	0.071487	1.6	5812823	45.1453 mg/L	Y 371.029
Ca 396.847	4.00966	mg/L	0.025071	0.6	7954387	40.0966 mg/L	Y 371.029
Ca 430.253	4.74530	mg/L	0.028273	0.6	22804.4	47.4530 mg/L	Y 371.029
Cd 214.439	0.000366	mg/L	0.000072	19.8	6.37792	0.003656 mg/L	Y 371.029
Cd 226.502	0.000126	mg/L	0.000093	73.8	28.4802	0.001256 mg/L	Y 371.029
Cd 228.802	0.000172uv	mg/L	0.000555	323.4	25.3638	0.001715 mg/L	Y 371.029
Co 228.615	0.000405uv	mg/L	0.000450	111.2	15.5478	0.004047 mg/L	Y 371.029
Co 230.786	-0.000050uv	mg/L	0.000918	1837.6	9.02631	-0.000500 mg/L	Y 371.029
Co 238.892	-0.000507uv	mg/L	0.000079	15.7	1.14096	-0.005070 mg/L	Y 371.029
Cr 205.560	-0.000114	mg/L	0.000332	290.7	7.51949	-0.001141 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000941	113.8	4.30598	uncal mg/L	Y 371.029
Cr 267.716	0.000214	mg/L	0.000204	95.2	38.1094	0.002138 mg/L	Y 371.029
Cu 213.598	-0.001354uv	mg/L	0.000750	55.4	5.19097	-0.013543 mg/L	Y 371.029
Cu 324.754	0.003085	mg/L	0.000190	6.1	623.923	0.030852 mg/L	Y 371.029
Cu 327.395	-0.000338	mg/L	0.000290	86.0	42.2620	-0.003377 mg/L	Y 371.029
Fe 234.350	1.01055	mg/L	0.007780	0.8	9232.68	10.1055 mg/L	Y 371.029
Fe 238.204	1.02703	mg/L	0.003495	0.3	20036.6	10.2703 mg/L	Y 371.029
Fe 259.940	1.00992	mg/L	0.001869	0.2	15723.4	10.0992 mg/L	Y 371.029
Ga 287.423	-0.004835	mg/L	0.004647	96.1	23.5396	-0.048345 mg/L	Y 371.029
Ga 294.363	-0.001885uv	mg/L	0.000496	26.3	16.4479	-0.018853 mg/L	Y 371.029
Ga 417.204	0.002198	mg/L	0.001438	65.4	107.406	0.021983 mg/L	Y 371.029
K 766.491	1.49390	mg/L	0.006387	0.4	115590	14.9390 mg/L	Y 371.029
K 769.897	1.46591	mg/L	0.006164	0.4	98727.1	14.6591 mg/L	Y 371.029
Li 610.365	0.005164	mg/L	0.000082	1.6	23.3230	0.051640 mg/L	Y 371.029
Li 670.783	0.002820	mg/L	0.000042	1.5	85988.1	0.028202 mg/L	Y 371.029
Mg 279.078	8.21486	mg/L	0.027135	0.3	14429.8	82.1486 mg/L	Y 371.029
Mg 280.270	9.27821	mg/L	0.025697	0.3	843231	92.7821 mg/L	Y 371.029
Mg 285.213	8.67623	mg/L	0.037727	0.4	307788	86.7623 mg/L	Y 371.029
Mn 257.610	0.608382	mg/L	0.007512	1.2	92251.3	6.08382 mg/L	Y 371.029
Mn 259.372	0.607223	mg/L	0.003606	0.6	69136.7	6.07223 mg/L	Y 371.029
Mn 260.568	0.606258	mg/L	0.001380	0.2	12156.8	6.06258 mg/L	Y 371.029
Mo 202.032	-0.038767	mg/L	0.001192	3.1	32.0210	-0.387667 mg/L	Y 371.029
Mo 203.846	-0.039534	mg/L	0.000246	0.6	11.3196	-0.395339 mg/L	Y 371.029
Mo 204.598	-0.040425	mg/L	0.000318	0.8	5.66228	-0.404252 mg/L	Y 371.029
Na 568.821	72.2531	mg/L	0.155322	0.2	19812.3	722.531 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.385152	0.8	30865318	- mg/L	Y 371.029
Na 589.592	62.8198	mg/L	0.231850	0.4	20975224	628.198 mg/L	Y 371.029
Ni 216.555	-0.000284	mg/L	0.000817	287.3	6.67028	-0.002842 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000503	mg/L	0.000044	8.8	6.63852	0.005033 mg/L	Y 371.029
Ni 231.604	-0.000413	mg/L	0.000519	125.7	10.5589	-0.004129 mg/L	Y 371.029
P 177.434	0.006044uv	mg/L	0.003863	63.9	2.54380	0.060443 mg/L	Y 371.029
P 213.618	-0.001538	mg/L	0.003439	223.6	4.09702	-0.015379 mg/L	Y 371.029
P 214.914	0.001861uv	mg/L	0.005862	315.1	2.57008	0.018606 mg/L	Y 371.029
Pb 220.353	0.002166	mg/L	0.000759	35.0	7.65309	0.021664 mg/L	Y 371.029
Pb 261.417	-0.013792uv	mg/L	0.010694	77.5	22.5522	-0.137916 mg/L	Y 371.029
Pb 405.781	0.006495	mg/L	0.008377	129.0	62.9518	0.064949 mg/L	Y 371.029
Sb 206.834	-0.003750	mg/L	0.001403	37.4	11.0860	-0.037502 mg/L	Y 371.029
Sb 231.146	0.021479	mg/L	0.009916	46.2	13.5147	0.214794 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.007322	182.3	7.62055	uncal mg/L	Y 371.029
Se 196.026	0.002312uv	mg/L	0.004808	208.0	6.43990	0.023120 mg/L	Y 371.029
Se 203.985	-0.004788uv	mg/L	0.005678	118.6	1.64750	-0.047876 mg/L	Y 371.029
Si 250.690	1.99305	mg/L	0.007727	0.4	2693.49	19.9305 mg/L	Y 371.029
Si 251.611	1.99482	mg/L	0.013731	0.7	3154.67	19.9482 mg/L	Y 371.029
Si 288.158	1.91150	mg/L	0.005095	0.3	15886.3	19.1150 mg/L	Y 371.029
Sn 189.927	0.001611uv	mg/L	0.003894	241.6	4.21446	0.016115 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.002907	16.7	16.6302	uncal mg/L	Y 371.029
Sr 216.596	0.046310	mg/L	0.000122	0.3	465.896	0.463101 mg/L	Y 371.029
Sr 407.771	0.043156	mg/L	0.000189	0.4	111905	0.431557 mg/L	Y 371.029
Sr 421.552	0.042410	mg/L	0.000179	0.4	69203.6	0.424099 mg/L	Y 371.029
Ti 334.941	-0.000040uv	mg/L	0.000048	117.7	113.090	-0.000405 mg/L	Y 371.029
Ti 336.122	-0.000103uv	mg/L	0.000367	357.5	44.7909	-0.001027 mg/L	Y 371.029
Ti 337.280	0.000387	mg/L	0.000191	49.3	18.6074	0.003871 mg/L	Y 371.029
Tl 190.794	0.004797	mg/L	0.000780	16.3	2.29481	0.047971 mg/L	Y 371.029
Tl 190.807	0.001558uv	mg/L	0.006480	415.9	1.83026	0.015580 mg/L	Y 371.029
Tl 351.923	0.009623	mg/L	0.003894	40.5	25.6545	0.096234 mg/L	Y 371.029
V 268.796	-0.005253	mg/L	0.000181	3.4	43.3145	-0.052527 mg/L	Y 371.029
V 292.401	-0.000166uv	mg/L	0.000464	279.3	34.9115	-0.001661 mg/L	Y 371.029
V 311.837	0.000913	mg/L	0.000227	24.8	16.3438	0.009132 mg/L	Y 371.029
Zn 202.548	-0.004376	mg/L	0.000035	0.8	802.604	-0.043759 mg/L	Y 371.029
Zn 206.200	-0.003618	mg/L	0.000821	22.7	256.589	-0.036176 mg/L	Y 371.029
Zn 213.857	-0.004290	mg/L	0.000988	23.0	1340.57	-0.042903 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.19379	9572.70	34.044	0.4
Y 371.029	0.838576	138287	328.495	0.2

1115076-PS1 (Samp) **4/7/2011, 12:00:57 PM** **Rack 3, Tube 28**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.493931	mg/L	0.000266	0.1	25654.8	4.93931 mg/L	Y 371.029
Ag 338.289	0.505054	mg/L	0.001948	0.4	1545.11	5.05054 mg/L	Y 371.029
Al 237.312	5.21708	mg/L	0.043164	0.8	6901.74	52.1708 mg/L	Y 371.029
Al 257.509	5.21518	mg/L	0.014670	0.3	3165.13	52.1518 mg/L	Y 371.029
Al 308.215	5.22809	mg/L	0.008252	0.2	32231.7	52.2809 mg/L	Y 371.029
As 188.980	1.05823	mg/L	0.008200	0.8	411.687	10.5823 mg/L	Y 371.029
As 193.696	1.03286	mg/L	0.004461	0.4	460.386	10.3286 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.016720	1.0	2260.62	uncal mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	1.05974	mg/L	0.007472	0.7	545.790	10.5974 mg/L	Y 371.029
B 249.678	0.971212	mg/L	0.005337	0.5	8810.45	9.71212 mg/L	Y 371.029
B 249.772	1.00552	mg/L	0.009430	0.9	19023.5	10.0552 mg/L	Y 371.029
Ba 233.527	1.02457	mg/L	0.000667	0.1	41819.9	10.2457 mg/L	Y 371.029
Ba 455.403	1.02022	mg/L	0.000909	0.1	910325	10.2022 mg/L	Y 371.029
Ba 493.408	1.00447	mg/L	0.003559	0.4	538207	10.0447 mg/L	Y 371.029
Be 234.861	1.01734	mg/L	0.003391	0.3	118395	10.1734 mg/L	Y 371.029
Be 313.042	1.02061	mg/L	0.004028	0.4	1710897	10.2061 mg/L	Y 371.029
Be 313.107	1.00912	mg/L	0.002812	0.3	816675	10.0912 mg/L	Y 371.029
Ca 393.366	13.0409n	mg/L	0.075291	0.6	16749233	130.409 mg/L	Y 371.029
Ca 396.847	12.5540	mg/L	0.091708	0.7	24842240	125.540 mg/L	Y 371.029
Ca 430.253	15.1478	mg/L	0.029877	0.2	69395.6	151.478 mg/L	Y 371.029
Cd 214.439	1.06088	mg/L	0.020614	1.9	23243.2	10.6088 mg/L	Y 371.029
Cd 226.502	1.01909	mg/L	0.001142	0.1	40431.2	10.1909 mg/L	Y 371.029
Cd 228.802	1.02975	mg/L	0.005984	0.6	15687.3	10.2975 mg/L	Y 371.029
Co 228.615	1.03898	mg/L	0.005265	0.5	10045.0	10.3898 mg/L	Y 371.029
Co 230.786	1.03111	mg/L	0.004222	0.4	6726.98	10.3111 mg/L	Y 371.029
Co 238.892	0.995711	mg/L	0.002011	0.2	5943.96	9.95711 mg/L	Y 371.029
Cr 205.560	1.03178	mg/L	0.004986	0.5	4431.33	10.3178 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.008485	0.8	1870.01	uncal mg/L	Y 371.029
Cr 267.716	1.01147	mg/L	0.000510	0.1	22477.9	10.1147 mg/L	Y 371.029
Cu 213.598	1.05092	mg/L	0.001452	0.1	4588.05	10.5092 mg/L	Y 371.029
Cu 324.754	1.04899	mg/L	0.001168	0.1	35439.3	10.4899 mg/L	Y 371.029
Cu 327.395	1.04625	mg/L	0.001797	0.2	44856.0	10.4625 mg/L	Y 371.029
Fe 234.350	6.17711	mg/L	0.004057	0.1	56298.3	61.7711 mg/L	Y 371.029
Fe 238.204	6.16935	mg/L	0.049154	0.8	119691	61.6935 mg/L	Y 371.029
Fe 259.940	6.20653	mg/L	0.043850	0.7	96175.5	62.0653 mg/L	Y 371.029
Ga 287.423	1.03374	mg/L	0.002513	0.2	2584.48	10.3374 mg/L	Y 371.029
Ga 294.363	1.02572	mg/L	0.001175	0.1	6596.21	10.2572 mg/L	Y 371.029
Ga 417.204	1.03915	mg/L	0.002055	0.2	10477.2	10.3915 mg/L	Y 371.029
K 766.491	12.3982	mg/L	0.022211	0.2	940167	123.982 mg/L	Y 371.029
K 769.897	12.5228	mg/L	0.022885	0.2	739786	125.228 mg/L	Y 371.029
Li 610.365	1.06442	mg/L	0.003659	0.3	51124.6	10.6442 mg/L	Y 371.029
Li 670.783	1.01171	mg/L	0.001678	0.2	3852554	10.1171 mg/L	Y 371.029
Mg 279.078	18.5549	mg/L	0.096450	0.5	32575.6	185.549 mg/L	Y 371.029
Mg 280.270	20.6971	mg/L	0.156569	0.8	1880539	206.971 mg/L	Y 371.029
Mg 285.213	19.3483	mg/L	0.128756	0.7	686279	193.483 mg/L	Y 371.029
Mn 257.610	1.64299	mg/L	0.011149	0.7	251229	16.4299 mg/L	Y 371.029
Mn 259.372	1.62479	mg/L	0.007292	0.4	186379	16.2479 mg/L	Y 371.029
Mn 260.568	1.66054	mg/L	0.006748	0.4	33321.2	16.6054 mg/L	Y 371.029
Mo 202.032	0.974014	mg/L	0.014765	1.5	3647.09	9.74014 mg/L	Y 371.029
Mo 203.846	1.00333	mg/L	0.022297	2.2	1497.33	10.0333 mg/L	Y 371.029
Mo 204.598	0.975265	mg/L	0.012326	1.3	1754.65	9.75265 mg/L	Y 371.029
Na 568.821	82.8210	mg/L	0.124141	0.1	22727.5	828.210 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.145745	0.3	31415874	- mg/L	Y 371.029
Na 589.592	70.6351	mg/L	0.264202	0.4	23582246	706.351 mg/L	Y 371.029
Ni 216.555	1.03469	mg/L	0.002277	0.2	5968.54	10.3469 mg/L	Y 371.029
Ni 221.648	1.04204	mg/L	0.002968	0.3	2380.38	10.4204 mg/L	Y 371.029
Ni 231.604	1.04351	mg/L	0.001532	0.1	3878.81	10.4351 mg/L	Y 371.029
P 177.434	1.05002	mg/L	0.010074	1.0	176.109	10.5002 mg/L	Y 371.029
P 213.618	1.06526	mg/L	0.002997	0.3	779.003	10.6526 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	1.07452	mg/L	0.015002	1.4	235.646	10.7452 mg/L	Y 371.029
Pb 220.353	1.05371	mg/L	0.001131	0.1	1378.37	10.5371 mg/L	Y 371.029
Pb 261.417	0.808156	mg/L	0.018548	2.3	459.890	8.08156 mg/L	Y 371.029
Pb 405.781	1.04726	mg/L	0.013717	1.3	1521.83	10.4726 mg/L	Y 371.029
Sb 206.834	0.719056	mg/L	0.013846	1.9	481.999	7.19056 mg/L	Y 371.029
Sb 231.146	0.801426	mg/L	0.018564	2.3	394.849	8.01426 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.032244	5.5	243.825	uncal mg/L	Y 371.029
Se 196.026	1.02976	mg/L	0.035231	3.4	337.884	10.2976 mg/L	Y 371.029
Se 203.985	1.11303	mg/L	0.039555	3.6	220.018	11.1303 mg/L	Y 371.029
Si 250.690	3.05029	mg/L	0.005433	0.2	4117.92	30.5029 mg/L	Y 371.029
Si 251.611	2.99554	mg/L	0.002434	0.1	4763.50	29.9554 mg/L	Y 371.029
Si 288.158	2.92324	mg/L	0.016958	0.6	23850.5	29.2324 mg/L	Y 371.029
Sn 189.927	0.986215	mg/L	0.004397	0.4	305.075	9.86215 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.005352	0.4	2826.48	uncal mg/L	Y 371.029
Sr 216.596	1.15842	mg/L	0.005474	0.5	11092.2	11.5842 mg/L	Y 371.029
Sr 407.771	1.07334	mg/L	0.003831	0.4	2642664	10.7334 mg/L	Y 371.029
Sr 421.552	1.05686	mg/L	0.014144	1.3	1642347	10.5686 mg/L	Y 371.029
Ti 334.941	0.977892	mg/L	0.002153	0.2	198959	9.77892 mg/L	Y 371.029
Ti 336.122	0.975048	mg/L	0.002147	0.2	84712.5	9.75048 mg/L	Y 371.029
Ti 337.280	1.01910	mg/L	0.000919	0.1	30617.3	10.1910 mg/L	Y 371.029
Tl 190.794	1.01999	mg/L	0.004452	0.4	386.512	10.1999 mg/L	Y 371.029
Tl 190.807	1.04178	mg/L	0.004445	0.4	208.516	10.4178 mg/L	Y 371.029
Tl 351.923	0.975854	mg/L	0.006969	0.7	1378.36	9.75854 mg/L	Y 371.029
V 268.796	0.994522	mg/L	0.001632	0.2	9471.86	9.94522 mg/L	Y 371.029
V 292.401	1.06123	mg/L	0.004397	0.4	34780.6	10.6123 mg/L	Y 371.029
V 311.837	1.05394	mg/L	0.000342	0.0	47029.6	10.5394 mg/L	Y 371.029
Zn 202.548	1.07411	mg/L	0.004225	0.4	12393.9	10.7411 mg/L	Y 371.029
Zn 206.200	1.08828	mg/L	0.008691	0.8	3915.54	10.8828 mg/L	Y 371.029
Zn 213.857	1.05948	mg/L	0.021729	2.1	20395.6	10.5948 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.20158	9635.18	43.807	0.5
Y 371.029	0.847291	139724	605.245	0.4

11C1255-05 (Samp) **4/7/2011, 12:05:10 PM** **Rack 3, Tube 29**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015198uv	mg/L	0.000453	3.0	772.717	-0.151980 mg/L	Y 371.029
Ag 338.289	-0.012689uv	mg/L	0.000956	7.5	-6.05157	-0.126888 mg/L	Y 371.029
Al 237.312	-0.000716uv	mg/L	0.002145	299.6	58.2188	-0.007160 mg/L	Y 371.029
Al 257.509	0.028496	mg/L	0.013391	47.0	31.7404	0.284957 mg/L	Y 371.029
Al 308.215	0.002060uv	mg/L	0.000851	41.3	930.249	0.020597 mg/L	Y 371.029
As 188.980	0.009458	mg/L	0.001156	12.2	8.68634	0.094576 mg/L	Y 371.029
As 193.696	0.015396	mg/L	0.002375	15.4	7.74680	0.153963 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004157	70.5	18.2494	uncal mg/L	Y 371.029
B 182.577	0.021361	mg/L	0.001484	6.9	15.8655	0.213612 mg/L	Y 371.029
B 249.678	0.012440	mg/L	0.002748	22.1	140.959	0.124397 mg/L	Y 371.029
B 249.772	0.017302	mg/L	0.002860	16.5	529.916	0.173016 mg/L	Y 371.029
Ba 233.527	0.001501	mg/L	0.000064	4.3	270.431	0.015008 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.001729	mg/L	0.000001	0.0	5791.79	0.017295 mg/L	Y 371.029
Ba 493.408	0.001461	mg/L	0.000036	2.5	3439.02	0.014610 mg/L	Y 371.029
Be 234.861	0.000590	mg/L	0.000012	2.0	4.15498	0.005900 mg/L	Y 371.029
Be 313.042	0.000283	mg/L	0.000010	3.6	1784.37	0.002828 mg/L	Y 371.029
Be 313.107	0.000139	mg/L	0.000013	9.4	187.828	0.001386 mg/L	Y 371.029
Ca 393.366	4.48260n	mg/L	0.092243	2.1	5769054	44.8260 mg/L	Y 371.029
Ca 396.847	4.05664	mg/L	0.017594	0.4	8043996	40.5664 mg/L	Y 371.029
Ca 430.253	4.71858	mg/L	0.009916	0.2	22531.4	47.1858 mg/L	Y 371.029
Cd 214.439	0.000385	mg/L	0.000082	21.3	8.19705	0.003852 mg/L	Y 371.029
Cd 226.502	0.000296	mg/L	0.000211	71.5	54.6591	0.002955 mg/L	Y 371.029
Cd 228.802	-0.000066uv	mg/L	0.000413	628.9	21.0273	-0.000657 mg/L	Y 371.029
Co 228.615	0.016090	mg/L	0.000897	5.6	207.091	0.160900 mg/L	Y 371.029
Co 230.786	0.016905	mg/L	0.000614	3.6	150.400	0.169047 mg/L	Y 371.029
Co 238.892	0.016385	mg/L	0.002531	15.4	41.3712	0.163850 mg/L	Y 371.029
Cr 205.560	-0.002692uv	mg/L	0.000195	7.2	1.56810	-0.026916 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000696	47.7	2.08851	uncal mg/L	Y 371.029
Cr 267.716	-0.001370	mg/L	0.000171	12.5	27.5421	-0.013696 mg/L	Y 371.029
Cu 213.598	-0.003183	mg/L	0.000163	5.1	12.4332	-0.031829 mg/L	Y 371.029
Cu 324.754	-0.000953uv	mg/L	0.000143	15.0	584.819	-0.009529 mg/L	Y 371.029
Cu 327.395	-0.001684	mg/L	0.000438	26.0	57.9268	-0.016844 mg/L	Y 371.029
Fe 234.350	9.28345	mg/L	0.090658	1.0	83795.5	92.8345 mg/L	Y 371.029
Fe 238.204	9.28061	mg/L	0.140187	1.5	178619	92.8062 mg/L	Y 371.029
Fe 259.940	9.20814	mg/L	0.180756	2.0	141708	92.0814 mg/L	Y 371.029
Ga 287.423	-0.046828	mg/L	0.000790	1.7	81.2332	-0.468284 mg/L	Y 371.029
Ga 294.363	-0.000420	mg/L	0.000747	178.1	27.8150	-0.004197 mg/L	Y 371.029
Ga 417.204	-0.000662uv	mg/L	0.002036	307.5	101.055	-0.006623 mg/L	Y 371.029
K 766.491	0.154715	mg/L	0.000507	0.3	14094.3	1.54715 mg/L	Y 371.029
K 769.897	0.159714	mg/L	0.002631	1.6	22362.4	1.59714 mg/L	Y 371.029
Li 610.365	0.005026	mg/L	0.000139	2.8	16.6877	0.050265 mg/L	Y 371.029
Li 670.783	0.003029	mg/L	0.000071	2.3	85056.6	0.030290 mg/L	Y 371.029
Mg 279.078	7.46831	mg/L	0.014512	0.2	13124.9	74.6831 mg/L	Y 371.029
Mg 280.270	8.56462	mg/L	0.024642	0.3	778310	85.6462 mg/L	Y 371.029
Mg 285.213	7.87512	mg/L	0.099652	1.3	279336	78.7512 mg/L	Y 371.029
Mn 257.610	0.206498	mg/L	0.000891	0.4	31393.5	2.06498 mg/L	Y 371.029
Mn 259.372	0.200212	mg/L	0.001339	0.7	24541.6	2.00212 mg/L	Y 371.029
Mn 260.568	0.204112	mg/L	0.000608	0.3	4137.07	2.04112 mg/L	Y 371.029
Mo 202.032	0.019140	mg/L	0.002371	12.4	111.845	0.191402 mg/L	Y 371.029
Mo 203.846	0.019644	mg/L	0.002064	10.5	43.6568	0.196440 mg/L	Y 371.029
Mo 204.598	0.019177	mg/L	0.001411	7.4	44.3540	0.191773 mg/L	Y 371.029
Na 568.821	12.2274	mg/L	0.012311	0.1	3458.87	122.274 mg/L	Y 371.029
Na 588.995	12.6258	mg/L	0.031263	0.2	7896746	126.258 mg/L	Y 371.029
Na 589.592	12.7258	mg/L	0.293364	2.3	4313552	127.258 mg/L	Y 371.029
Ni 216.555	0.016499	mg/L	0.000034	0.2	145.899	0.164989 mg/L	Y 371.029
Ni 221.648	0.015912	mg/L	0.000411	2.6	57.3121	0.159117 mg/L	Y 371.029
Ni 231.604	0.017447	mg/L	0.000830	4.8	103.116	0.174470 mg/L	Y 371.029
P 177.434	-0.002455uv	mg/L	0.006330	257.8	1.76714	-0.024548 mg/L	Y 371.029
P 213.618	-0.003100uv	mg/L	0.000810	26.1	0.686888	-0.030995 mg/L	Y 371.029
P 214.914	0.000740uv	mg/L	0.016055	2169.8	3.70464	0.007399 mg/L	Y 371.029
Pb 220.353	-0.000220uv	mg/L	0.003698	1681.9	4.16216	-0.002198 mg/L	Y 371.029
Pb 261.417	-0.008459uv	mg/L	0.009249	109.3	16.8296	-0.084593 mg/L	Y 371.029
Pb 405.781	0.006740uv	mg/L	0.011201	166.2	53.2799	0.067403 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.057495	mg/L	0.003237	5.6	47.4422	0.574953 mg/L	Y 371.029
Sb 231.146	0.065617	mg/L	0.011783	18.0	37.0982	0.656170 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.017002	473.9	19.0925	uncal mg/L	Y 371.029
Se 196.026	0.011377	mg/L	0.004121	36.2	9.45961	0.113772 mg/L	Y 371.029
Se 203.985	0.019956	mg/L	0.005930	29.7	6.15583	0.199557 mg/L	Y 371.029
Si 250.690	1.88183	mg/L	0.011071	0.6	2544.41	18.8183 mg/L	Y 371.029
Si 251.611	1.86568	mg/L	0.015700	0.8	2947.39	18.6568 mg/L	Y 371.029
Si 288.158	1.80849	mg/L	0.020269	1.1	15093.8	18.0849 mg/L	Y 371.029
Sn 189.927	0.002028	mg/L	0.001425	70.3	4.17266	0.020276 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.008044	67.6	19.2062	uncal mg/L	Y 371.029
Sr 216.596	0.023184	mg/L	0.000510	2.2	262.809	0.231843 mg/L	Y 371.029
Sr 407.771	0.023653	mg/L	0.000077	0.3	63931.2	0.236535 mg/L	Y 371.029
Sr 421.552	0.023064	mg/L	0.000071	0.3	39159.2	0.230639 mg/L	Y 371.029
Ti 334.941	0.000675	mg/L	0.000185	27.4	347.565	0.006747 mg/L	Y 371.029
Ti 336.122	0.000425	mg/L	0.000251	59.0	121.303	0.004251 mg/L	Y 371.029
Ti 337.280	0.001209	mg/L	0.000806	66.6	50.2432	0.012090 mg/L	Y 371.029
Tl 190.794	0.004744	mg/L	0.002711	57.2	2.47114	0.047436 mg/L	Y 371.029
Tl 190.807	0.002699uv	mg/L	0.003662	135.7	1.85739	0.026993 mg/L	Y 371.029
Tl 351.923	0.004624	mg/L	0.002920	63.1	21.8097	0.046242 mg/L	Y 371.029
V 268.796	-0.001052	mg/L	0.000616	58.6	70.5970	-0.010516 mg/L	Y 371.029
V 292.401	-0.001480uv	mg/L	0.000226	15.3	35.4915	-0.014802 mg/L	Y 371.029
V 311.837	-0.000103	mg/L	0.000070	68.0	22.2105	-0.001029 mg/L	Y 371.029
Zn 202.548	0.018299	mg/L	0.000527	2.9	978.862	0.182988 mg/L	Y 371.029
Zn 206.200	0.019152	mg/L	0.000258	1.3	312.311	0.191520 mg/L	Y 371.029
Zn 213.857	0.018163	mg/L	0.000631	3.5	1644.01	0.181627 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22450	9819.02	62.274	0.6
Y 371.029	0.865775	142772	908.687	0.6

11C1727-01 (Samp) **4/7/2011, 12:09:13 PM** **Rack 3, Tube 30**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015396uv	mg/L	0.000314	2.0	750.034	-0.015396 mg/L	Y 371.029
Ag 338.289	-0.010720uv	mg/L	0.000270	2.5	-0.102206	-0.010720 mg/L	Y 371.029
Al 237.312	0.196560	mg/L	0.006558	3.3	318.431	0.196560 mg/L	Y 371.029
Al 257.509	0.219342	mg/L	0.002415	1.1	145.899	0.219342 mg/L	Y 371.029
Al 308.215	0.179815	mg/L	0.000940	0.5	2020.07	0.179815 mg/L	Y 371.029
As 188.980	0.008532	mg/L	0.002671	31.3	8.62810	0.008532 mg/L	Y 371.029
As 193.696	0.004787	mg/L	0.001020	21.3	3.12855	0.004787 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010159	674.7	15.8802	uncal mg/L	Y 371.029
B 182.577	0.020159	mg/L	0.003151	15.6	15.1065	0.020159 mg/L	Y 371.029
B 249.678	0.020996	mg/L	0.001118	5.3	212.766	0.020996 mg/L	Y 371.029
B 249.772	0.022354	mg/L	0.000779	3.5	485.250	0.022354 mg/L	Y 371.029
Ba 233.527	0.026183	mg/L	0.000073	0.3	1262.09	0.026183 mg/L	Y 371.029
Ba 455.403	0.027087	mg/L	0.000133	0.5	28202.9	0.027087 mg/L	Y 371.029
Ba 493.408	0.026276	mg/L	0.000121	0.5	16561.4	0.026276 mg/L	Y 371.029
Be 234.861	0.000205	mg/L	0.000044	21.7	6.04182	0.000205 mg/L	Y 371.029
Be 313.042	0.000194	mg/L	0.000010	5.1	1636.12	0.000194 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000041	mg/L	0.000009	22.5	105.908	0.000041 mg/L	Y 371.029
Ca 393.366	3.02296n	mg/L	0.020218	0.7	3894899	3.02296 mg/L	Y 371.029
Ca 396.847	2.62584	mg/L	0.017597	0.7	5213786	2.62584 mg/L	Y 371.029
Ca 430.253	3.03708	mg/L	0.019783	0.7	14940.3	3.03708 mg/L	Y 371.029
Cd 214.439	0.000251	mg/L	0.000005	1.9	3.96848	0.000251 mg/L	Y 371.029
Cd 226.502	0.000147	mg/L	0.000116	78.7	26.6816	0.000147 mg/L	Y 371.029
Cd 228.802	-0.000619uv	mg/L	0.000068	11.0	13.7806	-0.000619 mg/L	Y 371.029
Co 228.615	0.000062	mg/L	0.000345	559.4	16.7646	0.000062 mg/L	Y 371.029
Co 230.786	0.000188uv	mg/L	0.000991	527.1	12.9457	0.000188 mg/L	Y 371.029
Co 238.892	0.000511uv	mg/L	0.000553	108.1	3.53290	0.000511 mg/L	Y 371.029
Cr 205.560	-0.000267uv	mg/L	0.000137	51.3	6.18004	-0.000267 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001290	250.2	3.10665	uncal mg/L	Y 371.029
Cr 267.716	0.000292	mg/L	0.000198	67.8	34.9106	0.000292 mg/L	Y 371.029
Cu 213.598	-0.000125	mg/L	0.000243	194.7	4.59170	-0.000125 mg/L	Y 371.029
Cu 324.754	0.000763	mg/L	0.000403	52.8	607.840	0.000763 mg/L	Y 371.029
Cu 327.395	0.000934	mg/L	0.000699	74.8	76.4535	0.000934 mg/L	Y 371.029
Fe 234.350	0.949274	mg/L	0.006669	0.7	8594.62	0.949274 mg/L	Y 371.029
Fe 238.204	0.953602	mg/L	0.008448	0.9	18407.2	0.953602 mg/L	Y 371.029
Fe 259.940	0.962206	mg/L	0.012215	1.3	14867.0	0.962206 mg/L	Y 371.029
Ga 287.423	-0.006407uv	mg/L	0.003837	59.9	15.9790	-0.006407 mg/L	Y 371.029
Ga 294.363	0.000012uv	mg/L	0.000462	3749.4	23.1102	0.000012 mg/L	Y 371.029
Ga 417.204	0.003749	mg/L	0.001165	31.1	118.436	0.003749 mg/L	Y 371.029
K 766.491	1.50405	mg/L	0.008286	0.6	115968	1.50405 mg/L	Y 371.029
K 769.897	1.47144	mg/L	0.008972	0.6	98185.4	1.47144 mg/L	Y 371.029
Li 610.365	0.005920	mg/L	0.000218	3.7	59.7982	0.005920 mg/L	Y 371.029
Li 670.783	0.001539	mg/L	0.000046	3.0	77937.4	0.001539 mg/L	Y 371.029
Mg 279.078	1.38979	mg/L	0.009723	0.7	2454.08	1.38979 mg/L	Y 371.029
Mg 280.270	1.63354	mg/L	0.013234	0.8	148852	1.63354 mg/L	Y 371.029
Mg 285.213	1.42167	mg/L	0.016985	1.2	50493.0	1.42167 mg/L	Y 371.029
Mn 257.610	0.064222	mg/L	0.000853	1.3	9829.56	0.064222 mg/L	Y 371.029
Mn 259.372	0.063716	mg/L	0.000485	0.8	7467.96	0.063716 mg/L	Y 371.029
Mn 260.568	0.065095	mg/L	0.000496	0.8	1315.20	0.065095 mg/L	Y 371.029
Mo 202.032	0.006209	mg/L	0.001764	28.4	50.5669	0.006209 mg/L	Y 371.029
Mo 203.846	0.005114	mg/L	0.001169	22.9	16.1159	0.005114 mg/L	Y 371.029
Mo 204.598	0.007016	mg/L	0.001394	19.9	14.6978	0.007016 mg/L	Y 371.029
Na 568.821	2.68737	mg/L	0.060261	2.2	855.132	2.68737 mg/L	Y 371.029
Na 588.995	2.89912	mg/L	0.019704	0.7	2048826	2.89912 mg/L	Y 371.029
Na 589.592	2.75080	mg/L	0.016227	0.6	994492	2.75080 mg/L	Y 371.029
Ni 216.555	-0.000125	mg/L	0.000111	89.0	6.68617	-0.000125 mg/L	Y 371.029
Ni 221.648	0.001096	mg/L	0.000309	28.2	7.11317	0.001096 mg/L	Y 371.029
Ni 231.604	-0.000647	mg/L	0.000250	38.6	9.04081	-0.000647 mg/L	Y 371.029
P 177.434	0.014408	mg/L	0.008341	57.9	4.32543	0.014408 mg/L	Y 371.029
P 213.618	0.015230	mg/L	0.001440	9.5	11.8617	0.015230 mg/L	Y 371.029
P 214.914	0.024198	mg/L	0.003980	16.4	7.16763	0.024198 mg/L	Y 371.029
Pb 220.353	0.002049	mg/L	0.000655	32.0	6.85806	0.002049 mg/L	Y 371.029
Pb 261.417	-0.003249uv	mg/L	0.009415	289.8	19.4906	-0.003249 mg/L	Y 371.029
Pb 405.781	0.014461	mg/L	0.005426	37.5	58.6855	0.014461 mg/L	Y 371.029
Sb 206.834	0.010875	mg/L	0.004109	37.8	16.4001	0.010875 mg/L	Y 371.029
Sb 231.146	0.021712	mg/L	0.004237	19.5	16.1757	0.021712 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.003362	31.6	4.57876	uncal mg/L	Y 371.029
Se 196.026	0.000401uv	mg/L	0.005322	1328.1	6.17837	0.000401 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.009174	mg/L	0.003019	32.9	4.71995	0.009174 mg/L	Y 371.029
Si 250.690	3.36097	mg/L	0.032122	1.0	4503.52	3.36097 mg/L	Y 371.029
Si 251.611	3.30618	mg/L	0.034288	1.0	5186.40	3.30618 mg/L	Y 371.029
Si 288.158	3.20168	mg/L	0.012066	0.4	25997.3	3.20168 mg/L	Y 371.029
Sn 189.927	-0.000415uv	mg/L	0.001377	331.9	3.28328	-0.000415 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.005675	60.9	20.2974	uncal mg/L	Y 371.029
Sr 216.596	0.017153	mg/L	0.000274	1.6	187.467	0.017153 mg/L	Y 371.029
Sr 407.771	0.016526	mg/L	0.000006	0.0	46291.0	0.016526 mg/L	Y 371.029
Sr 421.552	0.016251	mg/L	0.000073	0.5	28491.9	0.016251 mg/L	Y 371.029
Ti 334.941	0.002267	mg/L	0.000221	9.7	582.193	0.002267 mg/L	Y 371.029
Ti 336.122	0.002056	mg/L	0.000144	7.0	227.139	0.002056 mg/L	Y 371.029
Ti 337.280	0.002773	mg/L	0.000221	8.0	82.9508	0.002773 mg/L	Y 371.029
Tl 190.794	0.004652	mg/L	0.003442	74.0	2.29234	0.004652 mg/L	Y 371.029
Tl 190.807	0.005167	mg/L	0.003906	75.6	2.37593	0.005167 mg/L	Y 371.029
Tl 351.923	0.002976uv	mg/L	0.004000	134.4	20.3267	0.002976 mg/L	Y 371.029
V 268.796	0.001153	mg/L	0.000298	25.8	54.0981	0.001153 mg/L	Y 371.029
V 292.401	0.000731	mg/L	0.000358	49.0	60.2579	0.000731 mg/L	Y 371.029
V 311.837	0.001435	mg/L	0.000153	10.6	38.5084	0.001435 mg/L	Y 371.029
Zn 202.548	0.011124	mg/L	0.001020	9.2	878.779	0.011124 mg/L	Y 371.029
Zn 206.200	0.011209	mg/L	0.000772	6.9	277.742	0.011209 mg/L	Y 371.029
Zn 213.857	0.010817	mg/L	0.001018	9.4	1456.55	0.010817 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24891	10014.7	49.963	0.5
Y 371.029	0.882518	145533	646.840	0.4

11C1727-02 (Samp) **4/7/2011, 12:13:03 PM** **Rack 3, Tube 31**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.016299uv	mg/L	0.000881	5.4	701.836	-0.016299 mg/L	Y 371.029
Ag 338.289	-0.012289uv	mg/L	0.001189	9.7	-4.86358	-0.012289 mg/L	Y 371.029
Al 237.312	0.036075	mg/L	0.002076	5.8	108.112	0.036075 mg/L	Y 371.029
Al 257.509	0.068891	mg/L	0.013498	19.6	55.1119	0.068891 mg/L	Y 371.029
Al 308.215	0.026558	mg/L	0.000982	3.7	1106.70	0.026558 mg/L	Y 371.029
As 188.980	0.005812uv	mg/L	0.007284	125.3	7.60944	0.005812 mg/L	Y 371.029
As 193.696	0.009525	mg/L	0.003424	36.0	5.26185	0.009525 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001832	44.1	13.2275	uncal mg/L	Y 371.029
B 182.577	0.008049	mg/L	0.001708	21.2	8.87255	0.008049 mg/L	Y 371.029
B 249.678	0.008684	mg/L	0.000757	8.7	100.597	0.008684 mg/L	Y 371.029
B 249.772	0.009888	mg/L	0.000381	3.9	242.429	0.009888 mg/L	Y 371.029
Ba 233.527	0.009955	mg/L	0.000102	1.0	601.298	0.009955 mg/L	Y 371.029
Ba 455.403	0.010365	mg/L	0.000006	0.1	13317.1	0.010365 mg/L	Y 371.029
Ba 493.408	0.009955	mg/L	0.000065	0.7	7836.89	0.009955 mg/L	Y 371.029
Be 234.861	0.000177	mg/L	0.000008	4.4	5.47104	0.000177 mg/L	Y 371.029
Be 313.042	0.000188	mg/L	0.000005	2.6	1626.78	0.000188 mg/L	Y 371.029
Be 313.107	0.000019	mg/L	0.000009	47.5	87.4257	0.000019 mg/L	Y 371.029
Ca 393.366	1.24384n	mg/L	0.006464	0.5	1614555	1.24384 mg/L	Y 371.029
Ca 396.847	1.12238	mg/L	0.005123	0.5	2244066	1.12238 mg/L	Y 371.029
Ca 430.253	1.27426	mg/L	0.010787	0.8	7065.71	1.27426 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000261	mg/L	0.000028	10.6	4.12834	0.000261 mg/L	Y 371.029
Cd 226.502	0.000057	mg/L	0.000087	152.4	21.6335	0.000057 mg/L	Y 371.029
Cd 228.802	-0.000095uv	mg/L	0.000083	87.0	21.8269	-0.000095 mg/L	Y 371.029
Co 228.615	-0.000142uv	mg/L	0.000576	405.6	12.8906	-0.000142 mg/L	Y 371.029
Co 230.786	-0.000334uv	mg/L	0.001029	308.4	7.93269	-0.000334 mg/L	Y 371.029
Co 238.892	-0.000122uv	mg/L	0.000339	277.6	2.87030	-0.000122 mg/L	Y 371.029
Cr 205.560	-0.000656uv	mg/L	0.000078	11.9	3.85620	-0.000656 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000795	62.8	4.17601	uncal mg/L	Y 371.029
Cr 267.716	-0.000012	mg/L	0.000140	1135.3	24.7837	-0.000012 mg/L	Y 371.029
Cu 213.598	-0.000169uv	mg/L	0.000144	85.3	3.08127	-0.000169 mg/L	Y 371.029
Cu 324.754	0.000558	mg/L	0.000308	55.1	601.469	0.000558 mg/L	Y 371.029
Cu 327.395	0.000085uv	mg/L	0.000709	829.5	33.7490	0.000085 mg/L	Y 371.029
Fe 234.350	0.480531	mg/L	0.002080	0.4	4355.01	0.480531 mg/L	Y 371.029
Fe 238.204	0.480542	mg/L	0.008836	1.8	9282.70	0.480542 mg/L	Y 371.029
Fe 259.940	0.481226	mg/L	0.010248	2.1	7453.11	0.481226 mg/L	Y 371.029
Ga 287.423	-0.001099uv	mg/L	0.003926	357.2	19.2155	-0.001099 mg/L	Y 371.029
Ga 294.363	0.000847	mg/L	0.000272	32.1	28.2017	0.000847 mg/L	Y 371.029
Ga 417.204	0.002053	mg/L	0.002338	113.8	100.375	0.002053 mg/L	Y 371.029
K 766.491	0.672352	mg/L	0.002031	0.3	53082.1	0.672352 mg/L	Y 371.029
K 769.897	0.660781	mg/L	0.001342	0.2	51198.0	0.660781 mg/L	Y 371.029
Li 610.365	0.005086	mg/L	0.000144	2.8	19.5491	0.005086 mg/L	Y 371.029
Li 670.783	0.001192	mg/L	0.000047	3.9	76439.3	0.001192 mg/L	Y 371.029
Mg 279.078	0.670572	mg/L	0.004278	0.6	1191.85	0.670572 mg/L	Y 371.029
Mg 280.270	0.778271	mg/L	0.013165	1.7	71166.4	0.778271 mg/L	Y 371.029
Mg 285.213	0.668981	mg/L	0.006856	1.0	23802.2	0.668981 mg/L	Y 371.029
Mn 257.610	0.028775	mg/L	0.000068	0.2	4387.44	0.028775 mg/L	Y 371.029
Mn 259.372	0.028428	mg/L	0.000065	0.2	3365.45	0.028428 mg/L	Y 371.029
Mn 260.568	0.028801	mg/L	0.000109	0.4	584.118	0.028801 mg/L	Y 371.029
Mo 202.032	0.004330	mg/L	0.000435	10.0	41.4742	0.004330 mg/L	Y 371.029
Mo 203.846	0.004402	mg/L	0.000438	9.9	14.0718	0.004402 mg/L	Y 371.029
Mo 204.598	0.006081	mg/L	0.001286	21.1	11.8300	0.006081 mg/L	Y 371.029
Na 568.821	1.75024	mg/L	0.055845	3.2	596.815	1.75024 mg/L	Y 371.029
Na 588.995	1.58819	mg/L	0.005973	0.4	1260406	1.58819 mg/L	Y 371.029
Na 589.592	1.56381	mg/L	0.005860	0.4	599416	1.56381 mg/L	Y 371.029
Ni 216.555	0.000104uv	mg/L	0.000766	734.9	5.36539	0.000104 mg/L	Y 371.029
Ni 221.648	0.000166	mg/L	0.000796	478.6	4.01735	0.000166 mg/L	Y 371.029
Ni 231.604	-0.000722uv	mg/L	0.000797	110.4	7.03433	-0.000722 mg/L	Y 371.029
P 177.434	0.018725	mg/L	0.003912	20.9	5.03468	0.018725 mg/L	Y 371.029
P 213.618	0.016395	mg/L	0.002699	16.5	12.4829	0.016395 mg/L	Y 371.029
P 214.914	0.031968	mg/L	0.003917	12.3	8.66103	0.031968 mg/L	Y 371.029
Pb 220.353	0.001888uv	mg/L	0.001760	93.2	6.59512	0.001888 mg/L	Y 371.029
Pb 261.417	0.003121uv	mg/L	0.009089	291.2	22.8517	0.003121 mg/L	Y 371.029
Pb 405.781	0.008641	mg/L	0.008002	92.6	49.2127	0.008641 mg/L	Y 371.029
Sb 206.834	0.006830	mg/L	0.003892	57.0	13.5753	0.006830 mg/L	Y 371.029
Sb 231.146	0.027042	mg/L	0.015135	56.0	18.3012	0.027042 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.005142	64.4	4.57044	uncal mg/L	Y 371.029
Se 196.026	0.004687	mg/L	0.002502	53.4	7.50822	0.004687 mg/L	Y 371.029
Se 203.985	0.003034uv	mg/L	0.015872	523.1	3.71344	0.003034 mg/L	Y 371.029
Si 250.690	0.109253	mg/L	0.001669	1.5	187.353	0.109253 mg/L	Y 371.029
Si 251.611	0.116076	mg/L	0.001017	0.9	207.903	0.116076 mg/L	Y 371.029
Si 288.158	0.115840	mg/L	0.000424	0.4	1802.12	0.115840 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.000003uv	mg/L	0.002562	84728.4	3.40842	-0.000003 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.006828	44.4	12.8248	uncal mg/L	Y 371.029
Sr 216.596	0.007269	mg/L	0.000643	8.8	91.6433	0.007269 mg/L	Y 371.029
Sr 407.771	0.006851	mg/L	0.000017	0.2	22396.7	0.006851 mg/L	Y 371.029
Sr 421.552	0.006729	mg/L	0.000031	0.5	13645.1	0.006729 mg/L	Y 371.029
Ti 334.941	0.000503	mg/L	0.000202	40.2	214.221	0.000503 mg/L	Y 371.029
Ti 336.122	0.000555	mg/L	0.000210	37.8	93.6003	0.000555 mg/L	Y 371.029
Ti 337.280	0.000775	mg/L	0.000434	56.0	21.2452	0.000775 mg/L	Y 371.029
Tl 190.794	0.006788	mg/L	0.002618	38.6	3.09522	0.006788 mg/L	Y 371.029
Tl 190.807	0.004642uv	mg/L	0.004268	91.9	2.30294	0.004642 mg/L	Y 371.029
Tl 351.923	0.006973	mg/L	0.005571	79.9	25.8762	0.006973 mg/L	Y 371.029
V 268.796	-0.000712uv	mg/L	0.000214	30.1	35.5370	-0.000712 mg/L	Y 371.029
V 292.401	-0.000036uv	mg/L	0.000439	1217.1	31.4846	-0.000036 mg/L	Y 371.029
V 311.837	0.000995	mg/L	0.000088	8.9	14.8229	0.000995 mg/L	Y 371.029
Zn 202.548	0.007944	mg/L	0.001226	15.4	841.220	0.007944 mg/L	Y 371.029
Zn 206.200	0.007342	mg/L	0.000501	6.8	263.523	0.007342 mg/L	Y 371.029
Zn 213.857	0.007114	mg/L	0.000431	6.1	1383.34	0.007114 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.26356	10132.2	32.379	0.3
Y 371.029	0.892514	147182	684.716	0.5

11C1255-06 (Samp) **4/7/2011, 12:21:16 PM** **Rack 3, Tube 32**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.016348uv	mg/L	0.000615	3.8	749.175	-0.163477 mg/L	Y 371.029
Ag 338.289	-0.011210uv	mg/L	0.001265	11.3	-1.39671	-0.112104 mg/L	Y 371.029
Al 237.312	0.000572uv	mg/L	0.003639	636.6	53.5346	0.005716 mg/L	Y 371.029
Al 257.509	-0.001600uv	mg/L	0.009703	606.3	16.5113	-0.016004 mg/L	Y 371.029
Al 308.215	0.006252uv	mg/L	0.002519	40.3	908.935	0.062516 mg/L	Y 371.029
As 188.980	0.010300	mg/L	0.002053	19.9	8.37920	0.102999 mg/L	Y 371.029
As 193.696	0.007322	mg/L	0.008561	116.9	3.77442	0.073218 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.008405	248.7	10.9271	uncal mg/L	Y 371.029
B 182.577	0.009555	mg/L	0.001661	17.4	9.88246	0.095546 mg/L	Y 371.029
B 249.678	0.004701	mg/L	0.001678	35.7	78.7695	0.047014 mg/L	Y 371.029
B 249.772	0.014582	mg/L	0.000207	1.4	671.649	0.145820 mg/L	Y 371.029
Ba 233.527	0.008397	mg/L	0.000188	2.2	553.386	0.083973 mg/L	Y 371.029
Ba 455.403	0.008883	mg/L	0.000028	0.3	12030.1	0.088828 mg/L	Y 371.029
Ba 493.408	0.008354	mg/L	0.000040	0.5	7107.05	0.083541 mg/L	Y 371.029
Be 234.861	0.001211	mg/L	0.000047	3.9	10.9684	0.012106 mg/L	Y 371.029
Be 313.042	0.000219	mg/L	0.000002	0.8	1665.70	0.002186 mg/L	Y 371.029
Be 313.107	0.000018	mg/L	0.000019	101.9	89.9139	0.000184 mg/L	Y 371.029
Ca 393.366	2.86004n	mg/L	0.010944	0.4	3691212	28.6004 mg/L	Y 371.029
Ca 396.847	2.53523	mg/L	0.009802	0.4	5040724	25.3523 mg/L	Y 371.029
Ca 430.253	2.84654	mg/L	0.017840	0.6	14307.9	28.4654 mg/L	Y 371.029
Cd 214.439	0.000412	mg/L	0.000169	40.9	10.7338	0.004115 mg/L	Y 371.029
Cd 226.502	0.000392	mg/L	0.000114	29.0	88.8111	0.003917 mg/L	Y 371.029
Cd 228.802	-0.000391uv	mg/L	0.000378	96.7	14.6011	-0.003914 mg/L	Y 371.029
Co 228.615	-0.008933uv	mg/L	0.000432	4.8	13.2750	-0.089328 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	-0.009985	mg/L	0.000419	4.2	12.8835	-0.099846 mg/L	Y 371.029
Co 238.892	0.024520uv	mg/L	0.001085	4.4	10.1760	0.245196 mg/L	Y 371.029
Cr 205.560	-0.004224uv	mg/L	0.000616	14.6	3.28084	-0.042242 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000103	2.9	2.23935	uncal mg/L	Y 371.029
Cr 267.716	-0.003251	mg/L	0.000209	6.4	28.1542	-0.032508 mg/L	Y 371.029
Cu 213.598	-0.007928	mg/L	0.000387	4.9	20.8712	-0.079279 mg/L	Y 371.029
Cu 324.754	-0.002596uv	mg/L	0.000213	8.2	571.568	-0.025960 mg/L	Y 371.029
Cu 327.395	-0.005083	mg/L	0.000382	7.5	34.0940	-0.050828 mg/L	Y 371.029
Fe 234.350	20.8684	mg/L	0.341650	1.6	188277	208.684 mg/L	Y 371.029
Fe 238.204	21.0979	mg/L	0.324944	1.5	405887	210.979 mg/L	Y 371.029
Fe 259.940	21.1718	mg/L	0.349944	1.7	325731	211.718 mg/L	Y 371.029
Ga 287.423	-0.093798	mg/L	0.001587	1.7	193.861	-0.937976 mg/L	Y 371.029
Ga 294.363	-0.002636uv	mg/L	0.000909	34.5	26.2877	-0.026355 mg/L	Y 371.029
Ga 417.204	0.000441	mg/L	0.000764	173.1	150.243	0.004411 mg/L	Y 371.029
K 766.491	0.585538	mg/L	0.001841	0.3	46817.1	5.85538 mg/L	Y 371.029
K 769.897	0.563730	mg/L	0.006966	1.2	46145.2	5.63730 mg/L	Y 371.029
Li 610.365	0.005000	mg/L	0.000286	5.7	15.4206	0.050002 mg/L	Y 371.029
Li 670.783	0.002324	mg/L	0.000064	2.7	83184.1	0.023236 mg/L	Y 371.029
Mg 279.078	4.55797	mg/L	0.011692	0.3	8020.88	45.5797 mg/L	Y 371.029
Mg 280.270	5.35027	mg/L	0.040589	0.8	486471	53.5027 mg/L	Y 371.029
Mg 285.213	4.71702	mg/L	0.086036	1.8	167370	47.1702 mg/L	Y 371.029
Mn 257.610	0.451779	mg/L	0.003761	0.8	68673.3	4.51779 mg/L	Y 371.029
Mn 259.372	0.438806	mg/L	0.003384	0.8	53673.5	4.38806 mg/L	Y 371.029
Mn 260.568	0.446800	mg/L	0.000584	0.1	8970.02	4.46800 mg/L	Y 371.029
Mo 202.032	-0.018783	mg/L	0.000249	1.3	37.3633	-0.187831 mg/L	Y 371.029
Mo 203.846	-0.018948	mg/L	0.001726	9.1	14.9594	-0.189478 mg/L	Y 371.029
Mo 204.598	-0.019233	mg/L	0.001755	9.1	10.4218	-0.192332 mg/L	Y 371.029
Na 568.821	43.5919	mg/L	0.065749	0.2	12000.9	435.919 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.182982	0.5	23091608	- mg/L	Y 371.029
Na 589.592	40.8006	mg/L	0.199987	0.5	13652641	408.006 mg/L	Y 371.029
Ni 216.555	-0.017261	mg/L	0.000310	1.8	12.9609	-0.172613 mg/L	Y 371.029
Ni 221.648	-0.017439uv	mg/L	0.001603	9.2	4.56272	-0.174390 mg/L	Y 371.029
Ni 231.604	-0.017848uv	mg/L	0.000503	2.8	7.75390	-0.178481 mg/L	Y 371.029
P 177.434	0.059153	mg/L	0.003102	5.2	12.1668	0.591532 mg/L	Y 371.029
P 213.618	0.057393	mg/L	0.005740	10.0	45.6975	0.573931 mg/L	Y 371.029
P 214.914	0.061923	mg/L	0.009987	16.1	17.7138	0.619228 mg/L	Y 371.029
Pb 220.353	0.000973uv	mg/L	0.002010	206.6	5.86137	0.009729 mg/L	Y 371.029
Pb 261.417	-0.013631uv	mg/L	0.008069	59.2	17.4001	-0.136313 mg/L	Y 371.029
Pb 405.781	0.004889	mg/L	0.009729	199.0	55.0127	0.048892 mg/L	Y 371.029
Sb 206.834	-0.000040	mg/L	0.002020	5017.7	12.7730	-0.000403 mg/L	Y 371.029
Sb 231.146	0.016766	mg/L	0.008853	52.8	11.7987	0.167664 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.018944	44.7	19.7688	uncal mg/L	Y 371.029
Se 196.026	-0.001476uv	mg/L	0.002063	139.8	4.75857	-0.014755 mg/L	Y 371.029
Se 203.985	0.000954uv	mg/L	0.003714	389.3	2.32458	0.009540 mg/L	Y 371.029
Si 250.690	1.92151	mg/L	0.004579	0.2	2602.95	19.2151 mg/L	Y 371.029
Si 251.611	1.90818	mg/L	0.013257	0.7	3015.97	19.0818 mg/L	Y 371.029
Si 288.158	1.85134	mg/L	0.020422	1.1	15411.1	18.5134 mg/L	Y 371.029
Sn 189.927	0.000315uv	mg/L	0.002584	819.6	3.89324	0.003153 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.002965	13.1	8.31297	uncal mg/L	Y 371.029
Sr 216.596	0.022662	mg/L	0.000286	1.3	281.279	0.226619 mg/L	Y 371.029
Sr 407.771	0.024290	mg/L	0.000056	0.2	65394.5	0.242902 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.023707	mg/L	0.000061	0.3	40117.5	0.237067 mg/L	Y 371.029
Ti 334.941	-0.000950	mg/L	0.000075	7.9	135.177	-0.009501 mg/L	Y 371.029
Ti 336.122	-0.000655	mg/L	0.000396	60.5	78.0972	-0.006547 mg/L	Y 371.029
Ti 337.280	-0.000344	mg/L	0.000452	131.6	21.7601	-0.003436 mg/L	Y 371.029
Tl 190.794	0.006048	mg/L	0.003632	60.1	3.07925	0.060483 mg/L	Y 371.029
Tl 190.807	0.005811	mg/L	0.003556	61.2	2.63782	0.058106 mg/L	Y 371.029
Tl 351.923	0.008021	mg/L	0.006522	81.3	24.3727	0.080211 mg/L	Y 371.029
V 268.796	-0.006108	mg/L	0.000012	0.2	39.5650	-0.061083 mg/L	Y 371.029
V 292.401	-0.003407	mg/L	0.000042	1.2	39.5888	-0.034070 mg/L	Y 371.029
V 311.837	-0.001890	mg/L	0.000156	8.2	18.9656	-0.018902 mg/L	Y 371.029
Zn 202.548	-0.000895	mg/L	0.000398	44.5	810.375	-0.008951 mg/L	Y 371.029
Zn 206.200	-0.000343	mg/L	0.000221	64.4	257.035	-0.003428 mg/L	Y 371.029
Zn 213.857	-0.001205	mg/L	0.000422	35.0	1368.27	-0.012050 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24376	9973.45	91.153	0.9
Y 371.029	0.875413	144362	1295.626	0.9

SEQ-CCV9 (Samp) **4/7/2011, 12:25:29 PM** **Rack 3, Tube 33**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.080543	mg/L	0.002632	3.3	5419.93	0.080543 mg/L	Y 371.029
Ag 338.289	0.082171	mg/L	0.002377	2.9	272.795	0.082171 mg/L	Y 371.029
Al 237.312	2.51222	mg/L	0.098435	3.9	3352.95	2.51222 mg/L	Y 371.029
Al 257.509	2.51208	mg/L	0.060210	2.4	1527.11	2.51208 mg/L	Y 371.029
Al 308.215	2.48543	mg/L	0.069621	2.8	15883.7	2.48543 mg/L	Y 371.029
As 188.980	0.502173	mg/L	0.008628	1.7	198.996	0.502173 mg/L	Y 371.029
As 193.696	0.488098	mg/L	0.008240	1.7	218.585	0.488098 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.034696	5.9	672.156	uncal mg/L	Y 371.029
B 182.577	0.495701	mg/L	0.007650	1.5	257.679	0.495701 mg/L	Y 371.029
B 249.678	0.461737	mg/L	0.011762	2.5	4191.53	0.461737 mg/L	Y 371.029
B 249.772	0.464162	mg/L	0.011735	2.5	8762.47	0.464162 mg/L	Y 371.029
Ba 233.527	0.483303	mg/L	0.017376	3.6	19823.0	0.483303 mg/L	Y 371.029
Ba 455.403	0.503305	mg/L	0.012391	2.5	451085	0.503305 mg/L	Y 371.029
Ba 493.408	0.490515	mg/L	0.012601	2.6	264032	0.490515 mg/L	Y 371.029
Be 234.861	0.487789	mg/L	0.012241	2.5	56775.5	0.487789 mg/L	Y 371.029
Be 313.042	0.481966	mg/L	0.011033	2.3	808632	0.481966 mg/L	Y 371.029
Be 313.107	0.476859	mg/L	0.010816	2.3	385959	0.476859 mg/L	Y 371.029
Ca 393.366	4.72541n	mg/L	0.112709	2.4	6080464	4.72541 mg/L	Y 371.029
Ca 396.847	4.33432	mg/L	0.100432	2.3	8593459	4.33432 mg/L	Y 371.029
Ca 430.253	5.01289	mg/L	0.136440	2.7	23817.6	5.01289 mg/L	Y 371.029
Cd 214.439	0.257178	mg/L	0.009878	3.8	5633.31	0.257178 mg/L	Y 371.029
Cd 226.502	0.246627	mg/L	0.006496	2.6	9796.99	0.246627 mg/L	Y 371.029
Cd 228.802	0.250245	mg/L	0.010616	4.2	3830.70	0.250245 mg/L	Y 371.029
Co 228.615	0.501944	mg/L	0.020023	4.0	4855.14	0.501944 mg/L	Y 371.029
Co 230.786	0.493712	mg/L	0.022371	4.5	3224.60	0.493712 mg/L	Y 371.029
Co 238.892	0.502682	mg/L	0.006538	1.3	3023.10	0.502682 mg/L	Y 371.029
Cr 205.560	0.504835	mg/L	0.008019	1.6	2168.96	0.504835 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.013987	2.8	889.002	uncal mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.486034	mg/L	0.014413	3.0	10800.8	0.486034 mg/L	Y 371.029
Cu 213.598	0.513853	mg/L	0.008409	1.6	2240.96	0.513853 mg/L	Y 371.029
Cu 324.754	0.505894	mg/L	0.013523	2.7	17411.4	0.505894 mg/L	Y 371.029
Cu 327.395	0.498734	mg/L	0.012789	2.6	21358.0	0.498734 mg/L	Y 371.029
Fe 234.350	0.488668	mg/L	0.013202	2.7	4715.64	0.488668 mg/L	Y 371.029
Fe 238.204	0.483129	mg/L	0.019243	4.0	9692.03	0.483129 mg/L	Y 371.029
Fe 259.940	0.488273	mg/L	0.016559	3.4	7814.68	0.488273 mg/L	Y 371.029
Ga 287.423	0.504733	mg/L	0.021694	4.3	1218.14	0.504733 mg/L	Y 371.029
Ga 294.363	0.490047	mg/L	0.015803	3.2	3159.28	0.490047 mg/L	Y 371.029
Ga 417.204	0.515330	mg/L	0.014332	2.8	5216.85	0.515330 mg/L	Y 371.029
K 766.491	5.38363	mg/L	0.114825	2.1	409364	5.38363 mg/L	Y 371.029
K 769.897	5.29799	mg/L	0.117830	2.2	320128	5.29799 mg/L	Y 371.029
Li 610.365	1.04179	mg/L	0.028267	2.7	50032.9	1.04179 mg/L	Y 371.029
Li 670.783	0.989162	mg/L	0.024102	2.4	3762451	0.989162 mg/L	Y 371.029
Mg 279.078	4.96112	mg/L	0.128636	2.6	8719.80	4.96112 mg/L	Y 371.029
Mg 280.270	5.84537	mg/L	0.173363	3.0	531467	5.84537 mg/L	Y 371.029
Mg 285.213	5.20281	mg/L	0.181787	3.5	184602	5.20281 mg/L	Y 371.029
Mn 257.610	0.493682	mg/L	0.014911	3.0	75858.4	0.493682 mg/L	Y 371.029
Mn 259.372	0.489820	mg/L	0.014799	3.0	56401.3	0.489820 mg/L	Y 371.029
Mn 260.568	0.495078	mg/L	0.017195	3.5	9940.68	0.495078 mg/L	Y 371.029
Mo 202.032	1.00893	mg/L	0.015293	1.5	3611.97	1.00893 mg/L	Y 371.029
Mo 203.846	1.02719	mg/L	0.001010	0.1	1464.80	1.02719 mg/L	Y 371.029
Mo 204.598	1.00726	mg/L	0.009279	0.9	1727.52	1.00726 mg/L	Y 371.029
Na 568.821	4.94364	mg/L	0.217830	4.4	1485.56	4.94364 mg/L	Y 371.029
Na 588.995	5.46740	mg/L	0.142430	2.6	3596514	5.46740 mg/L	Y 371.029
Na 589.592	5.26546	mg/L	0.123459	2.3	1833677	5.26546 mg/L	Y 371.029
Ni 216.555	1.00221	mg/L	0.026930	2.7	5748.99	1.00221 mg/L	Y 371.029
Ni 221.648	1.00688	mg/L	0.027024	2.7	2287.77	1.00688 mg/L	Y 371.029
Ni 231.604	1.00246	mg/L	0.041703	4.2	3706.26	1.00246 mg/L	Y 371.029
P 177.434	0.496400	mg/L	0.014403	2.9	84.4363	0.496400 mg/L	Y 371.029
P 213.618	0.519461	mg/L	0.009278	1.8	378.320	0.519461 mg/L	Y 371.029
P 214.914	0.525457	mg/L	0.009864	1.9	116.780	0.525457 mg/L	Y 371.029
Pb 220.353	1.01317	mg/L	0.025877	2.6	1324.51	1.01317 mg/L	Y 371.029
Pb 261.417	1.01641	mg/L	0.031879	3.1	563.565	1.01641 mg/L	Y 371.029
Pb 405.781	1.02600	mg/L	0.020416	2.0	1467.13	1.02600 mg/L	Y 371.029
Sb 206.834	0.850100	mg/L	0.019358	2.3	557.449	0.850100 mg/L	Y 371.029
Sb 231.146	0.886776	mg/L	0.011125	1.3	434.028	0.886776 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.027770	3.0	368.789	uncal mg/L	Y 371.029
Se 196.026	0.986051	mg/L	0.022075	2.2	323.752	0.986051 mg/L	Y 371.029
Se 203.985	1.00487	mg/L	0.013169	1.3	190.584	1.00487 mg/L	Y 371.029
Si 250.690	0.995773	mg/L	0.015943	1.6	1373.02	0.995773 mg/L	Y 371.029
Si 251.611	0.985061	mg/L	0.014674	1.5	1590.71	0.985061 mg/L	Y 371.029
Si 288.158	0.950314	mg/L	0.028402	3.0	8340.46	0.950314 mg/L	Y 371.029
Sn 189.927	0.966204	mg/L	0.022815	2.4	298.465	0.966204 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.046178	3.8	2085.27	uncal mg/L	Y 371.029
Sr 216.596	0.512340	mg/L	0.013288	2.6	4911.67	0.512340 mg/L	Y 371.029
Sr 407.771	0.475159	mg/L	0.009230	1.9	1172771	0.475159 mg/L	Y 371.029
Sr 421.552	0.466479	mg/L	0.010792	2.3	726544	0.466479 mg/L	Y 371.029
Ti 334.941	0.475621	mg/L	0.010726	2.3	96789.1	0.475621 mg/L	Y 371.029
Ti 336.122	0.478655	mg/L	0.013663	2.9	41596.5	0.478655 mg/L	Y 371.029
Ti 337.280	0.490764	mg/L	0.016468	3.4	14736.4	0.490764 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.495823	mg/L	0.010064	2.0	188.100	0.495823 mg/L	Y 371.029
Tl 190.807	0.490731	mg/L	0.012445	2.5	99.9007	0.490731 mg/L	Y 371.029
Tl 351.923	0.465432	mg/L	0.005465	1.2	667.999	0.465432 mg/L	Y 371.029
V 268.796	0.511390	mg/L	0.016256	3.2	5358.00	0.511390 mg/L	Y 371.029
V 292.401	0.506647	mg/L	0.013471	2.7	16602.5	0.506647 mg/L	Y 371.029
V 311.837	0.510422	mg/L	0.013461	2.6	22742.7	0.510422 mg/L	Y 371.029
Zn 202.548	0.518146	mg/L	0.013123	2.5	6324.72	0.518146 mg/L	Y 371.029
Zn 206.200	0.518272	mg/L	0.012423	2.4	1975.20	0.518272 mg/L	Y 371.029
Zn 213.857	0.497431	mg/L	0.020789	4.2	10220.1	0.497431 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23059	9867.83	237.090	2.4
Y 371.029	0.870591	143567	3390.078	2.4

SEQ-CCB9 (Samp) **4/7/2011, 12:29:40 PM** **Rack 3, Tube 34**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015943uv	mg/L	0.000437	2.7	715.661	-0.015943 mg/L	Y 371.029
Ag 338.289	-0.011035uv	mg/L	0.001550	14.0	-1.07907	-0.011035 mg/L	Y 371.029
Al 237.312	0.006663	mg/L	0.005804	87.1	69.4466	0.006663 mg/L	Y 371.029
Al 257.509	0.010897uv	mg/L	0.009862	90.5	20.0000	0.010897 mg/L	Y 371.029
Al 308.215	-0.009726uv	mg/L	0.000427	4.4	894.299	-0.009726 mg/L	Y 371.029
As 188.980	0.009707	mg/L	0.002930	30.2	9.15848	0.009707 mg/L	Y 371.029
As 193.696	0.007597	mg/L	0.001230	16.2	4.42790	0.007597 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005539	193.6	14.0440	uncal mg/L	Y 371.029
B 182.577	0.004316	mg/L	0.001184	27.4	6.92564	0.004316 mg/L	Y 371.029
B 249.678	0.006188	mg/L	0.000924	14.9	77.0919	0.006188 mg/L	Y 371.029
B 249.772	0.006132	mg/L	0.001199	19.6	163.094	0.006132 mg/L	Y 371.029
Ba 233.527	0.000028uv	mg/L	0.000050	173.9	196.732	0.000028 mg/L	Y 371.029
Ba 455.403	0.000094	mg/L	0.000018	19.1	4169.86	0.000094 mg/L	Y 371.029
Ba 493.408	-0.000031uv	mg/L	0.000029	93.9	2495.18	-0.000031 mg/L	Y 371.029
Be 234.861	0.000096	mg/L	0.000012	12.5	-1.28596	0.000096 mg/L	Y 371.029
Be 313.042	0.000178	mg/L	0.000003	1.5	1609.08	0.000178 mg/L	Y 371.029
Be 313.107	0.000017	mg/L	0.000011	62.6	86.0376	0.000017 mg/L	Y 371.029
Ca 393.366	-0.002747nuv	mg/L	0.000082	3.0	16656.4	-0.002747 mg/L	Y 371.029
Ca 396.847	-0.002016uv	mg/L	0.000072	3.6	22993.2	-0.002016 mg/L	Y 371.029
Ca 430.253	-0.024039uv	mg/L	0.002106	8.8	1263.14	-0.024039 mg/L	Y 371.029
Cd 214.439	0.000287	mg/L	0.000228	79.3	4.63388	0.000287 mg/L	Y 371.029
Cd 226.502	0.000092	mg/L	0.000096	105.0	21.5605	0.000092 mg/L	Y 371.029
Cd 228.802	-0.000150uv	mg/L	0.000178	119.0	21.0833	-0.000150 mg/L	Y 371.029
Co 228.615	-0.000354uv	mg/L	0.000187	52.8	8.86854	-0.000354 mg/L	Y 371.029
Co 230.786	0.000620	mg/L	0.000334	53.8	12.5475	0.000620 mg/L	Y 371.029
Co 238.892	-0.000012uv	mg/L	0.000667	5358.0	6.75416	-0.000012 mg/L	Y 371.029
Cr 205.560	-0.000189uv	mg/L	0.000356	188.2	5.40149	-0.000189 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000495	42.8	3.80496	uncal mg/L	Y 371.029
Cr 267.716	0.000145	mg/L	0.000078	53.7	25.9329	0.000145 mg/L	Y 371.029
Cu 213.598	0.000420	mg/L	0.000168	39.9	4.50120	0.000420 mg/L	Y 371.029
Cu 324.754	-0.000060uv	mg/L	0.000169	280.0	580.968	-0.000060 mg/L	Y 371.029
Cu 327.395	0.000554	mg/L	0.000155	28.0	47.5495	0.000554 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.000530	mg/L	0.000715	134.9	19.0799	0.000530 mg/L	Y 371.029
Fe 238.204	0.001142	mg/L	0.000630	55.2	47.3946	0.001142 mg/L	Y 371.029
Fe 259.940	0.001395	mg/L	0.000527	37.7	65.3883	0.001395 mg/L	Y 371.029
Ga 287.423	0.002317uv	mg/L	0.003231	139.5	17.9123	0.002317 mg/L	Y 371.029
Ga 294.363	-0.000629uv	mg/L	0.000411	65.4	18.4965	-0.000629 mg/L	Y 371.029
Ga 417.204	0.001671uv	mg/L	0.001706	102.1	95.7486	0.001671 mg/L	Y 371.029
K 766.491	0.001910	mg/L	0.000456	23.9	2388.11	0.001910 mg/L	Y 371.029
K 769.897	0.008716	mg/L	0.001268	14.5	13399.2	0.008716 mg/L	Y 371.029
Li 610.365	0.004874	mg/L	0.000170	3.5	9.31080	0.004874 mg/L	Y 371.029
Li 670.783	0.001089	mg/L	0.000025	2.3	75864.8	0.001089 mg/L	Y 371.029
Mg 279.078	0.001810	mg/L	0.000536	29.6	18.1378	0.001810 mg/L	Y 371.029
Mg 280.270	-0.001607uv	mg/L	0.000074	4.6	330.538	-0.001607 mg/L	Y 371.029
Mg 285.213	0.000346	mg/L	0.000189	54.5	92.8828	0.000346 mg/L	Y 371.029
Mn 257.610	-0.000046uv	mg/L	0.000016	34.4	1.71624	-0.000046 mg/L	Y 371.029
Mn 259.372	0.000032	mg/L	0.000038	117.9	60.6232	0.000032 mg/L	Y 371.029
Mn 260.568	0.000103	mg/L	0.000072	70.3	6.15025	0.000103 mg/L	Y 371.029
Mo 202.032	0.022925	mg/L	0.003040	13.3	104.425	0.022925 mg/L	Y 371.029
Mo 203.846	0.024233	mg/L	0.001997	8.2	40.8678	0.024233 mg/L	Y 371.029
Mo 204.598	0.023685	mg/L	0.003286	13.9	40.3640	0.023685 mg/L	Y 371.029
Na 568.821	0.398158	mg/L	0.022899	5.8	226.445	0.398158 mg/L	Y 371.029
Na 588.995	-0.137041uv	mg/L	0.000343	0.3	223080	-0.137041 mg/L	Y 371.029
Na 589.592	-0.004241uv	mg/L	0.000255	6.0	77650.0	-0.004241 mg/L	Y 371.029
Ni 216.555	0.000366	mg/L	0.000184	50.4	4.23882	0.000366 mg/L	Y 371.029
Ni 221.648	0.000618uv	mg/L	0.000980	158.7	4.05485	0.000618 mg/L	Y 371.029
Ni 231.604	-0.000711uv	mg/L	0.000356	50.1	5.37866	-0.000711 mg/L	Y 371.029
P 177.434	0.002785uv	mg/L	0.005193	186.5	2.39138	0.002785 mg/L	Y 371.029
P 213.618	-0.000251uv	mg/L	0.000839	334.1	0.684647	-0.000251 mg/L	Y 371.029
P 214.914	-0.000319uv	mg/L	0.010992	3447.8	1.99404	-0.000319 mg/L	Y 371.029
Pb 220.353	-0.000063uv	mg/L	0.001031	1629.7	4.00706	-0.000063 mg/L	Y 371.029
Pb 261.417	0.014264	mg/L	0.004381	30.7	28.7133	0.014264 mg/L	Y 371.029
Pb 405.781	0.019740	mg/L	0.008631	43.7	63.4898	0.019740 mg/L	Y 371.029
Sb 206.834	0.042127	mg/L	0.003913	9.3	35.9951	0.042127 mg/L	Y 371.029
Sb 231.146	0.055256	mg/L	0.004898	8.9	31.6333	0.055256 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.001877	2.9	32.3560	uncal mg/L	Y 371.029
Se 196.026	0.011545	mg/L	0.003176	27.5	9.69143	0.011545 mg/L	Y 371.029
Se 203.985	0.032881	mg/L	0.010137	30.8	9.03699	0.032881 mg/L	Y 371.029
Si 250.690	-0.014183uv	mg/L	0.004458	31.4	23.1857	-0.014183 mg/L	Y 371.029
Si 251.611	-0.003938uv	mg/L	0.000468	11.9	18.2832	-0.003938 mg/L	Y 371.029
Si 288.158	-0.004169uv	mg/L	0.001118	26.8	850.893	-0.004169 mg/L	Y 371.029
Sn 189.927	-0.000550uv	mg/L	0.002842	516.7	3.23616	-0.000550 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.002345	35.0	23.2645	uncal mg/L	Y 371.029
Sr 216.596	0.000254	mg/L	0.000336	132.6	23.3365	0.000254 mg/L	Y 371.029
Sr 407.771	-0.000023uv	mg/L	0.000006	25.4	5425.73	-0.000023 mg/L	Y 371.029
Sr 421.552	-0.000046uv	mg/L	0.000009	18.9	3084.46	-0.000046 mg/L	Y 371.029
Ti 334.941	0.000674	mg/L	0.000129	19.2	241.977	0.000674 mg/L	Y 371.029
Ti 336.122	0.000711	mg/L	0.000271	38.2	104.697	0.000711 mg/L	Y 371.029
Ti 337.280	0.001027	mg/L	0.000232	22.6	27.4866	0.001027 mg/L	Y 371.029
Tl 190.794	0.005913	mg/L	0.002327	39.4	2.76255	0.005913 mg/L	Y 371.029
Tl 190.807	0.004977	mg/L	0.001678	33.7	2.42716	0.004977 mg/L	Y 371.029
Tl 351.923	0.003172	mg/L	0.002416	76.2	20.5751	0.003172 mg/L	Y 371.029
V 268.796	0.000928	mg/L	0.000350	37.7	66.9568	0.000928 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.000097	mg/L	0.000081	83.5	32.6954	0.000097 mg/L	Y 371.029
V 311.837	0.001358	mg/L	0.000166	12.2	27.6438	0.001358 mg/L	Y 371.029
Zn 202.548	0.003990	mg/L	0.000435	10.9	795.836	0.003990 mg/L	Y 371.029
Zn 206.200	0.003483	mg/L	0.000876	25.1	249.452	0.003483 mg/L	Y 371.029
Zn 213.857	0.002448	mg/L	0.000271	11.1	1293.78	0.002448 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.26211	10120.6	9.129	0.1
Y 371.029	0.894665	147536	179.157	0.1

11C1255-10 (Samp) **4/7/2011, 12:37:52 PM** **Rack 3, Tube 35**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.017282uv	mg/L	0.000301	1.7	774.132	-0.172817 mg/L	Y 371.029
Ag 338.289	-0.010870uv	mg/L	0.000608	5.6	-0.704531	-0.108696 mg/L	Y 371.029
Al 237.312	-0.005997uv	mg/L	0.002166	36.1	61.9549	-0.059967 mg/L	Y 371.029
Al 257.509	0.008481	mg/L	0.003298	38.9	21.5971	0.084811 mg/L	Y 371.029
Al 308.215	0.011025uv	mg/L	0.001626	14.8	916.294	0.110246 mg/L	Y 371.029
As 188.980	0.010712	mg/L	0.003320	31.0	8.41717	0.107118 mg/L	Y 371.029
As 193.696	0.007562	mg/L	0.005267	69.6	3.32196	0.075618 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007304	222.8	15.7378	uncal mg/L	Y 371.029
B 182.577	0.015483	mg/L	0.001629	10.5	13.8498	0.154828 mg/L	Y 371.029
B 249.678	0.014825	mg/L	0.001337	9.0	182.382	0.148251 mg/L	Y 371.029
B 249.772	0.016408	mg/L	0.000211	1.3	390.592	0.164077 mg/L	Y 371.029
Ba 233.527	0.063860	mg/L	0.000307	0.5	2827.17	0.638595 mg/L	Y 371.029
Ba 455.403	0.064556	mg/L	0.000141	0.2	62095.5	0.645562 mg/L	Y 371.029
Ba 493.408	0.064299	mg/L	0.000063	0.1	37212.4	0.642993 mg/L	Y 371.029
Be 234.861	0.000157	mg/L	0.000027	17.2	5.21990	0.001573 mg/L	Y 371.029
Be 313.042	0.000239	mg/L	0.000007	3.1	1685.15	0.002392 mg/L	Y 371.029
Be 313.107	0.000011	mg/L	0.000002	15.5	86.0536	0.000112 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.832775	2.7	39501280	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.154106	0.8	40535804	- mg/L	Y 371.029
Ca 430.253	47.9456	mg/L	0.183329	0.4	215462	479.456 mg/L	Y 371.029
Cd 214.439	0.000307	mg/L	0.000029	9.5	5.11048	0.003071 mg/L	Y 371.029
Cd 226.502	-0.000044uv	mg/L	0.000143	323.3	21.3822	-0.000443 mg/L	Y 371.029
Cd 228.802	-0.000156uv	mg/L	0.000421	270.2	20.5064	-0.001557 mg/L	Y 371.029
Co 228.615	0.000162uv	mg/L	0.000162	99.9	9.25585	0.001619 mg/L	Y 371.029
Co 230.786	0.000264uv	mg/L	0.000543	205.6	9.41793	0.002641 mg/L	Y 371.029
Co 238.892	-0.000769uv	mg/L	0.000426	55.5	4.81075	-0.007685 mg/L	Y 371.029
Cr 205.560	-0.000175	mg/L	0.000221	126.3	8.14485	-0.001751 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000340	16.2	5.75165	uncal mg/L	Y 371.029
Cr 267.716	0.000840	mg/L	0.000380	45.3	50.9016	0.008403 mg/L	Y 371.029
Cu 213.598	-0.000673	mg/L	0.000301	44.8	3.92935	-0.006727 mg/L	Y 371.029
Cu 324.754	0.003599	mg/L	0.000304	8.4	623.218	0.035990 mg/L	Y 371.029
Cu 327.395	0.000305	mg/L	0.000242	79.3	55.9406	0.003053 mg/L	Y 371.029
Fe 234.350	-0.001560	mg/L	0.000736	47.2	82.5695	-0.015598 mg/L	Y 371.029
Fe 238.204	-0.002977	mg/L	0.000782	26.3	181.661	-0.029770 mg/L	Y 371.029
Fe 259.940	-0.002109	mg/L	0.000760	36.1	168.870	-0.021093 mg/L	Y 371.029
Ga 287.423	0.000348uv	mg/L	0.003450	990.0	15.3071	0.003485 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.000486uv	mg/L	0.000943	194.1	21.7893	0.004858 mg/L	Y 371.029
Ga 417.204	0.002255	mg/L	0.000661	29.3	88.1140	0.022554 mg/L	Y 371.029
K 766.491	6.35294	mg/L	0.022216	0.3	483061	63.5294 mg/L	Y 371.029
K 769.897	6.25647	mg/L	0.026015	0.4	376176	62.5647 mg/L	Y 371.029
Li 610.365	0.006923	mg/L	0.000156	2.3	108.191	0.069232 mg/L	Y 371.029
Li 670.783	0.017739	mg/L	0.000044	0.2	140106	0.177386 mg/L	Y 371.029
Mg 279.078	0.008220	mg/L	0.002378	28.9	27.0114	0.082197 mg/L	Y 371.029
Mg 280.270	0.005456	mg/L	0.000045	0.8	1212.16	0.054559 mg/L	Y 371.029
Mg 285.213	0.006980	mg/L	0.000423	6.1	373.932	0.069802 mg/L	Y 371.029
Mn 257.610	-0.000036	mg/L	0.000012	34.6	5.05809	-0.000361 mg/L	Y 371.029
Mn 259.372	-0.000517	mg/L	0.000031	6.0	65.2499	-0.005167 mg/L	Y 371.029
Mn 260.568	0.000130	mg/L	0.000144	110.6	10.9540	0.001304 mg/L	Y 371.029
Mo 202.032	-0.025361	mg/L	0.001024	4.0	45.1065	-0.253615 mg/L	Y 371.029
Mo 203.846	-0.025293	mg/L	0.001771	7.0	16.9270	-0.252933 mg/L	Y 371.029
Mo 204.598	-0.025499	mg/L	0.000738	2.9	12.0739	-0.254992 mg/L	Y 371.029
Na 568.821	46.5748	mg/L	0.039290	0.1	12877.4	465.748 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.730695	1.8	24689758	- mg/L	Y 371.029
Na 589.592	43.3055	mg/L	0.204655	0.5	14487939	433.055 mg/L	Y 371.029
Ni 216.555	0.000856	mg/L	0.000575	67.2	7.74008	0.008565 mg/L	Y 371.029
Ni 221.648	0.001604	mg/L	0.001125	70.2	6.90469	0.016036 mg/L	Y 371.029
Ni 231.604	-0.000273uv	mg/L	0.000860	315.3	7.94862	-0.002727 mg/L	Y 371.029
P 177.434	0.003678uv	mg/L	0.001659	45.1	2.21825	0.036783 mg/L	Y 371.029
P 213.618	-0.009808uv	mg/L	0.000609	6.2	-2.40151	-0.098078 mg/L	Y 371.029
P 214.914	0.011436	mg/L	0.011514	100.7	4.49011	0.114357 mg/L	Y 371.029
Pb 220.353	0.000446	mg/L	0.000679	152.4	5.77200	0.004458 mg/L	Y 371.029
Pb 261.417	0.003065uv	mg/L	0.011975	390.7	27.6878	0.030649 mg/L	Y 371.029
Pb 405.781	0.001598	mg/L	0.014501	907.4	64.1575	0.015981 mg/L	Y 371.029
Sb 206.834	-0.000944	mg/L	0.003602	381.8	14.0758	-0.009435 mg/L	Y 371.029
Sb 231.146	0.001145	mg/L	0.007530	657.9	12.3930	0.011446 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.013282	376.0	13.6304	uncal mg/L	Y 371.029
Se 196.026	0.002391uv	mg/L	0.007771	325.0	8.11621	0.023913 mg/L	Y 371.029
Se 203.985	0.021394	mg/L	0.011953	55.9	5.48523	0.213935 mg/L	Y 371.029
Si 250.690	0.019941	mg/L	0.006992	35.1	71.4196	0.199407 mg/L	Y 371.029
Si 251.611	-0.028340	mg/L	0.002951	10.4	74.7800	-0.283404 mg/L	Y 371.029
Si 288.158	-0.017464	mg/L	0.000069	0.4	1160.01	-0.174636 mg/L	Y 371.029
Sn 189.927	0.001996	mg/L	0.000774	38.8	3.87837	0.019961 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.002252	14.6	19.8104	uncal mg/L	Y 371.029
Sr 216.596	0.508984	mg/L	0.001789	0.4	4890.60	5.08984 mg/L	Y 371.029
Sr 407.771	0.470102	mg/L	0.002005	0.4	1163402	4.70102 mg/L	Y 371.029
Sr 421.552	0.457659	mg/L	0.000724	0.2	714790	4.57659 mg/L	Y 371.029
Ti 334.941	0.000010	mg/L	0.000126	1274.8	129.318	0.000099 mg/L	Y 371.029
Ti 336.122	-0.000406uv	mg/L	0.000216	53.2	3.45909	-0.004063 mg/L	Y 371.029
Ti 337.280	0.000228	mg/L	0.000274	120.2	16.8944	0.002281 mg/L	Y 371.029
Tl 190.794	0.005287uv	mg/L	0.003786	71.6	1.52835	0.052872 mg/L	Y 371.029
Tl 190.807	0.005859	mg/L	0.000587	10.0	2.28607	0.058591 mg/L	Y 371.029
Tl 351.923	0.010469	mg/L	0.008993	85.9	32.0159	0.104692 mg/L	Y 371.029
V 268.796	-0.003777	mg/L	0.000539	14.3	45.1703	-0.037767 mg/L	Y 371.029
V 292.401	0.000001	mg/L	0.000077	12992.0	33.8359	0.000006 mg/L	Y 371.029
V 311.837	0.000933	mg/L	0.000118	12.6	15.5157	0.009329 mg/L	Y 371.029
Zn 202.548	-0.002736	mg/L	0.000776	28.4	811.835	-0.027360 mg/L	Y 371.029
Zn 206.200	-0.003531	mg/L	0.000414	11.7	253.701	-0.035312 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	-0.003991	mg/L	0.000279	7.0	1324.25	-0.039909 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23301	9887.21	81.811	0.8
Y 371.029	0.866851	142950	1152.314	0.8

11C1255-11 (Samp) **4/7/2011, 12:41:43 PM** **Rack 3, Tube 36**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015224uv	mg/L	0.000258	1.7	755.094	-0.152235 mg/L	Y 371.029
Ag 338.289	-0.010892uv	mg/L	0.000635	5.8	-1.22487	-0.108923 mg/L	Y 371.029
Al 237.312	-0.006840	mg/L	0.000493	7.2	63.7343	-0.068396 mg/L	Y 371.029
Al 257.509	0.008299	mg/L	0.009934	119.7	20.3492	0.082992 mg/L	Y 371.029
Al 308.215	-0.006133uv	mg/L	0.003204	52.2	907.440	-0.061332 mg/L	Y 371.029
As 188.980	0.006894	mg/L	0.002083	30.2	7.49943	0.068943 mg/L	Y 371.029
As 193.696	0.004996uv	mg/L	0.004316	86.4	2.99052	0.049962 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010369	694.0	13.7867	uncal mg/L	Y 371.029
B 182.577	0.074697	mg/L	0.002002	2.7	42.9679	0.746972 mg/L	Y 371.029
B 249.678	0.063355	mg/L	0.000135	0.2	595.293	0.633555 mg/L	Y 371.029
B 249.772	0.065145	mg/L	0.000512	0.8	1272.34	0.651448 mg/L	Y 371.029
Ba 233.527	0.001227	mg/L	0.000046	3.7	269.626	0.012272 mg/L	Y 371.029
Ba 455.403	0.001350	mg/L	0.000026	2.0	5775.37	0.013498 mg/L	Y 371.029
Ba 493.408	0.001164	mg/L	0.000032	2.8	3449.39	0.011637 mg/L	Y 371.029
Be 234.861	0.000109	mg/L	0.000013	11.8	2.07124	0.001094 mg/L	Y 371.029
Be 313.042	0.000183	mg/L	0.000016	8.7	1642.16	0.001829 mg/L	Y 371.029
Be 313.107	-0.000003	mg/L	0.000007	198.4	82.1943	-0.000034 mg/L	Y 371.029
Ca 393.366	2.83219n	mg/L	0.032972	1.2	3661283	28.3219 mg/L	Y 371.029
Ca 396.847	2.45561	mg/L	0.033791	1.4	4891848	24.5561 mg/L	Y 371.029
Ca 430.253	2.82664	mg/L	0.037726	1.3	14110.5	28.2664 mg/L	Y 371.029
Cd 214.439	0.000270	mg/L	0.000082	30.4	3.78273	0.002695 mg/L	Y 371.029
Cd 226.502	0.000036uv	mg/L	0.000081	227.4	20.7976	0.000358 mg/L	Y 371.029
Cd 228.802	-0.000112uv	mg/L	0.000193	172.1	21.1482	-0.001123 mg/L	Y 371.029
Co 228.615	0.000807	mg/L	0.000456	56.5	19.5973	0.008070 mg/L	Y 371.029
Co 230.786	-0.000093uv	mg/L	0.000216	232.7	8.60917	-0.000928 mg/L	Y 371.029
Co 238.892	-0.000597uv	mg/L	0.000363	60.8	5.56411	-0.005970 mg/L	Y 371.029
Cr 205.560	0.016541	mg/L	0.000437	2.6	77.3159	0.165414 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000271	1.5	32.4534	uncal mg/L	Y 371.029
Cr 267.716	0.017273	mg/L	0.000304	1.8	407.943	0.172733 mg/L	Y 371.029
Cu 213.598	-0.000617uv	mg/L	0.000527	85.4	3.19246	-0.006167 mg/L	Y 371.029
Cu 324.754	0.001532	mg/L	0.000749	48.9	620.643	0.015320 mg/L	Y 371.029
Cu 327.395	0.000725	mg/L	0.000535	73.8	84.6600	0.007246 mg/L	Y 371.029
Fe 234.350	0.004551	mg/L	0.000505	11.1	219.977	0.045514 mg/L	Y 371.029
Fe 238.204	0.004374	mg/L	0.000336	7.7	478.957	0.043745 mg/L	Y 371.029
Fe 259.940	-0.001368	mg/L	0.000551	40.3	126.259	-0.013685 mg/L	Y 371.029
Ga 287.423	0.002637	mg/L	0.001803	68.4	19.6814	0.026371 mg/L	Y 371.029
Ga 294.363	-0.000043uv	mg/L	0.000215	501.2	22.1819	-0.000428 mg/L	Y 371.029
Ga 417.204	0.002806	mg/L	0.000988	35.2	101.815	0.028059 mg/L	Y 371.029
K 766.491	8.53464	mg/L	0.031386	0.4	647426	85.3464 mg/L	Y 371.029
K 769.897	8.63793	mg/L	0.104992	1.2	513349	86.3793 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.004851	mg/L	0.000265	5.5	8.20615	0.048506 mg/L	Y 371.029
Li 670.783	0.002357	mg/L	0.000163	6.9	85536.1	0.023566 mg/L	Y 371.029
Mg 279.078	29.5808	mg/L	0.205658	0.7	51929.3	295.808 mg/L	Y 371.029
Mg 280.270	31.6108	mg/L	0.435173	1.4	2871352	316.108 mg/L	Y 371.029
Mg 285.213	30.4242	mg/L	0.648962	2.1	1078937	304.242 mg/L	Y 371.029
Mn 257.610	0.000662	mg/L	0.000031	4.6	107.986	0.006625 mg/L	Y 371.029
Mn 259.372	-0.002207	mg/L	0.000040	1.8	159.092	-0.022071 mg/L	Y 371.029
Mn 260.568	-0.000844	mg/L	0.000321	38.1	192.204	-0.008440 mg/L	Y 371.029
Mo 202.032	0.032594	mg/L	0.000505	1.5	138.693	0.325941 mg/L	Y 371.029
Mo 203.846	0.034684	mg/L	0.001532	4.4	55.1634	0.346840 mg/L	Y 371.029
Mo 204.598	0.030999	mg/L	0.001165	3.8	53.6936	0.309989 mg/L	Y 371.029
Na 568.821	3.00942	mg/L	0.029657	1.0	949.035	30.0942 mg/L	Y 371.029
Na 588.995	3.31125	mg/L	0.041153	1.2	2297964	33.1125 mg/L	Y 371.029
Na 589.592	3.12832	mg/L	0.033632	1.1	1121703	31.2832 mg/L	Y 371.029
Ni 216.555	0.000220	mg/L	0.000422	192.0	4.76129	0.002200 mg/L	Y 371.029
Ni 221.648	-0.000345uv	mg/L	0.000404	116.9	2.80413	-0.003454 mg/L	Y 371.029
Ni 231.604	0.000177	mg/L	0.000538	304.0	16.2880	0.001770 mg/L	Y 371.029
P 177.434	0.006936uv	mg/L	0.006686	96.4	3.11589	0.069357 mg/L	Y 371.029
P 213.618	0.004553	mg/L	0.002326	51.1	5.14569	0.045533 mg/L	Y 371.029
P 214.914	0.005813uv	mg/L	0.009521	163.8	3.89300	0.058131 mg/L	Y 371.029
Pb 220.353	0.003784	mg/L	0.000646	17.1	9.76189	0.037842 mg/L	Y 371.029
Pb 261.417	0.013591	mg/L	0.005809	42.7	26.4304	0.135909 mg/L	Y 371.029
Pb 405.781	0.010722	mg/L	0.003642	34.0	62.4436	0.107216 mg/L	Y 371.029
Sb 206.834	0.007255	mg/L	0.002289	31.6	14.4351	0.072545 mg/L	Y 371.029
Sb 231.146	0.010122	mg/L	0.011513	113.7	11.3218	0.101220 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.009411	1272.9	5.75961	uncal mg/L	Y 371.029
Se 196.026	0.005552	mg/L	0.001975	35.6	7.66585	0.055516 mg/L	Y 371.029
Se 203.985	0.008858	mg/L	0.004727	53.4	4.52151	0.088578 mg/L	Y 371.029
Si 250.690	0.286048	mg/L	0.001521	0.5	425.393	2.86048 mg/L	Y 371.029
Si 251.611	0.289180	mg/L	0.001798	0.6	485.388	2.89180 mg/L	Y 371.029
Si 288.158	0.283317	mg/L	0.000963	0.3	3119.94	2.83317 mg/L	Y 371.029
Sn 189.927	0.000998uv	mg/L	0.002381	238.6	3.89073	0.009980 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004745	67.0	44.0221	uncal mg/L	Y 371.029
Sr 216.596	0.012291	mg/L	0.000148	1.2	138.782	0.122912 mg/L	Y 371.029
Sr 407.771	0.011511	mg/L	0.000097	0.8	33981.5	0.115113 mg/L	Y 371.029
Sr 421.552	0.011275	mg/L	0.000071	0.6	20797.8	0.112749 mg/L	Y 371.029
Ti 334.941	-0.000038uv	mg/L	0.000158	420.5	119.002	-0.000375 mg/L	Y 371.029
Ti 336.122	0.000325	mg/L	0.000296	91.0	76.4313	0.003252 mg/L	Y 371.029
Ti 337.280	0.000344	mg/L	0.000512	148.8	14.4360	0.003439 mg/L	Y 371.029
Tl 190.794	0.001801	mg/L	0.001190	66.1	1.31948	0.018011 mg/L	Y 371.029
Tl 190.807	0.003959uv	mg/L	0.004121	104.1	1.84707	0.039594 mg/L	Y 371.029
Tl 351.923	-0.002152uv	mg/L	0.002818	131.0	12.4105	-0.021516 mg/L	Y 371.029
V 268.796	0.001372	mg/L	0.000504	36.7	85.2968	0.013721 mg/L	Y 371.029
V 292.401	0.000016uv	mg/L	0.000365	2220.8	33.0784	0.000164 mg/L	Y 371.029
V 311.837	0.001232	mg/L	0.000063	5.1	17.9879	0.012323 mg/L	Y 371.029
Zn 202.548	0.001318	mg/L	0.000197	14.9	813.837	0.013183 mg/L	Y 371.029
Zn 206.200	0.004193	mg/L	0.000847	20.2	270.710	0.041935 mg/L	Y 371.029
Zn 213.857	0.003578	mg/L	0.000340	9.5	1414.36	0.035783 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.26506	10144.3	130.869	1.3
Y 371.029	0.893162	147289	2185.923	1.5

11C1255-12 (Samp) **4/7/2011, 12:45:35 PM** **Rack 3, Tube 37**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015530uv	mg/L	0.000708	4.6	751.163	-0.155304 mg/L	Y 371.029
Ag 338.289	-0.009094uv	mg/L	0.001219	13.4	4.82884	-0.090938 mg/L	Y 371.029
Al 237.312	0.169516	mg/L	0.000555	0.3	285.572	1.69516 mg/L	Y 371.029
Al 257.509	0.178041	mg/L	0.004222	2.4	122.440	1.78041 mg/L	Y 371.029
Al 308.215	0.151486	mg/L	0.002226	1.5	1840.61	1.51486 mg/L	Y 371.029
As 188.980	0.008258	mg/L	0.002583	31.3	8.19904	0.082580 mg/L	Y 371.029
As 193.696	0.004826	mg/L	0.003472	71.9	2.92721	0.048255 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.009934	141.2	11.2122	uncal mg/L	Y 371.029
B 182.577	0.008770	mg/L	0.001200	13.7	9.29704	0.087697 mg/L	Y 371.029
B 249.678	0.000807	mg/L	0.000092	11.4	32.1445	0.008075 mg/L	Y 371.029
B 249.772	0.001478	mg/L	0.000105	7.1	104.969	0.014779 mg/L	Y 371.029
Ba 233.527	0.001475	mg/L	0.000198	13.4	263.958	0.014754 mg/L	Y 371.029
Ba 455.403	0.001558	mg/L	0.000014	0.9	5601.96	0.015581 mg/L	Y 371.029
Ba 493.408	0.001377	mg/L	0.000001	0.0	3343.44	0.013767 mg/L	Y 371.029
Be 234.861	0.000432	mg/L	0.000095	21.9	29.3581	0.004324 mg/L	Y 371.029
Be 313.042	0.000635	mg/L	0.000006	1.0	2377.55	0.006351 mg/L	Y 371.029
Be 313.107	0.000424	mg/L	0.000012	2.9	419.019	0.004244 mg/L	Y 371.029
Ca 393.366	2.03461n	mg/L	0.006963	0.3	2631278	20.3461 mg/L	Y 371.029
Ca 396.847	1.84996	mg/L	0.006019	0.3	3685228	18.4996 mg/L	Y 371.029
Ca 430.253	2.03191	mg/L	0.012893	0.6	10511.2	20.3191 mg/L	Y 371.029
Cd 214.439	0.000427	mg/L	0.000120	28.1	7.89794	0.004268 mg/L	Y 371.029
Cd 226.502	0.000195	mg/L	0.000057	29.4	30.7777	0.001952 mg/L	Y 371.029
Cd 228.802	0.000194	mg/L	0.000052	26.6	25.9349	0.001943 mg/L	Y 371.029
Co 228.615	0.025243	mg/L	0.001115	4.4	262.629	0.252434 mg/L	Y 371.029
Co 230.786	0.026696	mg/L	0.000774	2.9	188.194	0.266957 mg/L	Y 371.029
Co 238.892	0.021867	mg/L	0.000139	0.6	127.925	0.218672 mg/L	Y 371.029
Cr 205.560	-0.000932uv	mg/L	0.000392	42.0	3.88253	-0.009315 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000782	4503.8	2.57895	uncal mg/L	Y 371.029
Cr 267.716	-0.000393uv	mg/L	0.000335	85.2	22.6161	-0.003929 mg/L	Y 371.029
Cu 213.598	-0.000333	mg/L	0.000608	182.8	6.45071	-0.003326 mg/L	Y 371.029
Cu 324.754	0.000781	mg/L	0.000286	36.6	603.169	0.007813 mg/L	Y 371.029
Cu 327.395	0.000024	mg/L	0.000772	3193.5	51.2497	0.000242 mg/L	Y 371.029
Fe 234.350	1.59829	mg/L	0.015306	1.0	14491.5	15.9829 mg/L	Y 371.029
Fe 238.204	1.61878	mg/L	0.015643	1.0	31288.4	16.1878 mg/L	Y 371.029
Fe 259.940	1.63559	mg/L	0.018390	1.1	25255.7	16.3559 mg/L	Y 371.029
Ga 287.423	-0.007345	mg/L	0.004131	56.2	26.6954	-0.073447 mg/L	Y 371.029
Ga 294.363	0.000517uv	mg/L	0.001525	294.7	27.8765	0.005174 mg/L	Y 371.029
Ga 417.204	0.002076	mg/L	0.000833	40.2	104.253	0.020758 mg/L	Y 371.029
K 766.491	0.096028	mg/L	0.000811	0.8	9609.89	0.960279 mg/L	Y 371.029
K 769.897	0.099016	mg/L	0.002046	2.1	18794.6	0.990163 mg/L	Y 371.029
Li 610.365	0.004316	mg/L	0.000193	4.5	-17.5755	0.043162 mg/L	Y 371.029
Li 670.783	0.005906	mg/L	0.000065	1.1	95478.9	0.059061 mg/L	Y 371.029
Mg 279.078	7.35713	mg/L	0.044386	0.6	12926.7	73.5713 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	8.34218	mg/L	0.156014	1.9	758108	83.4218 mg/L	Y 371.029
Mg 285.213	7.74996	mg/L	0.125193	1.6	274897	77.4996 mg/L	Y 371.029
Mn 257.610	0.058144	mg/L	0.000718	1.2	8901.03	0.581443 mg/L	Y 371.029
Mn 259.372	0.056461	mg/L	0.000688	1.2	6840.53	0.564606 mg/L	Y 371.029
Mn 260.568	0.057882	mg/L	0.000566	1.0	1213.27	0.578822 mg/L	Y 371.029
Mo 202.032	-0.002235	mg/L	0.000427	19.1	37.7950	-0.022347 mg/L	Y 371.029
Mo 203.846	-0.000146	mg/L	0.000896	614.4	15.7347	-0.001458 mg/L	Y 371.029
Mo 204.598	-0.000114	mg/L	0.001002	880.7	11.5054	-0.001138 mg/L	Y 371.029
Na 568.821	11.8569	mg/L	0.090669	0.8	3353.61	118.569 mg/L	Y 371.029
Na 588.995	12.2999	mg/L	0.092965	0.8	7699911	122.999 mg/L	Y 371.029
Na 589.592	12.1640	mg/L	0.203502	1.7	4126038	121.640 mg/L	Y 371.029
Ni 216.555	0.036841	mg/L	0.000568	1.5	221.999	0.368408 mg/L	Y 371.029
Ni 221.648	0.038310	mg/L	0.001775	4.6	93.0255	0.383095 mg/L	Y 371.029
Ni 231.604	0.037183	mg/L	0.000624	1.7	151.790	0.371833 mg/L	Y 371.029
P 177.434	-0.001173uv	mg/L	0.007025	598.8	1.73570	-0.011730 mg/L	Y 371.029
P 213.618	0.000499	mg/L	0.002378	476.3	2.30758	0.004992 mg/L	Y 371.029
P 214.914	0.003108uv	mg/L	0.006796	218.7	3.02340	0.031076 mg/L	Y 371.029
Pb 220.353	0.003081	mg/L	0.002634	85.5	8.38845	0.030808 mg/L	Y 371.029
Pb 261.417	-0.002955uv	mg/L	0.004591	155.3	20.2474	-0.029551 mg/L	Y 371.029
Pb 405.781	0.010130	mg/L	0.005156	50.9	55.4664	0.101297 mg/L	Y 371.029
Sb 206.834	0.002091	mg/L	0.000648	31.0	11.3649	0.020915 mg/L	Y 371.029
Sb 231.146	0.013658	mg/L	0.003996	29.3	11.8626	0.136578 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.004491	201.5	9.70592	uncal mg/L	Y 371.029
Se 196.026	-0.000647uv	mg/L	0.004069	629.1	5.67752	-0.006468 mg/L	Y 371.029
Se 203.985	0.010807uv	mg/L	0.012516	115.8	4.79833	0.108067 mg/L	Y 371.029
Si 250.690	2.48621	mg/L	0.008541	0.3	3344.17	24.8621 mg/L	Y 371.029
Si 251.611	2.45648	mg/L	0.006170	0.3	3861.64	24.5648 mg/L	Y 371.029
Si 288.158	2.38145	mg/L	0.016794	0.7	19557.3	23.8145 mg/L	Y 371.029
Sn 189.927	-0.002798uv	mg/L	0.001891	67.6	2.64404	-0.027979 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.002942	17.6	12.1639	uncal mg/L	Y 371.029
Sr 216.596	0.025856	mg/L	0.000362	1.4	271.418	0.258563 mg/L	Y 371.029
Sr 407.771	0.025086	mg/L	0.000129	0.5	67255.1	0.250859 mg/L	Y 371.029
Sr 421.552	0.024569	mg/L	0.000248	1.0	41358.3	0.245695 mg/L	Y 371.029
Ti 334.941	-0.000068uv	mg/L	0.000252	372.8	120.164	-0.000676 mg/L	Y 371.029
Ti 336.122	-0.000207uv	mg/L	0.000206	99.3	36.5849	-0.002072 mg/L	Y 371.029
Ti 337.280	0.000985	mg/L	0.001127	114.4	32.3385	0.009851 mg/L	Y 371.029
Tl 190.794	0.005055	mg/L	0.005426	107.3	2.44741	0.050552 mg/L	Y 371.029
Tl 190.807	0.004016uv	mg/L	0.005432	135.3	2.14247	0.040163 mg/L	Y 371.029
Tl 351.923	0.004688uv	mg/L	0.006456	137.7	22.0001	0.046877 mg/L	Y 371.029
V 268.796	-0.001072	mg/L	0.000670	62.5	42.3722	-0.010724 mg/L	Y 371.029
V 292.401	-0.000344uv	mg/L	0.000148	43.1	29.8999	-0.003444 mg/L	Y 371.029
V 311.837	0.000863	mg/L	0.000168	19.5	16.2437	0.008632 mg/L	Y 371.029
Zn 202.548	0.072874	mg/L	0.000459	0.6	1549.70	0.728745 mg/L	Y 371.029
Zn 206.200	0.074124	mg/L	0.000725	1.0	493.932	0.741239 mg/L	Y 371.029
Zn 213.857	0.073193	mg/L	0.000894	1.2	2598.14	0.731935 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.25754	10083.9	63.711	0.6
Y 371.029	0.888628	146541	891.881	0.6

11C1255-13 (Samp) **4/7/2011, 12:49:22 PM** **Rack 3, Tube 38**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.020368uvb	mg/L	0.000111	0.5	783.523	-0.203684 mg/L	Y 371.029
Ag 338.289	-0.009948uvb	mg/L	0.000892	9.0	2.58570	-0.099478 mg/L	Y 371.029
Al 237.312	-0.023713uvb	mg/L	0.007261	30.6	57.7303	-0.237128 mg/L	Y 371.029
Al 257.509	-0.031454b	mg/L	0.006268	19.9	23.6107	-0.314541 mg/L	Y 371.029
Al 308.215	0.039374uvb	mg/L	0.001204	3.1	946.611	0.393744 mg/L	Y 371.029
As 188.980	0.024268b	mg/L	0.004796	19.8	8.52412	0.242677 mg/L	Y 371.029
As 193.696	0.016059b	mg/L	0.002099	13.1	3.31866	0.160585 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.011025	69.1	17.3843	uncal mg/L	Y 371.029
B 182.577	0.098884b	mg/L	0.005266	5.3	55.1869	0.988840 mg/L	Y 371.029
B 249.678	0.082298b	mg/L	0.001888	2.3	802.106	0.822977 mg/L	Y 371.029
B 249.772	0.089026b	mg/L	0.000722	0.8	1783.81	0.890258 mg/L	Y 371.029
Ba 233.527	0.010087b	mg/L	0.000036	0.4	646.199	0.100868 mg/L	Y 371.029
Ba 455.403	0.010948b	mg/L	0.000127	1.2	14071.2	0.109480 mg/L	Y 371.029
Ba 493.408	0.010198b	mg/L	0.000076	0.7	8290.36	0.101982 mg/L	Y 371.029
Be 234.861	0.000211b	mg/L	0.000006	3.0	3.35188	0.002109 mg/L	Y 371.029
Be 313.042	0.000205b	mg/L	0.000015	7.2	1614.14	0.002052 mg/L	Y 371.029
Be 313.107	-0.000010uvb	mg/L	0.000015	154.8	82.5291	-0.000095 mg/L	Y 371.029
Ca 393.366	8.57331nb	mg/L	0.083432	1.0	11029100	85.7331 mg/L	Y 371.029
Ca 396.847	8.08171b	mg/L	0.081396	1.0	16014068	80.8171 mg/L	Y 371.029
Ca 430.253	9.49615b	mg/L	0.050409	0.5	44602.3	94.9615 mg/L	Y 371.029
Cd 214.439	0.000331b	mg/L	0.000130	39.3	5.92177	0.003309 mg/L	Y 371.029
Cd 226.502	-0.000078b	mg/L	0.000079	101.3	28.0112	-0.000778 mg/L	Y 371.029
Cd 228.802	0.000015uvb	mg/L	0.000150	980.3	21.7331	0.000153 mg/L	Y 371.029
Co 228.615	0.000809uvb	mg/L	0.000494	61.1	13.1243	0.008089 mg/L	Y 371.029
Co 230.786	0.000751uvb	mg/L	0.000524	69.8	11.7547	0.007511 mg/L	Y 371.029
Co 238.892	-0.000052uvb	mg/L	0.000442	843.8	4.57116	-0.000524 mg/L	Y 371.029
Cr 205.560	-0.001472uvb	mg/L	0.000497	33.8	4.78561	-0.014716 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000817	65.9	2.77580	uncal mg/L	Y 371.029
Cr 267.716	-0.000955uvb	mg/L	0.000127	13.3	23.9092	-0.009550 mg/L	Y 371.029
Cu 213.598	-0.005278b	mg/L	0.000302	5.7	5.21473	-0.052779 mg/L	Y 371.029
Cu 324.754	0.006659b	mg/L	0.000348	5.2	612.267	0.066593 mg/L	Y 371.029
Cu 327.395	-0.001693b	mg/L	0.000401	23.7	40.7354	-0.016933 mg/L	Y 371.029
Fe 234.350	2.15639b	mg/L	0.019806	0.9	19781.9	21.5639 mg/L	Y 371.029
Fe 238.204	2.19480b	mg/L	0.005890	0.3	43035.3	21.9480 mg/L	Y 371.029
Fe 259.940	2.17777b	mg/L	0.013244	0.6	34005.9	21.7777 mg/L	Y 371.029
Ga 287.423	-0.013321b	mg/L	0.001075	8.1	32.2878	-0.133212 mg/L	Y 371.029
Ga 294.363	-0.003050uvb	mg/L	0.001315	43.1	24.3216	-0.030499 mg/L	Y 371.029
Ga 417.204	-0.001851uvb	mg/L	0.000924	50.0	85.3099	-0.018506 mg/L	Y 371.029
K 766.491	7.29195b	mg/L	0.044412	0.6	554759	72.9195 mg/L	Y 371.029
K 769.897	7.19705b	mg/L	0.042552	0.6	432748	71.9705 mg/L	Y 371.029
Li 610.365	0.005315b	mg/L	0.000315	5.9	30.6176	0.053152 mg/L	Y 371.029
Li 670.783	-0.000691b	mg/L	0.000099	14.4	80454.7	-0.006905 mg/L	Y 371.029
Mg 279.078	23.7691b	mg/L	0.136633	0.6	41724.1	237.691 mg/L	Y 371.029
Mg 280.270	26.1395b	mg/L	0.166553	0.6	2374773	261.395 mg/L	Y 371.029
Mg 285.213	24.8369b	mg/L	0.174330	0.7	880941	248.369 mg/L	Y 371.029
Mn 257.610	0.046028b	mg/L	0.000559	1.2	6945.16	0.460285 mg/L	Y 371.029
Mn 259.372	0.041190b	mg/L	0.000495	1.2	5574.45	0.411897 mg/L	Y 371.029
Mn 260.568	0.044014b	mg/L	0.000418	1.0	1054.82	0.440145 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	-0.142129b	mg/L	0.001374	1.0	29.2698	-1.42129 mg/L	Y 371.029
Mo 203.846	-0.145250b	mg/L	0.001094	0.8	12.2498	-1.45250 mg/L	Y 371.029
Mo 204.598	-0.146895b	mg/L	0.000647	0.4	9.17420	-1.46895 mg/L	Y 371.029
Na 568.821	-xb	mg/L	1.45991	0.6	67976.3	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.07656	1.5	43806700	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.37648	1.3	36573164	- mg/L	Y 371.029
Ni 216.555	-0.001324b	mg/L	0.000518	39.1	4.48165	-0.013244 mg/L	Y 371.029
Ni 221.648	-0.002460b	mg/L	0.000443	18.0	3.91621	-0.024604 mg/L	Y 371.029
Ni 231.604	-0.000650b	mg/L	0.000865	133.1	14.0228	-0.006498 mg/L	Y 371.029
P 177.434	0.007516uvb	mg/L	0.005720	76.1	1.97344	0.075162 mg/L	Y 371.029
P 213.618	-0.020804uvb	mg/L	0.002426	11.7	0.348253	-0.208039 mg/L	Y 371.029
P 214.914	0.009089b	mg/L	0.006281	69.1	3.96032	0.090885 mg/L	Y 371.029
Pb 220.353	-0.001691uvb	mg/L	0.001021	60.4	4.22019	-0.016911 mg/L	Y 371.029
Pb 261.417	-0.061887uvb	mg/L	0.012944	20.9	16.0719	-0.618871 mg/L	Y 371.029
Pb 405.781	-0.026436uvb	mg/L	0.006690	25.3	44.3766	-0.264363 mg/L	Y 371.029
Sb 206.834	-0.020807b	mg/L	0.002152	10.3	10.5320	-0.208068 mg/L	Y 371.029
Sb 231.146	0.034031b	mg/L	0.001818	5.3	13.3912	0.340312 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.027336	127.7	11.4816	uncal mg/L	Y 371.029
Se 196.026	0.004992uvb	mg/L	0.002038	40.8	5.86527	0.049923 mg/L	Y 371.029
Se 203.985	0.020014uvb	mg/L	0.017443	87.2	3.61537	0.200144 mg/L	Y 371.029
Si 250.690	0.629712b	mg/L	0.003531	0.6	900.179	6.29712 mg/L	Y 371.029
Si 251.611	0.606293b	mg/L	0.003424	0.6	1023.88	6.06293 mg/L	Y 371.029
Si 288.158	0.617646b	mg/L	0.001681	0.3	5763.62	6.17646 mg/L	Y 371.029
Sn 189.927	-0.005863uvb	mg/L	0.004354	74.3	2.81042	-0.058633 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.002126	6.4	8.63352	uncal mg/L	Y 371.029
Sr 216.596	0.165262b	mg/L	0.001327	0.8	1602.95	1.65262 mg/L	Y 371.029
Sr 407.771	0.155924b	mg/L	0.001259	0.8	389445	1.55924 mg/L	Y 371.029
Sr 421.552	0.152073b	mg/L	0.001030	0.7	239637	1.52073 mg/L	Y 371.029
Ti 334.941	-0.000257uvb	mg/L	0.000006	2.2	84.9148	-0.002567 mg/L	Y 371.029
Ti 336.122	-0.000320uvb	mg/L	0.000362	113.0	41.1481	-0.003200 mg/L	Y 371.029
Ti 337.280	0.000377b	mg/L	0.000823	218.0	36.7951	0.003773 mg/L	Y 371.029
Tl 190.794	0.014519b	mg/L	0.004709	32.4	4.44660	0.145192 mg/L	Y 371.029
Tl 190.807	0.001895uvb	mg/L	0.007613	401.8	2.85624	0.018947 mg/L	Y 371.029
Tl 351.923	0.010089uvb	mg/L	0.002503	24.8	17.0723	0.100886 mg/L	Y 371.029
V 268.796	-0.019975b	mg/L	0.000844	4.2	40.9651	-0.199745 mg/L	Y 371.029
V 292.401	-0.000656b	mg/L	0.000122	18.6	36.3281	-0.006561 mg/L	Y 371.029
V 311.837	0.000812b	mg/L	0.000173	21.3	23.1373	0.008123 mg/L	Y 371.029
Zn 202.548	-0.026752b	mg/L	0.000774	2.9	785.877	-0.267521 mg/L	Y 371.029
Zn 206.200	-0.023588b	mg/L	0.000518	2.2	260.778	-0.235879 mg/L	Y 371.029
Zn 213.857	-0.025288b	mg/L	0.000864	3.4	1347.79	-0.252885 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21846	9770.55	66.434	0.7
Y 371.029	0.857693	141440	1117.187	0.8

11C1255-14 (Samp) **4/7/2011, 12:53:13 PM** **Rack 3, Tube 39**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015656uv	mg/L	0.000410	2.6	796.862	-0.156557 mg/L	Y 371.029
Ag 338.289	-0.010402uv	mg/L	0.001132	10.9	0.730356	-0.104016 mg/L	Y 371.029
Al 237.312	0.005350	mg/L	0.006108	114.2	72.7198	0.053498 mg/L	Y 371.029
Al 257.509	0.025156	mg/L	0.005328	21.2	29.9644	0.251556 mg/L	Y 371.029
Al 308.215	0.012219	mg/L	0.001297	10.6	973.361	0.122193 mg/L	Y 371.029
As 188.980	0.008015	mg/L	0.002140	26.7	7.92029	0.080145 mg/L	Y 371.029
As 193.696	0.008197	mg/L	0.003570	43.5	4.12552	0.081968 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006168	103.8	11.3121	uncal mg/L	Y 371.029
B 182.577	0.050081	mg/L	0.003361	6.7	30.9500	0.500811 mg/L	Y 371.029
B 249.678	0.030729	mg/L	0.000871	2.8	313.414	0.307286 mg/L	Y 371.029
B 249.772	0.032875	mg/L	0.000177	0.5	683.971	0.328749 mg/L	Y 371.029
Ba 233.527	0.000531	mg/L	0.000176	33.2	240.108	0.005308 mg/L	Y 371.029
Ba 455.403	0.000674	mg/L	0.000038	5.7	5083.93	0.006740 mg/L	Y 371.029
Ba 493.408	0.000496	mg/L	0.000043	8.8	3022.47	0.004957 mg/L	Y 371.029
Be 234.861	0.000117	mg/L	0.000014	12.1	0.721257	0.001168 mg/L	Y 371.029
Be 313.042	0.000200	mg/L	0.000006	2.8	1630.03	0.001996 mg/L	Y 371.029
Be 313.107	0.000029	mg/L	0.000004	13.4	97.6492	0.000285 mg/L	Y 371.029
Ca 393.366	20.9530n	mg/L	0.063277	0.3	26871504	209.530 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.045878	0.2	39055020	- mg/L	Y 371.029
Ca 430.253	27.1300	mg/L	0.148033	0.5	122506	271.300 mg/L	Y 371.029
Cd 214.439	0.000362	mg/L	0.000068	18.7	6.28245	0.003619 mg/L	Y 371.029
Cd 226.502	0.000003uv	mg/L	0.000124	3664.2	20.9757	0.000034 mg/L	Y 371.029
Cd 228.802	-0.000001uv	mg/L	0.000135	10111.5	23.1199	-0.000013 mg/L	Y 371.029
Co 228.615	0.000223uv	mg/L	0.000185	82.9	11.5750	0.002234 mg/L	Y 371.029
Co 230.786	0.000316uv	mg/L	0.000630	199.5	10.0853	0.003158 mg/L	Y 371.029
Co 238.892	-0.000373uv	mg/L	0.000291	78.0	5.97119	-0.003734 mg/L	Y 371.029
Cr 205.560	-0.000628uv	mg/L	0.000241	38.3	5.05796	-0.006282 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001222	116.8	3.75982	uncal mg/L	Y 371.029
Cr 267.716	-0.000208uv	mg/L	0.000285	137.2	23.4979	-0.002077 mg/L	Y 371.029
Cu 213.598	-0.000709uv	mg/L	0.000363	51.3	2.38246	-0.007085 mg/L	Y 371.029
Cu 324.754	0.001896	mg/L	0.000142	7.5	603.066	0.018956 mg/L	Y 371.029
Cu 327.395	0.000230	mg/L	0.000241	104.6	43.9739	0.002304 mg/L	Y 371.029
Fe 234.350	0.003492	mg/L	0.000344	9.8	91.3941	0.034924 mg/L	Y 371.029
Fe 238.204	0.002846	mg/L	0.000633	22.2	197.503	0.028465 mg/L	Y 371.029
Fe 259.940	0.003637	mg/L	0.000712	19.6	186.128	0.036370 mg/L	Y 371.029
Ga 287.423	0.000935uv	mg/L	0.003754	401.4	16.0114	0.009353 mg/L	Y 371.029
Ga 294.363	0.000555uv	mg/L	0.001430	257.6	23.7909	0.005551 mg/L	Y 371.029
Ga 417.204	0.002568	mg/L	0.001350	52.6	96.3036	0.025677 mg/L	Y 371.029
K 766.491	19.4177	mg/L	0.110815	0.6	1470201	194.177 mg/L	Y 371.029
K 769.897	20.0121	mg/L	0.094897	0.5	1172580	200.121 mg/L	Y 371.029
Li 610.365	0.007037	mg/L	0.000081	1.1	113.706	0.070375 mg/L	Y 371.029
Li 670.783	0.003320	mg/L	0.000074	2.2	85339.1	0.033200 mg/L	Y 371.029
Mg 279.078	0.026183	mg/L	0.001798	6.9	59.5829	0.261833 mg/L	Y 371.029
Mg 280.270	0.026126	mg/L	0.000042	0.2	2983.37	0.261256 mg/L	Y 371.029
Mg 285.213	0.024606	mg/L	0.000383	1.6	977.828	0.246060 mg/L	Y 371.029
Mn 257.610	-0.000021	mg/L	0.000016	75.3	9.59666	-0.000211 mg/L	Y 371.029
Mn 259.372	-0.000201	mg/L	0.000046	22.7	103.054	-0.002011 mg/L	Y 371.029
Mn 260.568	0.000072	mg/L	0.000123	171.1	8.03961	0.000719 mg/L	Y 371.029
Mo 202.032	0.055017	mg/L	0.000674	1.2	275.659	0.550175 mg/L	Y 371.029
Mo 203.846	0.054888	mg/L	0.001351	2.5	107.926	0.548876 mg/L	Y 371.029
Mo 204.598	0.055097	mg/L	0.002416	4.4	122.642	0.550971 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	23.7890	mg/L	0.083671	0.4	6639.51	237.890 mg/L	Y 371.029
Na 588.995	23.2880	mg/L	0.105230	0.5	14308584	232.880 mg/L	Y 371.029
Na 589.592	23.6965	mg/L	0.103923	0.4	7963619	236.965 mg/L	Y 371.029
Ni 216.555	0.002388	mg/L	0.000859	36.0	16.2476	0.023878 mg/L	Y 371.029
Ni 221.648	0.002906	mg/L	0.001124	38.7	9.58590	0.029057 mg/L	Y 371.029
Ni 231.604	0.003443	mg/L	0.000769	22.3	21.3094	0.034431 mg/L	Y 371.029
P 177.434	0.004693	mg/L	0.002122	45.2	2.53652	0.046933 mg/L	Y 371.029
P 213.618	0.001478	mg/L	0.004800	324.8	3.83121	0.014780 mg/L	Y 371.029
P 214.914	0.011705	mg/L	0.005757	49.2	4.60640	0.117048 mg/L	Y 371.029
Pb 220.353	0.002150	mg/L	0.001820	84.6	7.50246	0.021500 mg/L	Y 371.029
Pb 261.417	0.006785	mg/L	0.008363	123.3	27.1732	0.067847 mg/L	Y 371.029
Pb 405.781	-0.001707	mg/L	0.006821	399.6	48.2791	-0.017071 mg/L	Y 371.029
Sb 206.834	-0.001938	mg/L	0.000987	50.9	10.8460	-0.019377 mg/L	Y 371.029
Sb 231.146	0.000299	mg/L	0.005167	1726.6	9.30101	0.002993 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.015227	2897.7	11.3433	uncal mg/L	Y 371.029
Se 196.026	-0.001750uv	mg/L	0.005061	289.2	6.21800	-0.017503 mg/L	Y 371.029
Se 203.985	0.019412	mg/L	0.004072	21.0	5.78338	0.194117 mg/L	Y 371.029
Si 250.690	0.431298	mg/L	0.002523	0.6	615.954	4.31298 mg/L	Y 371.029
Si 251.611	0.402638	mg/L	0.001381	0.3	706.648	4.02638 mg/L	Y 371.029
Si 288.158	0.394456	mg/L	0.002011	0.5	4209.74	3.94456 mg/L	Y 371.029
Sn 189.927	-0.000118uv	mg/L	0.004562	3872.9	3.27876	-0.001178 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.014086	84.4	14.2290	uncal mg/L	Y 371.029
Sr 216.596	0.060482	mg/L	0.000249	0.4	605.925	0.604822 mg/L	Y 371.029
Sr 407.771	0.056735	mg/L	0.000386	0.7	146767	0.567354 mg/L	Y 371.029
Sr 421.552	0.056019	mg/L	0.000374	0.7	91234.9	0.560193 mg/L	Y 371.029
Ti 334.941	-0.000050	mg/L	0.000014	29.1	108.406	-0.000496 mg/L	Y 371.029
Ti 336.122	-0.000217uv	mg/L	0.000176	81.3	21.9483	-0.002167 mg/L	Y 371.029
Ti 337.280	0.000581	mg/L	0.000026	4.4	21.6396	0.005805 mg/L	Y 371.029
Tl 190.794	0.007712	mg/L	0.001167	15.1	2.89315	0.077124 mg/L	Y 371.029
Tl 190.807	-0.000412uv	mg/L	0.001267	307.2	1.26996	-0.004125 mg/L	Y 371.029
Tl 351.923	0.000139uv	mg/L	0.007745	5562.0	17.2024	0.001393 mg/L	Y 371.029
V 268.796	0.009470	mg/L	0.000271	2.9	204.396	0.094699 mg/L	Y 371.029
V 292.401	0.007632	mg/L	0.000312	4.1	280.914	0.076323 mg/L	Y 371.029
V 311.837	0.008358	mg/L	0.000136	1.6	343.228	0.083575 mg/L	Y 371.029
Zn 202.548	0.001589	mg/L	0.000798	50.2	817.011	0.015892 mg/L	Y 371.029
Zn 206.200	0.000934	mg/L	0.000666	71.3	255.806	0.009342 mg/L	Y 371.029
Zn 213.857	0.000036	mg/L	0.000123	339.8	1328.45	0.000363 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21912	9775.86	15.227	0.2
Y 371.029	0.859831	141792	560.886	0.4

11C1255-15 (Samp) **4/7/2011, 12:57:01 PM** **Rack 3, Tube 40**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.017461uvb	mg/L	0.000102	0.6	798.294	-0.174612 mg/L	Y 371.029
Ag 338.289	-0.011865uvb	mg/L	0.002028	17.1	-3.37807	-0.118648 mg/L	Y 371.029
Al 237.312	-0.010773uvb	mg/L	0.005448	50.6	61.0552	-0.107728 mg/L	Y 371.029
Al 257.509	-0.012046b	mg/L	0.010756	89.3	20.9821	-0.120459 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.017216uvb	mg/L	0.000531	3.1	924.600	0.172161 mg/L	Y 371.029
As 188.980	0.016054b	mg/L	0.001815	11.3	8.39623	0.160538 mg/L	Y 371.029
As 193.696	0.016942b	mg/L	0.003070	18.1	6.03357	0.169417 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006633	95.6	7.72271	uncal mg/L	Y 371.029
B 182.577	0.045611b	mg/L	0.002974	6.5	28.1229	0.456111 mg/L	Y 371.029
B 249.678	0.038095b	mg/L	0.000509	1.3	386.825	0.380945 mg/L	Y 371.029
B 249.772	0.040972b	mg/L	0.000533	1.3	835.909	0.409717 mg/L	Y 371.029
Ba 233.527	0.010993b	mg/L	0.000108	1.0	663.974	0.109930 mg/L	Y 371.029
Ba 455.403	0.011622b	mg/L	0.000115	1.0	14565.5	0.116222 mg/L	Y 371.029
Ba 493.408	0.011003b	mg/L	0.000052	0.5	8559.79	0.110029 mg/L	Y 371.029
Be 234.861	0.000080b	mg/L	0.000023	28.0	-1.71373	0.000805 mg/L	Y 371.029
Be 313.042	0.000223b	mg/L	0.000013	5.7	1658.39	0.002231 mg/L	Y 371.029
Be 313.107	0.000013b	mg/L	0.000007	53.6	91.1232	0.000134 mg/L	Y 371.029
Ca 393.366	8.92198nb	mg/L	0.096158	1.1	11463741	89.2198 mg/L	Y 371.029
Ca 396.847	8.41084b	mg/L	0.089186	1.1	16649399	84.1084 mg/L	Y 371.029
Ca 430.253	9.98867b	mg/L	0.135750	1.4	46371.0	99.8867 mg/L	Y 371.029
Cd 214.439	0.000378b	mg/L	0.000021	5.5	6.66775	0.003778 mg/L	Y 371.029
Cd 226.502	0.000066b	mg/L	0.000113	172.0	24.8612	0.000659 mg/L	Y 371.029
Cd 228.802	0.000085uvb	mg/L	0.000141	165.1	23.8559	0.000853 mg/L	Y 371.029
Co 228.615	0.001381uvb	mg/L	0.000732	53.0	17.0197	0.013809 mg/L	Y 371.029
Co 230.786	0.001275b	mg/L	0.000495	38.8	12.1700	0.012751 mg/L	Y 371.029
Co 238.892	-0.001397uvb	mg/L	0.000303	21.7	5.02926	-0.013973 mg/L	Y 371.029
Cr 205.560	-0.000929uvb	mg/L	0.000106	11.4	4.20703	-0.009291 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000955	829.0	2.91593	uncal mg/L	Y 371.029
Cr 267.716	-0.000427uvb	mg/L	0.000321	75.1	21.4971	-0.004266 mg/L	Y 371.029
Cu 213.598	-0.001942uvb	mg/L	0.000521	26.8	4.59198	-0.019424 mg/L	Y 371.029
Cu 324.754	0.003925b	mg/L	0.000290	7.4	603.203	0.039253 mg/L	Y 371.029
Cu 327.395	-0.000388b	mg/L	0.000094	24.1	39.8764	-0.003878 mg/L	Y 371.029
Fe 234.350	0.009427b	mg/L	0.000543	5.8	250.816	0.094269 mg/L	Y 371.029
Fe 238.204	0.006799b	mg/L	0.000558	8.2	542.524	0.067990 mg/L	Y 371.029
Fe 259.940	0.004792b	mg/L	0.000520	10.9	360.349	0.047916 mg/L	Y 371.029
Ga 287.423	-0.003504uvb	mg/L	0.002899	82.7	9.50152	-0.035035 mg/L	Y 371.029
Ga 294.363	-0.001073uvb	mg/L	0.000752	70.1	24.9778	-0.010729 mg/L	Y 371.029
Ga 417.204	0.002961b	mg/L	0.001303	44.0	115.139	0.029610 mg/L	Y 371.029
K 766.491	6.18411b	mg/L	0.076947	1.2	470397	61.8411 mg/L	Y 371.029
K 769.897	6.08153b	mg/L	0.076980	1.3	366747	60.8153 mg/L	Y 371.029
Li 610.365	0.005259b	mg/L	0.000327	6.2	27.8903	0.052587 mg/L	Y 371.029
Li 670.783	0.000995b	mg/L	0.000116	11.6	80801.3	0.009946 mg/L	Y 371.029
Mg 279.078	8.51602b	mg/L	0.099502	1.2	14957.1	85.1602 mg/L	Y 371.029
Mg 280.270	9.62680b	mg/L	0.110139	1.1	874965	96.2680 mg/L	Y 371.029
Mg 285.213	8.98310b	mg/L	0.180385	2.0	318698	89.8310 mg/L	Y 371.029
Mn 257.610	0.017573b	mg/L	0.000155	0.9	2642.53	0.175732 mg/L	Y 371.029
Mn 259.372	0.015659b	mg/L	0.000248	1.6	2026.16	0.156590 mg/L	Y 371.029
Mn 260.568	0.017095b	mg/L	0.000160	0.9	407.565	0.170952 mg/L	Y 371.029
Mo 202.032	-0.069050b	mg/L	0.000839	1.2	47.8489	-0.690498 mg/L	Y 371.029
Mo 203.846	-0.070349b	mg/L	0.002582	3.7	18.5830	-0.703493 mg/L	Y 371.029
Mo 204.598	-0.071318b	mg/L	0.002607	3.7	15.2022	-0.713182 mg/L	Y 371.029
Na 568.821	130.267b	mg/L	1.35169	1.0	35625.6	1302.67 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.20159	2.0	36717984	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.347346	0.4	30961626	- mg/L	Y 371.029
Ni 216.555	0.000403uvb	mg/L	0.000579	143.7	3.74584	0.004029 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000302b	mg/L	0.000600	198.5	4.63341	0.003022 mg/L	Y 371.029
Ni 231.604	0.000797uvb	mg/L	0.002056	258.2	11.0517	0.007965 mg/L	Y 371.029
P 177.434	0.052050b	mg/L	0.006259	12.0	9.86171	0.520497 mg/L	Y 371.029
P 213.618	0.048546b	mg/L	0.003448	7.1	42.0339	0.485455 mg/L	Y 371.029
P 214.914	0.063149b	mg/L	0.008046	12.7	14.7960	0.631488 mg/L	Y 371.029
Pb 220.353	-0.000504uvb	mg/L	0.000861	170.6	4.64694	-0.005044 mg/L	Y 371.029
Pb 261.417	-0.009396b	mg/L	0.008939	95.1	31.0392	-0.093964 mg/L	Y 371.029
Pb 405.781	-0.005800b	mg/L	0.008640	149.0	52.2898	-0.058003 mg/L	Y 371.029
Sb 206.834	-0.012208uvb	mg/L	0.003644	29.8	9.16943	-0.122078 mg/L	Y 371.029
Sb 231.146	0.015204b	mg/L	0.003321	21.8	9.05708	0.152041 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.013271	161.5	7.73177	uncal mg/L	Y 371.029
Se 196.026	0.008546b	mg/L	0.004252	49.8	8.07180	0.085456 mg/L	Y 371.029
Se 203.985	0.020261b	mg/L	0.006362	31.4	5.14048	0.202611 mg/L	Y 371.029
Si 250.690	0.878541b	mg/L	0.010817	1.2	1218.83	8.78541 mg/L	Y 371.029
Si 251.611	0.856774b	mg/L	0.005197	0.6	1397.50	8.56774 mg/L	Y 371.029
Si 288.158	0.838172b	mg/L	0.006247	0.7	7518.86	8.38172 mg/L	Y 371.029
Sn 189.927	-0.005339uvb	mg/L	0.004094	76.7	2.32582	-0.053392 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004165	18.1	12.0702	uncal mg/L	Y 371.029
Sr 216.596	0.120065b	mg/L	0.001839	1.5	1168.44	1.20065 mg/L	Y 371.029
Sr 407.771	0.112485b	mg/L	0.001193	1.1	282635	1.12485 mg/L	Y 371.029
Sr 421.552	0.109936b	mg/L	0.000864	0.8	174190	1.09936 mg/L	Y 371.029
Ti 334.941	0.000117uvb	mg/L	0.000301	256.9	133.964	0.001172 mg/L	Y 371.029
Ti 336.122	-0.000265uvb	mg/L	0.000251	94.6	27.4126	-0.002648 mg/L	Y 371.029
Ti 337.280	0.001000b	mg/L	0.000170	17.0	40.3239	0.010001 mg/L	Y 371.029
Tl 190.794	0.006361b	mg/L	0.004252	66.8	2.00334	0.063608 mg/L	Y 371.029
Tl 190.807	-0.000228uvb	mg/L	0.003526	1549.6	1.91853	-0.002275 mg/L	Y 371.029
Tl 351.923	0.003252uvb	mg/L	0.006707	206.2	14.3460	0.032518 mg/L	Y 371.029
V 268.796	-0.011737uvb	mg/L	0.000192	1.6	32.5493	-0.117373 mg/L	Y 371.029
V 292.401	-0.000322uvb	mg/L	0.000075	23.2	27.2553	-0.003224 mg/L	Y 371.029
V 311.837	0.001012b	mg/L	0.000047	4.7	16.5688	0.010119 mg/L	Y 371.029
Zn 202.548	-0.010094b	mg/L	0.000663	6.6	809.534	-0.100939 mg/L	Y 371.029
Zn 206.200	-0.009365b	mg/L	0.000593	6.3	258.572	-0.093652 mg/L	Y 371.029
Zn 213.857	-0.010287b	mg/L	0.000310	3.0	1345.13	-0.102874 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24082	9949.83	95.174	1.0
Y 371.029	0.870899	143617	1410.491	1.0

1114246-BS1 (Samp) **4/7/2011, 1:04:46 PM** **Rack 3, Tube 41**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.321964	mg/L	0.004270	1.3	17178.7	0.321964 mg/L	Y 371.029
Ag 338.289	0.329334	mg/L	0.006162	1.9	1012.99	0.329334 mg/L	Y 371.029
Al 237.312	5.36252	mg/L	0.097069	1.8	7084.53	5.36252 mg/L	Y 371.029
Al 257.509	5.43954	mg/L	0.084956	1.6	3291.76	5.43954 mg/L	Y 371.029
Al 308.215	5.41333	mg/L	0.048000	0.9	33421.9	5.41333 mg/L	Y 371.029
As 188.980	1.08205	mg/L	0.012210	1.1	422.747	1.08205 mg/L	Y 371.029
As 193.696	1.06456	mg/L	0.012082	1.1	475.910	1.06456 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.074588	6.8	1968.47	uncal mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	1.09300	mg/L	0.000886	0.1	562.600	1.09300 mg/L	Y 371.029
B 249.678	1.01076	mg/L	0.013651	1.4	9154.80	1.01076 mg/L	Y 371.029
B 249.772	1.04449	mg/L	0.011194	1.1	19729.4	1.04449 mg/L	Y 371.029
Ba 233.527	1.04138	mg/L	0.008696	0.8	42488.4	1.04138 mg/L	Y 371.029
Ba 455.403	1.04056	mg/L	0.013720	1.3	928269	1.04056 mg/L	Y 371.029
Ba 493.408	1.01767	mg/L	0.015458	1.5	545116	1.01767 mg/L	Y 371.029
Be 234.861	1.05128	mg/L	0.013823	1.3	122350	1.05128 mg/L	Y 371.029
Be 313.042	1.04756	mg/L	0.013679	1.3	1756031	1.04756 mg/L	Y 371.029
Be 313.107	1.03678	mg/L	0.013990	1.3	839064	1.03678 mg/L	Y 371.029
Ca 393.366	9.52070n	mg/L	0.123081	1.3	12231127	9.52070 mg/L	Y 371.029
Ca 396.847	9.03257	mg/L	0.118289	1.3	17879392	9.03257 mg/L	Y 371.029
Ca 430.253	10.8471	mg/L	0.106445	1.0	49948.9	10.8471 mg/L	Y 371.029
Cd 214.439	1.08752	mg/L	0.034869	3.2	23826.8	1.08752 mg/L	Y 371.029
Cd 226.502	1.05961	mg/L	0.009967	0.9	42032.0	1.05961 mg/L	Y 371.029
Cd 228.802	1.06793	mg/L	0.021265	2.0	16268.7	1.06793 mg/L	Y 371.029
Co 228.615	1.07547	mg/L	0.024404	2.3	10398.4	1.07547 mg/L	Y 371.029
Co 230.786	1.06522	mg/L	0.006224	0.6	6948.38	1.06522 mg/L	Y 371.029
Co 238.892	1.03288	mg/L	0.007698	0.7	6168.50	1.03288 mg/L	Y 371.029
Cr 205.560	1.06713	mg/L	0.020048	1.9	4580.92	1.06713 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.019976	1.8	1908.33	uncal mg/L	Y 371.029
Cr 267.716	1.04170	mg/L	0.009733	0.9	23137.5	1.04170 mg/L	Y 371.029
Cu 213.598	1.09468	mg/L	0.024380	2.2	4768.83	1.09468 mg/L	Y 371.029
Cu 324.754	1.07376	mg/L	0.008776	0.8	36325.7	1.07376 mg/L	Y 371.029
Cu 327.395	1.07543	mg/L	0.007929	0.7	46072.6	1.07543 mg/L	Y 371.029
Fe 234.350	5.30916	mg/L	0.042219	0.8	48378.2	5.30916 mg/L	Y 371.029
Fe 238.204	5.29584	mg/L	0.022467	0.4	102650	5.29584 mg/L	Y 371.029
Fe 259.940	5.40294	mg/L	0.047111	0.9	83681.1	5.40294 mg/L	Y 371.029
Ga 287.423	1.07264	mg/L	0.005738	0.5	2656.70	1.07264 mg/L	Y 371.029
Ga 294.363	1.06397	mg/L	0.007052	0.7	6834.61	1.06397 mg/L	Y 371.029
Ga 417.204	1.08215	mg/L	0.013241	1.2	10889.1	1.08215 mg/L	Y 371.029
K 766.491	11.2374	mg/L	0.062857	0.6	852002	11.2374 mg/L	Y 371.029
K 769.897	11.3098	mg/L	0.067275	0.6	668602	11.3098 mg/L	Y 371.029
Li 610.365	1.11144	mg/L	0.012543	1.1	53392.8	1.11144 mg/L	Y 371.029
Li 670.783	1.03732	mg/L	0.029285	2.8	3944479	1.03732 mg/L	Y 371.029
Mg 279.078	10.7105	mg/L	0.106260	1.0	18811.9	10.7105 mg/L	Y 371.029
Mg 280.270	12.0242	mg/L	0.143206	1.2	1092759	12.0242 mg/L	Y 371.029
Mg 285.213	11.3156	mg/L	0.135186	1.2	401393	11.3156 mg/L	Y 371.029
Mn 257.610	1.04486	mg/L	0.017181	1.6	160599	1.04486 mg/L	Y 371.029
Mn 259.372	1.03649	mg/L	0.017735	1.7	119445	1.03649 mg/L	Y 371.029
Mn 260.568	1.05259	mg/L	0.012377	1.2	21138.9	1.05259 mg/L	Y 371.029
Mo 202.032	0.981261	mg/L	0.022169	2.3	3526.10	0.981261 mg/L	Y 371.029
Mo 203.846	0.999296	mg/L	0.029634	3.0	1430.82	0.999296 mg/L	Y 371.029
Mo 204.598	0.977148	mg/L	0.027892	2.9	1682.82	0.977148 mg/L	Y 371.029
Na 568.821	10.5698	mg/L	0.031301	0.3	3034.19	10.5698 mg/L	Y 371.029
Na 588.995	11.2653	mg/L	0.108327	1.0	7085770	11.2653 mg/L	Y 371.029
Na 589.592	11.2298	mg/L	0.150633	1.3	3820885	11.2298 mg/L	Y 371.029
Ni 216.555	1.06981	mg/L	0.003733	0.3	6164.49	1.06981 mg/L	Y 371.029
Ni 221.648	1.07531	mg/L	0.009737	0.9	2453.29	1.07531 mg/L	Y 371.029
Ni 231.604	1.07742	mg/L	0.006342	0.6	4000.28	1.07742 mg/L	Y 371.029
P 177.434	1.09793	mg/L	0.011595	1.1	184.465	1.09793 mg/L	Y 371.029
P 213.618	1.12869	mg/L	0.017722	1.6	820.029	1.12869 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	1.12925	mg/L	0.011395	1.0	247.071	1.12925 mg/L	Y 371.029
Pb 220.353	1.09151	mg/L	0.007269	0.7	1426.87	1.09151 mg/L	Y 371.029
Pb 261.417	0.872844	mg/L	0.015923	1.8	485.467	0.872844 mg/L	Y 371.029
Pb 405.781	1.08273	mg/L	0.013416	1.2	1553.25	1.08273 mg/L	Y 371.029
Sb 206.834	1.17364	mg/L	0.013197	1.1	768.925	1.17364 mg/L	Y 371.029
Sb 231.146	1.24332	mg/L	0.006099	0.5	608.662	1.24332 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.035370	3.4	423.049	uncal mg/L	Y 371.029
Se 196.026	1.04109	mg/L	0.037405	3.6	341.831	1.04109 mg/L	Y 371.029
Se 203.985	1.11715	mg/L	0.026508	2.4	221.932	1.11715 mg/L	Y 371.029
Si 250.690	1.07453	mg/L	0.012328	1.1	1489.91	1.07453 mg/L	Y 371.029
Si 251.611	1.04517	mg/L	0.011692	1.1	1702.27	1.04517 mg/L	Y 371.029
Si 288.158	1.02643	mg/L	0.030901	3.0	8964.28	1.02643 mg/L	Y 371.029
Sn 189.927	1.01745	mg/L	0.015585	1.5	314.298	1.01745 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.023035	1.6	2906.93	uncal mg/L	Y 371.029
Sr 216.596	1.14659	mg/L	0.022866	2.0	10976.6	1.14659 mg/L	Y 371.029
Sr 407.771	1.06009	mg/L	0.016627	1.6	2609703	1.06009 mg/L	Y 371.029
Sr 421.552	1.04840	mg/L	0.017057	1.6	1628931	1.04840 mg/L	Y 371.029
Ti 334.941	1.00851	mg/L	0.004472	0.4	205168	1.00851 mg/L	Y 371.029
Ti 336.122	1.00588	mg/L	0.004366	0.4	87378.3	1.00588 mg/L	Y 371.029
Ti 337.280	1.04198	mg/L	0.008382	0.8	31294.2	1.04198 mg/L	Y 371.029
Tl 190.794	1.06528	mg/L	0.012546	1.2	403.665	1.06528 mg/L	Y 371.029
Tl 190.807	1.08716	mg/L	0.009217	0.8	217.252	1.08716 mg/L	Y 371.029
Tl 351.923	1.01879	mg/L	0.005844	0.6	1442.43	1.01879 mg/L	Y 371.029
V 268.796	1.02589	mg/L	0.007014	0.7	9636.48	1.02589 mg/L	Y 371.029
V 292.401	1.08071	mg/L	0.018208	1.7	35408.4	1.08071 mg/L	Y 371.029
V 311.837	1.08168	mg/L	0.011590	1.1	48259.2	1.08168 mg/L	Y 371.029
Zn 202.548	1.12629	mg/L	0.024224	2.2	12856.3	1.12629 mg/L	Y 371.029
Zn 206.200	1.12234	mg/L	0.016607	1.5	3998.51	1.12234 mg/L	Y 371.029
Zn 213.857	1.09174	mg/L	0.029543	2.7	20806.8	1.09174 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24281	9965.85	85.512	0.9
Y 371.029	0.876129	144480	1231.914	0.9

1114246-BS2 (Samp) **4/7/2011, 1:08:58 PM** **Rack 3, Tube 42**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.086727	mg/L	0.000472	0.5	5718.65	0.086727 mg/L	Y 371.029
Ag 338.289	0.083125	mg/L	0.001939	2.3	280.707	0.083125 mg/L	Y 371.029
Al 237.312	1.06037	mg/L	0.002817	0.3	1449.56	1.06037 mg/L	Y 371.029
Al 257.509	1.07990	mg/L	0.005248	0.5	664.246	1.07990 mg/L	Y 371.029
Al 308.215	1.04389	mg/L	0.001817	0.2	7213.88	1.04389 mg/L	Y 371.029
As 188.980	0.216142	mg/L	0.006025	2.8	88.7811	0.216142 mg/L	Y 371.029
As 193.696	0.211245	mg/L	0.006377	3.0	95.2748	0.211245 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007030	4.2	368.904	uncal mg/L	Y 371.029
B 182.577	0.223199	mg/L	0.004038	1.8	118.641	0.223199 mg/L	Y 371.029
B 249.678	0.207510	mg/L	0.001919	0.9	1896.17	0.207510 mg/L	Y 371.029
B 249.772	0.216026	mg/L	0.000936	0.4	4117.42	0.216026 mg/L	Y 371.029
Ba 233.527	0.203254	mg/L	0.000448	0.2	8450.13	0.203254 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.209014	mg/L	0.000160	0.1	189723	0.209014 mg/L	Y 371.029
Ba 493.408	0.204060	mg/L	0.000244	0.1	111312	0.204060 mg/L	Y 371.029
Be 234.861	0.205797	mg/L	0.000610	0.3	23941.1	0.205797 mg/L	Y 371.029
Be 313.042	0.209849	mg/L	0.000170	0.1	352821	0.209849 mg/L	Y 371.029
Be 313.107	0.206927	mg/L	0.000107	0.1	167523	0.206927 mg/L	Y 371.029
Ca 393.366	2.13725n	mg/L	0.006063	0.3	2761037	2.13725 mg/L	Y 371.029
Ca 396.847	1.94413	mg/L	0.006017	0.3	3869170	1.94413 mg/L	Y 371.029
Ca 430.253	2.15412	mg/L	0.011704	0.5	11016.3	2.15412 mg/L	Y 371.029
Cd 214.439	0.214840	mg/L	0.000469	0.2	4705.65	0.214840 mg/L	Y 371.029
Cd 226.502	0.205469	mg/L	0.000379	0.2	8164.86	0.205469 mg/L	Y 371.029
Cd 228.802	0.208017	mg/L	0.000606	0.3	3187.72	0.208017 mg/L	Y 371.029
Co 228.615	0.211440	mg/L	0.001047	0.5	2054.32	0.211440 mg/L	Y 371.029
Co 230.786	0.207295	mg/L	0.002374	1.1	1359.09	0.207295 mg/L	Y 371.029
Co 238.892	0.204143	mg/L	0.000183	0.1	1224.71	0.204143 mg/L	Y 371.029
Cr 205.560	0.205512	mg/L	0.001666	0.8	887.273	0.205512 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.002122	1.0	378.022	uncal mg/L	Y 371.029
Cr 267.716	0.205156	mg/L	0.000038	0.0	4574.96	0.205156 mg/L	Y 371.029
Cu 213.598	0.210022	mg/L	0.001483	0.7	917.180	0.210022 mg/L	Y 371.029
Cu 324.754	0.209196	mg/L	0.000194	0.1	7546.70	0.209196 mg/L	Y 371.029
Cu 327.395	0.209629	mg/L	0.000567	0.3	8999.87	0.209629 mg/L	Y 371.029
Fe 234.350	1.03147	mg/L	0.002405	0.2	9410.88	1.03147 mg/L	Y 371.029
Fe 238.204	1.04615	mg/L	0.007374	0.7	20296.6	1.04615 mg/L	Y 371.029
Fe 259.940	1.04326	mg/L	0.009160	0.9	16194.9	1.04326 mg/L	Y 371.029
Ga 287.423	0.203647	mg/L	0.001801	0.9	515.100	0.203647 mg/L	Y 371.029
Ga 294.363	0.204701	mg/L	0.000585	0.3	1333.16	0.204701 mg/L	Y 371.029
Ga 417.204	0.208342	mg/L	0.001665	0.8	2162.53	0.208342 mg/L	Y 371.029
K 766.491	2.29348	mg/L	0.004603	0.2	175669	2.29348 mg/L	Y 371.029
K 769.897	2.24350	mg/L	0.005981	0.3	142962	2.24350 mg/L	Y 371.029
Li 610.365	0.175603	mg/L	0.000827	0.5	8245.74	0.175603 mg/L	Y 371.029
Li 670.783	0.208069	mg/L	0.000576	0.3	848567	0.208069 mg/L	Y 371.029
Mg 279.078	2.08730	mg/L	0.007049	0.3	3678.20	2.08730 mg/L	Y 371.029
Mg 280.270	2.40779	mg/L	0.017734	0.7	219199	2.40779 mg/L	Y 371.029
Mg 285.213	2.14941	mg/L	0.013137	0.6	76310.8	2.14941 mg/L	Y 371.029
Mn 257.610	0.206792	mg/L	0.002423	1.2	31789.0	0.206792 mg/L	Y 371.029
Mn 259.372	0.204027	mg/L	0.002282	1.1	23554.5	0.204027 mg/L	Y 371.029
Mn 260.568	0.208124	mg/L	0.000625	0.3	4182.66	0.208124 mg/L	Y 371.029
Mo 202.032	0.213873	mg/L	0.007127	3.3	785.632	0.213873 mg/L	Y 371.029
Mo 203.846	0.216375	mg/L	0.007450	3.4	314.562	0.216375 mg/L	Y 371.029
Mo 204.598	0.213446	mg/L	0.007282	3.4	366.969	0.213446 mg/L	Y 371.029
Na 568.821	2.16215	mg/L	0.083411	3.9	714.205	2.16215 mg/L	Y 371.029
Na 588.995	2.27794	mg/L	0.005764	0.3	1676433	2.27794 mg/L	Y 371.029
Na 589.592	2.18152	mg/L	0.003897	0.2	805957	2.18152 mg/L	Y 371.029
Ni 216.555	0.208337	mg/L	0.000630	0.3	1202.21	0.208337 mg/L	Y 371.029
Ni 221.648	0.208685	mg/L	0.000368	0.2	478.251	0.208685 mg/L	Y 371.029
Ni 231.604	0.210554	mg/L	0.001356	0.6	788.170	0.210554 mg/L	Y 371.029
P 177.434	0.220763	mg/L	0.007179	3.3	38.6252	0.220763 mg/L	Y 371.029
P 213.618	0.216405	mg/L	0.002711	1.3	157.921	0.216405 mg/L	Y 371.029
P 214.914	0.234605	mg/L	0.027608	11.8	52.7514	0.234605 mg/L	Y 371.029
Pb 220.353	0.215767	mg/L	0.004708	2.2	285.340	0.215767 mg/L	Y 371.029
Pb 261.417	0.180611	mg/L	0.012518	6.9	117.187	0.180611 mg/L	Y 371.029
Pb 405.781	0.211033	mg/L	0.002777	1.3	331.862	0.211033 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.226716	mg/L	0.002194	1.0	155.808	0.226716 mg/L	Y 371.029
Sb 231.146	0.248844	mg/L	0.018330	7.4	125.925	0.248844 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006773	3.5	84.2904	uncal mg/L	Y 371.029
Se 196.026	0.195365	mg/L	0.010396	5.3	69.0102	0.195365 mg/L	Y 371.029
Se 203.985	0.199358	mg/L	0.009577	4.8	42.6388	0.199358 mg/L	Y 371.029
Si 250.690	0.198745	mg/L	0.003741	1.9	310.001	0.198745 mg/L	Y 371.029
Si 251.611	0.203367	mg/L	0.000698	0.3	350.962	0.203367 mg/L	Y 371.029
Si 288.158	0.199596	mg/L	0.001224	0.6	2455.17	0.199596 mg/L	Y 371.029
Sn 189.927	0.197621	mg/L	0.005747	2.9	63.7885	0.197621 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003923	1.5	581.872	uncal mg/L	Y 371.029
Sr 216.596	0.224841	mg/L	0.000620	0.3	2169.25	0.224841 mg/L	Y 371.029
Sr 407.771	0.214830	mg/L	0.001049	0.5	533227	0.214830 mg/L	Y 371.029
Sr 421.552	0.209978	mg/L	0.000551	0.3	328771	0.209978 mg/L	Y 371.029
Ti 334.941	0.200472	mg/L	0.002307	1.2	40866.2	0.200472 mg/L	Y 371.029
Ti 336.122	0.201446	mg/L	0.001451	0.7	17532.8	0.201446 mg/L	Y 371.029
Ti 337.280	0.204047	mg/L	0.001535	0.8	6125.53	0.204047 mg/L	Y 371.029
Tl 190.794	0.204572	mg/L	0.003630	1.8	77.9590	0.204572 mg/L	Y 371.029
Tl 190.807	0.201108	mg/L	0.001345	0.7	41.3716	0.201108 mg/L	Y 371.029
Tl 351.923	0.202565	mg/L	0.002988	1.5	299.724	0.202565 mg/L	Y 371.029
V 268.796	0.203283	mg/L	0.001095	0.5	1955.53	0.203283 mg/L	Y 371.029
V 292.401	0.211095	mg/L	0.001553	0.7	6940.03	0.211095 mg/L	Y 371.029
V 311.837	0.209679	mg/L	0.000447	0.2	9328.59	0.209679 mg/L	Y 371.029
Zn 202.548	0.226010	mg/L	0.000475	0.2	3180.46	0.226010 mg/L	Y 371.029
Zn 206.200	0.223816	mg/L	0.001547	0.7	987.627	0.223816 mg/L	Y 371.029
Zn 213.857	0.221313	mg/L	0.000365	0.2	5212.10	0.221313 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24572	9989.13	55.581	0.6
Y 371.029	0.879346	145010	631.551	0.4

11C1255-20 (Samp) **4/7/2011, 1:12:48 PM** **Rack 3, Tube 43**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.020963uvb	mg/L	0.000104	0.5	773.744	-0.209631 mg/L	Y 371.029
Ag 338.289	-0.010976uvb	mg/L	0.001721	15.7	-0.783200	-0.109755 mg/L	Y 371.029
Al 237.312	-0.012795b	mg/L	0.002144	16.8	65.8322	-0.127950 mg/L	Y 371.029
Al 257.509	-0.020636b	mg/L	0.008409	40.7	20.2586	-0.206365 mg/L	Y 371.029
Al 308.215	0.035683uvb	mg/L	0.000220	0.6	922.603	0.356830 mg/L	Y 371.029
As 188.980	0.027809b	mg/L	0.001076	3.9	11.5194	0.278093 mg/L	Y 371.029
As 193.696	0.016686b	mg/L	0.002873	17.2	4.53645	0.166864 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.014707	89.6	19.9200	uncal mg/L	Y 371.029
B 182.577	0.064156b	mg/L	0.003211	5.0	38.7712	0.641563 mg/L	Y 371.029
B 249.678	0.004680b	mg/L	0.000998	21.3	115.444	0.046800 mg/L	Y 371.029
B 249.772	0.007935b	mg/L	0.001385	17.4	253.079	0.079347 mg/L	Y 371.029
Ba 233.527	0.001277b	mg/L	0.000088	6.9	305.907	0.012775 mg/L	Y 371.029
Ba 455.403	0.002050b	mg/L	0.000063	3.1	6630.88	0.020502 mg/L	Y 371.029
Ba 493.408	0.001610b	mg/L	0.000010	0.6	3913.14	0.016105 mg/L	Y 371.029
Be 234.861	0.000115b	mg/L	0.000021	18.4	1.50903	0.001153 mg/L	Y 371.029
Be 313.042	0.000225b	mg/L	0.000006	2.8	1618.18	0.002250 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000024b	mg/L	0.000019	81.8	100.899	0.000236 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.184949	0.5	43367056	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.112520	0.5	41014516	- mg/L	Y 371.029
Ca 430.253	59.3991b	mg/L	0.281567	0.5	267020	593.991 mg/L	Y 371.029
Cd 214.439	0.000334b	mg/L	0.000154	46.2	5.89080	0.003341 mg/L	Y 371.029
Cd 226.502	-0.000050b	mg/L	0.000098	194.6	25.5657	-0.000503 mg/L	Y 371.029
Cd 228.802	0.000415b	mg/L	0.000227	54.7	28.5232	0.004151 mg/L	Y 371.029
Co 228.615	0.001848b	mg/L	0.000164	8.9	15.2189	0.018483 mg/L	Y 371.029
Co 230.786	0.001476b	mg/L	0.000531	36.0	11.6931	0.014764 mg/L	Y 371.029
Co 238.892	-0.001933uvb	mg/L	0.000135	7.0	4.86420	-0.019331 mg/L	Y 371.029
Cr 205.560	-0.001420uvb	mg/L	0.000735	51.8	5.01654	-0.014204 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001272	617.9	3.33393	uncal mg/L	Y 371.029
Cr 267.716	-0.000639uvb	mg/L	0.000186	29.2	26.4964	-0.006392 mg/L	Y 371.029
Cu 213.598	-0.003159b	mg/L	0.000129	4.1	5.33669	-0.031589 mg/L	Y 371.029
Cu 324.754	0.006958b	mg/L	0.000112	1.6	612.801	0.069577 mg/L	Y 371.029
Cu 327.395	-0.000902uvb	mg/L	0.000251	27.9	31.3390	-0.009020 mg/L	Y 371.029
Fe 234.350	-0.017826b	mg/L	0.000818	4.6	56.3487	-0.178263 mg/L	Y 371.029
Fe 238.204	-0.022631b	mg/L	0.001141	5.0	128.244	-0.226308 mg/L	Y 371.029
Fe 259.940	-0.020403b	mg/L	0.001016	5.0	134.398	-0.204028 mg/L	Y 371.029
Ga 287.423	-0.004076uvb	mg/L	0.002948	72.3	10.1512	-0.040762 mg/L	Y 371.029
Ga 294.363	-0.001354uvb	mg/L	0.000169	12.5	20.9460	-0.013539 mg/L	Y 371.029
Ga 417.204	0.001883b	mg/L	0.001173	62.3	94.2814	0.018834 mg/L	Y 371.029
K 766.491	51.9904b	mg/L	0.377201	0.7	3933170	519.904 mg/L	Y 371.029
K 769.897	57.7720b	mg/L	0.336559	0.6	3362049	577.720 mg/L	Y 371.029
Li 610.365	0.007076b	mg/L	0.000365	5.2	115.552	0.070758 mg/L	Y 371.029
Li 670.783	0.016946b	mg/L	0.000080	0.5	141592	0.169459 mg/L	Y 371.029
Mg 279.078	0.006978b	mg/L	0.002582	37.0	20.7321	0.069778 mg/L	Y 371.029
Mg 280.270	-0.000159b	mg/L	0.000034	21.6	913.770	-0.001587 mg/L	Y 371.029
Mg 285.213	0.001956b	mg/L	0.000142	7.3	277.375	0.019562 mg/L	Y 371.029
Mn 257.610	0.000238b	mg/L	0.000037	15.7	15.0838	0.002375 mg/L	Y 371.029
Mn 259.372	-0.001497b	mg/L	0.000065	4.3	135.667	-0.014968 mg/L	Y 371.029
Mn 260.568	-0.000352uvb	mg/L	0.000084	24.0	5.26319	-0.003523 mg/L	Y 371.029
Mo 202.032	0.002285b	mg/L	0.003507	153.5	451.726	0.022846 mg/L	Y 371.029
Mo 203.846	0.000773b	mg/L	0.005458	705.7	181.695	0.007734 mg/L	Y 371.029
Mo 204.598	-0.005113b	mg/L	0.005140	100.5	203.785	-0.051128 mg/L	Y 371.029
Na 568.821	194.641b	mg/L	0.899723	0.5	53234.4	1946.41 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.07309	1.5	44008060	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.69954	1.7	34128292	- mg/L	Y 371.029
Ni 216.555	0.000359uvb	mg/L	0.000269	75.0	3.41630	0.003588 mg/L	Y 371.029
Ni 221.648	-0.000295uvb	mg/L	0.001194	405.1	3.73740	-0.002947 mg/L	Y 371.029
Ni 231.604	0.000849uvb	mg/L	0.000610	71.8	9.64628	0.008494 mg/L	Y 371.029
P 177.434	0.006274uvb	mg/L	0.001623	25.9	1.84966	0.062745 mg/L	Y 371.029
P 213.618	-0.018910uvb	mg/L	0.000716	3.8	-0.724682	-0.189100 mg/L	Y 371.029
P 214.914	0.012280b	mg/L	0.002934	23.9	4.44457	0.122799 mg/L	Y 371.029
Pb 220.353	-0.000204uvb	mg/L	0.001753	859.0	6.09005	-0.002041 mg/L	Y 371.029
Pb 261.417	-0.036699b	mg/L	0.003896	10.6	24.2103	-0.366988 mg/L	Y 371.029
Pb 405.781	-0.012691b	mg/L	0.014719	116.0	68.6934	-0.126906 mg/L	Y 371.029
Sb 206.834	-0.022006uvb	mg/L	0.004342	19.7	9.55204	-0.220061 mg/L	Y 371.029
Sb 231.146	0.004427b	mg/L	0.002840	64.2	9.88294	0.044267 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.010101	109.9	9.29377	uncal mg/L	Y 371.029
Se 196.026	0.016059b	mg/L	0.000768	4.8	11.8127	0.160587 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.025578uvb	mg/L	0.009306	36.4	4.43233	0.255783 mg/L	Y 371.029
Si 250.690	0.105575b	mg/L	0.001984	1.9	196.218	1.05575 mg/L	Y 371.029
Si 251.611	0.039753b	mg/L	0.001530	3.8	223.031	0.397525 mg/L	Y 371.029
Si 288.158	0.062142b	mg/L	0.001760	2.8	1859.05	0.621418 mg/L	Y 371.029
Sn 189.927	0.000004uvb	mg/L	0.002487	55836.1	3.84145	0.000045 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.009066	72.6	31.9023	uncal mg/L	Y 371.029
Sr 216.596	0.255662b	mg/L	0.001205	0.5	2476.22	2.55662 mg/L	Y 371.029
Sr 407.771	0.232054b	mg/L	0.003905	1.7	579799	2.32054 mg/L	Y 371.029
Sr 421.552	0.234783b	mg/L	0.001356	0.6	369962	2.34783 mg/L	Y 371.029
Ti 334.941	0.000850b	mg/L	0.000295	34.7	298.350	0.008496 mg/L	Y 371.029
Ti 336.122	0.000353b	mg/L	0.000250	70.7	75.8987	0.003530 mg/L	Y 371.029
Ti 337.280	0.001234b	mg/L	0.000385	31.2	60.4487	0.012339 mg/L	Y 371.029
Tl 190.794	0.009437b	mg/L	0.002554	27.1	1.97108	0.094365 mg/L	Y 371.029
Tl 190.807	-0.000533uvb	mg/L	0.004039	758.3	2.00655	-0.005326 mg/L	Y 371.029
Tl 351.923	0.007300uvb	mg/L	0.006149	84.2	20.5648	0.073004 mg/L	Y 371.029
V 268.796	-0.005601b	mg/L	0.000857	15.3	247.367	-0.056014 mg/L	Y 371.029
V 292.401	0.004860b	mg/L	0.000269	5.5	200.448	0.048602 mg/L	Y 371.029
V 311.837	0.005395b	mg/L	0.000257	4.8	220.740	0.053953 mg/L	Y 371.029
Zn 202.548	-0.018460b	mg/L	0.000795	4.3	817.396	-0.184596 mg/L	Y 371.029
Zn 206.200	-0.018237b	mg/L	0.000447	2.5	258.297	-0.182369 mg/L	Y 371.029
Zn 213.857	-0.019002b	mg/L	0.000439	2.3	1343.26	-0.190021 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22942	9858.47	14.730	0.1
Y 371.029	0.864967	142639	508.620	0.4

11C1255-45 (Samp) **4/7/2011, 1:16:52 PM** **Rack 3, Tube 44**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015642uv	mg/L	0.000583	3.7	759.371	-0.156424 mg/L	Y 371.029
Ag 338.289	-0.011899uv	mg/L	0.000436	3.7	-3.71862	-0.118990 mg/L	Y 371.029
Al 237.312	-0.001512	mg/L	0.000739	48.9	62.6723	-0.015120 mg/L	Y 371.029
Al 257.509	0.015969	mg/L	0.005914	37.0	24.5834	0.159687 mg/L	Y 371.029
Al 308.215	-0.003771uv	mg/L	0.001888	50.1	905.267	-0.037708 mg/L	Y 371.029
As 188.980	0.007768	mg/L	0.003155	40.6	7.97753	0.077681 mg/L	Y 371.029
As 193.696	0.004105uv	mg/L	0.004522	110.2	2.52503	0.041048 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003496	185.1	14.2179	uncal mg/L	Y 371.029
B 182.577	0.055063	mg/L	0.001250	2.3	33.0254	0.550628 mg/L	Y 371.029
B 249.678	0.048915	mg/L	0.000446	0.9	468.127	0.489146 mg/L	Y 371.029
B 249.772	0.051082	mg/L	0.000206	0.4	1012.89	0.510820 mg/L	Y 371.029
Ba 233.527	0.003039	mg/L	0.000087	2.8	330.184	0.030386 mg/L	Y 371.029
Ba 455.403	0.003200	mg/L	0.000032	1.0	7121.66	0.032001 mg/L	Y 371.029
Ba 493.408	0.003020	mg/L	0.000028	0.9	4248.04	0.030200 mg/L	Y 371.029
Be 234.861	0.000100	mg/L	0.000025	25.3	-0.631726	0.000999 mg/L	Y 371.029
Be 313.042	0.000191	mg/L	0.000008	4.3	1628.84	0.001913 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000010	69.0	87.1508	0.000148 mg/L	Y 371.029
Ca 393.366	7.64130n	mg/L	0.015447	0.2	9815178	76.4130 mg/L	Y 371.029
Ca 396.847	7.15935	mg/L	0.011247	0.2	14169408	71.5935 mg/L	Y 371.029
Ca 430.253	8.53202	mg/L	0.028374	0.3	39506.6	85.3202 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000279	mg/L	0.000161	57.6	4.40048	0.002795 mg/L	Y 371.029
Cd 226.502	0.000047uv	mg/L	0.000126	270.9	21.0954	0.000466 mg/L	Y 371.029
Cd 228.802	0.000097uv	mg/L	0.000150	154.9	24.6392	0.000968 mg/L	Y 371.029
Co 228.615	-0.000287uv	mg/L	0.000584	203.7	8.29273	-0.002869 mg/L	Y 371.029
Co 230.786	0.000291uv	mg/L	0.000477	163.9	10.2047	0.002910 mg/L	Y 371.029
Co 238.892	-0.000067uv	mg/L	0.000266	397.1	7.53888	-0.000671 mg/L	Y 371.029
Cr 205.560	-0.000687uv	mg/L	0.000207	30.1	3.87411	-0.006873 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001173	1080.5	2.05757	uncal mg/L	Y 371.029
Cr 267.716	0.000148	mg/L	0.000120	81.0	28.5335	0.001482 mg/L	Y 371.029
Cu 213.598	-0.000673uv	mg/L	0.000186	27.7	1.51423	-0.006730 mg/L	Y 371.029
Cu 324.754	0.000956	mg/L	0.000338	35.4	594.076	0.009563 mg/L	Y 371.029
Cu 327.395	0.000497	mg/L	0.000128	25.8	54.2982	0.004967 mg/L	Y 371.029
Fe 234.350	0.004688	mg/L	0.000459	9.8	102.346	0.046880 mg/L	Y 371.029
Fe 238.204	0.005174	mg/L	0.000338	6.5	233.778	0.051745 mg/L	Y 371.029
Fe 259.940	0.003070	mg/L	0.000548	17.8	144.249	0.030703 mg/L	Y 371.029
Ga 287.423	0.000740uv	mg/L	0.002748	371.3	15.0391	0.007401 mg/L	Y 371.029
Ga 294.363	-0.001299uv	mg/L	0.000671	51.7	14.0204	-0.012987 mg/L	Y 371.029
Ga 417.204	0.003015	mg/L	0.001450	48.1	105.947	0.030146 mg/L	Y 371.029
K 766.491	8.72642	mg/L	0.013986	0.2	661953	87.2642 mg/L	Y 371.029
K 769.897	8.77584	mg/L	0.053841	0.6	521481	87.7584 mg/L	Y 371.029
Li 610.365	0.004727	mg/L	0.000333	7.0	2.22240	0.047266 mg/L	Y 371.029
Li 670.783	0.004246	mg/L	0.000051	1.2	88988.6	0.042456 mg/L	Y 371.029
Mg 279.078	4.79151	mg/L	0.010197	0.2	8424.09	47.9151 mg/L	Y 371.029
Mg 280.270	5.58752	mg/L	0.023061	0.4	507984	55.8752 mg/L	Y 371.029
Mg 285.213	5.01321	mg/L	0.026709	0.5	177851	50.1321 mg/L	Y 371.029
Mn 257.610	0.030060	mg/L	0.000125	0.4	4564.02	0.300598 mg/L	Y 371.029
Mn 259.372	0.029156	mg/L	0.000160	0.5	3434.97	0.291560 mg/L	Y 371.029
Mn 260.568	0.029544	mg/L	0.000250	0.8	627.418	0.295438 mg/L	Y 371.029
Mo 202.032	0.018553	mg/L	0.002243	12.1	120.452	0.185532 mg/L	Y 371.029
Mo 203.846	0.019703	mg/L	0.003206	16.3	47.4113	0.197033 mg/L	Y 371.029
Mo 204.598	0.019631	mg/L	0.002617	13.3	49.4195	0.196309 mg/L	Y 371.029
Na 568.821	14.7483	mg/L	0.159476	1.1	4150.18	147.483 mg/L	Y 371.029
Na 588.995	15.1956	mg/L	0.048190	0.3	9441317	151.956 mg/L	Y 371.029
Na 589.592	15.0277	mg/L	0.038836	0.3	5078846	150.277 mg/L	Y 371.029
Ni 216.555	0.003763	mg/L	0.000651	17.3	24.0490	0.037626 mg/L	Y 371.029
Ni 221.648	0.003924	mg/L	0.001258	32.1	11.8647	0.039239 mg/L	Y 371.029
Ni 231.604	0.003526	mg/L	0.000946	26.8	22.2927	0.035256 mg/L	Y 371.029
P 177.434	0.000734uv	mg/L	0.003287	448.0	1.96804	0.007338 mg/L	Y 371.029
P 213.618	0.001667	mg/L	0.000152	9.1	3.13379	0.016668 mg/L	Y 371.029
P 214.914	0.009589	mg/L	0.010878	113.4	4.13024	0.095889 mg/L	Y 371.029
Pb 220.353	0.003464	mg/L	0.001661	48.0	8.95132	0.034641 mg/L	Y 371.029
Pb 261.417	0.002144	mg/L	0.004448	207.4	23.5463	0.021443 mg/L	Y 371.029
Pb 405.781	0.006856	mg/L	0.008486	123.8	52.9637	0.068558 mg/L	Y 371.029
Sb 206.834	-0.004922uv	mg/L	0.004495	91.3	7.28299	-0.049218 mg/L	Y 371.029
Sb 231.146	0.011725	mg/L	0.008156	69.6	11.9043	0.117249 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.008143	51.6	13.9583	uncal mg/L	Y 371.029
Se 196.026	0.006119	mg/L	0.004463	72.9	8.13159	0.061185 mg/L	Y 371.029
Se 203.985	0.009066uv	mg/L	0.008549	94.3	4.38988	0.090658 mg/L	Y 371.029
Si 250.690	0.805973	mg/L	0.000338	0.0	1113.25	8.05973 mg/L	Y 371.029
Si 251.611	0.793838	mg/L	0.002504	0.3	1281.25	7.93838 mg/L	Y 371.029
Si 288.158	0.772715	mg/L	0.005961	0.8	7011.47	7.72715 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.001213uv	mg/L	0.002987	246.2	3.80424	0.012130 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004257	29.8	15.0717	uncal mg/L	Y 371.029
Sr 216.596	0.033801	mg/L	0.000233	0.7	345.889	0.338012 mg/L	Y 371.029
Sr 407.771	0.031459	mg/L	0.000128	0.4	83381.4	0.314587 mg/L	Y 371.029
Sr 421.552	0.031571	mg/L	0.000224	0.7	52509.1	0.315713 mg/L	Y 371.029
Ti 334.941	0.000449	mg/L	0.000242	53.8	203.327	0.004491 mg/L	Y 371.029
Ti 336.122	0.000361	mg/L	0.000169	46.8	74.8901	0.003611 mg/L	Y 371.029
Ti 337.280	0.000851	mg/L	0.000237	27.8	26.2229	0.008509 mg/L	Y 371.029
Tl 190.794	0.003248uv	mg/L	0.003907	120.3	1.58428	0.032480 mg/L	Y 371.029
Tl 190.807	0.003729	mg/L	0.002034	54.6	2.10369	0.037286 mg/L	Y 371.029
Tl 351.923	0.001378uv	mg/L	0.011616	843.2	17.8447	0.013776 mg/L	Y 371.029
V 268.796	-0.000039	mg/L	0.000785	2027.6	74.2413	-0.000387 mg/L	Y 371.029
V 292.401	0.000162	mg/L	0.000229	141.7	36.3957	0.001618 mg/L	Y 371.029
V 311.837	0.001136	mg/L	0.000111	9.8	18.3528	0.011359 mg/L	Y 371.029
Zn 202.548	0.002877	mg/L	0.000362	12.6	813.173	0.028769 mg/L	Y 371.029
Zn 206.200	0.003576	mg/L	0.000581	16.2	259.669	0.035757 mg/L	Y 371.029
Zn 213.857	0.002633	mg/L	0.000508	19.3	1349.62	0.026334 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.26471	10141.5	77.571	0.8
Y 371.029	0.890040	146774	1010.409	0.7

SEQ-CCVA (Samp) **4/7/2011, 1:20:46 PM** **Rack 3, Tube 45**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.081705	mg/L	0.000552	0.7	5476.70	0.081705 mg/L	Y 371.029
Ag 338.289	0.083605	mg/L	0.001006	1.2	277.081	0.083605 mg/L	Y 371.029
Al 237.312	2.55125	mg/L	0.010630	0.4	3404.09	2.55125 mg/L	Y 371.029
Al 257.509	2.53140	mg/L	0.017020	0.7	1538.74	2.53140 mg/L	Y 371.029
Al 308.215	2.51619	mg/L	0.003953	0.2	16068.8	2.51619 mg/L	Y 371.029
As 188.980	0.505943	mg/L	0.005540	1.1	200.445	0.505943 mg/L	Y 371.029
As 193.696	0.500300	mg/L	0.009844	2.0	224.024	0.500300 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010417	1.7	694.508	uncal mg/L	Y 371.029
B 182.577	0.513498	mg/L	0.006878	1.3	266.752	0.513498 mg/L	Y 371.029
B 249.678	0.475500	mg/L	0.005483	1.2	4315.62	0.475500 mg/L	Y 371.029
B 249.772	0.480531	mg/L	0.008413	1.8	9069.37	0.480531 mg/L	Y 371.029
Ba 233.527	0.495706	mg/L	0.002451	0.5	20326.5	0.495706 mg/L	Y 371.029
Ba 455.403	0.508626	mg/L	0.000395	0.1	455812	0.508626 mg/L	Y 371.029
Ba 493.408	0.495047	mg/L	0.000567	0.1	266449	0.495047 mg/L	Y 371.029
Be 234.861	0.493896	mg/L	0.002159	0.4	57486.5	0.493896 mg/L	Y 371.029
Be 313.042	0.492011	mg/L	0.006656	1.4	825458	0.492011 mg/L	Y 371.029
Be 313.107	0.486670	mg/L	0.006075	1.2	393899	0.486670 mg/L	Y 371.029
Ca 393.366	4.74675n	mg/L	0.020023	0.4	6107884	4.74675 mg/L	Y 371.029
Ca 396.847	4.36210	mg/L	0.021372	0.5	8648415	4.36210 mg/L	Y 371.029
Ca 430.253	5.09358	mg/L	0.012771	0.3	24178.8	5.09358 mg/L	Y 371.029
Cd 214.439	0.263961	mg/L	0.001990	0.8	5781.93	0.263961 mg/L	Y 371.029
Cd 226.502	0.250709	mg/L	0.000539	0.2	9958.82	0.250709 mg/L	Y 371.029
Cd 228.802	0.256089	mg/L	0.002469	1.0	3919.59	0.256089 mg/L	Y 371.029
Co 228.615	0.513814	mg/L	0.004219	0.8	4969.76	0.513814 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.505128	mg/L	0.004427	0.9	3299.02	0.505128 mg/L	Y 371.029
Co 238.892	0.503596	mg/L	0.000983	0.2	3028.70	0.503596 mg/L	Y 371.029
Cr 205.560	0.506513	mg/L	0.005739	1.1	2176.22	0.506513 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.006271	1.2	895.333	uncal mg/L	Y 371.029
Cr 267.716	0.492621	mg/L	0.004966	1.0	10946.9	0.492621 mg/L	Y 371.029
Cu 213.598	0.518724	mg/L	0.002298	0.4	2262.33	0.518724 mg/L	Y 371.029
Cu 324.754	0.512281	mg/L	0.001655	0.3	17623.9	0.512281 mg/L	Y 371.029
Cu 327.395	0.504642	mg/L	0.000626	0.1	21610.7	0.504642 mg/L	Y 371.029
Fe 234.350	0.488985	mg/L	0.002025	0.4	4722.43	0.488985 mg/L	Y 371.029
Fe 238.204	0.491679	mg/L	0.005618	1.1	9862.04	0.491679 mg/L	Y 371.029
Fe 259.940	0.494032	mg/L	0.002788	0.6	7907.11	0.494032 mg/L	Y 371.029
Ga 287.423	0.514533	mg/L	0.001962	0.4	1241.20	0.514533 mg/L	Y 371.029
Ga 294.363	0.496865	mg/L	0.001911	0.4	3202.88	0.496865 mg/L	Y 371.029
Ga 417.204	0.522945	mg/L	0.000802	0.2	5292.63	0.522945 mg/L	Y 371.029
K 766.491	5.47195	mg/L	0.004828	0.1	416042	5.47195 mg/L	Y 371.029
K 769.897	5.37877	mg/L	0.006167	0.1	324811	5.37877 mg/L	Y 371.029
Li 610.365	1.05215	mg/L	0.001853	0.2	50532.8	1.05215 mg/L	Y 371.029
Li 670.783	0.996095	mg/L	0.017788	1.8	3788334	0.996095 mg/L	Y 371.029
Mg 279.078	5.04006	mg/L	0.003902	0.1	8858.31	5.04006 mg/L	Y 371.029
Mg 280.270	5.89928	mg/L	0.005575	0.1	536364	5.89928 mg/L	Y 371.029
Mg 285.213	5.28721	mg/L	0.089636	1.7	187595	5.28721 mg/L	Y 371.029
Mn 257.610	0.502005	mg/L	0.001805	0.4	77135.7	0.502005 mg/L	Y 371.029
Mn 259.372	0.496707	mg/L	0.002421	0.5	57198.1	0.496707 mg/L	Y 371.029
Mn 260.568	0.505922	mg/L	0.003752	0.7	10157.9	0.505922 mg/L	Y 371.029
Mo 202.032	1.03341	mg/L	0.016029	1.6	3698.88	1.03341 mg/L	Y 371.029
Mo 203.846	1.05148	mg/L	0.017287	1.6	1499.21	1.05148 mg/L	Y 371.029
Mo 204.598	1.02440	mg/L	0.024741	2.4	1756.90	1.02440 mg/L	Y 371.029
Na 568.821	5.00904	mg/L	0.161727	3.2	1503.70	5.00904 mg/L	Y 371.029
Na 588.995	5.66390	mg/L	0.081946	1.4	3714690	5.66390 mg/L	Y 371.029
Na 589.592	5.36887	mg/L	0.016904	0.3	1868119	5.36887 mg/L	Y 371.029
Ni 216.555	1.01655	mg/L	0.002169	0.2	5831.20	1.01655 mg/L	Y 371.029
Ni 221.648	1.01836	mg/L	0.003621	0.4	2313.82	1.01836 mg/L	Y 371.029
Ni 231.604	1.02330	mg/L	0.008378	0.8	3783.10	1.02330 mg/L	Y 371.029
P 177.434	0.511056	mg/L	0.008938	1.7	86.8631	0.511056 mg/L	Y 371.029
P 213.618	0.521097	mg/L	0.004109	0.8	379.618	0.521097 mg/L	Y 371.029
P 214.914	0.523477	mg/L	0.011691	2.2	116.465	0.523477 mg/L	Y 371.029
Pb 220.353	1.02919	mg/L	0.001405	0.1	1345.38	1.02919 mg/L	Y 371.029
Pb 261.417	1.01912	mg/L	0.002989	0.3	565.006	1.01912 mg/L	Y 371.029
Pb 405.781	1.04917	mg/L	0.004458	0.4	1499.36	1.04917 mg/L	Y 371.029
Sb 206.834	0.844427	mg/L	0.008225	1.0	553.858	0.844427 mg/L	Y 371.029
Sb 231.146	0.883757	mg/L	0.015580	1.8	432.649	0.883757 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.010404	1.1	364.374	uncal mg/L	Y 371.029
Se 196.026	1.00785	mg/L	0.025471	2.5	330.772	1.00785 mg/L	Y 371.029
Se 203.985	1.02501	mg/L	0.040453	3.9	194.207	1.02501 mg/L	Y 371.029
Si 250.690	0.999747	mg/L	0.006348	0.6	1378.39	0.999747 mg/L	Y 371.029
Si 251.611	0.989628	mg/L	0.007125	0.7	1598.40	0.989628 mg/L	Y 371.029
Si 288.158	0.966086	mg/L	0.002318	0.2	8464.13	0.966086 mg/L	Y 371.029
Sn 189.927	0.977961	mg/L	0.002868	0.3	302.055	0.977961 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.005717	0.5	2108.07	uncal mg/L	Y 371.029
Sr 216.596	0.520000	mg/L	0.000694	0.1	4984.78	0.520000 mg/L	Y 371.029
Sr 407.771	0.480443	mg/L	0.004758	1.0	1185752	0.480443 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.473720	mg/L	0.001442	0.3	737772	0.473720 mg/L	Y 371.029
Ti 334.941	0.480662	mg/L	0.000693	0.1	97814.0	0.480662 mg/L	Y 371.029
Ti 336.122	0.486967	mg/L	0.001229	0.3	42317.8	0.486967 mg/L	Y 371.029
Ti 337.280	0.497876	mg/L	0.001642	0.3	14949.9	0.497876 mg/L	Y 371.029
Tl 190.794	0.504054	mg/L	0.003424	0.7	191.209	0.504054 mg/L	Y 371.029
Tl 190.807	0.511860	mg/L	0.005628	1.1	104.123	0.511860 mg/L	Y 371.029
Tl 351.923	0.476635	mg/L	0.011975	2.5	683.677	0.476635 mg/L	Y 371.029
V 268.796	0.518972	mg/L	0.003898	0.8	5446.15	0.518972 mg/L	Y 371.029
V 292.401	0.512348	mg/L	0.000352	0.1	16789.0	0.512348 mg/L	Y 371.029
V 311.837	0.515613	mg/L	0.000446	0.1	22974.3	0.515613 mg/L	Y 371.029
Zn 202.548	0.528125	mg/L	0.001083	0.2	6431.26	0.528125 mg/L	Y 371.029
Zn 206.200	0.526245	mg/L	0.006555	1.2	2001.94	0.526245 mg/L	Y 371.029
Zn 213.857	0.513179	mg/L	0.009882	1.9	10500.5	0.513179 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23995	9942.89	44.421	0.4
Y 371.029	0.874379	144191	703.182	0.5

SEQ-CCBA (Samp) **4/7/2011, 1:24:39 PM** **Rack 3, Tube 46**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.014394uv	mg/L	0.000385	2.7	791.133	-0.014394 mg/L	Y 371.029
Ag 338.289	-0.011386uv	mg/L	0.000561	4.9	-2.12372	-0.011386 mg/L	Y 371.029
Al 237.312	0.010755	mg/L	0.000913	8.5	74.8051	0.010755 mg/L	Y 371.029
Al 257.509	0.005944	mg/L	0.003680	61.9	17.0033	0.005944 mg/L	Y 371.029
Al 308.215	-0.007941uv	mg/L	0.000787	9.9	905.244	-0.007941 mg/L	Y 371.029
As 188.980	0.006652	mg/L	0.002109	31.7	7.97678	0.006652 mg/L	Y 371.029
As 193.696	0.005948	mg/L	0.004274	71.8	3.69317	0.005948 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002394	50.5	19.1084	uncal mg/L	Y 371.029
B 182.577	0.003972	mg/L	0.001304	32.8	6.74990	0.003972 mg/L	Y 371.029
B 249.678	0.006754	mg/L	0.002365	35.0	82.1692	0.006754 mg/L	Y 371.029
B 249.772	0.007550	mg/L	0.001830	24.2	189.657	0.007550 mg/L	Y 371.029
Ba 233.527	0.000086	mg/L	0.000075	87.3	199.053	0.000086 mg/L	Y 371.029
Ba 455.403	0.000081	mg/L	0.000018	22.4	4158.51	0.000081 mg/L	Y 371.029
Ba 493.408	-0.000086uv	mg/L	0.000007	8.6	2465.68	-0.000086 mg/L	Y 371.029
Be 234.861	0.000137	mg/L	0.000015	10.7	3.45010	0.000137 mg/L	Y 371.029
Be 313.042	0.000203	mg/L	0.000009	4.4	1650.89	0.000203 mg/L	Y 371.029
Be 313.107	0.000028	mg/L	0.000010	37.0	94.2287	0.000028 mg/L	Y 371.029
Ca 393.366	-0.002715nuv	mg/L	0.000060	2.2	16697.6	-0.002715 mg/L	Y 371.029
Ca 396.847	-0.002007uv	mg/L	0.000059	2.9	23013.3	-0.002007 mg/L	Y 371.029
Ca 430.253	-0.017387uv	mg/L	0.002720	15.6	1292.67	-0.017387 mg/L	Y 371.029
Cd 214.439	0.000297	mg/L	0.000149	50.3	4.84347	0.000297 mg/L	Y 371.029
Cd 226.502	0.000079uv	mg/L	0.000149	188.4	21.0721	0.000079 mg/L	Y 371.029
Cd 228.802	0.000254	mg/L	0.000117	46.0	27.2337	0.000254 mg/L	Y 371.029
Co 228.615	0.000052uv	mg/L	0.000635	1216.1	12.8140	0.000052 mg/L	Y 371.029
Co 230.786	0.000870	mg/L	0.000305	35.1	14.1979	0.000870 mg/L	Y 371.029
Co 238.892	0.000236uv	mg/L	0.000375	158.8	8.25310	0.000236 mg/L	Y 371.029
Cr 205.560	-0.000279uv	mg/L	0.000651	233.6	5.02680	-0.000279 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000942	18033.6	1.79522	uncal mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.000074uv	mg/L	0.000258	349.1	24.3711	0.000074 mg/L	Y 371.029
Cu 213.598	0.000152	mg/L	0.000108	70.7	3.40086	0.000152 mg/L	Y 371.029
Cu 324.754	0.000758	mg/L	0.000228	30.1	608.296	0.000758 mg/L	Y 371.029
Cu 327.395	0.000207uv	mg/L	0.000408	197.4	32.6552	0.000207 mg/L	Y 371.029
Fe 234.350	-0.000290uv	mg/L	0.000391	134.6	11.8703	-0.000290 mg/L	Y 371.029
Fe 238.204	0.000939	mg/L	0.000343	36.5	43.7808	0.000939 mg/L	Y 371.029
Fe 259.940	0.000599	mg/L	0.000298	49.6	53.3548	0.000599 mg/L	Y 371.029
Ga 287.423	0.001609uv	mg/L	0.005044	313.4	16.2385	0.001609 mg/L	Y 371.029
Ga 294.363	-0.001550uv	mg/L	0.000380	24.5	12.6127	-0.001550 mg/L	Y 371.029
Ga 417.204	0.002790	mg/L	0.000675	24.2	106.840	0.002790 mg/L	Y 371.029
K 766.491	0.002147	mg/L	0.000116	5.4	2405.91	0.002147 mg/L	Y 371.029
K 769.897	0.012707	mg/L	0.001386	10.9	13630.2	0.012707 mg/L	Y 371.029
Li 610.365	0.005216	mg/L	0.000178	3.4	25.8084	0.005216 mg/L	Y 371.029
Li 670.783	0.001208	mg/L	0.000025	2.1	76306.5	0.001208 mg/L	Y 371.029
Mg 279.078	0.003670	mg/L	0.001323	36.1	21.3980	0.003670 mg/L	Y 371.029
Mg 280.270	-0.001545uv	mg/L	0.000055	3.6	336.162	-0.001545 mg/L	Y 371.029
Mg 285.213	0.000189	mg/L	0.000147	77.6	87.3070	0.000189 mg/L	Y 371.029
Mn 257.610	-0.000067uv	mg/L	0.000009	13.4	0.099608	-0.000067 mg/L	Y 371.029
Mn 259.372	0.000051	mg/L	0.000055	108.0	66.1044	0.000051 mg/L	Y 371.029
Mn 260.568	0.000194	mg/L	0.000063	32.7	8.01096	0.000194 mg/L	Y 371.029
Mo 202.032	0.030132	mg/L	0.002629	8.7	129.832	0.030132 mg/L	Y 371.029
Mo 203.846	0.030166	mg/L	0.004186	13.9	49.2059	0.030166 mg/L	Y 371.029
Mo 204.598	0.031936	mg/L	0.003787	11.9	54.3905	0.031936 mg/L	Y 371.029
Na 568.821	0.339854	mg/L	0.032159	9.5	210.590	0.339854 mg/L	Y 371.029
Na 588.995	-0.131467uv	mg/L	0.001375	1.0	226434	-0.131467 mg/L	Y 371.029
Na 589.592	-0.002705uv	mg/L	0.000241	8.9	78163.0	-0.002705 mg/L	Y 371.029
Ni 216.555	0.000785	mg/L	0.000317	40.3	6.63194	0.000785 mg/L	Y 371.029
Ni 221.648	0.001066	mg/L	0.000354	33.2	5.07046	0.001066 mg/L	Y 371.029
Ni 231.604	-0.000042uv	mg/L	0.000409	968.4	7.84250	-0.000042 mg/L	Y 371.029
P 177.434	0.004364uv	mg/L	0.006338	145.2	2.65235	0.004364 mg/L	Y 371.029
P 213.618	-0.000688uv	mg/L	0.001359	197.5	0.375841	-0.000688 mg/L	Y 371.029
P 214.914	0.000917uv	mg/L	0.006974	760.4	2.25415	0.000917 mg/L	Y 371.029
Pb 220.353	0.002201	mg/L	0.001476	67.0	6.95654	0.002201 mg/L	Y 371.029
Pb 261.417	0.017071	mg/L	0.008769	51.4	30.2082	0.017071 mg/L	Y 371.029
Pb 405.781	0.006505	mg/L	0.002682	41.2	45.1836	0.006505 mg/L	Y 371.029
Sb 206.834	0.044619	mg/L	0.006235	14.0	37.5869	0.044619 mg/L	Y 371.029
Sb 231.146	0.057068	mg/L	0.010680	18.7	32.5128	0.057068 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.004020	7.0	29.0635	uncal mg/L	Y 371.029
Se 196.026	0.016813	mg/L	0.005680	33.8	11.3872	0.016813 mg/L	Y 371.029
Se 203.985	0.004034uv	mg/L	0.004110	101.9	3.91094	0.004034 mg/L	Y 371.029
Si 250.690	-0.015735uv	mg/L	0.003334	21.2	21.1163	-0.015735 mg/L	Y 371.029
Si 251.611	-0.003462uv	mg/L	0.000695	20.1	19.1123	-0.003462 mg/L	Y 371.029
Si 288.158	-0.001055uv	mg/L	0.000558	52.9	875.275	-0.001055 mg/L	Y 371.029
Sn 189.927	0.003513	mg/L	0.001048	29.8	4.47620	0.003513 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003952	43.5	19.1195	uncal mg/L	Y 371.029
Sr 216.596	0.000020uv	mg/L	0.000023	117.9	21.1036	0.000020 mg/L	Y 371.029
Sr 407.771	-0.000028uv	mg/L	0.000002	8.7	5411.88	-0.000028 mg/L	Y 371.029
Sr 421.552	-0.000052uv	mg/L	0.000013	25.0	3074.18	-0.000052 mg/L	Y 371.029
Ti 334.941	0.001124	mg/L	0.000139	12.3	333.473	0.001124 mg/L	Y 371.029
Ti 336.122	0.000814	mg/L	0.000397	48.7	113.662	0.000814 mg/L	Y 371.029
Ti 337.280	0.002021	mg/L	0.000996	49.3	57.3299	0.002021 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.003301	mg/L	0.001659	50.3	1.77917	0.003301 mg/L	Y 371.029
Tl 190.807	0.000795uv	mg/L	0.002857	359.4	1.61016	0.000795 mg/L	Y 371.029
Tl 351.923	0.002509uv	mg/L	0.008018	319.6	19.6530	0.002509 mg/L	Y 371.029
V 268.796	0.001548	mg/L	0.001289	83.3	78.1097	0.001548 mg/L	Y 371.029
V 292.401	-0.000130uv	mg/L	0.000173	133.0	25.3364	-0.000130 mg/L	Y 371.029
V 311.837	0.001117	mg/L	0.000049	4.4	16.8710	0.001117 mg/L	Y 371.029
Zn 202.548	0.003910	mg/L	0.000077	2.0	794.908	0.003910 mg/L	Y 371.029
Zn 206.200	0.004204	mg/L	0.000671	16.0	251.848	0.004204 mg/L	Y 371.029
Zn 213.857	0.002626	mg/L	0.000119	4.5	1296.88	0.002626 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24920	10017.0	20.689	0.2
Y 371.029	0.884247	145819	319.756	0.2

11C1255-46 (Samp) **4/7/2011, 1:27:38 PM** **Rack 3, Tube 47**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015725uv	mg/L	0.000554	3.5	819.477	-0.157253 mg/L	Y 371.029
Ag 338.289	-0.011279uv	mg/L	0.002237	19.8	-1.52970	-0.112786 mg/L	Y 371.029
Al 237.312	-0.001530	mg/L	0.004590	300.0	66.4729	-0.015302 mg/L	Y 371.029
Al 257.509	0.005967	mg/L	0.005996	100.5	25.7515	0.059669 mg/L	Y 371.029
Al 308.215	0.014660uv	mg/L	0.001300	8.9	956.623	0.146605 mg/L	Y 371.029
As 188.980	0.015429	mg/L	0.006605	42.8	9.48991	0.154285 mg/L	Y 371.029
As 193.696	0.007373	mg/L	0.003698	50.2	2.94433	0.073733 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005518	124.7	10.9962	uncal mg/L	Y 371.029
B 182.577	0.009521	mg/L	0.001866	19.6	9.74622	0.095208 mg/L	Y 371.029
B 249.678	0.010245	mg/L	0.000770	7.5	126.451	0.102452 mg/L	Y 371.029
B 249.772	0.010743	mg/L	0.000376	3.5	277.577	0.107427 mg/L	Y 371.029
Ba 233.527	0.012566	mg/L	0.000270	2.1	720.182	0.125665 mg/L	Y 371.029
Ba 455.403	0.012800	mg/L	0.000112	0.9	15576.1	0.127996 mg/L	Y 371.029
Ba 493.408	0.012238	mg/L	0.000089	0.7	9165.96	0.122378 mg/L	Y 371.029
Be 234.861	0.000310	mg/L	0.000042	13.6	19.1264	0.003102 mg/L	Y 371.029
Be 313.042	0.000653	mg/L	0.000006	0.9	2390.62	0.006527 mg/L	Y 371.029
Be 313.107	0.000428	mg/L	0.000014	3.2	425.672	0.004279 mg/L	Y 371.029
Ca 393.366	4.49571n	mg/L	0.063963	1.4	5788810	44.9571 mg/L	Y 371.029
Ca 396.847	4.05441	mg/L	0.057842	1.4	8042888	40.5441 mg/L	Y 371.029
Ca 430.253	4.83239	mg/L	0.079054	1.6	23196.0	48.3239 mg/L	Y 371.029
Cd 214.439	0.000242	mg/L	0.000142	58.7	3.65950	0.002416 mg/L	Y 371.029
Cd 226.502	0.000071	mg/L	0.000028	38.6	26.4232	0.000712 mg/L	Y 371.029
Cd 228.802	0.000321	mg/L	0.000109	33.9	27.6337	0.003209 mg/L	Y 371.029
Co 228.615	0.000463uv	mg/L	0.000592	128.0	16.1112	0.004626 mg/L	Y 371.029
Co 230.786	0.000299	mg/L	0.000287	96.0	11.3460	0.002987 mg/L	Y 371.029
Co 238.892	-0.000097uv	mg/L	0.000177	183.0	3.48785	-0.000969 mg/L	Y 371.029
Cr 205.560	-0.000790uv	mg/L	0.000204	25.9	4.67588	-0.007897 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000427	31.0	0.471224	uncal mg/L	Y 371.029
Cr 267.716	-0.000271uv	mg/L	0.000207	76.5	27.6266	-0.002709 mg/L	Y 371.029
Cu 213.598	-0.001732uv	mg/L	0.000528	30.5	3.78798	-0.017318 mg/L	Y 371.029
Cu 324.754	0.002987	mg/L	0.000511	17.1	620.034	0.029867 mg/L	Y 371.029
Cu 327.395	-0.000526uv	mg/L	0.000276	52.5	34.7367	-0.005264 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	1.03375	mg/L	0.017021	1.6	9443.44	10.3375 mg/L	Y 371.029
Fe 238.204	1.04660	mg/L	0.004695	0.4	20417.1	10.4660 mg/L	Y 371.029
Fe 259.940	1.03489	mg/L	0.014600	1.4	16109.6	10.3489 mg/L	Y 371.029
Ga 287.423	-0.004707uv	mg/L	0.006702	142.4	24.3173	-0.047067 mg/L	Y 371.029
Ga 294.363	-0.000574uv	mg/L	0.000617	107.5	24.8718	-0.005737 mg/L	Y 371.029
Ga 417.204	0.002464	mg/L	0.001054	42.8	110.053	0.024636 mg/L	Y 371.029
K 766.491	1.53412	mg/L	0.023111	1.5	118635	15.3412 mg/L	Y 371.029
K 769.897	1.49949	mg/L	0.024818	1.7	100683	14.9949 mg/L	Y 371.029
Li 610.365	0.005373	mg/L	0.000266	4.9	33.4250	0.053734 mg/L	Y 371.029
Li 670.783	0.002794	mg/L	0.000178	6.4	85942.9	0.027943 mg/L	Y 371.029
Mg 279.078	8.36921	mg/L	0.123581	1.5	14700.6	83.6921 mg/L	Y 371.029
Mg 280.270	9.48789	mg/L	0.094779	1.0	862275	94.8789 mg/L	Y 371.029
Mg 285.213	8.79525	mg/L	0.204279	2.3	312008	87.9525 mg/L	Y 371.029
Mn 257.610	0.614002	mg/L	0.005307	0.9	93103.5	6.14002 mg/L	Y 371.029
Mn 259.372	0.621201	mg/L	0.014220	2.3	70731.8	6.21201 mg/L	Y 371.029
Mn 260.568	0.620754	mg/L	0.008785	1.4	12447.2	6.20754 mg/L	Y 371.029
Mo 202.032	-0.027886	mg/L	0.001518	5.4	72.0169	-0.278858 mg/L	Y 371.029
Mo 203.846	-0.030052	mg/L	0.002938	9.8	25.3290	-0.300521 mg/L	Y 371.029
Mo 204.598	-0.030994	mg/L	0.001953	6.3	22.5185	-0.309940 mg/L	Y 371.029
Na 568.821	72.9923	mg/L	0.913919	1.3	20013.9	729.923 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.638454	1.3	30759400	- mg/L	Y 371.029
Na 589.592	64.1600	mg/L	0.906185	1.4	21421056	641.600 mg/L	Y 371.029
Ni 216.555	-0.000304	mg/L	0.000727	238.9	6.70085	-0.003043 mg/L	Y 371.029
Ni 221.648	-0.001124uv	mg/L	0.000436	38.8	3.00844	-0.011236 mg/L	Y 371.029
Ni 231.604	-0.000592uv	mg/L	0.000591	99.8	10.0001	-0.005921 mg/L	Y 371.029
P 177.434	0.011929uv	mg/L	0.013850	116.1	3.51220	0.119289 mg/L	Y 371.029
P 213.618	-0.002225	mg/L	0.003774	169.6	3.66718	-0.022253 mg/L	Y 371.029
P 214.914	0.007147	mg/L	0.005604	78.4	3.67142	0.071468 mg/L	Y 371.029
Pb 220.353	0.000636	mg/L	0.001267	199.3	5.66768	0.006356 mg/L	Y 371.029
Pb 261.417	-0.012345uv	mg/L	0.020703	167.7	23.4227	-0.123451 mg/L	Y 371.029
Pb 405.781	-0.008682	mg/L	0.001492	17.2	42.2357	-0.086815 mg/L	Y 371.029
Sb 206.834	0.015620	mg/L	0.002788	17.9	23.5416	0.156198 mg/L	Y 371.029
Sb 231.146	0.035126	mg/L	0.013088	37.3	20.0528	0.351256 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.012252	114.6	10.2209	uncal mg/L	Y 371.029
Se 196.026	0.004297	mg/L	0.003430	79.8	7.07730	0.042970 mg/L	Y 371.029
Se 203.985	0.004504uv	mg/L	0.010651	236.5	3.23533	0.045037 mg/L	Y 371.029
Si 250.690	2.04342	mg/L	0.026793	1.3	2760.42	20.4342 mg/L	Y 371.029
Si 251.611	2.03096	mg/L	0.034951	1.7	3211.43	20.3096 mg/L	Y 371.029
Si 288.158	1.95014	mg/L	0.018994	1.0	16189.3	19.5014 mg/L	Y 371.029
Sn 189.927	0.001720	mg/L	0.002516	146.3	4.25087	0.017198 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.009077	72.2	20.6544	uncal mg/L	Y 371.029
Sr 216.596	0.046982	mg/L	0.000640	1.4	472.370	0.469821 mg/L	Y 371.029
Sr 407.771	0.043642	mg/L	0.000585	1.3	113104	0.436417 mg/L	Y 371.029
Sr 421.552	0.042900	mg/L	0.000608	1.4	69967.6	0.429003 mg/L	Y 371.029
Ti 334.941	0.000386	mg/L	0.000106	27.4	199.943	0.003856 mg/L	Y 371.029
Ti 336.122	0.000028	mg/L	0.000056	202.3	56.3355	0.000276 mg/L	Y 371.029
Ti 337.280	0.000514	mg/L	0.000228	44.4	22.5709	0.005136 mg/L	Y 371.029
Tl 190.794	0.004773	mg/L	0.000749	15.7	2.28987	0.047725 mg/L	Y 371.029
Tl 190.807	0.004960uv	mg/L	0.006079	122.6	2.52145	0.049597 mg/L	Y 371.029
Tl 351.923	0.015982	mg/L	0.007860	49.2	34.5037	0.159815 mg/L	Y 371.029
V 268.796	-0.004838	mg/L	0.000445	9.2	57.4065	-0.048381 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	-0.000336uv	mg/L	0.000175	52.1	29.5729	-0.003361 mg/L	Y 371.029
V 311.837	0.000996	mg/L	0.000053	5.3	20.1468	0.009961 mg/L	Y 371.029
Zn 202.548	-0.003731	mg/L	0.000826	22.1	810.494	-0.037312 mg/L	Y 371.029
Zn 206.200	-0.003222	mg/L	0.000961	29.8	258.293	-0.032216 mg/L	Y 371.029
Zn 213.857	-0.004127	mg/L	0.000219	5.3	1345.26	-0.041269 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.20323	9648.47	139.348	1.4
Y 371.029	0.845165	139374	2079.543	1.5

11C1255-47 (Samp) **4/7/2011, 1:31:31 PM** **Rack 3, Tube 48**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015003uv	mg/L	0.000522	3.5	782.882	-0.150027 mg/L	Y 371.029
Ag 338.289	-0.009419uv	mg/L	0.000846	9.0	3.84591	-0.094192 mg/L	Y 371.029
Al 237.312	0.002068uv	mg/L	0.005396	260.9	61.7609	0.020680 mg/L	Y 371.029
Al 257.509	0.009994uv	mg/L	0.025956	259.7	20.6407	0.099945 mg/L	Y 371.029
Al 308.215	0.002508uv	mg/L	0.000715	28.5	930.849	0.025079 mg/L	Y 371.029
As 188.980	0.003949uv	mg/L	0.003134	79.4	6.54171	0.039493 mg/L	Y 371.029
As 193.696	0.006082	mg/L	0.001859	30.6	3.58801	0.060817 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002330	11.5	2.62522	uncal mg/L	Y 371.029
B 182.577	0.009786	mg/L	0.002877	29.4	9.97624	0.097856 mg/L	Y 371.029
B 249.678	0.000372	mg/L	0.000711	191.2	32.5245	0.003718 mg/L	Y 371.029
B 249.772	0.005419	mg/L	0.000142	2.6	313.412	0.054188 mg/L	Y 371.029
Ba 233.527	0.001664	mg/L	0.000126	7.5	277.516	0.016641 mg/L	Y 371.029
Ba 455.403	0.001776	mg/L	0.000024	1.3	5837.93	0.017757 mg/L	Y 371.029
Ba 493.408	0.001592	mg/L	0.000070	4.4	3513.78	0.015922 mg/L	Y 371.029
Be 234.861	0.000626	mg/L	0.000052	8.4	6.27566	0.006260 mg/L	Y 371.029
Be 313.042	0.000262	mg/L	0.000012	4.6	1749.66	0.002616 mg/L	Y 371.029
Be 313.107	0.000097	mg/L	0.000018	18.8	154.160	0.000968 mg/L	Y 371.029
Ca 393.366	4.60161n	mg/L	0.045173	1.0	5921720	46.0161 mg/L	Y 371.029
Ca 396.847	4.16708	mg/L	0.023934	0.6	8262285	41.6708 mg/L	Y 371.029
Ca 430.253	4.90323	mg/L	0.038834	0.8	23359.4	49.0323 mg/L	Y 371.029
Cd 214.439	0.000372	mg/L	0.000050	13.4	7.97492	0.003724 mg/L	Y 371.029
Cd 226.502	0.000340	mg/L	0.000116	34.2	57.4232	0.003404 mg/L	Y 371.029
Cd 228.802	0.000058uv	mg/L	0.000222	380.3	22.8525	0.000584 mg/L	Y 371.029
Co 228.615	0.016769	mg/L	0.000314	1.9	215.231	0.167687 mg/L	Y 371.029
Co 230.786	0.017080	mg/L	0.000266	1.6	152.760	0.170795 mg/L	Y 371.029
Co 238.892	0.018624	mg/L	0.001425	7.6	52.2374	0.186244 mg/L	Y 371.029
Cr 205.560	-0.001973uv	mg/L	0.000376	19.1	4.90429	-0.019730 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001051	104.9	3.00622	uncal mg/L	Y 371.029
Cr 267.716	-0.001424	mg/L	0.000100	7.0	27.7341	-0.014243 mg/L	Y 371.029
Cu 213.598	-0.003081	mg/L	0.000206	6.7	13.5995	-0.030814 mg/L	Y 371.029
Cu 324.754	-0.001109uv	mg/L	0.000509	45.9	580.957	-0.011090 mg/L	Y 371.029
Cu 327.395	-0.002363uv	mg/L	0.000389	16.5	33.1024	-0.023629 mg/L	Y 371.029
Fe 234.350	9.65150	mg/L	0.231436	2.4	87116.6	96.5150 mg/L	Y 371.029
Fe 238.204	9.81286	mg/L	0.228254	2.3	188858	98.1286 mg/L	Y 371.029
Fe 259.940	9.72392	mg/L	0.079558	0.8	149642	97.2392 mg/L	Y 371.029
Ga 287.423	-0.043209	mg/L	0.005340	12.4	96.7316	-0.432091 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	-0.001645uv	mg/L	0.000921	56.0	20.3152	-0.016451 mg/L	Y 371.029
Ga 417.204	0.001184	mg/L	0.001086	91.7	119.291	0.011839 mg/L	Y 371.029
K 766.491	0.158087	mg/L	0.001297	0.8	14354.3	1.58087 mg/L	Y 371.029
K 769.897	0.170626	mg/L	0.003402	2.0	23001.3	1.70626 mg/L	Y 371.029
Li 610.365	0.005361	mg/L	0.000196	3.7	32.8272	0.053610 mg/L	Y 371.029
Li 670.783	0.003088	mg/L	0.000052	1.7	85341.0	0.030878 mg/L	Y 371.029
Mg 279.078	7.69795	mg/L	0.064320	0.8	13528.0	76.9795 mg/L	Y 371.029
Mg 280.270	8.77316	mg/L	0.036767	0.4	797249	87.7316 mg/L	Y 371.029
Mg 285.213	8.11265	mg/L	0.095205	1.2	287758	81.1265 mg/L	Y 371.029
Mn 257.610	0.213390	mg/L	0.002079	1.0	32442.5	2.13390 mg/L	Y 371.029
Mn 259.372	0.206961	mg/L	0.001573	0.8	25366.6	2.06961 mg/L	Y 371.029
Mn 260.568	0.213915	mg/L	0.000944	0.4	4334.64	2.13915 mg/L	Y 371.029
Mo 202.032	0.000630	mg/L	0.001413	224.1	47.1670	0.006303 mg/L	Y 371.029
Mo 203.846	0.000317	mg/L	0.001952	615.2	16.7300	0.003173 mg/L	Y 371.029
Mo 204.598	0.000500	mg/L	0.001492	298.5	12.9519	0.005000 mg/L	Y 371.029
Na 568.821	12.7118	mg/L	0.176769	1.4	3591.05	127.118 mg/L	Y 371.029
Na 588.995	13.1705	mg/L	0.115020	0.9	8224210	131.705 mg/L	Y 371.029
Na 589.592	13.0489	mg/L	0.211783	1.6	4421091	130.489 mg/L	Y 371.029
Ni 216.555	0.016381	mg/L	0.000127	0.8	147.179	0.163811 mg/L	Y 371.029
Ni 221.648	0.016072	mg/L	0.001090	6.8	58.4085	0.160718 mg/L	Y 371.029
Ni 231.604	0.017758	mg/L	0.001202	6.8	105.465	0.177581 mg/L	Y 371.029
P 177.434	-0.003158uv	mg/L	0.001718	54.4	1.66136	-0.031581 mg/L	Y 371.029
P 213.618	0.000547	mg/L	0.000577	105.6	3.30264	0.005467 mg/L	Y 371.029
P 214.914	0.003278	mg/L	0.007371	224.9	4.25298	0.032780 mg/L	Y 371.029
Pb 220.353	0.002338	mg/L	0.001570	67.1	7.50535	0.023378 mg/L	Y 371.029
Pb 261.417	-0.003999uv	mg/L	0.003008	75.2	19.2264	-0.039995 mg/L	Y 371.029
Pb 405.781	0.004542	mg/L	0.007790	171.5	50.4512	0.045424 mg/L	Y 371.029
Sb 206.834	0.010942	mg/L	0.001013	9.3	17.6717	0.109423 mg/L	Y 371.029
Sb 231.146	0.011871	mg/L	0.004429	37.3	11.3336	0.118712 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.014316	72.3	13.3172	uncal mg/L	Y 371.029
Se 196.026	-0.000393uv	mg/L	0.001762	448.6	5.66230	-0.003928 mg/L	Y 371.029
Se 203.985	0.003418uv	mg/L	0.013557	396.7	3.22857	0.034178 mg/L	Y 371.029
Si 250.690	1.90365	mg/L	0.014001	0.7	2573.56	19.0365 mg/L	Y 371.029
Si 251.611	1.87932	mg/L	0.015598	0.8	2968.81	18.7932 mg/L	Y 371.029
Si 288.158	1.81145	mg/L	0.000791	0.0	15118.2	18.1145 mg/L	Y 371.029
Sn 189.927	-0.000705uv	mg/L	0.001765	250.5	3.34474	-0.007045 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.002243	12.9	12.9717	uncal mg/L	Y 371.029
Sr 216.596	0.023925	mg/L	0.000511	2.1	270.685	0.239254 mg/L	Y 371.029
Sr 407.771	0.024159	mg/L	0.000162	0.7	65183.1	0.241591 mg/L	Y 371.029
Sr 421.552	0.023673	mg/L	0.000139	0.6	40110.5	0.236728 mg/L	Y 371.029
Ti 334.941	-0.000340	mg/L	0.000089	26.2	146.002	-0.003395 mg/L	Y 371.029
Ti 336.122	-0.000320	mg/L	0.000147	45.9	58.4148	-0.003195 mg/L	Y 371.029
Ti 337.280	0.000638	mg/L	0.000615	96.4	33.7652	0.006378 mg/L	Y 371.029
Tl 190.794	0.008532	mg/L	0.003154	37.0	3.90366	0.085322 mg/L	Y 371.029
Tl 190.807	-0.000711uv	mg/L	0.005726	805.8	1.14280	-0.007106 mg/L	Y 371.029
Tl 351.923	0.000979uv	mg/L	0.006575	671.3	16.6792	0.009794 mg/L	Y 371.029
V 268.796	-0.002224	mg/L	0.000431	19.4	42.1372	-0.022238 mg/L	Y 371.029
V 292.401	-0.001361	mg/L	0.000131	9.6	41.5694	-0.013613 mg/L	Y 371.029
V 311.837	-0.000148	mg/L	0.000071	48.2	22.6227	-0.001477 mg/L	Y 371.029
Zn 202.548	0.018478	mg/L	0.000777	4.2	981.890	0.184781 mg/L	Y 371.029
Zn 206.200	0.019530	mg/L	0.000615	3.2	313.918	0.195297 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.018859	mg/L	0.000609	3.2	1658.88	0.188594 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.19875	9612.53	62.946	0.7
Y 371.029	0.846566	139605	890.257	0.6

11C1255-48 (Samp) **4/7/2011, 1:53:14 PM** **Rack 3, Tube 49**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015401uv	mg/L	0.000594	3.9	763.411	-0.154007 mg/L	Y 371.029
Ag 338.289	-0.009522uv	mg/L	0.001024	10.8	3.53313	-0.095216 mg/L	Y 371.029
Al 237.312	-0.000140uv	mg/L	0.003039	2168.5	58.9555	-0.001402 mg/L	Y 371.029
Al 257.509	0.005623uv	mg/L	0.012544	223.1	18.0125	0.056228 mg/L	Y 371.029
Al 308.215	0.005254uv	mg/L	0.001581	30.1	947.421	0.052541 mg/L	Y 371.029
As 188.980	0.007438	mg/L	0.004669	62.8	7.89162	0.074375 mg/L	Y 371.029
As 193.696	0.004778	mg/L	0.002849	59.6	3.00404	0.047778 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010421	362.2	16.5276	uncal mg/L	Y 371.029
B 182.577	0.008497	mg/L	0.002920	34.4	9.31821	0.084975 mg/L	Y 371.029
B 249.678	-0.000693uv	mg/L	0.000647	93.3	22.8793	-0.006933 mg/L	Y 371.029
B 249.772	0.003666	mg/L	0.000395	10.8	278.430	0.036657 mg/L	Y 371.029
Ba 233.527	0.001772	mg/L	0.000236	13.3	281.834	0.017720 mg/L	Y 371.029
Ba 455.403	0.001767	mg/L	0.000010	0.6	5830.36	0.017672 mg/L	Y 371.029
Ba 493.408	0.001553	mg/L	0.000062	4.0	3492.45	0.015531 mg/L	Y 371.029
Be 234.861	0.000633	mg/L	0.000053	8.3	7.77945	0.006327 mg/L	Y 371.029
Be 313.042	0.000292	mg/L	0.000005	1.7	1801.47	0.002924 mg/L	Y 371.029
Be 313.107	0.000119	mg/L	0.000009	7.3	172.323	0.001192 mg/L	Y 371.029
Ca 393.366	4.53061n	mg/L	0.018214	0.4	5830720	45.3061 mg/L	Y 371.029
Ca 396.847	4.14158	mg/L	0.018923	0.5	8211914	41.4158 mg/L	Y 371.029
Ca 430.253	4.87753	mg/L	0.052692	1.1	23244.3	48.7753 mg/L	Y 371.029
Cd 214.439	0.000378	mg/L	0.000149	39.3	8.07115	0.003776 mg/L	Y 371.029
Cd 226.502	0.000203	mg/L	0.000110	53.9	51.6641	0.002033 mg/L	Y 371.029
Cd 228.802	0.000040uv	mg/L	0.000266	671.1	22.5826	0.000397 mg/L	Y 371.029
Co 228.615	0.017863	mg/L	0.000494	2.8	225.275	0.178629 mg/L	Y 371.029
Co 230.786	0.017332	mg/L	0.000701	4.0	153.983	0.173319 mg/L	Y 371.029
Co 238.892	0.021170	mg/L	0.002542	12.0	68.3800	0.211702 mg/L	Y 371.029
Cr 205.560	-0.002152uv	mg/L	0.000245	11.4	4.04764	-0.021517 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000837	117.9	3.48037	uncal mg/L	Y 371.029
Cr 267.716	-0.001268	mg/L	0.000080	6.3	30.7014	-0.012685 mg/L	Y 371.029
Cu 213.598	-0.003355	mg/L	0.000372	11.1	12.0888	-0.033551 mg/L	Y 371.029
Cu 324.754	-0.001090uv	mg/L	0.000074	6.8	580.852	-0.010905 mg/L	Y 371.029
Cu 327.395	-0.001855	mg/L	0.000268	14.5	53.4857	-0.018552 mg/L	Y 371.029
Fe 234.350	9.52342	mg/L	0.072288	0.8	85961.7	95.2342 mg/L	Y 371.029
Fe 238.204	9.61060	mg/L	0.072354	0.8	184969	96.1060 mg/L	Y 371.029
Fe 259.940	9.55691	mg/L	0.315431	3.3	147073	95.5691 mg/L	Y 371.029
Ga 287.423	-0.047910	mg/L	0.004118	8.6	83.3350	-0.479097 mg/L	Y 371.029
Ga 294.363	-0.000410uv	mg/L	0.001124	274.2	28.0839	-0.004101 mg/L	Y 371.029
Ga 417.204	0.002685	mg/L	0.002253	83.9	133.223	0.026853 mg/L	Y 371.029
K 766.491	0.163145	mg/L	0.001427	0.9	14736.1	1.63145 mg/L	Y 371.029
K 769.897	0.174571	mg/L	0.007529	4.3	23228.9	1.74571 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.005203	mg/L	0.000229	4.4	25.1923	0.052027 mg/L	Y 371.029
Li 670.783	0.003221	mg/L	0.000158	4.9	85833.3	0.032207 mg/L	Y 371.029
Mg 279.078	7.70435	mg/L	0.062667	0.8	13539.2	77.0435 mg/L	Y 371.029
Mg 280.270	8.79113	mg/L	0.091604	1.0	798881	87.9113 mg/L	Y 371.029
Mg 285.213	8.16512	mg/L	0.113651	1.4	289619	81.6512 mg/L	Y 371.029
Mn 257.610	0.209152	mg/L	0.005114	2.4	31798.1	2.09152 mg/L	Y 371.029
Mn 259.372	0.202525	mg/L	0.005116	2.5	24839.4	2.02525 mg/L	Y 371.029
Mn 260.568	0.207663	mg/L	0.001852	0.9	4209.83	2.07663 mg/L	Y 371.029
Mo 202.032	-0.003578	mg/L	0.000417	11.7	32.3082	-0.035779 mg/L	Y 371.029
Mo 203.846	-0.002069	mg/L	0.001151	55.6	13.3630	-0.020692 mg/L	Y 371.029
Mo 204.598	-0.002475	mg/L	0.000300	12.1	7.88086	-0.024747 mg/L	Y 371.029
Na 568.821	12.7061	mg/L	0.244868	1.9	3589.49	127.061 mg/L	Y 371.029
Na 588.995	13.1115	mg/L	0.122877	0.9	8188760	131.115 mg/L	Y 371.029
Na 589.592	12.8238	mg/L	0.106120	0.8	4346198	128.238 mg/L	Y 371.029
Ni 216.555	0.017157	mg/L	0.000135	0.8	150.945	0.171566 mg/L	Y 371.029
Ni 221.648	0.017608	mg/L	0.000573	3.3	61.6398	0.176076 mg/L	Y 371.029
Ni 231.604	0.017987	mg/L	0.001004	5.6	105.911	0.179873 mg/L	Y 371.029
P 177.434	-0.001421uv	mg/L	0.002862	201.4	1.94460	-0.014215 mg/L	Y 371.029
P 213.618	-0.000095	mg/L	0.001123	1181.4	2.83138	-0.000951 mg/L	Y 371.029
P 214.914	0.003570	mg/L	0.010054	281.6	4.28667	0.035701 mg/L	Y 371.029
Pb 220.353	0.000992	mg/L	0.000601	60.5	5.75211	0.009922 mg/L	Y 371.029
Pb 261.417	-0.004927uv	mg/L	0.008759	177.8	18.7337	-0.049273 mg/L	Y 371.029
Pb 405.781	0.011757	mg/L	0.004943	42.0	60.3904	0.117574 mg/L	Y 371.029
Sb 206.834	0.001842uv	mg/L	0.005042	273.7	11.8343	0.018422 mg/L	Y 371.029
Sb 231.146	-0.000388uv	mg/L	0.006643	1711.9	5.45328	-0.003880 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.030893	190.3	14.5238	uncal mg/L	Y 371.029
Se 196.026	0.002159uv	mg/L	0.002677	124.0	6.48549	0.021588 mg/L	Y 371.029
Se 203.985	0.002957uv	mg/L	0.005000	169.1	3.15565	0.029567 mg/L	Y 371.029
Si 250.690	1.95043	mg/L	0.017324	0.9	2635.62	19.5043 mg/L	Y 371.029
Si 251.611	1.93516	mg/L	0.007488	0.4	3055.80	19.3516 mg/L	Y 371.029
Si 288.158	1.86510	mg/L	0.029934	1.6	15538.4	18.6510 mg/L	Y 371.029
Sn 189.927	-0.001989uv	mg/L	0.001240	62.3	2.95122	-0.019895 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.005014	39.0	18.8306	uncal mg/L	Y 371.029
Sr 216.596	0.024176	mg/L	0.000269	1.1	272.802	0.241758 mg/L	Y 371.029
Sr 407.771	0.024303	mg/L	0.000215	0.9	65535.5	0.243030 mg/L	Y 371.029
Sr 421.552	0.023800	mg/L	0.000265	1.1	40306.3	0.237996 mg/L	Y 371.029
Ti 334.941	-0.000513uv	mg/L	0.000202	39.3	109.456	-0.005133 mg/L	Y 371.029
Ti 336.122	-0.000612uv	mg/L	0.000145	23.8	32.5212	-0.006123 mg/L	Y 371.029
Ti 337.280	0.000927	mg/L	0.000214	23.1	42.2471	0.009268 mg/L	Y 371.029
Tl 190.794	0.002042uv	mg/L	0.003463	169.6	1.45670	0.020418 mg/L	Y 371.029
Tl 190.807	0.008460	mg/L	0.005616	66.4	2.95485	0.084597 mg/L	Y 371.029
Tl 351.923	-0.005940uv	mg/L	0.002891	48.7	7.00902	-0.059396 mg/L	Y 371.029
V 268.796	-0.002207	mg/L	0.000519	23.5	39.7128	-0.022075 mg/L	Y 371.029
V 292.401	-0.001434	mg/L	0.000208	14.5	38.4718	-0.014343 mg/L	Y 371.029
V 311.837	-0.000123	mg/L	0.000124	100.7	22.9022	-0.001227 mg/L	Y 371.029
Zn 202.548	0.020766	mg/L	0.000354	1.7	1005.97	0.207660 mg/L	Y 371.029
Zn 206.200	0.021964	mg/L	0.000285	1.3	322.012	0.219636 mg/L	Y 371.029
Zn 213.857	0.021041	mg/L	0.000673	3.2	1697.30	0.210410 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21817	9768.25	131.247	1.3
Y 371.029	0.859505	141738	2064.677	1.5

11C1255-49 (Samp) **4/7/2011, 1:57:28 PM** **Rack 3, Tube 50**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015719uv	mg/L	0.000529	3.4	782.105	-0.157195 mg/L	Y 371.029
Ag 338.289	-0.010062uv	mg/L	0.001025	10.2	2.07620	-0.100618 mg/L	Y 371.029
Al 237.312	-0.005301uv	mg/L	0.002046	38.6	47.0857	-0.053011 mg/L	Y 371.029
Al 257.509	-0.006107uv	mg/L	0.018511	303.1	14.1267	-0.061074 mg/L	Y 371.029
Al 308.215	0.006319uv	mg/L	0.000653	10.3	910.017	0.063189 mg/L	Y 371.029
As 188.980	0.007515	mg/L	0.001555	20.7	7.24209	0.075153 mg/L	Y 371.029
As 193.696	0.002299uv	mg/L	0.001808	78.7	1.46978	0.022986 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006093	76.0	8.61197	uncal mg/L	Y 371.029
B 182.577	0.009883	mg/L	0.002865	29.0	10.0309	0.098827 mg/L	Y 371.029
B 249.678	0.005659	mg/L	0.000465	8.2	87.0609	0.056590 mg/L	Y 371.029
B 249.772	0.014109	mg/L	0.000545	3.9	635.414	0.141087 mg/L	Y 371.029
Ba 233.527	0.007441	mg/L	0.000060	0.8	514.078	0.074410 mg/L	Y 371.029
Ba 455.403	0.007817	mg/L	0.000040	0.5	11084.3	0.078168 mg/L	Y 371.029
Ba 493.408	0.007324	mg/L	0.000094	1.3	6553.86	0.073244 mg/L	Y 371.029
Be 234.861	0.001112	mg/L	0.000049	4.4	9.03764	0.011124 mg/L	Y 371.029
Be 313.042	0.000192	mg/L	0.000003	1.7	1621.63	0.001923 mg/L	Y 371.029
Be 313.107	0.000021	mg/L	0.000020	92.4	92.2731	0.000211 mg/L	Y 371.029
Ca 393.366	2.85009n	mg/L	0.007532	0.3	3678471	28.5009 mg/L	Y 371.029
Ca 396.847	2.49331	mg/L	0.028986	1.2	4957966	24.9331 mg/L	Y 371.029
Ca 430.253	2.87456	mg/L	0.002649	0.1	14432.9	28.7456 mg/L	Y 371.029
Cd 214.439	0.000378	mg/L	0.000153	40.4	9.71977	0.003778 mg/L	Y 371.029
Cd 226.502	0.000409	mg/L	0.000080	19.6	85.2489	0.004090 mg/L	Y 371.029
Cd 228.802	-0.000013uv	mg/L	0.000500	3869.3	20.5474	-0.000129 mg/L	Y 371.029
Co 228.615	-0.008255uv	mg/L	0.000718	8.7	12.4703	-0.082549 mg/L	Y 371.029
Co 230.786	-0.009092uv	mg/L	0.001223	13.5	12.9234	-0.090923 mg/L	Y 371.029
Co 238.892	0.021254uv	mg/L	0.000573	2.7	2.43661	0.212541 mg/L	Y 371.029
Cr 205.560	-0.003577uv	mg/L	0.000343	9.6	4.90033	-0.035771 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001325	43.3	2.64898	uncal mg/L	Y 371.029
Cr 267.716	-0.003125uv	mg/L	0.000216	6.9	25.0952	-0.031253 mg/L	Y 371.029
Cu 213.598	-0.006705	mg/L	0.000138	2.1	22.3681	-0.067053 mg/L	Y 371.029
Cu 324.754	-0.002229uv	mg/L	0.000299	13.4	572.988	-0.022291 mg/L	Y 371.029
Cu 327.395	-0.004671uv	mg/L	0.000344	7.4	34.9517	-0.046707 mg/L	Y 371.029
Fe 234.350	19.1946	mg/L	0.364300	1.9	173184	191.946 mg/L	Y 371.029
Fe 238.204	19.3565	mg/L	0.232211	1.2	372406	193.565 mg/L	Y 371.029
Fe 259.940	19.3401	mg/L	0.172310	0.9	297566	193.401 mg/L	Y 371.029
Ga 287.423	-0.086680	mg/L	0.001257	1.4	178.588	-0.866796 mg/L	Y 371.029
Ga 294.363	-0.002378uv	mg/L	0.001437	60.4	26.6945	-0.023784 mg/L	Y 371.029
Ga 417.204	0.002251	mg/L	0.000380	16.9	162.624	0.022515 mg/L	Y 371.029
K 766.491	0.658618	mg/L	0.003526	0.5	52346.0	6.58618 mg/L	Y 371.029
K 769.897	0.646263	mg/L	0.001328	0.2	50945.4	6.46263 mg/L	Y 371.029
Li 610.365	0.005397	mg/L	0.000137	2.5	34.5555	0.053968 mg/L	Y 371.029
Li 670.783	0.002383	mg/L	0.000019	0.8	83436.2	0.023834 mg/L	Y 371.029
Mg 279.078	4.67540	mg/L	0.015447	0.3	8226.27	46.7540 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	5.47093	mg/L	0.023512	0.4	497430	54.7093 mg/L	Y 371.029
Mg 285.213	4.87484	mg/L	0.022254	0.5	172968	48.7484 mg/L	Y 371.029
Mn 257.610	0.437110	mg/L	0.004450	1.0	66432.5	4.37110 mg/L	Y 371.029
Mn 259.372	0.424725	mg/L	0.004220	1.0	51771.1	4.24725 mg/L	Y 371.029
Mn 260.568	0.427332	mg/L	0.001895	0.4	8580.83	4.27332 mg/L	Y 371.029
Mo 202.032	-0.022879	mg/L	0.000897	3.9	27.7015	-0.228788 mg/L	Y 371.029
Mo 203.846	-0.022707	mg/L	0.002617	11.5	11.5123	-0.227071 mg/L	Y 371.029
Mo 204.598	-0.022505	mg/L	0.001131	5.0	7.13304	-0.225047 mg/L	Y 371.029
Na 568.821	45.6603	mg/L	0.154514	0.3	12564.4	456.603 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.155833	0.4	24180410	- mg/L	Y 371.029
Na 589.592	42.7984	mg/L	0.055751	0.1	14317076	427.984 mg/L	Y 371.029
Ni 216.555	-0.016909uv	mg/L	0.000710	4.2	6.18408	-0.169094 mg/L	Y 371.029
Ni 221.648	-0.016002	mg/L	0.000458	2.9	4.55418	-0.160020 mg/L	Y 371.029
Ni 231.604	-0.016875uv	mg/L	0.000296	1.8	6.10891	-0.168754 mg/L	Y 371.029
P 177.434	-0.002125uv	mg/L	0.006981	328.5	1.96275	-0.021253 mg/L	Y 371.029
P 213.618	-0.002554	mg/L	0.001847	72.3	3.72695	-0.025544 mg/L	Y 371.029
P 214.914	0.007667	mg/L	0.000692	9.0	6.35601	0.076668 mg/L	Y 371.029
Pb 220.353	0.001801uv	mg/L	0.002950	163.8	6.95025	0.018006 mg/L	Y 371.029
Pb 261.417	-0.018972uv	mg/L	0.017974	94.7	14.9194	-0.189724 mg/L	Y 371.029
Pb 405.781	0.003785	mg/L	0.005346	141.2	53.6097	0.037853 mg/L	Y 371.029
Sb 206.834	-0.004679uv	mg/L	0.001645	35.2	9.82469	-0.046793 mg/L	Y 371.029
Sb 231.146	0.019745	mg/L	0.002560	13.0	13.1521	0.197453 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.022135	782.4	34.8371	uncal mg/L	Y 371.029
Se 196.026	-0.003406uv	mg/L	0.002200	64.6	4.16635	-0.034059 mg/L	Y 371.029
Se 203.985	0.007855uv	mg/L	0.009908	126.1	3.57553	0.078554 mg/L	Y 371.029
Si 250.690	1.83088	mg/L	0.006772	0.4	2482.26	18.3088 mg/L	Y 371.029
Si 251.611	1.79941	mg/L	0.004991	0.3	2846.24	17.9941 mg/L	Y 371.029
Si 288.158	1.74128	mg/L	0.003580	0.2	14547.8	17.4128 mg/L	Y 371.029
Sn 189.927	-0.001579uv	mg/L	0.000237	15.0	3.30821	-0.015790 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.003317	13.8	6.84783	uncal mg/L	Y 371.029
Sr 216.596	0.023195	mg/L	0.000442	1.9	282.853	0.231947 mg/L	Y 371.029
Sr 407.771	0.024525	mg/L	0.000201	0.8	65973.7	0.245249 mg/L	Y 371.029
Sr 421.552	0.023942	mg/L	0.000117	0.5	40481.6	0.239417 mg/L	Y 371.029
Ti 334.941	-0.001002uv	mg/L	0.000150	15.0	106.842	-0.010023 mg/L	Y 371.029
Ti 336.122	-0.001014uv	mg/L	0.000423	41.7	39.9328	-0.010144 mg/L	Y 371.029
Ti 337.280	0.000201	mg/L	0.000536	267.0	35.8167	0.002006 mg/L	Y 371.029
Tl 190.794	0.003895	mg/L	0.004339	111.4	2.22641	0.038954 mg/L	Y 371.029
Tl 190.807	-0.000136uv	mg/L	0.002810	2064.6	1.46838	-0.001361 mg/L	Y 371.029
Tl 351.923	0.010602	mg/L	0.006655	62.8	27.9246	0.106018 mg/L	Y 371.029
V 268.796	-0.005518	mg/L	0.000142	2.6	41.6893	-0.055178 mg/L	Y 371.029
V 292.401	-0.003050	mg/L	0.000136	4.5	41.8660	-0.030503 mg/L	Y 371.029
V 311.837	-0.001726	mg/L	0.000216	12.5	15.5155	-0.017255 mg/L	Y 371.029
Zn 202.548	-0.001156	mg/L	0.000785	67.9	809.333	-0.011555 mg/L	Y 371.029
Zn 206.200	-0.000249	mg/L	0.000450	181.2	257.948	-0.002486 mg/L	Y 371.029
Zn 213.857	-0.001562	mg/L	0.000210	13.4	1362.73	-0.015619 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.20625	9672.63	26.561	0.3
Y 371.029	0.849225	140043	337.067	0.2

11C1700-01 (Samp) **4/7/2011, 2:21:01 PM** **Rack 3, Tube 51**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.014657uv	mg/L	0.000361	2.5	793.260	-0.073285 mg/L	Y 371.029
Ag 338.289	-0.010316uv	mg/L	0.001725	16.7	2.12788	-0.051578 mg/L	Y 371.029
Al 237.312	0.160595	mg/L	0.013397	8.3	269.849	0.802974 mg/L	Y 371.029
Al 257.509	0.178066	mg/L	0.024987	14.0	123.488	0.890329 mg/L	Y 371.029
Al 308.215	0.158903	mg/L	0.002142	1.3	1766.98	0.794515 mg/L	Y 371.029
As 188.980	0.012228	mg/L	0.001077	8.8	6.94016	0.061140 mg/L	Y 371.029
As 193.696	0.006552	mg/L	0.000493	7.5	4.14454	0.032762 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004918	80.5	17.3129	uncal mg/L	Y 371.029
B 182.577	0.002906	mg/L	0.001785	61.4	6.30465	0.014531 mg/L	Y 371.029
B 249.678	-0.001992uv	mg/L	0.000452	22.7	18.9544	-0.009959 mg/L	Y 371.029
B 249.772	0.000642	mg/L	0.000083	12.9	102.076	0.003210 mg/L	Y 371.029
Ba 233.527	0.506721	mg/L	0.002446	0.5	20763.8	2.53361 mg/L	Y 371.029
Ba 455.403	0.519076	mg/L	0.002001	0.4	464923	2.59538 mg/L	Y 371.029
Ba 493.408	0.509930	mg/L	0.005812	1.1	274271	2.54965 mg/L	Y 371.029
Be 234.861	0.000232	mg/L	0.000015	6.5	3.78331	0.001159 mg/L	Y 371.029
Be 313.042	0.000198	mg/L	0.000005	2.4	1615.17	0.000988 mg/L	Y 371.029
Be 313.107	0.000029	mg/L	0.000015	53.0	87.4009	0.000145 mg/L	Y 371.029
Ca 393.366	2.34859n	mg/L	0.023881	1.0	3034271	11.7429 mg/L	Y 371.029
Ca 396.847	2.13944	mg/L	0.023308	1.1	4256830	10.6972 mg/L	Y 371.029
Ca 430.253	2.35695	mg/L	0.024954	1.1	11935.9	11.7848 mg/L	Y 371.029
Cd 214.439	0.000390	mg/L	0.000065	16.8	6.99378	0.001949 mg/L	Y 371.029
Cd 226.502	0.000058	mg/L	0.000057	98.8	30.8797	0.000288 mg/L	Y 371.029
Cd 228.802	-0.000705uv	mg/L	0.000343	48.7	17.5500	-0.003526 mg/L	Y 371.029
Co 228.615	-0.000733uv	mg/L	0.000174	23.7	10.1544	-0.003663 mg/L	Y 371.029
Co 230.786	-0.000966uv	mg/L	0.000708	73.3	9.25599	-0.004829 mg/L	Y 371.029
Co 238.892	0.000792uv	mg/L	0.000111	14.0	1.90246	0.003960 mg/L	Y 371.029
Cr 205.560	0.004221	mg/L	0.000654	15.5	28.1080	0.021106 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000532	12.8	10.3280	uncal mg/L	Y 371.029
Cr 267.716	0.005593	mg/L	0.000189	3.4	157.568	0.027965 mg/L	Y 371.029
Cu 213.598	7.78610	mg/L	0.128423	1.6	33722.3	38.9305 mg/L	Y 371.029
Cu 324.754	7.56880	mg/L	0.070193	0.9	253029	37.8440 mg/L	Y 371.029
Cu 327.395	7.48242	mg/L	0.074373	1.0	319935	37.4121 mg/L	Y 371.029
Fe 234.350	2.14566	mg/L	0.018241	0.9	19397.1	10.7283 mg/L	Y 371.029
Fe 238.204	2.16443	mg/L	0.039447	1.8	41737.7	10.8222 mg/L	Y 371.029
Fe 259.940	2.19239	mg/L	0.035708	1.6	33802.0	10.9619 mg/L	Y 371.029
Ga 287.423	-0.010457	mg/L	0.003482	33.3	31.3562	-0.052285 mg/L	Y 371.029
Ga 294.363	0.002060	mg/L	0.000692	33.6	27.0293	0.010298 mg/L	Y 371.029
Ga 417.204	0.002375	mg/L	0.001757	74.0	111.770	0.011877 mg/L	Y 371.029
K 766.491	5.60820	mg/L	0.034856	0.6	426315	28.0410 mg/L	Y 371.029
K 769.897	5.51763	mg/L	0.033226	0.6	332743	27.5881 mg/L	Y 371.029
Li 610.365	0.004951	mg/L	0.000107	2.2	13.0663	0.024757 mg/L	Y 371.029
Li 670.783	0.002575	mg/L	0.000065	2.5	84240.1	0.012873 mg/L	Y 371.029
Mg 279.078	0.578899	mg/L	0.006947	1.2	1033.03	2.89449 mg/L	Y 371.029
Mg 280.270	0.679314	mg/L	0.010240	1.5	62235.7	3.39657 mg/L	Y 371.029
Mg 285.213	0.580189	mg/L	0.004224	0.7	20681.6	2.90094 mg/L	Y 371.029
Mn 257.610	0.017421	mg/L	0.000253	1.4	2727.96	0.087103 mg/L	Y 371.029
Mn 259.372	0.016603	mg/L	0.000292	1.8	2470.69	0.083016 mg/L	Y 371.029
Mn 260.568	0.017815	mg/L	0.000085	0.5	363.336	0.089074 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.177030	mg/L	0.000162	0.1	643.456	0.885148 mg/L	Y 371.029
Mo 203.846	0.179585	mg/L	0.002910	1.6	258.226	0.897927 mg/L	Y 371.029
Mo 204.598	0.177000	mg/L	0.002702	1.5	297.600	0.885002 mg/L	Y 371.029
Na 568.821	4.23800	mg/L	0.078625	1.9	1272.00	21.1900 mg/L	Y 371.029
Na 588.995	4.70272	mg/L	0.051418	1.1	3136282	23.5136 mg/L	Y 371.029
Na 589.592	4.40609	mg/L	0.043815	1.0	1549464	22.0305 mg/L	Y 371.029
Ni 216.555	0.024381	mg/L	0.001831	7.5	154.527	0.121907 mg/L	Y 371.029
Ni 221.648	0.023874	mg/L	0.000658	2.8	59.9374	0.119368 mg/L	Y 371.029
Ni 231.604	0.023847	mg/L	0.000174	0.7	104.563	0.119235 mg/L	Y 371.029
P 177.434	0.646371	mg/L	0.017230	2.7	116.074	3.23185 mg/L	Y 371.029
P 213.618	0.452917	mg/L	0.028419	6.3	498.406	2.26459 mg/L	Y 371.029
P 214.914	0.446675	mg/L	0.022365	5.0	174.163	2.23338 mg/L	Y 371.029
Pb 220.353	0.006323	mg/L	0.003443	54.5	12.7632	0.031615 mg/L	Y 371.029
Pb 261.417	0.000043uv	mg/L	0.011063	25956.1	23.7040	0.000213 mg/L	Y 371.029
Pb 405.781	0.010453	mg/L	0.004871	46.6	50.5550	0.052267 mg/L	Y 371.029
Sb 206.834	-0.006568uv	mg/L	0.004185	63.7	7.88137	-0.032842 mg/L	Y 371.029
Sb 231.146	0.003026uv	mg/L	0.008934	295.3	6.01922	0.015128 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.024593	1940.7	15.0074	uncal mg/L	Y 371.029
Se 196.026	-0.003158uv	mg/L	0.004833	153.0	4.82207	-0.015789 mg/L	Y 371.029
Se 203.985	0.011963uv	mg/L	0.009422	78.8	4.00179	0.059817 mg/L	Y 371.029
Si 250.690	0.804685	mg/L	0.008796	1.1	1102.19	4.02343 mg/L	Y 371.029
Si 251.611	0.795769	mg/L	0.011341	1.4	1273.40	3.97885 mg/L	Y 371.029
Si 288.158	0.783784	mg/L	0.010150	1.3	6963.33	3.91892 mg/L	Y 371.029
Sn 189.927	0.116607	mg/L	0.003956	3.4	39.6979	0.583037 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004804	3.8	200.742	uncal mg/L	Y 371.029
Sr 216.596	0.019041	mg/L	0.000683	3.6	211.501	0.095203 mg/L	Y 371.029
Sr 407.771	0.019222	mg/L	0.000235	1.2	52842.3	0.096112 mg/L	Y 371.029
Sr 421.552	0.018929	mg/L	0.000223	1.2	32633.9	0.094644 mg/L	Y 371.029
Ti 334.941	0.008062	mg/L	0.000243	3.0	1769.52	0.040309 mg/L	Y 371.029
Ti 336.122	0.007615	mg/L	0.000355	4.7	726.679	0.038077 mg/L	Y 371.029
Ti 337.280	0.007645	mg/L	0.000312	4.1	236.582	0.038225 mg/L	Y 371.029
Tl 190.794	0.004172	mg/L	0.001525	36.6	2.50760	0.020860 mg/L	Y 371.029
Tl 190.807	0.006943uv	mg/L	0.007792	112.2	2.24262	0.034717 mg/L	Y 371.029
Tl 351.923	0.006008uv	mg/L	0.007301	121.5	19.6177	0.030042 mg/L	Y 371.029
V 268.796	0.008032	mg/L	0.000130	1.6	288.154	0.040162 mg/L	Y 371.029
V 292.401	-0.000336	mg/L	0.000187	55.7	38.4157	-0.001682 mg/L	Y 371.029
V 311.837	0.000446	mg/L	0.000123	27.5	15.2062	0.002232 mg/L	Y 371.029
Zn 202.548	0.044668	mg/L	0.001256	2.8	2155.74	0.223342 mg/L	Y 371.029
Zn 206.200	0.069109	mg/L	0.000687	1.0	475.780	0.345544 mg/L	Y 371.029
Zn 213.857	0.060909	mg/L	0.001297	2.1	2572.97	0.304546 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22084	9789.66	84.720	0.9
Y 371.029	0.871662	143743	1124.020	0.8

11C1255-13 (Samp) **4/7/2011, 2:27:01 PM** **Rack 3, Tube 52**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 100**

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015193uv	mg/L	0.000398	2.6	777.146	-1.51927 mg/L	Y 371.029
Ag 338.289	-0.010721uv	mg/L	0.002085	19.4	-0.094038	-1.07213 mg/L	Y 371.029
Al 237.312	0.006196	mg/L	0.003448	55.6	71.3970	0.619638 mg/L	Y 371.029
Al 257.509	0.007065	mg/L	0.018681	264.4	20.2648	0.706536 mg/L	Y 371.029
Al 308.215	-0.003793uv	mg/L	0.002667	70.3	907.630	-0.379311 mg/L	Y 371.029
As 188.980	0.007522	mg/L	0.004159	55.3	7.76024	0.752226 mg/L	Y 371.029
As 193.696	0.005957	mg/L	0.003360	56.4	3.26743	0.595653 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004232	148.4	17.0144	uncal mg/L	Y 371.029
B 182.577	0.005819	mg/L	0.000656	11.3	7.70381	0.581894 mg/L	Y 371.029
B 249.678	0.007326	mg/L	0.000594	8.1	90.8925	0.732606 mg/L	Y 371.029
B 249.772	0.008831	mg/L	0.000624	7.1	220.099	0.883079 mg/L	Y 371.029
Ba 233.527	0.001144	mg/L	0.000212	18.5	245.930	0.114362 mg/L	Y 371.029
Ba 455.403	0.001177	mg/L	0.000022	1.8	5161.57	0.117746 mg/L	Y 371.029
Ba 493.408	0.001001	mg/L	0.000032	3.2	3079.68	0.100150 mg/L	Y 371.029
Be 234.861	0.000130	mg/L	0.000006	4.4	1.73724	0.013007 mg/L	Y 371.029
Be 313.042	0.000191	mg/L	0.000007	3.7	1628.61	0.019136 mg/L	Y 371.029
Be 313.107	0.000025	mg/L	0.000011	41.8	94.1245	0.002521 mg/L	Y 371.029
Ca 393.366	0.975736n	mg/L	0.002909	0.3	1272653	97.5736 mg/L	Y 371.029
Ca 396.847	0.882136	mg/L	0.001669	0.2	1771585	88.2136 mg/L	Y 371.029
Ca 430.253	1.01990	mg/L	0.028237	2.8	5997.95	101.990 mg/L	Y 371.029
Cd 214.439	0.000173	mg/L	0.000023	13.2	2.16271	0.017299 mg/L	Y 371.029
Cd 226.502	0.000179	mg/L	0.000097	54.2	26.2844	0.017917 mg/L	Y 371.029
Cd 228.802	0.000066uv	mg/L	0.000111	168.5	24.1851	0.006594 mg/L	Y 371.029
Co 228.615	-0.000112uv	mg/L	0.000850	756.1	10.7468	-0.011249 mg/L	Y 371.029
Co 230.786	0.000284uv	mg/L	0.000294	103.6	10.3021	0.028413 mg/L	Y 371.029
Co 238.892	-0.000191uv	mg/L	0.000221	116.0	5.34925	-0.019053 mg/L	Y 371.029
Cr 205.560	-0.000911uv	mg/L	0.000241	26.5	2.76766	-0.091051 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.001022	76.5	4.40347	uncal mg/L	Y 371.029
Cr 267.716	0.000153	mg/L	0.000175	114.6	28.2140	0.015281 mg/L	Y 371.029
Cu 213.598	-0.000051	mg/L	0.000260	514.0	4.59859	-0.005060 mg/L	Y 371.029
Cu 324.754	0.001195	mg/L	0.000068	5.7	605.807	0.119537 mg/L	Y 371.029
Cu 327.395	0.000335	mg/L	0.000067	19.9	46.6378	0.033537 mg/L	Y 371.029
Fe 234.350	0.215406	mg/L	0.001017	0.5	1986.86	21.5406 mg/L	Y 371.029
Fe 238.204	0.216158	mg/L	0.001602	0.7	4256.60	21.6158 mg/L	Y 371.029
Fe 259.940	0.215702	mg/L	0.001406	0.7	3403.63	21.5702 mg/L	Y 371.029
Ga 287.423	-0.003728uv	mg/L	0.001844	49.5	8.78654	-0.372765 mg/L	Y 371.029
Ga 294.363	0.001122	mg/L	0.000103	9.2	31.4997	0.112212 mg/L	Y 371.029
Ga 417.204	0.001577uv	mg/L	0.002397	152.0	96.8583	0.157709 mg/L	Y 371.029
K 766.491	0.678724	mg/L	0.003858	0.6	53665.3	67.8724 mg/L	Y 371.029
K 769.897	0.674392	mg/L	0.009583	1.4	52218.2	67.4392 mg/L	Y 371.029
Li 610.365	0.005264	mg/L	0.000494	9.4	28.1599	0.526426 mg/L	Y 371.029
Li 670.783	0.001232	mg/L	0.000147	11.9	77432.8	0.123183 mg/L	Y 371.029
Mg 279.078	2.38662	mg/L	0.009076	0.4	4203.02	238.662 mg/L	Y 371.029
Mg 280.270	2.76821	mg/L	0.017993	0.6	251913	276.821 mg/L	Y 371.029
Mg 285.213	2.42740	mg/L	0.017773	0.7	86169.2	242.740 mg/L	Y 371.029
Mn 257.610	0.004636	mg/L	0.000052	1.1	708.989	0.463560 mg/L	Y 371.029
Mn 259.372	0.004322	mg/L	0.000112	2.6	620.084	0.432247 mg/L	Y 371.029
Mn 260.568	0.004474	mg/L	0.000118	2.6	110.649	0.447404 mg/L	Y 371.029
Mo 202.032	-0.006937	mg/L	0.000955	13.8	43.2301	-0.693679 mg/L	Y 371.029
Mo 203.846	-0.008003	mg/L	0.002023	25.3	13.7551	-0.800317 mg/L	Y 371.029
Mo 204.598	-0.007381	mg/L	0.000619	8.4	10.0804	-0.738094 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	22.1515	mg/L	0.174232	0.8	6154.97	2215.15 mg/L	Y 371.029
Na 588.995	21.7445	mg/L	0.132917	0.6	13376068	2174.45 mg/L	Y 371.029
Na 589.592	21.9978	mg/L	0.114821	0.5	7396330	2199.78 mg/L	Y 371.029
Ni 216.555	0.000343	mg/L	0.000390	113.6	5.14022	0.034335 mg/L	Y 371.029
Ni 221.648	0.000744	mg/L	0.000984	132.2	5.00157	0.074420 mg/L	Y 371.029
Ni 231.604	-0.000114uv	mg/L	0.000197	172.7	8.47810	-0.011429 mg/L	Y 371.029
P 177.434	-0.001960uv	mg/L	0.005224	266.5	1.50314	-0.196016 mg/L	Y 371.029
P 213.618	0.000454uv	mg/L	0.004050	891.9	2.40958	0.045413 mg/L	Y 371.029
P 214.914	0.009274	mg/L	0.004966	53.5	3.94506	0.927357 mg/L	Y 371.029
Pb 220.353	0.000778uv	mg/L	0.001701	218.6	5.31613	0.077820 mg/L	Y 371.029
Pb 261.417	0.020497	mg/L	0.001790	8.7	34.4718	2.04969 mg/L	Y 371.029
Pb 405.781	0.009257	mg/L	0.001683	18.2	53.0220	0.925692 mg/L	Y 371.029
Sb 206.834	-0.001785uv	mg/L	0.001873	104.9	9.17252	-0.178456 mg/L	Y 371.029
Sb 231.146	0.017639	mg/L	0.007950	45.1	12.9169	1.76388 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.005780	125.1	4.73516	uncal mg/L	Y 371.029
Se 196.026	0.003306	mg/L	0.001240	37.5	6.89141	0.330620 mg/L	Y 371.029
Se 203.985	0.005592uv	mg/L	0.007264	129.9	3.94211	0.559189 mg/L	Y 371.029
Si 250.690	0.049591	mg/L	0.006517	13.1	109.841	4.95912 mg/L	Y 371.029
Si 251.611	0.058067	mg/L	0.001757	3.0	119.730	5.80673 mg/L	Y 371.029
Si 288.158	0.060213	mg/L	0.001344	2.2	1360.07	6.02127 mg/L	Y 371.029
Sn 189.927	0.001419	mg/L	0.002257	159.0	3.94347	0.141946 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.001737	13.0	16.9273	uncal mg/L	Y 371.029
Sr 216.596	0.016027	mg/L	0.000196	1.2	174.382	1.60268 mg/L	Y 371.029
Sr 407.771	0.015592	mg/L	0.000080	0.5	43873.0	1.55920 mg/L	Y 371.029
Sr 421.552	0.015273	mg/L	0.000091	0.6	26901.5	1.52726 mg/L	Y 371.029
Ti 334.941	-0.000129uv	mg/L	0.000201	156.4	82.6379	-0.012879 mg/L	Y 371.029
Ti 336.122	0.000230uv	mg/L	0.000445	193.3	65.4900	0.023032 mg/L	Y 371.029
Ti 337.280	0.000883	mg/L	0.000524	59.4	25.8226	0.088280 mg/L	Y 371.029
Tl 190.794	0.006356	mg/L	0.002945	46.3	2.79490	0.635633 mg/L	Y 371.029
Tl 190.807	0.004358uv	mg/L	0.011210	257.2	2.35674	0.435819 mg/L	Y 371.029
Tl 351.923	0.002051uv	mg/L	0.007090	345.7	17.8586	0.205116 mg/L	Y 371.029
V 268.796	-0.002430uv	mg/L	0.000569	23.4	34.2606	-0.243009 mg/L	Y 371.029
V 292.401	0.000021uv	mg/L	0.000204	948.5	32.9594	0.002149 mg/L	Y 371.029
V 311.837	0.000998	mg/L	0.000043	4.3	13.4919	0.099787 mg/L	Y 371.029
Zn 202.548	0.001506	mg/L	0.000627	41.6	797.656	0.150648 mg/L	Y 371.029
Zn 206.200	0.002897	mg/L	0.001251	43.2	256.575	0.289676 mg/L	Y 371.029
Zn 213.857	0.001280	mg/L	0.000872	68.2	1321.93	0.127978 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.21424	9736.70	104.133	1.1
Y 371.029	0.858799	141622	1825.024	1.3

11C1255-15 (Samp) **4/7/2011, 2:30:53 PM** **Rack 3, Tube 53**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 100**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.014595uv	mg/L	0.000399	2.7	795.009	-1.45951 mg/L	Y 371.029
Ag 338.289	-0.010135uv	mg/L	0.001444	14.2	1.68018	-1.01351 mg/L	Y 371.029
Al 237.312	0.011221	mg/L	0.002033	18.1	76.7053	1.12208 mg/L	Y 371.029
Al 257.509	0.009369	mg/L	0.005811	62.0	20.3762	0.936933 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	-0.006390uv	mg/L	0.000503	7.9	901.936	-0.638962 mg/L	Y 371.029
As 188.980	0.009712	mg/L	0.001336	13.8	8.88209	0.971198 mg/L	Y 371.029
As 193.696	0.010186	mg/L	0.002835	27.8	5.36060	1.01864 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.020175	1766.5	16.0114	uncal mg/L	Y 371.029
B 182.577	0.000096uv	mg/L	0.001297	1355.8	4.79347	0.009566 mg/L	Y 371.029
B 249.678	0.003150	mg/L	0.001162	36.9	51.7335	0.315020 mg/L	Y 371.029
B 249.772	0.003590	mg/L	0.000402	11.2	117.272	0.358986 mg/L	Y 371.029
Ba 233.527	0.001245	mg/L	0.000124	10.0	248.195	0.124488 mg/L	Y 371.029
Ba 455.403	0.001224	mg/L	0.000012	1.0	5190.90	0.122434 mg/L	Y 371.029
Ba 493.408	0.001073	mg/L	0.000025	2.3	3101.73	0.107327 mg/L	Y 371.029
Be 234.861	0.000087	mg/L	0.000011	12.5	-2.30698	0.008656 mg/L	Y 371.029
Be 313.042	0.000159	mg/L	0.000001	0.8	1575.85	0.015915 mg/L	Y 371.029
Be 313.107	0.000017	mg/L	0.000012	71.8	86.8495	0.001740 mg/L	Y 371.029
Ca 393.366	1.00156n	mg/L	0.002345	0.2	1304583	100.156 mg/L	Y 371.029
Ca 396.847	0.904799	mg/L	0.002381	0.3	1814940	90.4799 mg/L	Y 371.029
Ca 430.253	1.05203	mg/L	0.016899	1.6	6102.42	105.203 mg/L	Y 371.029
Cd 214.439	0.000271	mg/L	0.000063	23.3	4.29083	0.027130 mg/L	Y 371.029
Cd 226.502	0.000176	mg/L	0.000059	33.6	25.3132	0.017629 mg/L	Y 371.029
Cd 228.802	-0.000214uv	mg/L	0.000121	56.5	20.0305	-0.021370 mg/L	Y 371.029
Co 228.615	0.000086uv	mg/L	0.000818	950.4	12.4101	0.008611 mg/L	Y 371.029
Co 230.786	0.000726	mg/L	0.000449	61.8	12.8246	0.072640 mg/L	Y 371.029
Co 238.892	-0.000407uv	mg/L	0.000404	99.4	4.96200	-0.040655 mg/L	Y 371.029
Cr 205.560	0.000115uv	mg/L	0.000475	411.6	6.88037	0.011539 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000817	115.4	3.14307	uncal mg/L	Y 371.029
Cr 267.716	0.000008uv	mg/L	0.000193	2377.6	23.6871	0.000812 mg/L	Y 371.029
Cu 213.598	-0.000185uv	mg/L	0.000499	270.4	2.58980	-0.018457 mg/L	Y 371.029
Cu 324.754	0.000438uv	mg/L	0.000142	32.4	587.766	0.043764 mg/L	Y 371.029
Cu 327.395	0.000673	mg/L	0.000172	25.6	55.6236	0.067308 mg/L	Y 371.029
Fe 234.350	0.000872	mg/L	0.000550	63.1	36.1273	0.087188 mg/L	Y 371.029
Fe 238.204	0.001236	mg/L	0.000180	14.6	84.4455	0.123570 mg/L	Y 371.029
Fe 259.940	0.000996	mg/L	0.000255	25.6	81.0253	0.099599 mg/L	Y 371.029
Ga 287.423	-0.001190uv	mg/L	0.001860	156.2	10.1895	-0.119050 mg/L	Y 371.029
Ga 294.363	0.000837uv	mg/L	0.001956	233.8	28.5974	0.083676 mg/L	Y 371.029
Ga 417.204	0.001889	mg/L	0.001280	67.8	98.2403	0.188925 mg/L	Y 371.029
K 766.491	0.591645	mg/L	0.002774	0.5	47026.9	59.1645 mg/L	Y 371.029
K 769.897	0.576531	mg/L	0.005209	0.9	46426.3	57.6531 mg/L	Y 371.029
Li 610.365	0.005280	mg/L	0.000098	1.8	28.9290	0.528020 mg/L	Y 371.029
Li 670.783	0.001301	mg/L	0.000101	7.7	77130.2	0.130068 mg/L	Y 371.029
Mg 279.078	0.840720	mg/L	0.004211	0.5	1490.14	84.0720 mg/L	Y 371.029
Mg 280.270	0.991941	mg/L	0.008120	0.8	90580.9	99.1941 mg/L	Y 371.029
Mg 285.213	0.852526	mg/L	0.006759	0.8	30317.9	85.2526 mg/L	Y 371.029
Mn 257.610	0.001656	mg/L	0.000030	1.8	259.609	0.165643 mg/L	Y 371.029
Mn 259.372	0.001731	mg/L	0.000012	0.7	260.908	0.173110 mg/L	Y 371.029
Mn 260.568	0.001780	mg/L	0.000060	3.4	45.7999	0.177987 mg/L	Y 371.029
Mo 202.032	-0.004092	mg/L	0.000751	18.4	32.0660	-0.409206 mg/L	Y 371.029
Mo 203.846	-0.003096	mg/L	0.001776	57.4	11.8922	-0.309569 mg/L	Y 371.029
Mo 204.598	-0.002875	mg/L	0.000550	19.1	6.88872	-0.287540 mg/L	Y 371.029
Na 568.821	11.6261	mg/L	0.049984	0.4	3287.08	1162.61 mg/L	Y 371.029
Na 588.995	12.1685	mg/L	0.094159	0.8	7619928	1216.85 mg/L	Y 371.029
Na 589.592	12.0806	mg/L	0.006627	0.1	4097482	1208.06 mg/L	Y 371.029
Ni 216.555	0.000329uv	mg/L	0.000586	178.3	3.98060	0.032892 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.000818	mg/L	0.001017	124.4	4.62370	0.081780 mg/L	Y 371.029
Ni 231.604	-0.000447uv	mg/L	0.000544	121.5	6.38914	-0.044745 mg/L	Y 371.029
P 177.434	0.009800	mg/L	0.004707	48.0	3.49352	0.980050 mg/L	Y 371.029
P 213.618	0.005163	mg/L	0.002237	43.3	5.07825	0.516272 mg/L	Y 371.029
P 214.914	0.019629	mg/L	0.003812	19.4	6.03051	1.96291 mg/L	Y 371.029
Pb 220.353	0.001245uv	mg/L	0.001998	160.4	5.82000	0.124506 mg/L	Y 371.029
Pb 261.417	0.003718uv	mg/L	0.008685	233.6	24.3611	0.371844 mg/L	Y 371.029
Pb 405.781	0.011342	mg/L	0.010204	90.0	54.0030	1.13425 mg/L	Y 371.029
Sb 206.834	0.002907	mg/L	0.003306	113.7	11.5618	0.290672 mg/L	Y 371.029
Sb 231.146	0.003995uv	mg/L	0.007899	197.7	6.78756	0.399523 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.004871	72.8	4.02913	uncal mg/L	Y 371.029
Se 196.026	0.001628uv	mg/L	0.003855	236.7	6.44689	0.162846 mg/L	Y 371.029
Se 203.985	0.005438	mg/L	0.004196	77.2	4.03629	0.543809 mg/L	Y 371.029
Si 250.690	0.074654	mg/L	0.001139	1.5	142.047	7.46537 mg/L	Y 371.029
Si 251.611	0.081569	mg/L	0.001922	2.4	154.794	8.15687 mg/L	Y 371.029
Si 288.158	0.080745	mg/L	0.001025	1.3	1523.36	8.07449 mg/L	Y 371.029
Sn 189.927	0.002123	mg/L	0.000139	6.6	4.09976	0.212312 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004091	69.9	24.8033	uncal mg/L	Y 371.029
Sr 216.596	0.011672	mg/L	0.000198	1.7	132.492	1.16723 mg/L	Y 371.029
Sr 407.771	0.011237	mg/L	0.000054	0.5	33165.8	1.12372 mg/L	Y 371.029
Sr 421.552	0.011017	mg/L	0.000055	0.5	20291.9	1.10167 mg/L	Y 371.029
Ti 334.941	0.000197	mg/L	0.000211	107.0	146.071	0.019715 mg/L	Y 371.029
Ti 336.122	-0.000131uv	mg/L	0.000232	177.1	32.4313	-0.013083 mg/L	Y 371.029
Ti 337.280	0.000686	mg/L	0.000383	55.8	18.5076	0.068620 mg/L	Y 371.029
Tl 190.794	0.004374	mg/L	0.000277	6.3	2.10259	0.437376 mg/L	Y 371.029
Tl 190.807	0.005956uv	mg/L	0.009432	158.4	2.62686	0.595624 mg/L	Y 371.029
Tl 351.923	0.007995uv	mg/L	0.010617	132.8	26.7848	0.799538 mg/L	Y 371.029
V 268.796	-0.001770uv	mg/L	0.000398	22.5	31.1499	-0.176995 mg/L	Y 371.029
V 292.401	0.000139uv	mg/L	0.000249	178.5	34.9018	0.013947 mg/L	Y 371.029
V 311.837	0.001101	mg/L	0.000126	11.4	16.5916	0.110120 mg/L	Y 371.029
Zn 202.548	0.003179	mg/L	0.000178	5.6	801.479	0.317906 mg/L	Y 371.029
Zn 206.200	0.003706	mg/L	0.000436	11.8	254.755	0.370585 mg/L	Y 371.029
Zn 213.857	0.002098	mg/L	0.000321	15.3	1311.96	0.209780 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22241	9802.23	26.249	0.3
Y 371.029	0.863733	142436	429.803	0.3

11C1255-20 (Samp) **4/7/2011, 2:34:40 PM** **Rack 3, Tube 54**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 100**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015437uv	mg/L	0.000202	1.3	767.914	-1.54375 mg/L	Y 371.029
Ag 338.289	-0.010439uv	mg/L	0.001474	14.1	0.754839	-1.04389 mg/L	Y 371.029
Al 237.312	0.007383	mg/L	0.004481	60.7	72.3818	0.738338 mg/L	Y 371.029
Al 257.509	0.005476	mg/L	0.005307	96.9	18.3946	0.547609 mg/L	Y 371.029
Al 308.215	-0.004921uv	mg/L	0.001807	36.7	899.872	-0.492071 mg/L	Y 371.029
As 188.980	0.005237	mg/L	0.004042	77.2	7.02343	0.523744 mg/L	Y 371.029
As 193.696	0.004188	mg/L	0.002776	66.3	2.55990	0.418801 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004549	44.1	8.70239	uncal mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.000920uv	mg/L	0.001746	189.9	5.33597	0.091955 mg/L	Y 371.029
B 249.678	-0.002188uv	mg/L	0.000929	42.4	6.54141	-0.218808 mg/L	Y 371.029
B 249.772	-0.000251uv	mg/L	0.000341	135.5	48.8743	-0.025138 mg/L	Y 371.029
Ba 233.527	0.000084	mg/L	0.000076	90.4	204.736	0.008436 mg/L	Y 371.029
Ba 455.403	0.000266	mg/L	0.000042	15.8	4398.56	0.026623 mg/L	Y 371.029
Ba 493.408	0.000128	mg/L	0.000006	4.8	2634.31	0.012756 mg/L	Y 371.029
Be 234.861	0.000088	mg/L	0.000005	5.3	-2.17665	0.008841 mg/L	Y 371.029
Be 313.042	0.000166	mg/L	0.000004	2.6	1582.50	0.016559 mg/L	Y 371.029
Be 313.107	0.000019	mg/L	0.000009	48.3	88.2848	0.001898 mg/L	Y 371.029
Ca 393.366	5.34730n	mg/L	0.034319	0.6	6873650	534.730 mg/L	Y 371.029
Ca 396.847	4.94037	mg/L	0.027942	0.6	9784784	494.037 mg/L	Y 371.029
Ca 430.253	5.83699	mg/L	0.041899	0.7	27468.7	583.699 mg/L	Y 371.029
Cd 214.439	0.000244	mg/L	0.000077	31.4	3.70727	0.024389 mg/L	Y 371.029
Cd 226.502	-0.000005uv	mg/L	0.000143	2719.4	18.6367	-0.000526 mg/L	Y 371.029
Cd 228.802	-0.000394uv	mg/L	0.000347	88.1	17.2580	-0.039375 mg/L	Y 371.029
Co 228.615	0.000059uv	mg/L	0.000332	561.0	11.5702	0.005916 mg/L	Y 371.029
Co 230.786	0.000770uv	mg/L	0.001040	135.1	12.9647	0.077016 mg/L	Y 371.029
Co 238.892	-0.000210uv	mg/L	0.000400	190.4	6.41887	-0.020987 mg/L	Y 371.029
Cr 205.560	-0.000872uv	mg/L	0.000097	11.1	2.94050	-0.087193 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000962	211.5	2.74772	uncal mg/L	Y 371.029
Cr 267.716	0.000062	mg/L	0.000120	195.4	25.7906	0.006157 mg/L	Y 371.029
Cu 213.598	0.000300	mg/L	0.000193	64.2	5.21542	0.030041 mg/L	Y 371.029
Cu 324.754	0.000819	mg/L	0.000091	11.1	591.792	0.081915 mg/L	Y 371.029
Cu 327.395	0.000142uv	mg/L	0.000239	168.4	34.1732	0.014221 mg/L	Y 371.029
Fe 234.350	-0.002847uv	mg/L	0.000242	8.5	7.20732	-0.284721 mg/L	Y 371.029
Fe 238.204	-0.001933	mg/L	0.000291	15.1	37.2740	-0.193339 mg/L	Y 371.029
Fe 259.940	-0.001706	mg/L	0.000136	8.0	54.4742	-0.170592 mg/L	Y 371.029
Ga 287.423	0.002055	mg/L	0.001190	57.9	17.8989	0.205537 mg/L	Y 371.029
Ga 294.363	0.000679	mg/L	0.000387	57.0	27.2853	0.067902 mg/L	Y 371.029
Ga 417.204	0.002011	mg/L	0.001730	86.0	98.0683	0.201102 mg/L	Y 371.029
K 766.491	5.87466	mg/L	0.040232	0.7	446388	587.466 mg/L	Y 371.029
K 769.897	5.77581	mg/L	0.039560	0.7	347700	577.581 mg/L	Y 371.029
Li 610.365	0.005215	mg/L	0.000286	5.5	25.7619	0.521455 mg/L	Y 371.029
Li 670.783	0.003288	mg/L	0.000085	2.6	84655.3	0.328828 mg/L	Y 371.029
Mg 279.078	0.000020uv	mg/L	0.003671	18814.4	14.4278	0.001951 mg/L	Y 371.029
Mg 280.270	-0.001056uv	mg/L	0.000028	2.6	423.177	-0.105648 mg/L	Y 371.029
Mg 285.213	0.000701	mg/L	0.000213	30.4	116.961	0.070066 mg/L	Y 371.029
Mn 257.610	-0.000047uv	mg/L	0.000017	36.5	0.118900	-0.004742 mg/L	Y 371.029
Mn 259.372	-0.000030	mg/L	0.000014	46.7	64.6770	-0.003015 mg/L	Y 371.029
Mn 260.568	-0.000016uv	mg/L	0.000085	533.7	4.57579	-0.001594 mg/L	Y 371.029
Mo 202.032	0.002037	mg/L	0.001156	56.8	67.4745	0.203678 mg/L	Y 371.029
Mo 203.846	0.002117	mg/L	0.000813	38.4	24.9283	0.211665 mg/L	Y 371.029
Mo 204.598	0.001312	mg/L	0.001646	125.4	20.8688	0.131248 mg/L	Y 371.029
Na 568.821	17.3643	mg/L	0.146794	0.8	4857.55	1736.43 mg/L	Y 371.029
Na 588.995	17.5548	mg/L	0.136076	0.8	10857603	1755.48 mg/L	Y 371.029
Na 589.592	17.5068	mg/L	0.134005	0.8	5902428	1750.68 mg/L	Y 371.029
Ni 216.555	0.001000	mg/L	0.000750	75.0	7.82229	0.099997 mg/L	Y 371.029
Ni 221.648	0.000874	mg/L	0.001106	126.6	4.78853	0.087351 mg/L	Y 371.029
Ni 231.604	0.000094uv	mg/L	0.000408	433.8	8.23907	0.009395 mg/L	Y 371.029
P 177.434	-0.000237uv	mg/L	0.005127	2165.7	1.79323	-0.023672 mg/L	Y 371.029
P 213.618	0.001983	mg/L	0.002544	128.3	3.27320	0.198314 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.009146uv	mg/L	0.013273	145.1	3.89492	0.914638 mg/L	Y 371.029
Pb 220.353	0.001791	mg/L	0.001344	75.1	6.63284	0.179074 mg/L	Y 371.029
Pb 261.417	0.010797	mg/L	0.006216	57.6	28.8348	1.07970 mg/L	Y 371.029
Pb 405.781	0.005153	mg/L	0.003440	66.8	47.9687	0.515328 mg/L	Y 371.029
Sb 206.834	-0.003222uv	mg/L	0.001765	54.8	8.26558	-0.322157 mg/L	Y 371.029
Sb 231.146	-0.000800uv	mg/L	0.011891	1487.3	5.12642	-0.079951 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.012439	142.7	10.8951	uncal mg/L	Y 371.029
Se 196.026	-0.001636uv	mg/L	0.002513	153.6	5.53642	-0.163581 mg/L	Y 371.029
Se 203.985	0.011419	mg/L	0.005109	44.7	4.92967	1.14189 mg/L	Y 371.029
Si 250.690	-0.000610uv	mg/L	0.005355	877.7	42.4246	-0.061010 mg/L	Y 371.029
Si 251.611	0.000239	mg/L	0.000933	390.8	37.9320	0.023880 mg/L	Y 371.029
Si 288.158	0.004255	mg/L	0.001568	36.9	966.841	0.425464 mg/L	Y 371.029
Sn 189.927	-0.000802uv	mg/L	0.002531	315.4	3.19140	-0.080237 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.006186	68.5	21.1623	uncal mg/L	Y 371.029
Sr 216.596	0.025163	mg/L	0.000735	2.9	262.638	2.51632 mg/L	Y 371.029
Sr 407.771	0.024015	mg/L	0.000169	0.7	64901.5	2.40146 mg/L	Y 371.029
Sr 421.552	0.023606	mg/L	0.000149	0.6	40034.2	2.36063 mg/L	Y 371.029
Ti 334.941	-0.000003uv	mg/L	0.000042	1640.7	107.074	-0.000255 mg/L	Y 371.029
Ti 336.122	-0.000097uv	mg/L	0.000049	50.6	34.7775	-0.009687 mg/L	Y 371.029
Ti 337.280	0.000431	mg/L	0.000320	74.3	12.1026	0.043055 mg/L	Y 371.029
Tl 190.794	0.007966	mg/L	0.003140	39.4	3.33902	0.796591 mg/L	Y 371.029
Tl 190.807	0.003629uv	mg/L	0.008108	223.4	2.17141	0.362916 mg/L	Y 371.029
Tl 351.923	0.008064	mg/L	0.005596	69.4	26.9785	0.806397 mg/L	Y 371.029
V 268.796	-0.001629	mg/L	0.000404	24.8	45.8737	-0.162858 mg/L	Y 371.029
V 292.401	0.000418	mg/L	0.000241	57.7	44.3224	0.041758 mg/L	Y 371.029
V 311.837	0.001246	mg/L	0.000214	17.2	23.8856	0.124619 mg/L	Y 371.029
Zn 202.548	0.003927	mg/L	0.000343	8.7	818.369	0.392660 mg/L	Y 371.029
Zn 206.200	0.002853	mg/L	0.000315	11.0	254.622	0.285285 mg/L	Y 371.029
Zn 213.857	0.002452	mg/L	0.000516	21.1	1332.28	0.245220 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.22478	9821.28	45.072	0.5
Y 371.029	0.864521	142565	761.567	0.5

11C1255-19 (Samp) **4/7/2011, 2:49:26 PM** **Rack 3, Tube 55**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.017353uv	mg/L	0.000293	1.7	764.181	-0.017353 mg/L	Y 371.029
Ag 338.289	-0.010972uv	mg/L	0.000773	7.0	-1.00119	-0.010972 mg/L	Y 371.029
Al 237.312	0.289628	mg/L	0.007747	2.7	448.655	0.289628 mg/L	Y 371.029
Al 257.509	0.286726	mg/L	0.009177	3.2	195.782	0.286726 mg/L	Y 371.029
Al 308.215	0.280145	mg/L	0.002090	0.7	2550.74	0.280145 mg/L	Y 371.029
As 188.980	0.016486	mg/L	0.003903	23.7	9.60736	0.016486 mg/L	Y 371.029
As 193.696	0.013978	mg/L	0.000902	6.5	5.50465	0.013978 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010284	126.0	18.3575	uncal mg/L	Y 371.029
B 182.577	1.38138	mg/L	0.013183	1.0	708.858	1.38138 mg/L	Y 371.029
B 249.678	1.24833	mg/L	0.012230	1.0	11286.9	1.24833 mg/L	Y 371.029
B 249.772	1.28870	mg/L	0.011203	0.9	24220.8	1.28870 mg/L	Y 371.029
Ba 233.527	0.032037	mg/L	0.000065	0.2	1511.29	0.032037 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.033066	mg/L	0.000067	0.2	33549.3	0.033066 mg/L	Y 371.029
Ba 493.408	0.032066	mg/L	0.000107	0.3	19720.8	0.032066 mg/L	Y 371.029
Be 234.861	0.000128	mg/L	0.000005	4.0	2.87149	0.000128 mg/L	Y 371.029
Be 313.042	0.000179	mg/L	0.000010	5.4	1571.67	0.000179 mg/L	Y 371.029
Be 313.107	0.000007uv	mg/L	0.000023	311.3	80.9479	0.000007 mg/L	Y 371.029
Ca 393.366	10.0983n	mg/L	0.005405	0.1	12966135	10.0983 mg/L	Y 371.029
Ca 396.847	9.60734	mg/L	0.010386	0.1	19006416	9.60734 mg/L	Y 371.029
Ca 430.253	11.6139	mg/L	0.024323	0.2	53471.1	11.6139 mg/L	Y 371.029
Cd 214.439	0.000273	mg/L	0.000110	40.2	4.40035	0.000273 mg/L	Y 371.029
Cd 226.502	0.000049	mg/L	0.000113	228.7	23.1919	0.000049 mg/L	Y 371.029
Cd 228.802	0.000273uv	mg/L	0.000599	219.2	27.2687	0.000273 mg/L	Y 371.029
Co 228.615	0.000847uv	mg/L	0.000477	56.3	13.3003	0.000847 mg/L	Y 371.029
Co 230.786	0.001224	mg/L	0.000336	27.5	13.5289	0.001224 mg/L	Y 371.029
Co 238.892	-0.001254uv	mg/L	0.000359	28.7	3.65723	-0.001254 mg/L	Y 371.029
Cr 205.560	-0.000725uv	mg/L	0.000129	17.8	5.25520	-0.000725 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000449	45.2	4.65180	uncal mg/L	Y 371.029
Cr 267.716	0.000077	mg/L	0.000104	134.7	32.5352	0.000077 mg/L	Y 371.029
Cu 213.598	0.000982	mg/L	0.000374	38.1	17.6571	0.000982 mg/L	Y 371.029
Cu 324.754	0.005299	mg/L	0.000243	4.6	681.497	0.005299 mg/L	Y 371.029
Cu 327.395	0.002191	mg/L	0.000235	10.7	135.921	0.002191 mg/L	Y 371.029
Fe 234.350	0.027677	mg/L	0.000595	2.1	358.083	0.027677 mg/L	Y 371.029
Fe 238.204	0.026971	mg/L	0.000324	1.2	788.938	0.026971 mg/L	Y 371.029
Fe 259.940	0.027550	mg/L	0.000279	1.0	649.460	0.027550 mg/L	Y 371.029
Ga 287.423	0.000241uv	mg/L	0.003942	1634.7	17.1682	0.000241 mg/L	Y 371.029
Ga 294.363	0.001655	mg/L	0.000620	37.5	39.4301	0.001655 mg/L	Y 371.029
Ga 417.204	0.002580	mg/L	0.000658	25.5	107.417	0.002580 mg/L	Y 371.029
K 766.491	42.2382	mg/L	0.191257	0.5	3195166	42.2382 mg/L	Y 371.029
K 769.897	46.0199	mg/L	0.173085	0.4	2679784	46.0199 mg/L	Y 371.029
Li 610.365	0.019349	mg/L	0.000631	3.3	707.633	0.019349 mg/L	Y 371.029
Li 670.783	0.047392	mg/L	0.000129	0.3	251451	0.047392 mg/L	Y 371.029
Mg 279.078	0.788328	mg/L	0.005358	0.7	1395.66	0.788328 mg/L	Y 371.029
Mg 280.270	0.910542	mg/L	0.006531	0.7	83322.5	0.910542 mg/L	Y 371.029
Mg 285.213	0.789378	mg/L	0.004822	0.6	28125.1	0.789378 mg/L	Y 371.029
Mn 257.610	0.000616	mg/L	0.000008	1.3	197.682	0.000616 mg/L	Y 371.029
Mn 259.372	0.000332	mg/L	0.000056	16.8	401.739	0.000332 mg/L	Y 371.029
Mn 260.568	0.000884	mg/L	0.000166	18.8	32.4160	0.000884 mg/L	Y 371.029
Mo 202.032	0.328559	mg/L	0.015441	4.7	1375.52	0.328559 mg/L	Y 371.029
Mo 203.846	0.330060	mg/L	0.013224	4.0	551.291	0.330060 mg/L	Y 371.029
Mo 204.598	0.323165	mg/L	0.015204	4.7	647.508	0.323165 mg/L	Y 371.029
Na 568.821	90.0725	mg/L	0.081485	0.1	24677.1	90.0725 mg/L	Y 371.029
Na 588.995	-o	mg/L	1.04510	2.0	31630250	- mg/L	Y 371.029
Na 589.592	-o	mg/L	3.55945	4.5	26285738	- mg/L	Y 371.029
Ni 216.555	0.002393	mg/L	0.000109	4.5	15.2727	0.002393 mg/L	Y 371.029
Ni 221.648	0.002452	mg/L	0.000520	21.2	9.09454	0.002452 mg/L	Y 371.029
Ni 231.604	0.003181	mg/L	0.001269	39.9	18.8284	0.003181 mg/L	Y 371.029
P 177.434	0.048606	mg/L	0.007199	14.8	9.47155	0.048606 mg/L	Y 371.029
P 213.618	0.037061	mg/L	0.002196	5.9	32.1181	0.037061 mg/L	Y 371.029
P 214.914	0.056930	mg/L	0.008504	14.9	14.1407	0.056930 mg/L	Y 371.029
Pb 220.353	0.005707	mg/L	0.001362	23.9	12.3474	0.005707 mg/L	Y 371.029
Pb 261.417	-0.010129uv	mg/L	0.013091	129.2	26.3281	-0.010129 mg/L	Y 371.029
Pb 405.781	0.003398	mg/L	0.009775	287.6	58.7608	0.003398 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.014557uv	mg/L	0.002162	14.9	5.56725	-0.014557 mg/L	Y 371.029
Sb 231.146	0.016034	mg/L	0.010290	64.2	11.8066	0.016034 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.012377	530.3	7.50245	uncal mg/L	Y 371.029
Se 196.026	0.002442uv	mg/L	0.006408	262.4	6.52089	0.002442 mg/L	Y 371.029
Se 203.985	0.012392uv	mg/L	0.005245	42.3	4.11677	0.012392 mg/L	Y 371.029
Si 250.690	6.81244	mg/L	0.007960	0.1	9090.61	6.81244 mg/L	Y 371.029
Si 251.611	6.69793	mg/L	0.007123	0.1	10508.6	6.69793 mg/L	Y 371.029
Si 288.158	6.53509	mg/L	0.030639	0.5	52177.0	6.53509 mg/L	Y 371.029
Sn 189.927	0.002538	mg/L	0.003523	138.8	4.49767	0.002538 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.005908	27.2	11.6420	uncal mg/L	Y 371.029
Sr 216.596	0.149813	mg/L	0.000220	0.1	1453.08	0.149813 mg/L	Y 371.029
Sr 407.771	0.140449	mg/L	0.000590	0.4	351365	0.140449 mg/L	Y 371.029
Sr 421.552	0.137707	mg/L	0.000469	0.3	217259	0.137707 mg/L	Y 371.029
Ti 334.941	0.001029	mg/L	0.000200	19.5	322.807	0.001029 mg/L	Y 371.029
Ti 336.122	0.000587	mg/L	0.000237	40.5	100.518	0.000587 mg/L	Y 371.029
Ti 337.280	0.000823	mg/L	0.000085	10.3	31.9106	0.000823 mg/L	Y 371.029
Tl 190.794	0.005183	mg/L	0.001740	33.6	1.73834	0.005183 mg/L	Y 371.029
Tl 190.807	0.003890	mg/L	0.000885	22.8	3.29594	0.003890 mg/L	Y 371.029
Tl 351.923	0.006840uv	mg/L	0.005015	73.3	21.7485	0.006840 mg/L	Y 371.029
V 268.796	0.020374	mg/L	0.002293	11.3	657.692	0.020374 mg/L	Y 371.029
V 292.401	0.009419	mg/L	0.000146	1.6	342.886	0.009419 mg/L	Y 371.029
V 311.837	0.011054	mg/L	0.000089	0.8	465.875	0.011054 mg/L	Y 371.029
Zn 202.548	0.017338	mg/L	0.000396	2.3	1047.21	0.017338 mg/L	Y 371.029
Zn 206.200	0.017802	mg/L	0.000768	4.3	331.887	0.017802 mg/L	Y 371.029
Zn 213.857	0.016409	mg/L	0.000078	0.5	1722.91	0.016409 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23716	9920.52	54.464	0.5
Y 371.029	0.869650	143411	972.741	0.7

11C1255-19 (Samp) **4/7/2011, 2:53:40 PM** **Rack 3, Tube 56**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.014965uv	mg/L	0.000314	2.1	773.796	-0.149655 mg/L	Y 371.029
Ag 338.289	-0.011257uv	mg/L	0.000979	8.7	-1.74838	-0.112575 mg/L	Y 371.029
Al 237.312	0.030257	mg/L	0.006501	21.5	101.121	0.302574 mg/L	Y 371.029
Al 257.509	0.030793	mg/L	0.009574	31.1	32.8143	0.307927 mg/L	Y 371.029
Al 308.215	0.021814	mg/L	0.001436	6.6	1076.23	0.218141 mg/L	Y 371.029
As 188.980	0.003709uv	mg/L	0.003653	98.5	6.64642	0.037093 mg/L	Y 371.029
As 193.696	0.003960	mg/L	0.004181	105.6	2.65030	0.039600 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004398	148.4	14.1188	uncal mg/L	Y 371.029
B 182.577	0.141892	mg/L	0.001524	1.1	77.0527	1.41892 mg/L	Y 371.029
B 249.678	0.135903	mg/L	0.002020	1.5	1247.47	1.35903 mg/L	Y 371.029
B 249.772	0.137447	mg/L	0.001212	0.9	2626.04	1.37447 mg/L	Y 371.029
Ba 233.527	0.003217	mg/L	0.000203	6.3	327.573	0.032168 mg/L	Y 371.029
Ba 455.403	0.003285	mg/L	0.000031	0.9	7014.24	0.032853 mg/L	Y 371.029
Ba 493.408	0.003098	mg/L	0.000024	0.8	4174.41	0.030984 mg/L	Y 371.029
Be 234.861	0.000087	mg/L	0.000018	21.1	-2.34539	0.000869 mg/L	Y 371.029
Be 313.042	0.000172	mg/L	0.000008	4.8	1594.35	0.001716 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000018	mg/L	0.000010	55.6	86.9883	0.000183 mg/L	Y 371.029
Ca 393.366	1.13529n	mg/L	0.003401	0.3	1475501	11.3529 mg/L	Y 371.029
Ca 396.847	1.02603	mg/L	0.002478	0.2	2053809	10.2603 mg/L	Y 371.029
Ca 430.253	1.19202	mg/L	0.018189	1.5	6713.70	11.9202 mg/L	Y 371.029
Cd 214.439	0.000378	mg/L	0.000188	49.7	6.64021	0.003785 mg/L	Y 371.029
Cd 226.502	0.000107	mg/L	0.000006	5.4	22.4791	0.001070 mg/L	Y 371.029
Cd 228.802	0.000169uv	mg/L	0.000429	253.9	25.9118	0.001689 mg/L	Y 371.029
Co 228.615	0.000294uv	mg/L	0.000758	258.0	14.5120	0.002938 mg/L	Y 371.029
Co 230.786	0.000987	mg/L	0.000482	48.9	14.7126	0.009866 mg/L	Y 371.029
Co 238.892	-0.000136uv	mg/L	0.000468	344.5	6.40208	-0.001359 mg/L	Y 371.029
Cr 205.560	-0.000190uv	mg/L	0.000329	173.8	5.59424	-0.001895 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000115	75.5	2.15192	uncal mg/L	Y 371.029
Cr 267.716	0.000337	mg/L	0.000125	37.2	30.8781	0.003366 mg/L	Y 371.029
Cu 213.598	-0.000197uv	mg/L	0.000149	75.7	2.83239	-0.001972 mg/L	Y 371.029
Cu 324.754	0.001034	mg/L	0.000233	22.6	610.528	0.010342 mg/L	Y 371.029
Cu 327.395	0.000585	mg/L	0.000173	29.5	50.4946	0.005855 mg/L	Y 371.029
Fe 234.350	0.002333	mg/L	0.000365	15.7	43.7617	0.023330 mg/L	Y 371.029
Fe 238.204	0.002791	mg/L	0.000150	5.4	100.943	0.027912 mg/L	Y 371.029
Fe 259.940	0.003120	mg/L	0.000190	6.1	108.086	0.031201 mg/L	Y 371.029
Ga 287.423	-0.000861uv	mg/L	0.001304	151.6	10.8281	-0.008606 mg/L	Y 371.029
Ga 294.363	-0.000510uv	mg/L	0.001000	196.2	19.7807	-0.005100 mg/L	Y 371.029
Ga 417.204	0.001408uv	mg/L	0.001776	126.1	93.3681	0.014085 mg/L	Y 371.029
K 766.491	4.63138	mg/L	0.031453	0.7	352333	46.3138 mg/L	Y 371.029
K 769.897	4.53926	mg/L	0.030209	0.7	275936	45.3926 mg/L	Y 371.029
Li 610.365	0.004362	mg/L	0.000218	5.0	-15.3506	0.043623 mg/L	Y 371.029
Li 670.783	0.005374	mg/L	0.000085	1.6	92103.7	0.053745 mg/L	Y 371.029
Mg 279.078	0.074906	mg/L	0.006208	8.3	146.167	0.749063 mg/L	Y 371.029
Mg 280.270	0.086796	mg/L	0.001173	1.4	8372.96	0.867955 mg/L	Y 371.029
Mg 285.213	0.076065	mg/L	0.000373	0.5	2782.61	0.760647 mg/L	Y 371.029
Mn 257.610	-0.000015	mg/L	0.000014	96.3	14.3512	-0.000150 mg/L	Y 371.029
Mn 259.372	0.000156	mg/L	0.000056	35.7	104.860	0.001561 mg/L	Y 371.029
Mn 260.568	0.000181	mg/L	0.000296	164.1	8.65526	0.001806 mg/L	Y 371.029
Mo 202.032	0.056653	mg/L	0.004234	7.5	240.357	0.566527 mg/L	Y 371.029
Mo 203.846	0.057077	mg/L	0.004679	8.2	94.1192	0.570774 mg/L	Y 371.029
Mo 204.598	0.056549	mg/L	0.003122	5.5	104.843	0.565489 mg/L	Y 371.029
Na 568.821	8.21577	mg/L	0.140587	1.7	2358.23	82.1577 mg/L	Y 371.029
Na 588.995	8.61264	mg/L	0.016376	0.2	5482487	86.1264 mg/L	Y 371.029
Na 589.592	8.74679	mg/L	0.046587	0.5	2988538	87.4679 mg/L	Y 371.029
Ni 216.555	0.000556uv	mg/L	0.000555	99.7	5.27597	0.005565 mg/L	Y 371.029
Ni 221.648	0.000939	mg/L	0.001010	107.6	4.86002	0.009386 mg/L	Y 371.029
Ni 231.604	-0.000004uv	mg/L	0.000439	11578.2	7.91045	-0.000038 mg/L	Y 371.029
P 177.434	0.001545uv	mg/L	0.004329	280.2	2.14140	0.015450 mg/L	Y 371.029
P 213.618	0.001272uv	mg/L	0.004919	386.8	2.21005	0.012718 mg/L	Y 371.029
P 214.914	0.008998uv	mg/L	0.012598	140.0	3.94289	0.089980 mg/L	Y 371.029
Pb 220.353	0.000383uv	mg/L	0.000515	134.4	4.66233	0.003829 mg/L	Y 371.029
Pb 261.417	0.012840	mg/L	0.005951	46.3	28.8814	0.128396 mg/L	Y 371.029
Pb 405.781	0.014945	mg/L	0.002732	18.3	58.4827	0.149450 mg/L	Y 371.029
Sb 206.834	-0.001974uv	mg/L	0.004664	236.2	8.25875	-0.019744 mg/L	Y 371.029
Sb 231.146	0.015484	mg/L	0.005027	32.5	12.5133	0.154839 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006969	86.8	9.93303	uncal mg/L	Y 371.029
Se 196.026	0.005349	mg/L	0.000906	16.9	7.68107	0.053486 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.007184uv	mg/L	0.012551	174.7	4.35459	0.071843 mg/L	Y 371.029
Si 250.690	0.649263	mg/L	0.003313	0.5	904.320	6.49263 mg/L	Y 371.029
Si 251.611	0.644157	mg/L	0.004114	0.6	1032.70	6.44157 mg/L	Y 371.029
Si 288.158	0.624275	mg/L	0.012968	2.1	5783.79	6.24275 mg/L	Y 371.029
Sn 189.927	-0.002192uv	mg/L	0.001748	79.7	2.76138	-0.021921 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.001717	20.6	20.8743	uncal mg/L	Y 371.029
Sr 216.596	0.014328	mg/L	0.000475	3.3	157.899	0.143278 mg/L	Y 371.029
Sr 407.771	0.013786	mg/L	0.000031	0.2	39430.7	0.137860 mg/L	Y 371.029
Sr 421.552	0.013512	mg/L	0.000031	0.2	24162.0	0.135119 mg/L	Y 371.029
Ti 334.941	0.000160	mg/L	0.000207	129.3	138.557	0.001603 mg/L	Y 371.029
Ti 336.122	0.000196uv	mg/L	0.000195	99.4	60.6048	0.001958 mg/L	Y 371.029
Ti 337.280	0.000812	mg/L	0.000510	62.7	22.0098	0.008124 mg/L	Y 371.029
Tl 190.794	0.005600	mg/L	0.002293	40.9	2.57711	0.056001 mg/L	Y 371.029
Tl 190.807	0.005241uv	mg/L	0.006050	115.4	2.58469	0.052409 mg/L	Y 371.029
Tl 351.923	0.004265uv	mg/L	0.012312	288.7	21.7680	0.042651 mg/L	Y 371.029
V 268.796	0.004076	mg/L	0.001033	25.3	136.896	0.040762 mg/L	Y 371.029
V 292.401	0.000838	mg/L	0.000319	38.0	57.4010	0.008384 mg/L	Y 371.029
V 311.837	0.001528	mg/L	0.000102	6.7	35.7112	0.015275 mg/L	Y 371.029
Zn 202.548	0.006832	mg/L	0.000871	12.7	835.522	0.068317 mg/L	Y 371.029
Zn 206.200	0.007273	mg/L	0.001066	14.7	265.154	0.072728 mg/L	Y 371.029
Zn 213.857	0.005429	mg/L	0.000848	15.6	1362.52	0.054287 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.23627	9913.41	55.950	0.6
Y 371.029	0.869801	143436	1086.669	0.8

SEQ-CCVB (Samp) **4/7/2011, 2:57:25 PM** **Rack 3, Tube 57**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.080821	mg/L	0.001412	1.7	5433.57	0.080821 mg/L	Y 371.029
Ag 338.289	0.083345	mg/L	0.002152	2.6	276.376	0.083345 mg/L	Y 371.029
Al 237.312	2.54308	mg/L	0.058813	2.3	3393.39	2.54308 mg/L	Y 371.029
Al 257.509	2.52980	mg/L	0.047972	1.9	1537.79	2.52980 mg/L	Y 371.029
Al 308.215	2.49958	mg/L	0.043686	1.7	15969.1	2.49958 mg/L	Y 371.029
As 188.980	0.505378	mg/L	0.009629	1.9	200.232	0.505378 mg/L	Y 371.029
As 193.696	0.494336	mg/L	0.006970	1.4	221.364	0.494336 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.036717	6.0	690.150	uncal mg/L	Y 371.029
B 182.577	0.511142	mg/L	0.010239	2.0	265.549	0.511142 mg/L	Y 371.029
B 249.678	0.478528	mg/L	0.004550	1.0	4342.82	0.478528 mg/L	Y 371.029
B 249.772	0.486051	mg/L	0.004194	0.9	9172.78	0.486051 mg/L	Y 371.029
Ba 233.527	0.490873	mg/L	0.010795	2.2	20130.3	0.490873 mg/L	Y 371.029
Ba 455.403	0.504852	mg/L	0.008953	1.8	452460	0.504852 mg/L	Y 371.029
Ba 493.408	0.493094	mg/L	0.009279	1.9	265407	0.493094 mg/L	Y 371.029
Be 234.861	0.487776	mg/L	0.006193	1.3	56774.0	0.487776 mg/L	Y 371.029
Be 313.042	0.486907	mg/L	0.004796	1.0	816908	0.486907 mg/L	Y 371.029
Be 313.107	0.482020	mg/L	0.004303	0.9	390136	0.482020 mg/L	Y 371.029
Ca 393.366	4.70496n	mg/L	0.072306	1.5	6054294	4.70496 mg/L	Y 371.029
Ca 396.847	4.34184	mg/L	0.069433	1.6	8608359	4.34184 mg/L	Y 371.029
Ca 430.253	5.05302	mg/L	0.076991	1.5	23997.2	5.05302 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.262678	mg/L	0.004313	1.6	5753.82	0.262678 mg/L	Y 371.029
Cd 226.502	0.249630	mg/L	0.004143	1.7	9916.01	0.249630 mg/L	Y 371.029
Cd 228.802	0.253653	mg/L	0.003442	1.4	3882.54	0.253653 mg/L	Y 371.029
Co 228.615	0.510511	mg/L	0.007811	1.5	4937.97	0.510511 mg/L	Y 371.029
Co 230.786	0.504095	mg/L	0.007139	1.4	3292.35	0.504095 mg/L	Y 371.029
Co 238.892	0.499671	mg/L	0.009347	1.9	3005.17	0.499671 mg/L	Y 371.029
Cr 205.560	0.501816	mg/L	0.015247	3.0	2156.12	0.501816 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.016569	3.3	886.640	uncal mg/L	Y 371.029
Cr 267.716	0.488551	mg/L	0.007874	1.6	10856.7	0.488551 mg/L	Y 371.029
Cu 213.598	0.513278	mg/L	0.014684	2.9	2238.66	0.513278 mg/L	Y 371.029
Cu 324.754	0.508514	mg/L	0.009068	1.8	17498.6	0.508514 mg/L	Y 371.029
Cu 327.395	0.501238	mg/L	0.009031	1.8	21465.1	0.501238 mg/L	Y 371.029
Fe 234.350	0.486897	mg/L	0.008270	1.7	4702.23	0.486897 mg/L	Y 371.029
Fe 238.204	0.488206	mg/L	0.006478	1.3	9793.18	0.488206 mg/L	Y 371.029
Fe 259.940	0.488144	mg/L	0.012721	2.6	7815.15	0.488144 mg/L	Y 371.029
Ga 287.423	0.508520	mg/L	0.012075	2.4	1227.02	0.508520 mg/L	Y 371.029
Ga 294.363	0.495126	mg/L	0.010115	2.0	3191.69	0.495126 mg/L	Y 371.029
Ga 417.204	0.518919	mg/L	0.009506	1.8	5253.84	0.518919 mg/L	Y 371.029
K 766.491	5.42891	mg/L	0.070932	1.3	412788	5.42891 mg/L	Y 371.029
K 769.897	5.34091	mg/L	0.074486	1.4	322616	5.34091 mg/L	Y 371.029
Li 610.365	1.04292	mg/L	0.017441	1.7	50087.1	1.04292 mg/L	Y 371.029
Li 670.783	0.998491	mg/L	0.019983	2.0	3797251	0.998491 mg/L	Y 371.029
Mg 279.078	5.01186	mg/L	0.076971	1.5	8808.84	5.01186 mg/L	Y 371.029
Mg 280.270	5.83143	mg/L	0.114275	2.0	530201	5.83143 mg/L	Y 371.029
Mg 285.213	5.23496	mg/L	0.098026	1.9	185742	5.23496 mg/L	Y 371.029
Mn 257.610	0.494092	mg/L	0.007091	1.4	75932.5	0.494092 mg/L	Y 371.029
Mn 259.372	0.490193	mg/L	0.007135	1.5	56455.4	0.490193 mg/L	Y 371.029
Mn 260.568	0.500536	mg/L	0.010966	2.2	10050.2	0.500536 mg/L	Y 371.029
Mo 202.032	1.03542	mg/L	0.008566	0.8	3705.93	1.03542 mg/L	Y 371.029
Mo 203.846	1.04463	mg/L	0.023050	2.2	1489.51	1.04463 mg/L	Y 371.029
Mo 204.598	1.02037	mg/L	0.022652	2.2	1749.98	1.02037 mg/L	Y 371.029
Na 568.821	4.98404	mg/L	0.114875	2.3	1496.74	4.98404 mg/L	Y 371.029
Na 588.995	5.53858	mg/L	0.075744	1.4	3639330	5.53858 mg/L	Y 371.029
Na 589.592	5.34160	mg/L	0.088209	1.7	1859023	5.34160 mg/L	Y 371.029
Ni 216.555	1.01167	mg/L	0.016988	1.7	5803.18	1.01167 mg/L	Y 371.029
Ni 221.648	1.01463	mg/L	0.016697	1.6	2305.33	1.01463 mg/L	Y 371.029
Ni 231.604	1.02001	mg/L	0.020603	2.0	3770.96	1.02001 mg/L	Y 371.029
P 177.434	0.503412	mg/L	0.016002	3.2	85.5945	0.503412 mg/L	Y 371.029
P 213.618	0.514440	mg/L	0.011553	2.2	374.820	0.514440 mg/L	Y 371.029
P 214.914	0.501667	mg/L	0.016350	3.3	111.929	0.501667 mg/L	Y 371.029
Pb 220.353	1.02870	mg/L	0.016231	1.6	1344.74	1.02870 mg/L	Y 371.029
Pb 261.417	1.00913	mg/L	0.018977	1.9	559.668	1.00913 mg/L	Y 371.029
Pb 405.781	1.02853	mg/L	0.023389	2.3	1470.72	1.02853 mg/L	Y 371.029
Sb 206.834	0.838222	mg/L	0.015422	1.8	549.853	0.838222 mg/L	Y 371.029
Sb 231.146	0.874620	mg/L	0.024216	2.8	428.249	0.874620 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.009860	1.1	368.687	uncal mg/L	Y 371.029
Se 196.026	0.995679	mg/L	0.013250	1.3	326.852	0.995679 mg/L	Y 371.029
Se 203.985	1.01785	mg/L	0.029873	2.9	192.841	1.01785 mg/L	Y 371.029
Si 250.690	0.994580	mg/L	0.024180	2.4	1371.47	0.994580 mg/L	Y 371.029
Si 251.611	0.980170	mg/L	0.021309	2.2	1583.45	0.980170 mg/L	Y 371.029
Si 288.158	0.957755	mg/L	0.008841	0.9	8398.84	0.957755 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.976986	mg/L	0.014943	1.5	301.757	0.976986 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.029812	2.4	2098.51	uncal mg/L	Y 371.029
Sr 216.596	0.515491	mg/L	0.008186	1.6	4941.74	0.515491 mg/L	Y 371.029
Sr 407.771	0.479393	mg/L	0.010530	2.2	1183171	0.479393 mg/L	Y 371.029
Sr 421.552	0.474218	mg/L	0.006429	1.4	738542	0.474218 mg/L	Y 371.029
Ti 334.941	0.471482	mg/L	0.007669	1.6	95949.9	0.471482 mg/L	Y 371.029
Ti 336.122	0.483006	mg/L	0.009339	1.9	41974.1	0.483006 mg/L	Y 371.029
Ti 337.280	0.496361	mg/L	0.012719	2.6	14904.4	0.496361 mg/L	Y 371.029
Tl 190.794	0.496401	mg/L	0.004503	0.9	188.318	0.496401 mg/L	Y 371.029
Tl 190.807	0.500628	mg/L	0.011219	2.2	101.891	0.500628 mg/L	Y 371.029
Tl 351.923	0.479246	mg/L	0.006214	1.3	687.331	0.479246 mg/L	Y 371.029
V 268.796	0.518271	mg/L	0.010408	2.0	5433.29	0.518271 mg/L	Y 371.029
V 292.401	0.508414	mg/L	0.009277	1.8	16660.5	0.508414 mg/L	Y 371.029
V 311.837	0.512042	mg/L	0.009605	1.9	22815.0	0.512042 mg/L	Y 371.029
Zn 202.548	0.523522	mg/L	0.009164	1.8	6381.78	0.523522 mg/L	Y 371.029
Zn 206.200	0.520347	mg/L	0.013715	2.6	1982.22	0.520347 mg/L	Y 371.029
Zn 213.857	0.512853	mg/L	0.003946	0.8	10493.8	0.512853 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.25191	10038.8	59.305	0.6
Y 371.029	0.885388	146007	978.020	0.7

SEQ-CCBB (Samp) **4/7/2011, 3:01:18 PM** **Rack 3, Tube 58**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.015327uv	mg/L	0.000274	1.8	745.617	-0.015327 mg/L	Y 371.029
Ag 338.289	-0.010028uv	mg/L	0.002169	21.6	1.96215	-0.010028 mg/L	Y 371.029
Al 237.312	0.006707uv	mg/L	0.007532	112.3	69.4983	0.006707 mg/L	Y 371.029
Al 257.509	0.009434	mg/L	0.002640	28.0	19.1045	0.009434 mg/L	Y 371.029
Al 308.215	-0.006456uv	mg/L	0.000357	5.5	914.082	-0.006456 mg/L	Y 371.029
As 188.980	0.010963	mg/L	0.002013	18.4	9.64707	0.010963 mg/L	Y 371.029
As 193.696	0.006685	mg/L	0.005036	75.3	4.02292	0.006685 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.000912	9.4	21.5599	uncal mg/L	Y 371.029
B 182.577	0.007601	mg/L	0.001333	17.5	8.59921	0.007601 mg/L	Y 371.029
B 249.678	0.007900	mg/L	0.001153	14.6	92.5005	0.007900 mg/L	Y 371.029
B 249.772	0.008925	mg/L	0.002192	24.6	215.427	0.008925 mg/L	Y 371.029
Ba 233.527	-0.000007uv	mg/L	0.000167	2533.5	195.299	-0.000007 mg/L	Y 371.029
Ba 455.403	0.000070	mg/L	0.000022	31.5	4148.26	0.000070 mg/L	Y 371.029
Ba 493.408	-0.000037uv	mg/L	0.000020	54.0	2491.97	-0.000037 mg/L	Y 371.029
Be 234.861	0.000092	mg/L	0.000011	12.4	-1.79935	0.000092 mg/L	Y 371.029
Be 313.042	0.000168	mg/L	0.000006	3.5	1591.52	0.000168 mg/L	Y 371.029
Be 313.107	0.000026	mg/L	0.000016	62.8	92.7583	0.000026 mg/L	Y 371.029
Ca 393.366	-0.002806nuv	mg/L	0.000058	2.1	16575.5	-0.002806 mg/L	Y 371.029
Ca 396.847	-0.002019uv	mg/L	0.000048	2.4	22982.3	-0.002019 mg/L	Y 371.029
Ca 430.253	-0.029109uv	mg/L	0.005518	19.0	1240.20	-0.029109 mg/L	Y 371.029
Cd 214.439	0.000358	mg/L	0.000098	27.4	6.18488	0.000358 mg/L	Y 371.029
Cd 226.502	0.000103	mg/L	0.000052	50.7	21.9970	0.000103 mg/L	Y 371.029
Cd 228.802	-0.000207uv	mg/L	0.000380	183.2	20.2109	-0.000207 mg/L	Y 371.029
Co 228.615	0.000160	mg/L	0.000081	50.5	13.8304	0.000160 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	-0.000095uv	mg/L	0.000796	838.7	7.89034	-0.000095 mg/L	Y 371.029
Co 238.892	0.000430	mg/L	0.000194	45.2	9.40291	0.000430 mg/L	Y 371.029
Cr 205.560	-0.000153uv	mg/L	0.000291	189.9	5.55375	-0.000153 mg/L	Y 371.029
Cr 206.158	uncal	mg/L	0.000059	4.5	4.04184	uncal mg/L	Y 371.029
Cr 267.716	-0.000040uv	mg/L	0.000135	339.6	21.8235	-0.000040 mg/L	Y 371.029
Cu 213.598	-0.000166uv	mg/L	0.000244	147.0	1.98464	-0.000166 mg/L	Y 371.029
Cu 324.754	0.000579	mg/L	0.000151	26.1	602.374	0.000579 mg/L	Y 371.029
Cu 327.395	0.000806	mg/L	0.000420	52.2	58.2537	0.000806 mg/L	Y 371.029
Fe 234.350	-0.000295uv	mg/L	0.000212	72.1	11.5359	-0.000295 mg/L	Y 371.029
Fe 238.204	0.000143uv	mg/L	0.000602	419.9	28.0228	0.000143 mg/L	Y 371.029
Fe 259.940	0.000305	mg/L	0.000154	50.6	48.4910	0.000305 mg/L	Y 371.029
Ga 287.423	0.002803	mg/L	0.002119	75.6	19.0181	0.002803 mg/L	Y 371.029
Ga 294.363	0.000533uv	mg/L	0.000741	138.9	25.8990	0.000533 mg/L	Y 371.029
Ga 417.204	0.001280uv	mg/L	0.001203	94.0	92.0320	0.001280 mg/L	Y 371.029
K 766.491	0.002400	mg/L	0.000318	13.3	2424.66	0.002400 mg/L	Y 371.029
K 769.897	0.012405	mg/L	0.000515	4.2	13612.0	0.012405 mg/L	Y 371.029
Li 610.365	0.004970	mg/L	0.000194	3.9	13.9436	0.004970 mg/L	Y 371.029
Li 670.783	0.001155	mg/L	0.000035	3.0	76106.7	0.001155 mg/L	Y 371.029
Mg 279.078	-0.000079uv	mg/L	0.001499	1907.7	14.8231	-0.000079 mg/L	Y 371.029
Mg 280.270	-0.001556uv	mg/L	0.000059	3.8	335.029	-0.001556 mg/L	Y 371.029
Mg 285.213	0.000162uv	mg/L	0.000247	152.2	86.3131	0.000162 mg/L	Y 371.029
Mn 257.610	-0.000062uv	mg/L	0.000031	50.8	-0.619453	-0.000062 mg/L	Y 371.029
Mn 259.372	0.000030	mg/L	0.000019	62.2	61.7440	0.000030 mg/L	Y 371.029
Mn 260.568	0.000065uv	mg/L	0.000137	211.8	5.37069	0.000065 mg/L	Y 371.029
Mo 202.032	0.028209	mg/L	0.002363	8.4	122.933	0.028209 mg/L	Y 371.029
Mo 203.846	0.027153	mg/L	0.002738	10.1	44.9119	0.027153 mg/L	Y 371.029
Mo 204.598	0.029257	mg/L	0.004260	14.6	49.7723	0.029257 mg/L	Y 371.029
Na 568.821	0.301339	mg/L	0.069551	23.1	200.077	0.301339 mg/L	Y 371.029
Na 588.995	-0.132420uv	mg/L	0.001492	1.1	225858	-0.132420 mg/L	Y 371.029
Na 589.592	-0.002959uv	mg/L	0.000105	3.5	78076.6	-0.002959 mg/L	Y 371.029
Ni 216.555	0.000602	mg/L	0.000063	10.5	5.58676	0.000602 mg/L	Y 371.029
Ni 221.648	0.000287	mg/L	0.000168	58.7	3.30218	0.000287 mg/L	Y 371.029
Ni 231.604	0.000607	mg/L	0.000335	55.3	10.2324	0.000607 mg/L	Y 371.029
P 177.434	0.005087uv	mg/L	0.004787	94.1	2.77207	0.005087 mg/L	Y 371.029
P 213.618	0.001851uv	mg/L	0.003334	180.1	2.13779	0.001851 mg/L	Y 371.029
P 214.914	0.007580	mg/L	0.012318	162.5	3.61100	0.007580 mg/L	Y 371.029
Pb 220.353	0.001385uv	mg/L	0.003674	265.3	5.89337	0.001385 mg/L	Y 371.029
Pb 261.417	0.011413	mg/L	0.006638	58.2	27.1790	0.011413 mg/L	Y 371.029
Pb 405.781	0.007483	mg/L	0.007313	97.7	46.5240	0.007483 mg/L	Y 371.029
Sb 206.834	0.044645	mg/L	0.001973	4.4	37.6036	0.044645 mg/L	Y 371.029
Sb 231.146	0.045636	mg/L	0.008551	18.7	27.0307	0.045636 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006534	12.2	27.6233	uncal mg/L	Y 371.029
Se 196.026	0.010695	mg/L	0.004521	42.3	9.41857	0.010695 mg/L	Y 371.029
Se 203.985	0.010920	mg/L	0.009179	84.1	5.15711	0.010920 mg/L	Y 371.029
Si 250.690	-0.012842uv	mg/L	0.001151	9.0	24.9555	-0.012842 mg/L	Y 371.029
Si 251.611	-0.003586uv	mg/L	0.000954	26.6	18.8610	-0.003586 mg/L	Y 371.029
Si 288.158	-0.003467uv	mg/L	0.000652	18.8	856.387	-0.003467 mg/L	Y 371.029
Sn 189.927	0.000178uv	mg/L	0.002741	1541.7	3.45792	0.000178 mg/L	Y 371.029
Sn 283.998	uncal	mg/L	0.004397	43.5	19.0776	uncal mg/L	Y 371.029
Sr 216.596	-0.000142uv	mg/L	0.000236	165.7	19.5582	-0.000142 mg/L	Y 371.029
Sr 407.771	-0.000034uv	mg/L	0.000006	19.0	5398.79	-0.000034 mg/L	Y 371.029

110406B. All Data Report 4/11/2011, 10:44:15

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	-0.000053uv	mg/L	0.000009	16.7	3072.92	-0.000053 mg/L	Y 371.029
Ti 334.941	0.000776	mg/L	0.000139	17.9	262.639	0.000776 mg/L	Y 371.029
Ti 336.122	0.000540	mg/L	0.000353	65.3	89.8879	0.000540 mg/L	Y 371.029
Ti 337.280	0.000998	mg/L	0.000250	25.1	26.6245	0.000998 mg/L	Y 371.029
Tl 190.794	0.003909	mg/L	0.001460	37.3	2.00859	0.003909 mg/L	Y 371.029
Tl 190.807	0.001817uv	mg/L	0.003394	186.8	1.80662	0.001817 mg/L	Y 371.029
Tl 351.923	0.003405	mg/L	0.000301	8.8	20.9063	0.003405 mg/L	Y 371.029
V 268.796	0.001112	mg/L	0.000577	51.9	71.3440	0.001112 mg/L	Y 371.029
V 292.401	0.000096uv	mg/L	0.000397	415.4	32.6395	0.000096 mg/L	Y 371.029
V 311.837	0.001216	mg/L	0.000101	8.3	21.3222	0.001216 mg/L	Y 371.029
Zn 202.548	0.003891	mg/L	0.000414	10.6	794.611	0.003891 mg/L	Y 371.029
Zn 206.200	0.003578	mg/L	0.000460	12.9	249.736	0.003578 mg/L	Y 371.029
Zn 213.857	0.002376	mg/L	0.000264	11.1	1292.27	0.002376 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.24513	9984.43	31.623	0.3
Y 371.029	0.881875	145427	311.273	0.2

4/6/2011 5:53:12 PM	Worksheet created from template
4/6/2011 5:53:12 PM	>>>New Worksheet2011C.vwst
4/6/2011 6:09:26 PM	Analysis started.
4/6/2011 6:12:27 PM	**Measured Blank**
4/6/2011 6:16:42 PM	**Measured Standard 1**
4/6/2011 6:20:26 PM	Request to stop the worksheet run after completing this solution.
4/6/2011 6:19:41 PM	**Measured Standard 2**
4/6/2011 6:22:25 PM	Analysis started.
4/6/2011 6:25:28 PM	**Measured Blank**
4/6/2011 6:28:30 PM	**Measured Standard 1**
4/6/2011 6:32:05 PM	**Measured Standard 2**
4/6/2011 6:35:45 PM	**Measured Standard 3**
4/6/2011 6:39:29 PM	**Measured Standard 4**
4/6/2011 6:43:21 PM	**Measured Standard 5**
4/6/2011 6:47:34 PM	**Measured Standard 6**
4/6/2011 6:51:48 PM	**Measured Standard 7**
4/6/2011 6:53:16 PM	Calibration(Reslope) failed [Ag 328.068]: Maximum error has been exceeded.
4/6/2011 6:53:16 PM	Calibration(Reslope) failed [Cr 206.158]: Maximum error has been exceeded.
4/6/2011 6:53:16 PM	Calibration(Reslope) failed [Sn 283.998]: Maximum error has been exceeded.
4/6/2011 6:53:16 PM	Calibration(Reslope) failed [Ag 338.289]: Maximum error has been exceeded.
4/6/2011 6:53:16 PM	Calibration(Reslope) failed [As 228.812]: Maximum error has been exceeded.
4/6/2011 6:53:16 PM	Calibration(Reslope) failed [Sb 259.804]: Maximum error has been exceeded.
4/6/2011 6:53:16 PM	Continuing in emission.
4/6/2011 6:53:22 PM	Analysis completed.
4/6/2011 6:56:52 PM	Analysis started.
4/6/2011 6:59:55 PM	**Measured SEQ-ICV1**
4/6/2011 7:01:30 PM	Analysis completed.
4/6/2011 7:08:50 PM	Analysis started.
4/6/2011 7:11:51 PM	**Measured SEQ-ICV2**
4/6/2011 7:13:26 PM	Analysis completed.
4/6/2011 7:14:46 PM	Analysis started.
4/6/2011 7:17:47 PM	**Measured SEQ-ICB1**
4/6/2011 7:20:46 PM	**Measured SEQ-LCV1**
4/6/2011 7:24:28 PM	**Measured SEQ-HCV1**
4/6/2011 7:26:03 PM	Analysis completed.
4/6/2011 7:33:15 PM	Analysis started.
4/6/2011 7:36:16 PM	**Measured SEQ-IFA1**
4/6/2011 7:40:29 PM	**Measured SEQ-IFB1**
4/6/2011 7:44:43 PM	**Measured SEQ-CCV1**
4/6/2011 7:48:38 PM	**Measured SEQ-CCB1**
4/6/2011 7:51:52 PM	**Measured 1115032-BLK1**
4/6/2011 7:55:46 PM	**Measured 1115032-BS1**
4/6/2011 7:59:59 PM	**Measured 1115032-BS2**
4/6/2011 8:03:48 PM	**Measured 11C1668-01**
4/6/2011 8:07:45 PM	**Measured 1115032-DUP1**
4/6/2011 8:11:43 PM	**Measured 1115032-MS1**
4/6/2011 8:15:39 PM	**Measured 1115032-MSD1**
4/6/2011 8:19:37 PM	**Measured 11C1584-01**
4/6/2011 8:23:11 PM	**Measured 11C1584-02**
4/6/2011 8:26:49 PM	**Measured 11C1584-03**
4/6/2011 8:30:23 PM	**Measured SEQ-CCV2**
4/6/2011 8:34:15 PM	**Measured SEQ-CCB2**
4/6/2011 8:37:14 PM	**Measured 11C1584-04**
4/6/2011 8:40:49 PM	**Measured 11C1584-05**
4/6/2011 8:44:24 PM	**Measured 1115055-BLK1**
4/6/2011 8:47:24 PM	**Measured 1115055-BS1**
4/6/2011 8:51:56 PM	Request to stop the worksheet run after completing this solution.
4/6/2011 8:51:18 PM	**Measured 1115055-BS2**
4/6/2011 8:57:52 PM	Analysis started.
4/6/2011 9:00:53 PM	**Measured 11C1612-03**
4/6/2011 9:05:08 PM	**Measured 11C1612-04**
4/6/2011 9:09:05 PM	**Measured 11C1612-07**
4/6/2011 9:13:05 PM	**Measured 11C1612-08**
4/6/2011 9:17:02 PM	**Measured 11C1648-04**
4/6/2011 9:21:16 PM	**Measured SEQ-CCV3**
4/6/2011 9:25:30 PM	**Measured SEQ-CCB3**
4/6/2011 9:28:32 PM	**Measured 1115032-PS1**
4/6/2011 9:32:46 PM	**Measured 11C1648-05**
4/6/2011 9:36:59 PM	**Measured 11C1675-01**
4/6/2011 9:41:03 PM	**Measured 11C1695-09**
4/6/2011 9:45:01 PM	**Measured 11C1695-10**
4/6/2011 9:49:14 PM	**Measured 11C1695-11**
4/6/2011 9:53:08 PM	**Measured 11C1695-12**
4/6/2011 9:57:23 PM	**Measured 11C1700-01**
4/6/2011 10:01:35 PM	**Measured 11C1700-02**
4/6/2011 10:05:23 PM	**Measured 11D0056-01**
4/6/2011 10:09:17 PM	**Measured SEQ-CCV4**
4/6/2011 10:13:31 PM	**Measured SEQ-CCB4**
4/6/2011 10:16:34 PM	**Measured 11D0057-01**
4/6/2011 10:20:48 PM	**Measured 1115055-DUP1**
4/6/2011 10:24:40 PM	**Measured 1115055-MS1**
4/6/2011 10:28:54 PM	**Measured 1115055-MSD1**
4/6/2011 10:32:50 PM	**Measured 1115055-SRD1**
4/6/2011 10:36:34 PM	**Measured 11D0063-01**
4/6/2011 10:40:27 PM	**Measured 11D0065-01**
4/6/2011 10:44:18 PM	**Measured 11D0068-01**
4/6/2011 10:48:10 PM	**Measured 11D0077-01**

4/6/2011 10:52:07 PM	**Measured SEQ-CCV5**
4/6/2011 10:55:59 PM	**Measured SEQ-CCB5**
4/6/2011 10:56:29 PM	Analysis completed.
4/7/2011 9:20:03 AM	Analysis started.
4/7/2011 9:23:04 AM	**Measured SEQ-CCV6**
4/7/2011 9:27:19 AM	**Measured SEQ-CCB6**
4/7/2011 9:27:46 AM	Analysis completed.
4/7/2011 9:44:50 AM	Analysis started.
4/7/2011 9:47:51 AM	**Measured 1115076-BLK1**
4/7/2011 9:50:51 AM	**Measured 1115076-BS1**
4/7/2011 9:55:05 AM	**Measured 11C1255-01**
4/7/2011 9:59:12 AM	**Measured 11C1255-02**
4/7/2011 10:03:26 AM	**Measured 1115076-DUP1**
4/7/2011 10:07:24 AM	**Measured 1115076-MS1**
4/7/2011 10:11:39 AM	**Measured 1115076-MSD1**
4/7/2011 10:15:36 AM	**Measured 1115076-SRD1**
4/7/2011 10:19:27 AM	**Measured 11C1255-05**
4/7/2011 10:23:40 AM	**Measured 11C1255-06**
4/7/2011 10:27:40 AM	**Measured SEQ-CCV7**
4/7/2011 10:31:52 AM	**Measured SEQ-CCB7**
4/7/2011 10:34:52 AM	**Measured 11C1255-10**
4/7/2011 10:39:05 AM	**Measured 11C1255-11**
4/7/2011 10:43:18 AM	**Measured 11C1255-12**
4/7/2011 10:47:30 AM	**Measured 11C1255-13**
4/7/2011 10:51:43 AM	**Measured 11C1255-14**
4/7/2011 10:55:55 AM	**Measured 11C1255-15**
4/7/2011 11:00:03 AM	**Measured 11C1255-20**
4/7/2011 11:04:17 AM	**Measured 11C1255-45**
4/7/2011 11:08:31 AM	**Measured 11C1255-46**
4/7/2011 11:12:45 AM	**Measured 11C1255-47**
4/7/2011 11:16:58 AM	**Measured SEQ-CCV8**
4/7/2011 11:21:10 AM	**Measured SEQ-CCB8**
4/7/2011 11:21:38 AM	Analysis completed.
4/7/2011 11:23:37 AM	Analysis started.
4/7/2011 11:26:39 AM	**Measured 11C1255-48**
4/7/2011 11:30:52 AM	**Measured 11C1255-49**
4/7/2011 11:32:18 AM	Analysis completed.
4/7/2011 11:46:13 AM	Analysis started.
4/7/2011 11:49:15 AM	**Measured 11C1255-01**
4/7/2011 11:53:08 AM	**Measured 11C1255-02**
4/7/2011 11:57:03 AM	**Measured 1115076-DUP1**
4/7/2011 12:00:57 PM	**Measured 1115076-PS1**
4/7/2011 12:05:10 PM	**Measured 11C1255-05**
4/7/2011 12:09:13 PM	**Measured 11C1727-01**
4/7/2011 12:13:03 PM	**Measured 11C1727-02**
4/7/2011 12:14:15 PM	Analysis completed.
4/7/2011 12:18:15 PM	Analysis started.
4/7/2011 12:21:16 PM	**Measured 11C1255-06**
4/7/2011 12:25:29 PM	**Measured SEQ-CCV9**
4/7/2011 12:29:40 PM	**Measured SEQ-CCB9**
4/7/2011 12:30:09 PM	Analysis completed.
4/7/2011 12:34:50 PM	Analysis started.
4/7/2011 12:37:52 PM	**Measured 11C1255-10**
4/7/2011 12:41:43 PM	**Measured 11C1255-11**
4/7/2011 12:45:35 PM	**Measured 11C1255-12**
4/7/2011 12:49:22 PM	**Measured 11C1255-13**
4/7/2011 12:53:13 PM	**Measured 11C1255-14**
4/7/2011 12:57:47 PM	Request to stop the worksheet run after completing this solution.
4/7/2011 12:57:01 PM	**Measured 11C1255-15**
4/7/2011 1:01:44 PM	Analysis started.
4/7/2011 1:04:46 PM	**Measured 1114246-BS1**
4/7/2011 1:08:58 PM	**Measured 1114246-BS2**
4/7/2011 1:12:48 PM	**Measured 11C1255-20**
4/7/2011 1:16:52 PM	**Measured 11C1255-45**
4/7/2011 1:20:46 PM	**Measured SEQ-CCVA**
4/7/2011 1:24:39 PM	**Measured SEQ-CCBA**
4/7/2011 1:27:38 PM	**Measured 11C1255-46**
4/7/2011 1:31:31 PM	**Measured 11C1255-47**
4/7/2011 1:32:54 PM	Analysis completed.
4/7/2011 1:50:12 PM	Analysis started.
4/7/2011 1:53:14 PM	**Measured 11C1255-48**
4/7/2011 1:57:28 PM	**Measured 11C1255-49**
4/7/2011 1:58:59 PM	Analysis completed.
4/7/2011 2:17:59 PM	Analysis started.
4/7/2011 2:21:01 PM	**Measured 11C1700-01**
4/7/2011 2:22:31 PM	Analysis completed.
4/7/2011 2:23:59 PM	Analysis started.
4/7/2011 2:27:01 PM	**Measured 11C1255-13**
4/7/2011 2:30:53 PM	**Measured 11C1255-15**
4/7/2011 2:34:40 PM	**Measured 11C1255-20**
4/7/2011 2:36:00 PM	Analysis completed.
4/7/2011 2:46:25 PM	Analysis started.
4/7/2011 2:49:26 PM	**Measured 11C1255-19**
4/7/2011 2:53:40 PM	**Measured 11C1255-19**
4/7/2011 2:57:25 PM	**Measured SEQ-CCVB**
4/7/2011 3:01:18 PM	**Measured SEQ-CCBB**
4/7/2011 3:01:49 PM	Analysis completed.

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D1101 **Matrix:** Water **Department:** SVOC GCMS **Instrument:** MSD5

Injection Log

Data Directory: C:\MSD5\2011\APR\APR0811\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) S5040801.D				
SEQ-TUN	PCP,DFTPP,BENZ,DDT	100	1.000	8 Apr 2011 12:36 pm
2) S5040802.D				
SEQ-CCV	MC12320 >1mL=40ppm	1	1.000	8 Apr 2011 1:10 pm
3) S5040803.D				
SEQ-ICB	MB10749,1ml	2	1.000	8 Apr 2011 1:45 pm
4) S5040804.D				
1115173-BS1	1,50 PPM LCS,1000ml+	3	1.000	8 Apr 2011 2:19 pm
5) S5040805.D				
1115173-BSD1	1,50 PPM LCS,1000ml+	4	1.000	8 Apr 2011 2:54 pm
6) S5040806.D				
1115173-BLK1	1,METHOD BLANK,1000m	5	1.000	8 Apr 2011 3:28 pm
7) S5040807.D				
11C1255-19RE1	10,SEVERSTAL,10ul/1m	6	1.000	8 Apr 2011 4:03 pm
8) S5040808.D				
11D0259-02	1,RICHMOND,1000ml+1m	7	1.000	8 Apr 2011 4:38 pm
9) S5040809.D				
11D0332-02	1,RICHMOND,1000ml+1m	8	1.000	8 Apr 2011 5:12 pm
10) S5040810.D				
11D0334-02RE1	50,RICHMOND,20ul/1ml	9	1.000	8 Apr 2011 5:47 pm
11) S5040811.D				
11D0251-02RE1	50,RICHMOND,20ul/1ml	10	1.000	8 Apr 2011 6:21 pm
12) S5040812.D				
11C1255-19	1,SEVERSTAL,1000ml+1	11	1.000	8 Apr 2011 6:56 pm
13) S5040813.D				
11D0334-02	10,RICHMOND,1000ml+2	12	1.000	8 Apr 2011 7:30 pm
14) S5040814.D				
11D0251-02	10,RICHMOND,100ml+1m	13	1.000	8 Apr 2011 8:05 pm
15) S5040815.D				
SEQ-ICB	MB10749,1ml	2	1.000	8 Apr 2011 8:39 pm
16) S5040816.D				
SEQ-CCV	MC12320>1ml=40ppm	1	1.000	8 Apr 2011 9:14 pm
17) S5040817.D				
SEQ-ICB	MB10749,1ml	2	1.000	8 Apr 2011 9:48 pm

GC/MS QA-QC Check Report

Tune File : C:\MSD5\2011\APR\APR0811\S5040801.D
Tune Time : 8 Apr 2011 12:36 pm

Daily Calibration File : C:\MSD5\2011\APR\APR0811\S5040802.D

(2FP)	(PHL)	(NBZ)	(FBP)	(DCB)	(NPT)	(ANT)
				75795	268515	155351
(TBP)	(TPH)			(PHN)	(CRY)	(PRY)
				211844	226080	209924

File	Sample	Surrogate Recovery %				Internal Standard Responses		
S5040802.D								
	SEQ-CCV	49	49	80	73	75795	268515	155351
		54	73			211844	226080	209924
S5040803.D								
	SEQ-ICB	98*	100*	98	94	43713	167070	91678
		83	103			147686	115399	92088*
S5040804.D								
	1115173-BS	58	42	81	80	70693	259891	148267
		86	86			206345	202115	184107
S5040805.D								
	1115173-BS	53	39	68	65	63098	232514	133116
		77	73			182700	184130	160548
S5040806.D								
	1115173-BL	57	40	83	79	74275	266802	147359
		79	91			239840	190784	175294
S5040807.D								
	11C1255-19	5*	4*	9*	9*	67017	253630	139641
		9*	9*			225993	184980	160293
S5040808.D								
	11D0259-02	54	40	77	77	58805	228887	126359
		73	80			207962	173803	155150
S5040809.D								
	11D0332-02	55	42	77	76	72933	267033	151965
		83	96			239656	196986	178227
S5040810.D								
	11D0334-02	0*	0*	0*	0*	65801	246099	138327
		0*	0*			218296	186718	170724
S5040811.D								
	11D0251-02	1*	0*	1*	2*	68859	250566	142027
		2*	2*			227161	183682	161058
S5040812.D								
	11C1255-19	54	40	86	83	74012	265466	150382
		90	95			242630	206925	203528
S5040813.D								
	11D0334-02	1*	1*	2*	2*	67312	248279	136808
		2*	3*			215019	181821	178741
S5040814.D								
	11D0251-02	4*	3*	8*	8*	76394	280638	158039
		8*	9*			249394	214141	188999
S5040815.D								

	SEQ-ICB	100*	96*	96	96	51465	194538	107321
		85	108			173867	127901	105011
S5040816.D								
	SEQ-CCV	51	51	78	74	78950	294835	172285
		51	78			240608	234712	223374
S5040817.D								
	SEQ-ICB	98*	96*	97	96	51366	191277	109559
		84	108			173668	127906	103600*

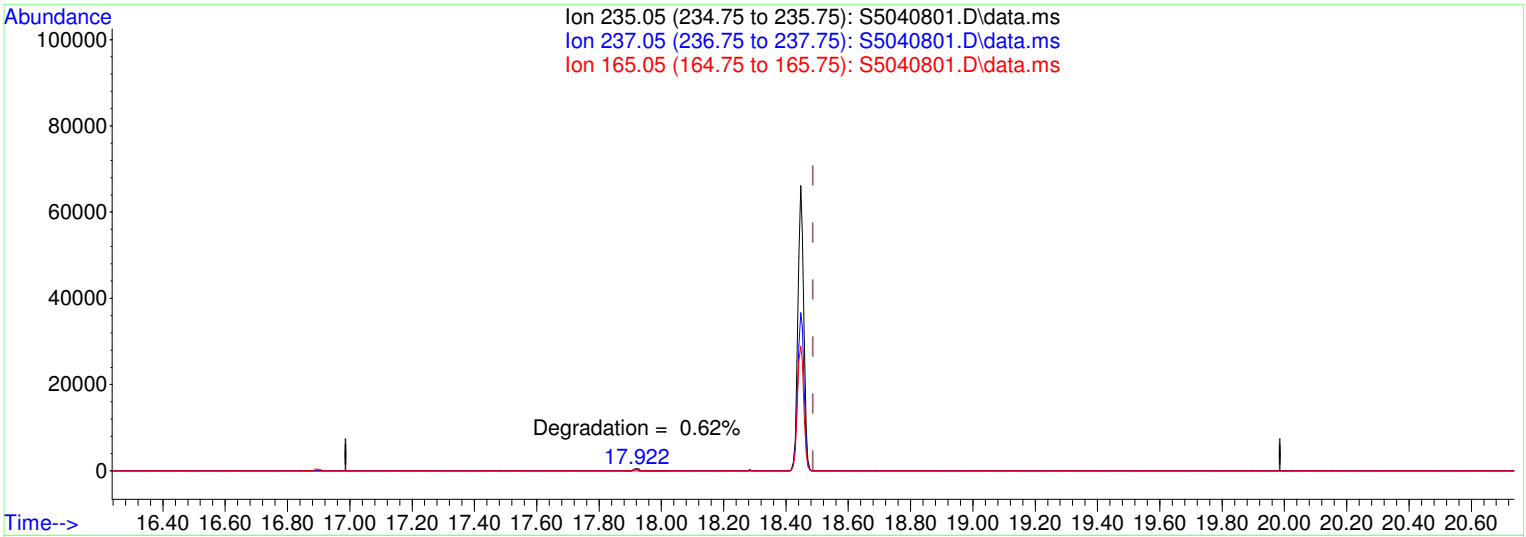
(fails) - fails 12hr time check * - fails criteria

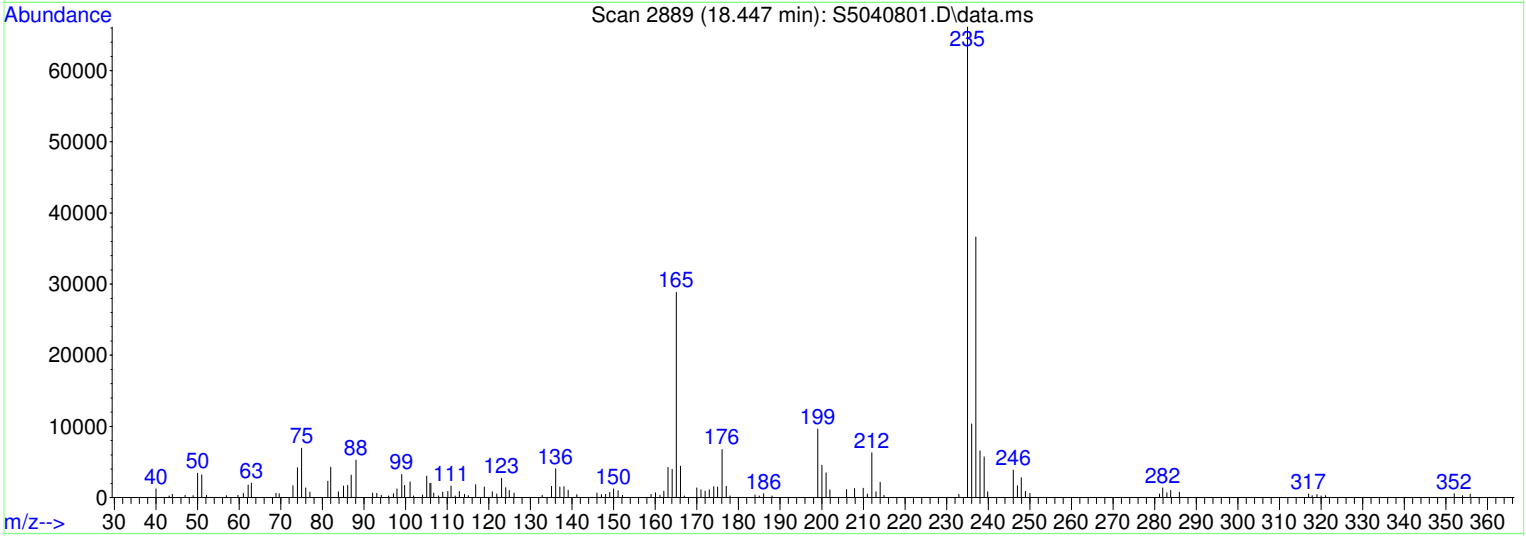
Created: Mon Apr 11 07:03:10 2011 MSD5

Quantitation Report (Qedit)

Data File : C:\MSD5\2011\APR\APR0811\S5040801.D Vial: 100
Acq On : 8 Apr 2011 12:36 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 08 13:25:11 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration





TIC: S5040801.D\data.ms

(7) p,p'-DDT

18.447min (-0.040) 0.00 ug/mL

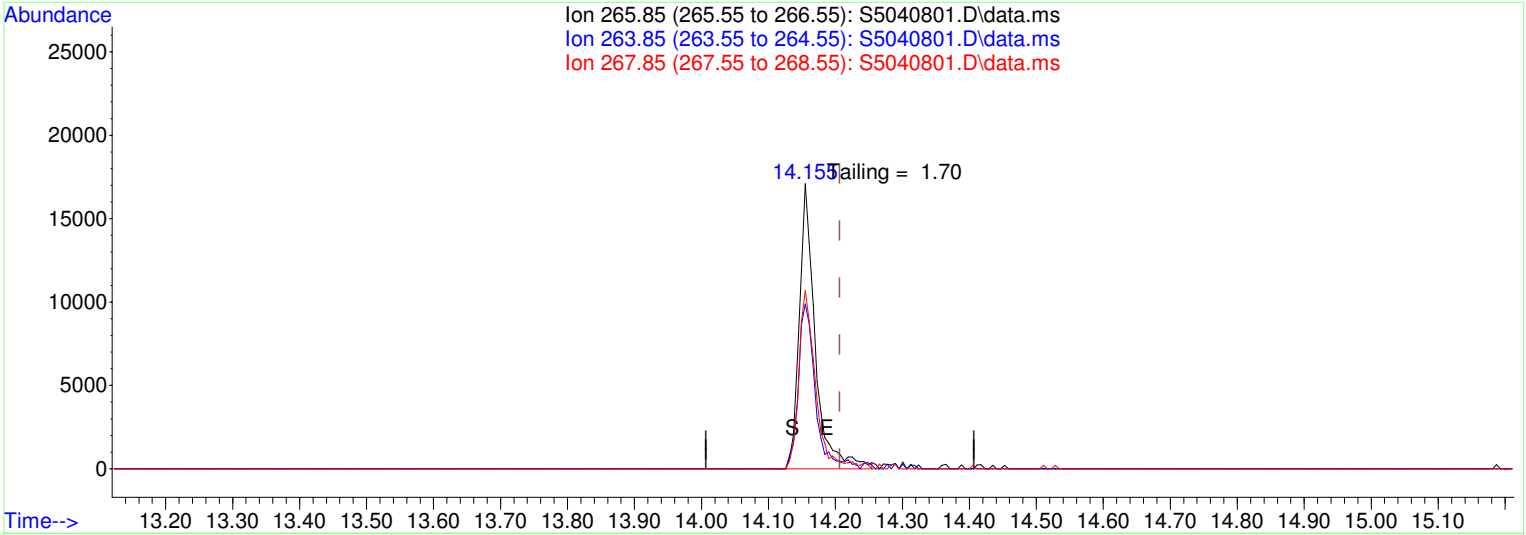
response 86807

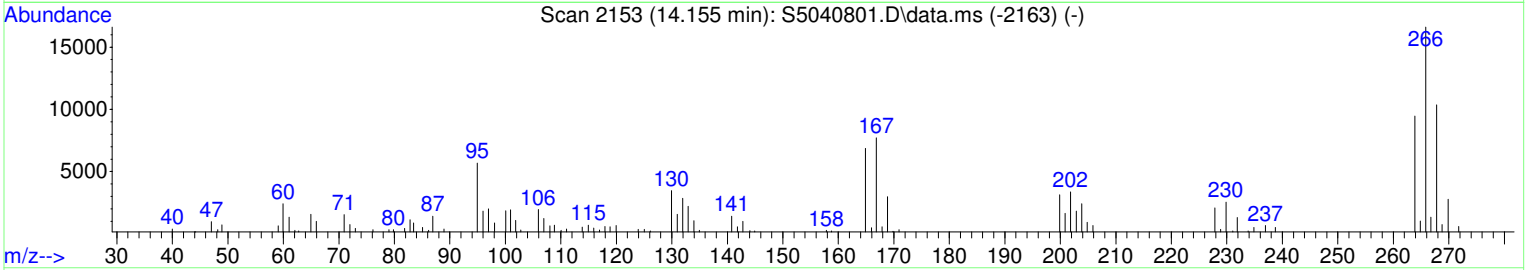
Ion	Exp%	Act%
235.05	100	100
237.05	64.80	59.60
165.05	49.40	47.11
0.00	0.00	0.00

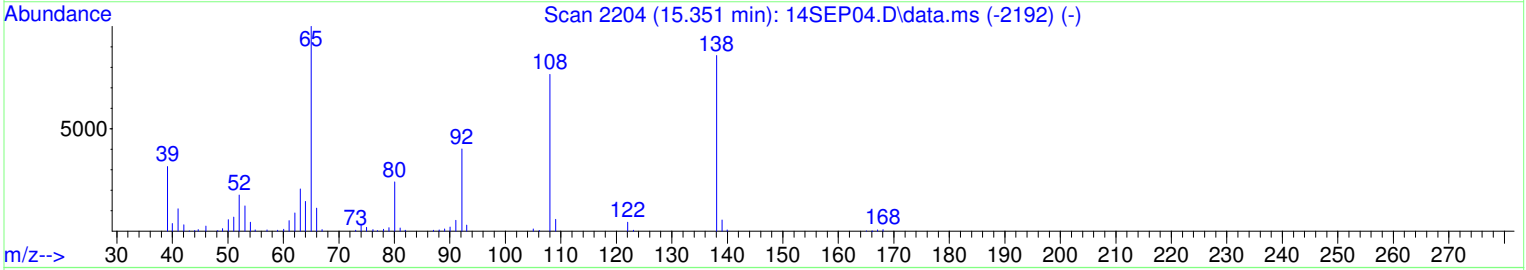
Quantitation Report (Qedit)

Data File : C:\MSD5\2011\APR\APR0811\S5040801.D Vial: 100
Acq On : 8 Apr 2011 12:36 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 08 13:25:11 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5040801.D\data.ms

(10) Pentachlorophenol (CM*)

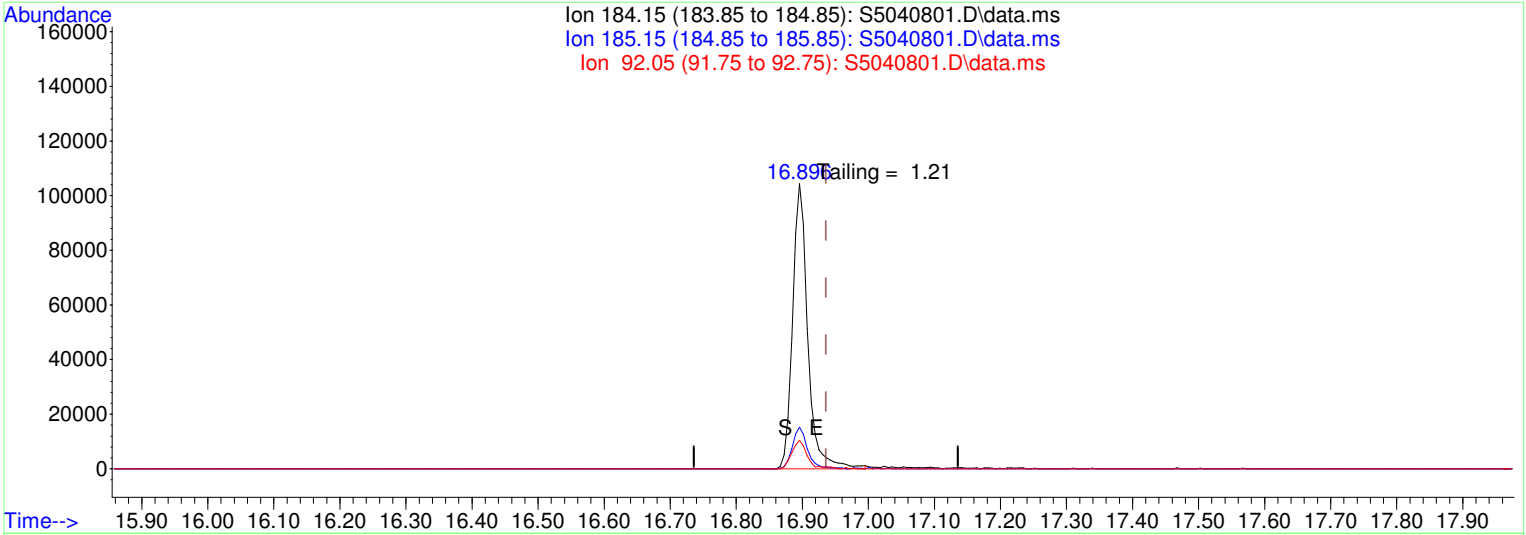
14.155min (-0.052) 0.00 ug/mL

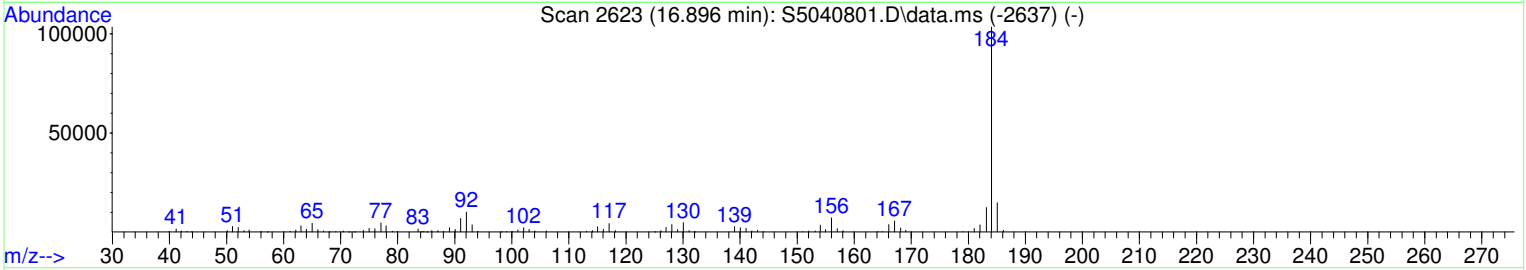
response 27088

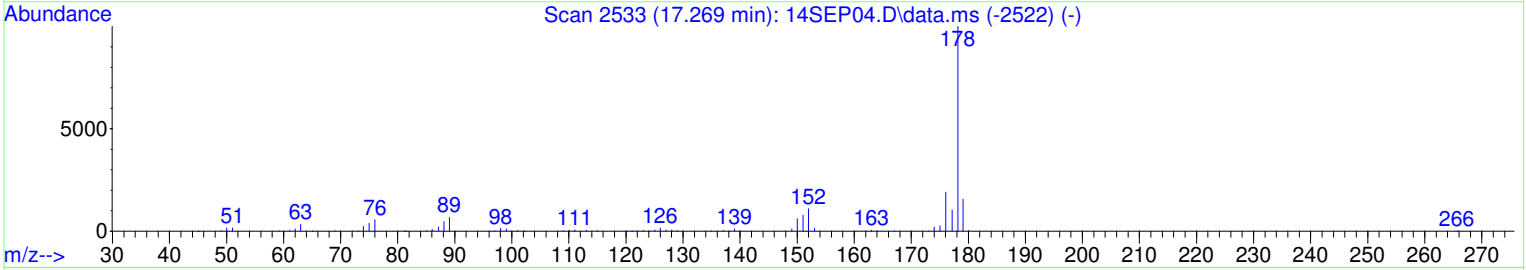
Ion	Exp%	Act%
265.85	100	100
263.85	61.50	57.79
267.85	62.40	62.48
0.00	0.00	0.00

Data File : C:\MSD5\2011\APR\APR0811\S5040801.D Vial: 100
Acq On : 8 Apr 2011 12:36 pm Operator: RCS
Sample : SEQ-TUN Inst : MSD5
Misc : PCP,DFTPP,BENZ,DDT 50ng Multiplr: 1.00

Quant Time: Apr 08 13:25:11 2011
Quant Method : C:\MSD5\METHODS\TUNEX.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Thu Mar 24 11:29:26 2011
Response via : Initial Calibration







TIC: S5040801.D\data.ms

(12) Benzidine

16.896min (-0.040) 0.00 ug/mL

response 164493

Ion	Exp%	Act%
184.15	100	100
185.15	14.50	14.63
92.05	8.50	9.96
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0811\S5040802.D Vial: 1
Acq On : 8 Apr 2011 1:10 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Apr 09 08:35:30 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	117	-0.05
2		N-Nitrosodimethylamine	40.000	36.914	7.7	104	-0.12
3	T	Pyridine	40.000	38.059	4.9	106	-0.13
4	S	2-Fluorophenol	40.000	36.581	8.5	104	-0.07
5		Pentachloroethane	40.000	36.279	9.3	105	-0.05
6		Aniline	40.000	37.502	6.2	108	-0.06
7	T	bis(2-Chloroethyl)ether	40.000	36.783	8.0	111	-0.05
8	S	Phenol-d5	40.000	37.032	7.4	106	-0.05
9	CM*	Phenol	40.000	37.920	5.2	109	-0.06
10	M	2-Chlorophenol	40.000	37.175	7.1	110	-0.05
11	T	1,3-Dichlorobenzene	40.000	37.034	7.4	107	-0.05
12	CM*	1,4-Dichlorobenzene	40.000	36.407	9.0	107	-0.05
13	T	1,2-Dichlorobenzene	40.000	36.538	8.7	107	-0.05
14	T	Benzyl alcohol	40.000	37.727	5.7	108	-0.05
15	T	bis(2-chloroisopropyl)ether	40.000	36.933	7.7	108	-0.05
16	T	2-Methylphenol	40.000	38.715	3.2	112	-0.05
17	T	Hexachloroethane	40.000	36.977	7.6	110	-0.05
18	PM**	N-Nitroso-di-n-propylamine	40.000	36.498	8.8	107	-0.05
19	T	4-Methylphenol,3-Methylphen	40.000	37.782	5.5	109	-0.05
20	I	Naphthalene-d8	40.000	40.000	0.0	112	-0.05
21	S	Nitrobenzene-d5	40.000	39.887	0.3	112	-0.05
22	T	Nitrobenzene	40.000	39.240	1.9	108	-0.05
23	T	Isophorone	40.000	37.441	6.4	105	-0.05
24	CT*	2-Nitrophenol	40.000	37.829	5.4	103	-0.05
25	T	2,4-Dimethylphenol	40.000	40.686	-1.7	113	-0.05
26	T	bis(2-Chloroethoxy)methane	40.000	36.830	7.9	104	-0.05
27	CT*	2,4-Dichlorophenol	40.000	39.699	0.8	106	-0.05
28	M	1,2,4-Trichlorobenzene	40.000	37.791	5.5	105	-0.05
29	T	Naphthalene	40.000	37.450	6.4	106	-0.05
30	T	4-Chloroaniline	40.000	38.960	2.6	108	-0.04
31	T	Benzoic Acid	40.000	36.078	9.8	109	-0.08
32	CT*	Hexachlorobutadiene	40.000	37.808	5.5	103	-0.05
33		Resorcinol	40.000	37.890	5.3	109	-0.06
34	CM*	4-Chloro-3-methylphenol	40.000	38.824	2.9	107	-0.04
35	T	2-Methylnaphthalene	40.000	37.111	7.2	106	-0.05
36		1-Methylnaphthalene	40.000	36.507	8.7	103	-0.05
37	I	Acenaphthene-d10	40.000	40.000	0.0	112	-0.05
38	PT**	Hexachlorocyclopentadiene	40.000	40.126	-0.3	113	-0.05
39	CT*	2,4,6-Trichlorophenol	40.000	40.623	-1.6	110	-0.05
40	T	2,4,5-Trichlorophenol	40.000	40.602	-1.5	109	-0.04
41	S	2-Fluorobiphenyl	40.000	36.634	8.4	102	-0.05
42	T	2-Chloronaphthalene	40.000	36.997	7.5	102	-0.05
43	T	2-Nitroaniline	40.000	41.252	-3.1	111	-0.05
44		1,4-Dinitrobenzene	40.000	38.619	3.5	110	-0.06
45	T	Acenaphthylene	40.000	38.081	4.8	103	-0.05
46	T	Dimethylphthalate	40.000	37.635	5.9	107	-0.05
47		1,3-Dinitrobenzene	40.000	36.196	9.5	102	-0.05
48		1,2-Dinitrobenzene	40.000	36.196	9.5	102	-0.05
49	T	2,6-Dinitrotoluene	40.000	38.402	4.0	105	-0.05
50	CM*	Acenaphthene	40.000	37.205	7.0	101	-0.05
51	T	3-Nitroaniline	40.000	35.465	11.3	96	-0.06
52	PT**	2,4-Dinitrophenol	40.000	33.722	15.7	89	-0.05
53	T	Dibenzofuran	40.000	37.250	6.9	103	-0.05

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0811\S5040802.D Vial: 1
Acq On : 8 Apr 2011 1:10 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320 >1mL=40ppm Multiplr: 1.00

Quant Time: Apr 09 08:35:30 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	38.352	4.1	104	-0.05
55		2,3,4,6-Tetrachlorophenol	40.000	36.027	9.9	96	-0.05
56	M	2,4-Dinitrotoluene	40.000	37.073	7.3	96	-0.06
57	PM**	4-Nitrophenol	40.000	37.086	7.3	105	-0.05
58	T	Fluorene	40.000	37.563	6.1	103	-0.05
59	T	4-Chlorophenyl-phenylether	40.000	35.549	11.1	98	-0.05
60	T	Diethylphthalate	40.000	34.962	12.6	98	-0.05
61	T	1,2-Diphenylhydrazine (Azob	40.000	37.387	6.5	103	-0.05
62	T	4-Nitroaniline	40.000	35.465	11.3	96	-0.06
63	I	Phenanthrene-d10	40.000	40.000	0.0	103	-0.05
64	T	4,6-Dinitro-2-methylphenol	40.000	35.666	10.8	93	-0.05
65	CT*	n-Nitrosodiphenylamine	40.000	37.769	5.6	103	-0.05
66	S	2,4,6-Tribromophenol	40.000	40.636	-1.6	102	-0.05
67	T	4-Bromophenyl-phenylether	40.000	40.171	-0.4	109	-0.05
68	T	Hexachlorobenzene	40.000	40.315	-0.8	104	-0.06
69	CM*	Pentachlorophenol	40.000	39.453	1.4	109	-0.05
70	T	Phenanthrene	40.000	38.142	4.6	99	-0.05
71	T	Anthracene	40.000	37.558	6.1	98	-0.06
72	T	Carbazole	40.000	37.912	5.2	97	-0.06
73	T	Di-n-butylphthalate	40.000	36.745	8.1	93	-0.05
74	CT*	Fluoranthene	40.000	37.513	6.2	94	-0.06
75	I	Chrysene-d12	40.000	40.000	0.0	102	-0.07
76	M	Pyrene	40.000	37.495	6.3	96	-0.06
77		Benzidine	40.000	35.920	10.2	87	-0.06
78	S	Terphenyl-d14	40.000	36.361	9.1	95	-0.06
79		3,3'-Dimethylbenzidine	40.000	0.000	100.0#	0	-18.32#
80	T	Butylbenzylphthalate	40.000	34.143	14.6	87	-0.06
81		bis(2-ethylhexyl)adipate	40.000	32.127	19.7	83	-0.05
82	T	3,3'-Dichlorobenzidine	40.000	36.928	7.7	92	-0.07
83	T	Benzo[a]anthracene	40.000	35.998	10.0	92	-0.07
84	T	Chrysene	40.000	36.605	8.5	91	-0.07
85	T	bis(2-Ethylhexyl)phthalate	40.000	32.948	17.6	83	-0.06
86	I	Perylene-d12	40.000	40.000	0.0	116	-0.06
87	CT*	Di-n-octylphthalate	40.000	29.316	26.7	86	-0.06
88	T	Benzo[b]fluoranthene	40.000	35.134	12.2	104	-0.07
89	T	Benzo[k]fluoranthene	40.000	37.088	7.3	106	-0.07
90	CT*	Benzo[a]pyrene	40.000	37.807	5.5	109	-0.07
91	T	Indeno[1,2,3-cd]pyrene	40.000	40.137	-0.3	114	-0.07
92	T	Dibenz[a,h]anthracene	40.000	40.121	-0.3	117	-0.07
93	T	Benzo[g,h,i]perylene	40.000	41.582	-4.0	123	-0.06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0811\S5040816.D Vial: 1
Acq On : 8 Apr 2011 9:14 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Apr 09 08:36:45 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	121	-0.05
2		N-Nitrosodimethylamine	40.000	38.624	3.4	113	-0.12
3	T	Pyridine	40.000	39.835	0.4	115	-0.13
4	S	2-Fluorophenol	40.000	38.448	3.9	114	-0.06
5		Pentachloroethane	40.000	36.875	7.8	112	-0.05
6		Aniline	40.000	38.977	2.6	117	-0.06
7	T	bis(2-Chloroethyl)ether	40.000	36.323	9.2	115	-0.05
8	S	Phenol-d5	40.000	38.218	4.5	114	-0.05
9	CM*	Phenol	40.000	38.976	2.6	117	-0.05
10	M	2-Chlorophenol	40.000	39.046	2.4	121	-0.05
11	T	1,3-Dichlorobenzene	40.000	39.597	1.0	119	-0.05
12	CM*	1,4-Dichlorobenzene	40.000	37.667	5.8	115	-0.05
13	T	1,2-Dichlorobenzene	40.000	38.315	4.2	117	-0.05
14	T	Benzyl alcohol	40.000	38.410	4.0	114	-0.05
15	T	bis(2-chloroisopropyl)ether	40.000	37.914	5.2	115	-0.05
16	T	2-Methylphenol	40.000	39.924	0.2	120	-0.05
17	T	Hexachloroethane	40.000	38.117	4.7	119	-0.05
18	PM**	N-Nitroso-di-n-propylamine	40.000	37.981	5.0	116	-0.05
19	T	4-Methylphenol,3-Methylphen	40.000	39.337	1.7	118	-0.04
20	I	Naphthalene-d8	40.000	40.000	0.0	123	-0.05
21	S	Nitrobenzene-d5	40.000	39.086	2.3	121	-0.05
22	T	Nitrobenzene	40.000	37.925	5.2	115	-0.05
23	T	Isophorone	40.000	38.420	3.9	118	-0.05
24	CT*	2-Nitrophenol	40.000	39.686	0.8	119	-0.05
25	T	2,4-Dimethylphenol	40.000	42.061	-5.2	128	-0.05
26	T	bis(2-Chloroethoxy)methane	40.000	37.654	5.9	117	-0.05
27	CT*	2,4-Dichlorophenol	40.000	39.424	1.4	116	-0.05
28	M	1,2,4-Trichlorobenzene	40.000	37.803	5.5	116	-0.05
29	T	Naphthalene	40.000	37.742	5.6	117	-0.05
30	T	4-Chloroaniline	40.000	39.152	2.1	119	-0.04
31	T	Benzoic Acid	40.000	39.364	1.6	133	-0.08
32	CT*	Hexachlorobutadiene	40.000	39.458	1.4	119	-0.05
33		Resorcinol	40.000	34.614	13.5	109	-0.05
34	CM*	4-Chloro-3-methylphenol	40.000	39.398	1.5	119	-0.04
35	T	2-Methylnaphthalene	40.000	37.236	6.9	117	-0.05
36		1-Methylnaphthalene	40.000	37.587	6.0	117	-0.05
37	I	Acenaphthene-d10	40.000	40.000	0.0	124	-0.05
38	PT**	Hexachlorocyclopentadiene	40.000	35.465	11.3	110	-0.05
39	CT*	2,4,6-Trichlorophenol	40.000	40.147	-0.4	121	-0.05
40	T	2,4,5-Trichlorophenol	40.000	40.101	-0.3	119	-0.04
41	S	2-Fluorobiphenyl	40.000	37.196	7.0	115	-0.05
42	T	2-Chloronaphthalene	40.000	36.906	7.7	113	-0.05
43	T	2-Nitroaniline	40.000	40.385	-1.0	121	-0.05
44		1,4-Dinitrobenzene	40.000	37.239	6.9	118	-0.06
45	T	Acenaphthylene	40.000	37.454	6.4	113	-0.05
46	T	Dimethylphthalate	40.000	37.304	6.7	118	-0.05
47		1,3-Dinitrobenzene	40.000	35.541	11.1	112	-0.05
48		1,2-Dinitrobenzene	40.000	35.541	11.1	112	-0.05
49	T	2,6-Dinitrotoluene	40.000	39.181	2.0	119	-0.05
50	CM*	Acenaphthene	40.000	37.727	5.7	114	-0.05
51	T	3-Nitroaniline	40.000	34.959	12.6	105	-0.06
52	PT**	2,4-Dinitrophenol	40.000	38.095	4.8	118	-0.05
53	T	Dibenzofuran	40.000	37.788	5.5	116	-0.05

Evaluate Continuing Calibration Report

Data File : C:\MSD5\2011\APR\APR0811\S5040816.D Vial: 1
Acq On : 8 Apr 2011 9:14 pm Operator: RCS
Sample : SEQ-CCV Inst : MSD5
Misc : MC12320>1ml=40ppm Multiplr: 1.00

Quant Time: Apr 09 08:36:45 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 30% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 250%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
54		2,3,5,6-Tetrachlorophenol	40.000	40.265	-0.7	121	-0.04
55		2,3,4,6-Tetrachlorophenol	40.000	37.565	6.1	111	-0.05
56	M	2,4-Dinitrotoluene	40.000	37.554	6.1	108	-0.06
57	PM**	4-Nitrophenol	40.000	40.865	-2.2	129	-0.04
58	T	Fluorene	40.000	37.614	6.0	115	-0.05
59	T	4-Chlorophenyl-phenylether	40.000	36.155	9.6	110	-0.05
60	T	Diethylphthalate	40.000	36.299	9.3	113	-0.05
61	T	1,2-Diphenylhydrazine (Azob	40.000	36.863	7.8	113	-0.05
62	T	4-Nitroaniline	40.000	34.959	12.6	105	-0.06
63	I	Phenanthrene-d10	40.000	40.000	0.0	118	-0.05
64	T	4,6-Dinitro-2-methylphenol	40.000	34.872	12.8	103	-0.05
65	CT*	n-Nitrosodiphenylamine	40.000	37.773	5.6	117	-0.05
66	S	2,4,6-Tribromophenol	40.000	38.437	3.9	109	-0.05
67	T	4-Bromophenyl-phenylether	40.000	38.861	2.8	120	-0.05
68	T	Hexachlorobenzene	40.000	39.775	0.6	117	-0.06
69	CM*	Pentachlorophenol	40.000	39.272	1.8	123	-0.05
70	T	Phenanthrene	40.000	37.374	6.6	110	-0.05
71	T	Anthracene	40.000	37.942	5.1	112	-0.06
72	T	Carbazole	40.000	36.721	8.2	107	-0.06
73	T	Di-n-butylphthalate	40.000	36.074	9.8	103	-0.05
74	CT*	Fluoranthene	40.000	36.335	9.2	104	-0.06
75	I	Chrysene-d12	40.000	40.000	0.0	106	-0.06
76	M	Pyrene	40.000	39.843	0.4	106	-0.06
77		Benzidine	40.000	37.842	5.4	96	-0.05
78	S	Terphenyl-d14	40.000	38.851	2.9	105	-0.06
79		3,3'-Dimethylbenzidine	40.000	0.000	100.0#	0	-18.32#
80	T	Butylbenzylphthalate	40.000	36.062	9.8	95	-0.06
81		bis(2-ethylhexyl)adipate	40.000	35.884	10.3	96	-0.05
82	T	3,3'-Dichlorobenzidine	40.000	38.782	3.0	100	-0.06
83	T	Benzo[a]anthracene	40.000	37.897	5.3	100	-0.06
84	T	Chrysene	40.000	37.974	5.1	98	-0.07
85	T	bis(2-Ethylhexyl)phthalate	40.000	34.872	12.8	91	-0.06
86	I	Perylene-d12	40.000	40.000	0.0	124	-0.06
87	CT*	Di-n-octylphthalate	40.000	31.467	21.3	98	-0.06
88	T	Benzo[b]fluoranthene	40.000	34.285	14.3	107	-0.07
89	T	Benzo[k]fluoranthene	40.000	35.887	10.3	110	-0.07
90	CT*	Benzo[a]pyrene	40.000	37.333	6.7	114	-0.06
91	T	Indeno[1,2,3-cd]pyrene	40.000	40.261	-0.7	122	-0.07
92	T	Dibenz[a,h]anthracene	40.000	39.326	1.7	122	-0.07
93	T	Benzo[g,h,i]perylene	40.000	40.559	-1.4	127	-0.06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D1201 **Matrix:** Water **Department:** Metals **Instrument:** Hg

Sample Information File C:\AAUSER\SAMPINFO\110408A.SIF

Description : Hg Aqueous
Batch ID :
Volume Units :
Weight Units :
Analyst : APS
Sample Volume : 0.00

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	RINSE				
1	CALIBRATION BLANK				
2	STD 0.2 PPB				
3	STD 1.0 PPB				
4	STD 2.0 PPB				
5	STD 5.0 PPB				
6	STD 10.0 PPB				
7	ICV				
8	CCV				
9	1115209-BLK1				
10	1115209-BS1				
11	11C1668-01				
12	1115209-DUP1				
13	1115209-MS1				
14	1115209-MSD1				
15	11D0082-01				
16	11D0082-02				
17	11D0082-03				
18	11D0110-01			5.0000	
19	11D0110-02			1.0000	
20	11D0112-01				
21	11D0171-01				
22	11D0173-01				
23	11D0285-01				

==========

Method Name: Hg_dept40
Method Description: Hg_dept40
Element: Hg

Date: 04/08/2011
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: 110408A.SIF Results Data Set Name: 110408A

==========

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 04/08/2011
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0001	0.0001	0.0001	03:09:25	No
2			0.0001	0.0004	0.0001	03:09:55	No
3			0.0001	0.0008	0.0001	03:10:24	No
Mean:			0.0001				
SD :			0.0000				
%RSD:			26.1107				

Auto-zero performed.

==========

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 04/08/2011
Sample ID: 0.2 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0015	0.0072	0.0016	03:11:36	No
2			0.0015	0.0075	0.0016	03:12:05	No
3			0.0016	0.0075	0.0017	03:12:34	No
Mean:			0.0015				
SD :			0.0000				
%RSD:			2.6508				

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.00765
Intercept : 0.00000

==========

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 04/08/2011
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0086	0.0395	0.0087	03:13:47	No
2			0.0088	0.0398	0.0089	03:14:16	No
3			0.0089	0.0407	0.0090	03:14:45	No
Mean:			0.0088				
SD :			0.0002				
%RSD:			1.8356				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99966 Slope: 0.00886
Intercept : -0.00011

==========

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 04/08/2011
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0181	0.0816	0.0182	03:15:58	No
2			0.0184	0.0826	0.0185	03:16:28	No

```
 3                          0.0186   0.0832   0.0187   03:16:57  No
Mean:                       0.0184
SD  :                       0.0002
%RSD:                       1.3377
[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient:  0.99970                Slope: 0.00922
Intercept : -0.00021

================================================================================
Element: Hg    Seq. No.: 5        AS Loc.: 5   Date: 04/08/2011
Sample ID: 5.0 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                          0.0469   0.2090   0.0469   03:18:12  No
 2                          0.0472   0.2099   0.0473   03:18:41  No
 3                          0.0475   0.2105   0.0475   03:19:10  No
Mean:                       0.0472
SD  :                       0.0003
%RSD:                       0.6301
[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient:  0.99989                Slope: 0.00948
Intercept : -0.00038

================================================================================
Element: Hg    Seq. No.: 6        AS Loc.: 6   Date: 04/08/2011
Sample ID: 10.0 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                          0.0928   0.4129   0.0929   03:20:26  No
 2                          0.0931   0.4131   0.0932   03:20:55  No
 3                          0.0928   0.4152   0.0929   03:21:24  No
Mean:                       0.0929
SD  :                       0.0002
%RSD:                       0.1772
[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient:  0.99994                Slope: 0.00934
Intercept : -0.00020
--------------------------------------------------------------------------------

Calibration data for Hg
                                  Entered      Calculated
                    Mean Signal  Concentration Concentration  Standard
    Standard ID     (Pk Height)     (µg/L)        (µg/L)    Deviation    %RSD
    Calib Blank       0.0001          ---           ----        ----      ----
      0.2 PPB         0.0015        0.200         0.186      0.0000      2.7
      1.0 PPB         0.0088        1.000         0.962      0.0002      1.8
      2.0 PPB         0.0184        2.000         1.988      0.0002      1.3
      5.0 PPB         0.0472        5.000         5.073      0.0003      0.6
      10.0 PPB        0.0929       10.000         9.970      0.0002      0.2
     Correlation Coefficient: 0.99994   Slope:    0.00934   Intercept: -0.0002
--------------------------------------------------------------------------------
```

Sample Information File C:\AAUSER\SAMPINFO\110408A.SIF

Description : Hg Aqueous
Batch ID :
Volume Units :
Weight Units :
Analyst : APS
Sample Volume : 0.00

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	RINSE				
1	CALIBRATION BLANK				
2	STD 0.2 PPB				
3	STD 1.0 PPB				
4	STD 2.0 PPB				
5	STD 5.0 PPB				
6	STD 10.0 PPB				
7	ICV				
8	CCV				
9	1115209-BLK1				
10	1115209-BS1				
11	11C1668-01				
12	1115209-DUP1				
13	1115209-MS1				
14	1115209-MSD1				
15	11D0082-01				
16	11D0082-02				
17	11D0082-03				
18	11D0112-01				
19	11D0110-01			5.0000	
20	11D0110-02			1.0000	
21	11D0171-01				
22	11D0173-01				
23	11D0285-01				

```
================================================================================
Element: Hg    Seq. No.: 7        AS Loc.: 0   Date: 04/08/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        0.136     0.136    0.0011   0.0052   0.0012   03:24:14  No
 2        0.080     0.080    0.0005   0.0025   0.0006   03:24:43  No
 3        0.065     0.065    0.0004   0.0022   0.0005   03:25:12  No
Mean:     0.094     0.094    0.0007
SD  :    0.0370    0.0370    0.0003
%RSD:      39.5      39.5   51.3802
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 8        AS Loc.: 7   Date: 04/08/2011
Sample ID: ICV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        2.834     2.834    0.0263   0.1190   0.0263   03:26:24  No
 2        2.958     2.958    0.0274   0.1241   0.0275   03:26:53  No
 3        3.027     3.027    0.0281   0.1277   0.0282   03:27:22  No
Mean:     2.940     2.940    0.0272
SD  :    0.0981    0.0981    0.0009
%RSD:       3.3       3.3    3.3599
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 9        AS Loc.: 1   Date: 04/08/2011
Sample ID: ICB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        0.144     0.144    0.0011   0.0069   0.0012   03:28:35  No
 2        0.122     0.122    0.0009   0.0053   0.0010   03:29:04  No
 3        0.110     0.110    0.0008   0.0050   0.0009   03:29:33  No
Mean:     0.125     0.125    0.0010
SD  :    0.0171    0.0171    0.0002
%RSD:      13.6      13.6   16.4957
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 10       AS Loc.: 9   Date: 04/08/2011
Sample ID: 1115209-BLK1
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        0.046     0.046    0.0002   0.0051   0.0010   03:30:44  No
 2        0.034     0.034    0.0001   0.0047   0.0009   03:31:13  No
 3        0.026     0.026    0.0000   0.0046   0.0008   03:31:42  No
Mean:     0.036     0.036    0.0001
SD  :    0.0099    0.0099    0.0001
%RSD:      27.9      27.9   71.1082

================================================================================
Element: Hg    Seq. No.: 11       AS Loc.: 10   Date: 04/08/2011
Sample ID: 1115209-BS1
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        1.780     1.780    0.0164   0.0766   0.0172   03:32:54  No
 2        1.802     1.802    0.0166   0.0773   0.0174   03:33:23  No
 3        1.837     1.837    0.0169   0.0785   0.0177   03:33:52  No
Mean:     1.806     1.806    0.0167
SD  :    0.0283    0.0283    0.0003
%RSD:       1.6       1.6    1.5881
```

Element: Hg Seq. No.: 12 AS Loc.: 11 Date: 04/08/2011
Sample ID: 11C1668-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.520	0.520	0.0046	0.0295	0.0054	03:35:05	No
2	0.432	0.432	0.0038	0.0253	0.0046	03:35:34	No
3	0.348	0.348	0.0031	0.0212	0.0038	03:36:03	No
Mean:	0.433	0.433	0.0038				
SD :	0.0856	0.0856	0.0008				
%RSD:	19.8	19.8	20.7929				

Element: Hg Seq. No.: 13 AS Loc.: 12 Date: 04/08/2011
Sample ID: 1115209-DUP1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.194	0.194	0.0016	0.0131	0.0024	03:37:16	No
2	0.188	0.188	0.0016	0.0129	0.0023	03:37:46	No
3	0.172	0.172	0.0014	0.0119	0.0022	03:38:15	No
Mean:	0.184	0.184	0.0015				
SD :	0.0114	0.0114	0.0001				
%RSD:	6.2	6.2	7.0163				

Element: Hg Seq. No.: 14 AS Loc.: 13 Date: 04/08/2011
Sample ID: 1115209-MS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.192	0.192	0.0016	0.0126	0.0023	03:39:29	No
2	0.159	0.159	0.0013	0.0110	0.0020	03:39:58	No
3	-0.058	-0.058	-0.0007	-0.0010	0.0000	03:40:28	No
Mean:	0.098	0.098	0.0007				
SD :	0.1357	0.1357	0.0013				
%RSD:	139.1	139.1	178.9003				

Element: Hg Seq. No.: 15 AS Loc.: 14 Date: 04/08/2011
Sample ID: 1115209-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.053	0.053	0.0003	0.0056	0.0011	03:41:43	No
2	0.048	0.048	0.0002	0.0056	0.0010	03:42:12	No
3	0.044	0.044	0.0002	0.0056	0.0010	03:42:41	No
Mean:	0.048	0.048	0.0002				
SD :	0.0045	0.0045	0.0000				
%RSD:	9.3	9.3	16.8149				

Element: Hg Seq. No.: 16 AS Loc.: 15 Date: 04/08/2011
Sample ID: 11D0082-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.042	-0.042	-0.0006	0.0006	0.0002	03:43:57	No
2	-0.037	-0.037	-0.0005	0.0011	0.0002	03:44:29	No
3	-0.037	-0.037	-0.0005	0.0007	0.0002	03:44:57	No
Mean:	-0.039	-0.039	-0.0006				
SD :	0.0032	0.0032	0.0000				
%RSD:	8.3	8.3	5.3043				

Element: Hg Seq. No.: 17 AS Loc.: 16 Date: 04/08/2011
Sample ID: 11D0082-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.051	-0.051	-0.0007	0.0000	0.0001	03:46:14	No
2	-0.051	-0.051	-0.0007	0.0000	0.0001	03:46:43	No
3	-0.047	-0.047	-0.0006	0.0003	0.0001	03:47:12	No
Mean:	-0.049	-0.049	-0.0007				
SD :	0.0020	0.0020	0.0000				
%RSD:	4.0	4.0	2.7979				

Element: Hg Seq. No.: 18 AS Loc.: 17 Date: 04/08/2011
Sample ID: 11D0082-03

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.039	-0.039	-0.0006	0.0011	0.0002	03:48:26	No
2	-0.039	-0.039	-0.0006	0.0010	0.0002	03:48:55	No
3	-0.045	-0.045	-0.0006	0.0002	0.0001	03:49:25	No
Mean:	-0.041	-0.041	-0.0006				
SD :	0.0036	0.0036	0.0000				
%RSD:	8.8	8.8	5.7463				

Element: Hg Seq. No.: 19 AS Loc.: 18 Date: 04/08/2011
Sample ID: 11D0112-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.043	-0.043	-0.0006	0.0007	0.0002	03:50:35	No
2	-0.035	-0.035	-0.0005	0.0013	0.0002	03:51:04	No
3	-0.043	-0.043	-0.0006	0.0007	0.0002	03:51:33	No
Mean:	-0.041	-0.041	-0.0006				
SD :	0.0045	0.0045	0.0000				
%RSD:	11.2	11.2	7.2685				

Element: Hg Seq. No.: 20 AS Loc.: 8 Date: 04/08/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.043	3.043	0.0282	0.1228	0.0283	03:52:47	No
2	~~0.014~~	~~0.014~~	-0.0001	-0.0003	0.0000	03:53:17	No
3	3.205	3.205	0.0297	0.1307	0.0298	03:53:46	No
Mean:	~~2.087~~	~~2.087~~	0.0193				
SD :	1.797	1.797	0.0168				
%RSD:	86.1	86.1	87.0018				

QC failed, value less than lower limit for Hg.
Current analysis method being continued.

Element: Hg Seq. No.: 21 AS Loc.: 1 Date: 04/08/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.098	0.098	0.0007	0.0050	0.0008	03:55:00	No
2	0.078	0.078	0.0005	0.0034	0.0006	03:55:32	No
3	0.065	0.065	0.0004	0.0026	0.0005	03:56:01	No
Mean:	0.080	0.080	0.0005				
SD :	0.0166	0.0166	0.0002				
%RSD:	20.6	20.6	28.2089				

Element: Hg Seq. No.: 22 AS Loc.: 0 Date: 04/08/2011
Sample ID: RINSE

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.062	0.062	0.0004	0.0022	0.0005	03:58:54	No
2	0.050	0.050	0.0003	0.0017	0.0004	03:59:24	No
3	0.040	0.040	0.0002	0.0008	0.0003	03:59:53	No
Mean:	0.051	0.051	0.0003				
SD :	0.0113	0.0113	0.0001				
%RSD:	22.3	22.3	38.9242				

Reagent Blank Performed

Element: Hg Seq. No.: 23 AS Loc.: 19 Date: 04/08/2011
Sample ID: 11D0110-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.823	0.365	0.0032	0.0185	0.0036	04:01:02	No
2	1.537	0.307	0.0027	0.0166	0.0030	04:01:31	No
3	~~0.616~~	~~0.123~~	0.0009	0.0071	0.0013	04:02:01	No
Mean:	~~1.326~~	~~0.265~~	0.0023				
SD :	0.6306	0.1261	0.0012				
%RSD:	47.6	47.6	51.8092				

Element: Hg Seq. No.: 24 AS Loc.: 20 Date: 04/08/2011
Sample ID: 11D0110-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001	0.001	-0.0002	0.0005	0.0002	04:03:13	No
2	-0.002	-0.002	-0.0002	0.0006	0.0001	04:03:42	No
3	-0.003	-0.003	-0.0002	0.0003	0.0001	04:04:10	No
Mean:	-0.001	-0.001	-0.0002				
SD :	0.0024	0.0024	0.0000				
%RSD:	169.9	169.9	10.3517				

Element: Hg Seq. No.: 25 AS Loc.: 21 Date: 04/08/2011
Sample ID: 11D0171-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.005	-0.005	-0.0002	0.0002	0.0001	04:05:23	No
2	-0.003	-0.003	-0.0002	0.0008	0.0001	04:05:53	No
3	-0.005	-0.005	-0.0003	0.0004	0.0001	04:06:22	No
Mean:	-0.004	-0.004	-0.0002				
SD :	0.0016	0.0016	0.0000				
%RSD:	36.1	36.1	6.0283				

Element: Hg Seq. No.: 26 AS Loc.: 22 Date: 04/08/2011
Sample ID: 11D0173-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.007	-0.007	-0.0003	0.0001	0.0001	04:07:34	No
2	-0.007	-0.007	-0.0003	0.0002	0.0001	04:08:03	No
3	-0.010	-0.010	-0.0003	0.0003	0.0001	04:08:31	No
Mean:	-0.008	-0.008	-0.0003				
SD :	0.0018	0.0018	0.0000				
%RSD:	22.8	22.8	5.9808				

Element: Hg Seq. No.: 27 AS Loc.: 23 Date: 04/08/2011
Sample ID: 11D0285-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001	0.001	-0.0002	0.0009	0.0002	04:09:47	No
2	-0.011	-0.011	-0.0003	-0.0003	0.0001	04:10:16	No
3	-0.003	-0.003	-0.0002	0.0004	0.0001	04:10:46	No
Mean:	-0.004	-0.004	-0.0002				
SD :	0.0056	0.0056	0.0001				
%RSD:	128.5	128.5	21.6095				

Element: Hg Seq. No.: 28 AS Loc.: 24 Date: 04/08/2011
Sample ID: 1115209-PS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.546	2.546	0.0236	0.0996	0.0239	04:12:00	No
2	2.564	2.564	0.0237	0.1009	0.0241	04:12:29	No
3	2.570	2.570	0.0238	0.1011	0.0242	04:12:58	No
Mean:	2.560	2.560	0.0237				
SD :	0.0122	0.0122	0.0001				
%RSD:	0.5	0.5	0.4792				

Sample Information File C:\AAUSER\SAMPINFO\110408A.SIF

Description : Hg Aqueous
Batch ID :
Volume Units :
Weight Units :
Analyst : APS
Sample Volume : 0.00

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	RINSE				
1	CALIBRATION BLANK				
2	STD 0.2 PPB				
3	STD 1.0 PPB				
4	STD 2.0 PPB				
5	STD 5.0 PPB				
6	STD 10.0 PPB				
7	ICV				
8	CCV				
9	1115209-BLK1				
10	1115209-BS1				
11	11C1668-01				
12	1115209-DUP1				
13	1115209-MS1				
14	1115209-MSD1				
15	11D0082-01				
16	11D0082-02				
17	11D0082-03				
18	11D0112-01				
19	11D0110-01			5.0000	
20	11D0110-02			1.0000	
21	11D0171-01				
22	11D0173-01				
23	11D0285-01				
24	1115209-PS1				
25	11C1668-01			5.0000	
26	1115209-DUP1			5.0000	
27	1115209-PS1			5.0000	
28	1115209-PS2			1.0000	

Element: Hg Seq. No.: 29 AS Loc.: 0 Date: 04/08/2011
Sample ID: RINSE

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.082	0.082	0.0006	0.0074	0.0009	04:26:38	No
2	0.057	0.057	0.0003	0.0065	0.0007	04:27:07	No
3	0.007	0.007	-0.0001	0.0020	0.0002	04:27:37	No
Mean:	0.049	0.049	0.0003				
SD :	0.0380	0.0380	0.0004				
%RSD:	78.2	78.2	141.2886				

Reagent Blank Performed

Element: Hg Seq. No.: 30 AS Loc.: 25 Date: 04/08/2011
Sample ID: 11C1668-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.132	-0.026	-0.0004	0.0013	0.0002	04:28:47	No
2	-0.141	-0.028	-0.0005	0.0011	0.0001	04:29:16	No
3	-0.138	-0.028	-0.0005	0.0011	0.0001	04:29:46	No
Mean:	-0.137	-0.027	-0.0005				
SD :	0.0043	0.0009	0.0000				
%RSD:	3.1	3.1	1.7404				

Element: Hg Seq. No.: 31 AS Loc.: 26 Date: 04/08/2011
Sample ID: 1115209-DUP1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.147	-0.029	-0.0005	0.0010	0.0001	04:30:59	No
2	-0.144	-0.029	-0.0005	0.0010	0.0001	04:31:28	No
3	-0.150	-0.030	-0.0005	0.0007	0.0001	04:31:58	No
Mean:	-0.147	-0.029	-0.0005				
SD :	0.0030	0.0006	0.0000				
%RSD:	2.1	2.1	1.1831				

Element: Hg Seq. No.: 32 AS Loc.: 27 Date: 04/08/2011
Sample ID: 1115209-PS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	11.92	2.384	0.0221	0.0967	0.0227	04:33:13	No
2	11.89	2.378	0.0220	0.0955	0.0226	04:33:42	No
3	11.88	2.375	0.0220	0.0953	0.0226	04:34:11	No
Mean:	11.90	2.379	0.0220				
SD :	0.0223	0.0045	0.0000				
%RSD:	0.2	0.2	0.1889				

Element: Hg Seq. No.: 33 AS Loc.: 28 Date: 04/08/2011
Sample ID: 1115209-PS2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.409	2.409	0.0223	0.0966	0.0229	04:35:26	No
2	2.391	2.391	0.0221	0.0959	0.0227	04:35:55	No
3	2.398	2.398	0.0222	0.0960	0.0228	04:36:24	No
Mean:	2.399	2.399	0.0222				
SD :	0.0088	0.0088	0.0001				
%RSD:	0.4	0.4	0.3714				

Element: Hg Seq. No.: 34 AS Loc.: 8 Date: 04/08/2011

Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.805	2.805	0.0260	0.1116	0.0261	04:37:42	No
2	2.793	2.793	0.0259	0.1103	0.0260	04:38:11	No
3	2.783	2.783	0.0258	0.1107	0.0259	04:38:39	No
Mean:	2.794	2.794	0.0259				
SD :	0.0112	0.0112	0.0001				
%RSD:	0.4	0.4	0.4046				

QC value within specified limits.

Element: Hg Seq. No.: 35 AS Loc.: 1 Date: 04/08/2011

Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.025	0.025	0.0000	0.0009	0.0001	04:39:54	No
2	0.031	0.031	0.0001	0.0013	0.0002	04:40:23	No
3	0.029	0.029	0.0001	0.0013	0.0002	04:40:52	No
Mean:	0.028	0.028	0.0001				
SD :	0.0032	0.0032	0.0000				
%RSD:	11.4	11.4	49.0201				

QC value within specified limits.

Sample Information File C:\AAUSER\SAMPINFO\110408A.SIF

Description : Hg Aqueous
Batch ID :
Volume Units :
Weight Units :
Analyst : APS
Sample Volume : 0.00

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	RINSE				
1	CALIBRATION BLANK				
2	STD 0.2 PPB				
3	STD 1.0 PPB				
4	STD 2.0 PPB				
5	STD 5.0 PPB				
6	STD 10.0 PPB				
7	ICV				
8	CCV				
9	1115209-BLK1				
10	1115209-BS1				
11	11C1668-01				
12	1115209-DUP1				
13	1115209-MS1				
14	1115209-MSD1				
15	11D0082-01				
16	11D0082-02				
17	11D0082-03				
18	11D0112-01				
19	11D0110-01			5.0000	
20	11D0110-02			1.0000	
21	11D0171-01				
22	11D0173-01				
23	11D0285-01				
24	1115209-PS1				
25	11C1668-01			5.0000	
26	1115209-DUP1			5.0000	
27	1115209-PS1			5.0000	
28	1115209-PS2			1.0000	
29	1115238-BLK1				
30	1115238-BS1				
31	11C1255-19				
32	11D0251-02				
33	11D0252-02				
34	11D0255-02				
35	11D0256-02				
36	11D0259-02				
37	11D0260-02				
38	11D0328-02				
39	11D0334-02				
40	11D0373-01				
41	11D0389-02				
42	11D0389-04				
43	1115238-DUP1				
44	1115238-MS1				
45	1115238-MSD1				
46	11D0449-01				

```
================================================================================
Element: Hg    Seq. No.: 36       AS Loc.: 0   Date: 04/11/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.023    -0.023   -0.0004   0.0012   0.0002   01:22:14  No
 2       -0.022    -0.022   -0.0004   0.0018   0.0002   01:22:43  No
 3       -0.021    -0.021   -0.0004   0.0018   0.0002   01:23:12  No
Mean:    -0.022    -0.022   -0.0004
SD  :    0.0010    0.0010    0.0000
%RSD:       4.4       4.4    2.2070
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 37       AS Loc.: 8   Date: 04/11/2011
Sample ID: CCV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        1.756     1.756    0.0162   0.0747   0.0163   01:24:25  No
 2        1.886     1.886    0.0174   0.0824   0.0175   01:24:54  No
 3        2.030     2.030    0.0188   0.0896   0.0188   01:25:23  No
Mean:     1.891     1.891    0.0175
SD  :    0.1371    0.1371    0.0013
%RSD:       7.3       7.3    7.3342

================================================================================
Element: Hg    Seq. No.: 38       AS Loc.: 0   Date: 04/11/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        0.986     0.986    0.0090   0.0444   0.0091   01:29:24  No
 2        0.457     0.457    0.0041   0.0216   0.0041   01:29:53  No
 3        0.246     0.246    0.0021   0.0122   0.0022   01:30:22  No
Mean:     0.563     0.563    0.0051
SD  :    0.3813    0.3813    0.0036
%RSD:      67.7      67.7   70.4606
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 39       AS Loc.: 8   Date: 04/11/2011
Sample ID: CCV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        1.684     1.684    0.0155   0.0716   0.0156   01:31:35  No
 2        1.781     1.781    0.0164   0.0756   0.0165   01:32:04  No

================================================================================
Element: Hg    Seq. No.: 40       AS Loc.: 0   Date: 04/11/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        0.022     0.022    0.0000   0.0001   0.0001   01:48:29  No
 2        0.022     0.022    0.0000   0.0002   0.0001   01:48:58  No
 3        0.023     0.023    0.0000   0.0002   0.0001   01:49:27  No
Mean:     0.023     0.023    0.0000
SD  :    0.0005    0.0005    0.0000
%RSD:       2.1       2.1   51.0677
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 41       AS Loc.: 8   Date: 04/11/2011
Sample ID: CCV
--------------------------------------------------------------------------------
```

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.973	2.973	0.0276	0.1088	0.0276	01:50:40	No
2	3.011	3.011	0.0279	0.1107	0.0280	01:51:09	No
3	3.027	3.027	0.0281	0.1116	0.0281	01:51:38	No
Mean:	3.004	3.004	0.0278				
SD :	0.0279	0.0279	0.0003				
%RSD:	0.9	0.9	0.9371				

QC value within specified limits.

==========

Element: Hg Seq. No.: 42 AS Loc.: 1 Date: 04/11/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.064	0.064	0.0004	0.0019	0.0005	01:52:52	No
2	0.041	0.041	0.0002	0.0014	0.0003	01:53:22	No
3	0.040	0.040	0.0002	0.0013	0.0003	01:53:51	No
Mean:	0.048	0.048	0.0002				
SD :	0.0135	0.0135	0.0001				
%RSD:	28.0	28.0	50.7392				

QC value within specified limits.

==========

Element: Hg Seq. No.: 43 AS Loc.: 29 Date: 04/11/2011
Sample ID: 1115238-BLK1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.021	0.021	0.0000	0.0003	0.0001	01:55:05	No
2	0.023	0.023	0.0000	0.0007	0.0001	01:55:34	No
3	0.022	0.022	0.0000	0.0005	0.0001	01:56:03	No
Mean:	0.022	0.022	0.0000				
SD :	0.0012	0.0012	0.0000				
%RSD:	5.2	5.2	283.5055				

==========

Element: Hg Seq. No.: 44 AS Loc.: 30 Date: 04/11/2011
Sample ID: 1115238-BS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	~~0.018~~	~~0.018~~	0.0000	0.0004	0.0001	01:57:19	No
2	2.117	2.117	0.0196	0.0774	0.0197	01:57:48	No
3	2.115	2.115	0.0195	0.0780	0.0196	01:58:17	No
Mean:	~~1.417~~	~~1.417~~	0.0130				
SD :	1.212	1.212	0.0113				
%RSD:	85.5	85.5	86.8555				

==========

Element: Hg Seq. No.: 45 AS Loc.: 31 Date: 04/11/2011
Sample ID: 11C1255-19

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.151	0.151	0.0012	0.0087	0.0013	01:59:33	No
2	0.160	0.160	0.0013	0.0083	0.0014	02:00:03	No
3	0.148	0.148	0.0012	0.0065	0.0013	02:00:32	No
Mean:	0.153	0.153	0.0012				
SD :	0.0062	0.0062	0.0001				
%RSD:	4.0	4.0	4.7140				

==========

Element: Hg Seq. No.: 46 AS Loc.: 32 Date: 04/11/2011
Sample ID: 11D0251-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.041	0.041	0.0002	0.0018	0.0003	02:01:46	No
2	0.035	0.035	0.0001	0.0014	0.0002	02:02:16	No
3	0.032	0.032	0.0001	0.0011	0.0002	02:02:46	No
Mean:	0.036	0.036	0.0001				
SD :	0.0047	0.0047	0.0000				
%RSD:	13.0	13.0	32.2335				

Element: Hg Seq. No.: 47 AS Loc.: 33 Date: 04/11/2011
Sample ID: 11D0252-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.154	0.154	0.0012	0.0054	0.0013	02:03:56	No
2	0.153	0.153	0.0012	0.0053	0.0013	02:04:25	No
3	0.154	0.154	0.0012	0.0054	0.0013	02:04:54	No
Mean:	0.153	0.153	0.0012				
SD :	0.0007	0.0007	0.0000				
%RSD:	0.5	0.5	0.5544				

Element: Hg Seq. No.: 48 AS Loc.: 34 Date: 04/11/2011
Sample ID: 11D0255-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.384	0.384	0.0034	0.0143	0.0035	02:06:04	No
2	0.386	0.386	0.0034	0.0150	0.0035	02:06:33	No
3	0.395	0.395	0.0035	0.0161	0.0036	02:07:02	No
Mean:	0.388	0.388	0.0034				
SD :	0.0059	0.0059	0.0001				
%RSD:	1.5	1.5	1.6079				

Element: Hg Seq. No.: 49 AS Loc.: 35 Date: 04/11/2011
Sample ID: 11D0256-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.089	0.089	0.0006	0.0037	0.0007	02:08:13	No
2	0.085	0.085	0.0006	0.0036	0.0007	02:08:42	No
3	0.082	0.082	0.0006	0.0032	0.0007	02:09:11	No
Mean:	0.085	0.085	0.0006				
SD :	0.0033	0.0033	0.0000				
%RSD:	3.8	3.8	5.1299				

Element: Hg Seq. No.: 50 AS Loc.: 36 Date: 04/11/2011
Sample ID: 11D0259-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.026	0.026	0.0000	0.0004	0.0001	02:10:22	No
2	0.030	0.030	0.0001	0.0006	0.0002	02:10:51	No
3	0.030	0.030	0.0001	0.0006	0.0002	02:11:20	No
Mean:	0.029	0.029	0.0001				
SD :	0.0022	0.0022	0.0000				
%RSD:	7.7	7.7	32.1760				

Element: Hg Seq. No.: 51 AS Loc.: 37 Date: 04/11/2011
Sample ID: 11D0260-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.116	0.116	0.0009	0.0040	0.0010	02:12:32	No
2	0.118	0.118	0.0009	0.0040	0.0010	02:13:01	No
3	0.119	0.119	0.0009	0.0043	0.0010	02:13:30	No
Mean:	0.118	0.118	0.0009				
SD :	0.0012	0.0012	0.0000				
%RSD:	1.0	1.0	1.2750				

==========

Element: Hg Seq. No.: 52 AS Loc.: 38 Date: 04/11/2011
Sample ID: 11D0328-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.104	0.104	0.0008	0.0038	0.0009	02:14:42	No
2	0.106	0.106	0.0008	0.0042	0.0009	02:15:11	No
3	0.103	0.103	0.0008	0.0039	0.0009	02:15:40	No
Mean:	0.105	0.105	0.0008				
SD :	0.0015	0.0015	0.0000				
%RSD:	1.4	1.4	1.7935				

==========

Element: Hg Seq. No.: 53 AS Loc.: 8 Date: 04/11/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.403	3.403	0.0316	0.1274	0.0317	02:16:55	No
2	3.441	3.441	0.0319	0.1280	0.0320	02:17:24	No
3	3.443	3.443	0.0319	0.1300	0.0320	02:17:53	No
Mean:	3.429	3.429	0.0318				
SD :	0.0227	0.0227	0.0002				
%RSD:	0.7	0.7	0.6675				

QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

==========

Element: Hg Seq. No.: 54 AS Loc.: 1 Date: 04/11/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.026	0.026	0.0000	0.0009	0.0001	02:19:15	No
2	0.023	0.023	0.0000	0.0006	0.0001	02:19:44	No
3	0.024	0.024	0.0000	0.0005	0.0001	02:20:13	No
Mean:	0.024	0.024	0.0000				
SD :	0.0012	0.0012	0.0000				
%RSD:	5.0	5.0	46.8981				

QC value within specified limits.

==========

Element: Hg Seq. No.: 55 AS Loc.: 39 Date: 04/11/2011
Sample ID: 11D0334-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.315	0.315	0.0027	0.0156	0.0028	02:21:25	No
2	0.302	0.302	0.0026	0.0145	0.0027	02:21:55	No
3	0.305	0.305	0.0026	0.0144	0.0027	02:22:24	No
Mean:	0.307	0.307	0.0027				
SD :	0.0067	0.0067	0.0001				
%RSD:	2.2	2.2	2.3634				

==========

Element: Hg Seq. No.: 56 AS Loc.: 40 Date: 04/11/2011

Sample ID: 11D0373-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.027	0.027	0.0001	0.0005	0.0002	02:23:38	No
2	0.026	0.026	0.0000	0.0001	0.0001	02:24:07	No
3	0.029	0.029	0.0001	0.0007	0.0002	02:24:36	No
Mean:	0.028	0.028	0.0001				
SD :	0.0011	0.0011	0.0000				
%RSD:	4.1	4.1	19.2757				

Element: Hg Seq. No.: 57 AS Loc.: 41 Date: 04/11/2011
Sample ID: 11D0389-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.062	0.062	0.0004	0.0016	0.0005	02:25:50	No
2	0.063	0.063	0.0004	0.0019	0.0005	02:26:20	No
3	0.062	0.062	0.0004	0.0017	0.0005	02:26:49	No
Mean:	0.062	0.062	0.0004				
SD :	0.0009	0.0009	0.0000				
%RSD:	1.4	1.4	2.2008				

Element: Hg Seq. No.: 58 AS Loc.: 42 Date: 04/11/2011
Sample ID: 11D0389-04

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.055	0.055	0.0003	0.0017	0.0004	02:28:03	No
2	0.058	0.058	0.0003	0.0017	0.0004	02:28:32	No
3	0.058	0.058	0.0003	0.0019	0.0004	02:29:01	No
Mean:	0.057	0.057	0.0003				
SD :	0.0013	0.0013	0.0000				
%RSD:	2.3	2.3	3.7374				

Element: Hg Seq. No.: 59 AS Loc.: 43 Date: 04/11/2011
Sample ID: 1115238-DUP1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.057	0.057	0.0003	0.0019	0.0004	02:30:15	No
2	0.055	0.055	0.0003	0.0017	0.0004	02:30:44	No
3	0.056	0.056	0.0003	0.0019	0.0004	02:31:13	No
Mean:	0.056	0.056	0.0003				
SD :	0.0013	0.0013	0.0000				
%RSD:	2.4	2.4	3.8964				

Element: Hg Seq. No.: 60 AS Loc.: 44 Date: 04/11/2011
Sample ID: 1115238-MS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.034	2.034	0.0188	0.0787	0.0189	02:32:28	No
2	2.033	2.033	0.0188	0.0786	0.0189	02:32:58	No
3	2.035	2.035	0.0188	0.0789	0.0189	02:33:27	No
Mean:	2.034	2.034	0.0188				
SD :	0.0008	0.0008	0.0000				
%RSD:							

Element: Hg Seq. No.: 61 AS Loc.: 45 Date: 04/11/2011
Sample ID: 1115238-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.076	2.076	0.0192	0.0805	0.0193	02:34:43	No
2	2.071	2.071	0.0191	0.0807	0.0192	02:35:12	No
3	2.077	2.077	0.0192	0.0812	0.0193	02:35:41	No
Mean:	2.075	2.075	0.0192				
SD :	0.0032	0.0032	0.0000				
%RSD:	0.2	0.2	0.1560				

Element: Hg Seq. No.: 62 AS Loc.: 46 Date: 04/11/2011
Sample ID: 11D0449-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.045	0.045	0.0002	0.0026	0.0003	02:36:57	No
2	0.038	0.038	0.0001	0.0018	0.0002	02:37:26	No
3	0.036	0.036	0.0001	0.0015	0.0002	02:37:55	No
Mean:	0.039	0.039	0.0002				
SD :	0.0046	0.0046	0.0000				
%RSD:	11.7	11.7	26.0998				

Element: Hg Seq. No.: 63 AS Loc.: 8 Date: 04/11/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.517	3.517	0.0326	0.1306	0.0327	02:39:12	No
2	3.551	3.551	0.0330	0.1327	0.0330	02:39:41	No
3	3.522	3.522	0.0327	0.1320	0.0328	02:40:10	No
Mean:	3.530	3.530	0.0328				
SD :	0.0183	0.0183	0.0002				
%RSD:	0.5	0.5	0.5210				

QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

Element: Hg Seq. No.: 64 AS Loc.: 1 Date: 04/11/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.020	0.020	0.0000	0.0001	0.0001	02:41:24	No
2	0.021	0.021	0.0000	0.0003	0.0001	02:41:53	No
3	0.016	0.016	-0.0001	-0.0002	0.0000	02:42:22	No
Mean:	0.019	0.019	0.0000				
SD :	0.0025	0.0025	0.0000				
%RSD:	13.1	13.1	89.6290				

QC value within specified limits.

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D1303 **Matrix:** Water **Department:** Metals **Instrument:** PE ELAN 9000

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Tuesday, April 12, 2011 08:36:40
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.206
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	19370.1	19370.083	221.873	1.1
	Rh	102.9	150874.9	150874.856	2712.537	1.8
	In	114.9	168447.6	168447.639	3400.148	2.0
	Pb	208.0	211035.2	211035.236	1263.282	0.6
	U	238.1	454684.5	454684.470	3709.777	0.8
⌈>	Ba	137.9	193195.1	193195.067	4682.731	2.4
⌊	Ba++	69.0	9138.6	0.047	0.010	21.7
⌈>	Ce	139.9	234150.2	234150.232	4670.357	2.0
⌊	CeO	155.9	8646.3	0.037	0.000	0.8
	Bkgd	220.0	19.7	19.667	1.379	7.0

Current Optimization File Data

Current Value	Description
0.86	Nebulizer Gas Flow
6.25	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.3	5322.6
Co	59	17	6.5	295520.5
In	115	17	7.3	654723.3

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Tuesday, April 12, 2011 08:49:47
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.207
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	15849.3	15849.271	102.886	0.6
	Rh	102.9	152414.6	152414.602	814.547	0.5
	In	114.9	174708.6	174708.560	1543.662	0.9
	Pb	208.0	270030.7	270030.736	3376.164	1.3
	U	238.1	517725.2	517725.201	3373.988	0.7
⌈>	Ba	137.9	242966.9	242966.946	2294.208	0.9
⌊	Ba++	69.0	16587.4	0.068	0.000	0.5
⌈>	Ce	139.9	297268.4	297268.426	2863.884	1.0
⌊	CeO	155.9	11401.2	0.038	0.000	1.0
	Bkgd	220.0	22.9	22.934	1.949	8.5

Current Optimization File Data

Current Value	Description
0.84	Nebulizer Gas Flow
6.25	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.3	5322.6
Co	59	17	6.5	295520.5
In	115	17	7.3	654723.3

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Tuesday, April 12, 2011 09:05:10
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.208
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	67659.1	67659.139	819.315	1.2
	Rh	102.9	421795.6	421795.602	2807.596	0.7
	In	114.9	513780.8	513780.754	5180.882	1.0
	Pb	208.0	308022.8	308022.823	2800.643	0.9
	U	238.1	630883.7	630883.743	10196.575	1.6
⌈>	Ba	137.9	436982.5	436982.487	2330.853	0.5
⌊	Ba++	69.0	12428.7	0.028	0.003	9.9
⌈>	Ce	139.9	538351.7	538351.715	2640.647	0.5
⌊	CeO	155.9	12911.4	0.024	0.000	0.8
	Bkgd	220.0	24.1	24.067	1.342	5.6

Current Optimization File Data

Current Value	Description
0.84	Nebulizer Gas Flow
6.25	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.3	5322.6
Co	59	17	6.5	295520.5
In	115	17	7.3	654723.3

Instrument Tuning Report

File Name: default.tun
File Path: C:\Elandata\Tuning\default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
C	12.000	12.025	2756	2018	0.802	
Mg	23.985	23.979	5659	2012	0.825	
Rh	102.905	102.878	24846	2009	0.741	
Ce	139.905	139.879	33851	2005	0.752	
Pb	207.977	207.978	50407	1998	0.759	
U	238.050	238.075	57717	2008	0.707	

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Tuesday, April 12, 2011 09:28:20
Sample Description:
Method File: C:\Elandata\Method\Daily.mth
Dataset File: C:\Elandata\Dataset\101027A_AT\Sample.209
Tuning File: C:\Elandata\Tuning\default.tun
Optimization File: C:\Elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 55
Current Dead Time (ns): 55

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	76433.8	76433.841	245.752	0.3
	Rh	102.9	493583.2	493583.203	4966.450	1.0
	In	114.9	606393.2	606393.160	6139.504	1.0
	Pb	208.0	352119.0	352119.033	3082.274	0.9
	U	238.1	705843.1	705843.098	6494.106	0.9
⎡>	Ba	137.9	534825.3	534825.302	6528.179	1.2
⎣	Ba++	69.0	16182.5	0.030	0.000	1.1
⎡>	Ce	139.9	656894.6	656894.640	5770.197	0.9
⎣	CeO	155.9	16507.0	0.025	0.001	2.4
	Bkgd	220.0	19.9	19.934	1.539	7.7

Current Optimization File Data

Current Value	Description
0.86	Nebulizer Gas Flow
6.75	Lens Voltage
1300.00	ICP RF Power
-1937.50	Analog Stage Voltage
1000.00	Pulse Stage Voltage
35.00	Discriminator Threshold
-9.50	AC Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	17	5.5	7827.7
Co	59	17	6.3	282376.8
In	115	17	7.3	638058.0

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Blank
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 09:42:19
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\Blank.001
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	209693.58		
	Be	9		mg/L	15.00		
	B	11		mg/L	4523.17		
	Na	23		mg/L	58423.03		
	Mg	24		mg/L	3499.71		
	Al	27		mg/L	57583.20		
	Si	28		mg/L	69710.46		
	K	39		mg/L	1469854.05		
	Ca	44		mg/L	135082.32		
>	Sc	45		mg/L	793415.44		
	Ti	47		mg/L	1795.86		
	V	51		mg/L	-38497.49		
	Cr	52		mg/L	23502.60		
	Mn	55		mg/L	5313.96		
	Fe	57		mg/L	14385.53		
	Ni	58		mg/L	7696.00		
	Co	59		mg/L	297.34		
	Ni	60		mg/L	312.34		
	Ni	62		mg/L	239.34		
	Cu	63		mg/L	813.71		
	Cu	65		mg/L	462.35		
	Zn	66		mg/L	5994.71		
	Zn	68		mg/L	4990.42		
	Ga	69		mg/L	3685.12		
>	Ge	72		mg/L	436133.75		
	As	75		mg/L	-1010.40		
	Se	77		mg/L	6314.59		
	Se	82		mg/L	-66.76		
	Sr	88		mg/L	3979.58		
>	Y	89		mg/L	1817698.85		
	Mo	95		mg/L	105.34		
	Mo	98		mg/L	141.37		
>	Rh	103		mg/L	1659546.00		
	Ag	107		mg/L	122.34		
	Ag	109		mg/L	83.67		
	Cd	111		mg/L	86.33		
	Cd	114		mg/L	250.44		
>	In	115		mg/L	2053738.35		
	Sn	118		mg/L	400.01		
	Sn	120		mg/L	546.43		
	Sb	121		mg/L	333.68		
	Sb	123		mg/L	245.49		
	Ba	135		mg/L	255.67		

	Ba	137	mg/L	388.34
>	Tb	159	mg/L	2521741.47
>	Ho	165	mg/L	2548932.32
	Hg	202	mg/L	65.33
	Tl	203	mg/L	2250.30
	Tl	205	mg/L	5459.70
	Pb	208	mg/L	9189.93
	Bi	209	mg/L	433.68
	Th	232	mg/L	2148.94
	U	238	mg/L	146.34

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 09:47:24
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\Standard 1.002
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 9

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	215673.94	215673.936	1.667
	Be	9		mg/L	146.00	0.001	8.905
	B	11		mg/L	4968.74	0.001	56.446
	Na	23		mg/L	269208.86	0.283	6.384
	Mg	24		mg/L	7067.16	0.005	9.359
	Al	27		mg/L	62250.31	0.010	42.459
	Si	28		mg/L	195599.16	0.171	2.713
	K	39		mg/L	1851864.12	0.604	21.767
	Ca	44		mg/L	142699.74	0.019	31.453
>	Sc	45		mg/L	754554.50	754554.500	3.395
	Ti	47		mg/L	1997.91	0.000	10.565
	V	51		mg/L	-49492.56	-0.018	211.642
	Cr	52		mg/L	27808.41	0.007	18.229
	Mn	55		mg/L	10230.88	0.007	17.331
	Fe	57		mg/L	14985.49	0.002	48.962
	Ni	58		mg/L	10223.20	0.005	61.778
	Co	59		mg/L	4808.99	0.010	17.639
	Ni	60		mg/L	1521.48	0.003	7.287
	Ni	62		mg/L	443.35	0.000	15.511
	Cu	63		mg/L	5478.04	0.010	3.974
	Cu	65		mg/L	2720.43	0.005	9.474
	Zn	66		mg/L	8850.40	0.006	40.570
	Zn	68		mg/L	6976.75	0.004	40.200
	Ga	69		mg/L	7963.23	0.009	12.290
>	Ge	72		mg/L	449354.20	449354.200	7.471
	As	75		mg/L	340.02	0.003	51.319
	Se	77		mg/L	6697.53	0.000	243.739
	Se	82		mg/L	34.71	0.000	2.356
	Sr	88		mg/L	12711.34	0.005	10.411
>	Y	89		mg/L	1850737.79	1850737.793	6.423
	Mo	95		mg/L	1386.79	0.001	2.412
	Mo	98		mg/L	2168.49	0.001	6.442
>	Rh	103		mg/L	1585596.32	1585596.316	4.687
	Ag	107		mg/L	3585.74	0.002	4.838
	Ag	109		mg/L	3301.97	0.002	10.030
	Cd	111		mg/L	1007.73	0.001	12.144
	Cd	114		mg/L	2417.54	0.001	5.554
>	In	115		mg/L	1930952.95	1930952.949	8.163
	Sn	118		mg/L	3112.90	0.001	2.899
	Sn	120		mg/L	4436.62	0.002	10.315
	Sb	121		mg/L	3833.18	0.002	12.676
	Sb	123		mg/L	2964.42	0.001	15.428
	Ba	135		mg/L	1137.42	0.000	17.343

	Ba	137	mg/L	1950.61	0.001	17.729
>	Tb	159	mg/L	2632072.28	2632072.282	6.392
>	Ho	165	mg/L	2592414.07	2592414.066	2.143
	Hg	202	mg/L	62.33	-0.000	135.583
	Tl	203	mg/L	4735.62	0.001	21.198
	Tl	205	mg/L	11346.87	0.002	13.627
	Pb	208	mg/L	19045.76	0.004	4.129
	Bi	209	mg/L	9418.65	0.003	8.113
	Th	232	mg/L	8238.82	0.002	9.628
	U	238	mg/L	12419.28	0.005	5.494

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 09:52:30
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\Standard 2.003
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	213826.23	213826.230	4.752
	Be	9	0.001000	mg/L	239.34	0.001	6.040
	B	11	0.001000	mg/L	4809.99	0.001	204.627
	Na	23	0.100000	mg/L	379714.33	0.446	1.741
	Mg	24	0.001000	mg/L	5910.65	0.004	12.944
	Al	27	0.001000	mg/L	59768.81	0.010	113.436
	Si	28	0.001000	mg/L	180849.71	0.161	19.312
	K	39	0.100000	mg/L	2124668.28	1.065	19.608
	Ca	44	0.100000	mg/L	145575.89	0.030	45.208
>	Sc	45		mg/L	730579.92	730579.918	6.780
	Ti	47	0.001000	mg/L	2160.28	0.001	24.074
	V	51	0.001000	mg/L	-30415.90	0.007	143.389
	Cr	52	0.001000	mg/L	30816.90	0.013	39.537
	Mn	55	0.001000	mg/L	13504.51	0.012	4.774
	Fe	57	0.001000	mg/L	14631.92	0.002	35.166
	Ni	58	0.001000	mg/L	12203.31	0.010	11.915
	Co	59	0.001000	mg/L	9466.37	0.021	5.467
	Ni	60	0.001000	mg/L	2393.67	0.005	7.572
	Ni	62	0.001000	mg/L	551.36	0.001	1.791
	Cu	63	0.001000	mg/L	5470.37	0.011	11.076
	Cu	65	0.001000	mg/L	2592.40	0.005	8.114
	Zn	66	0.001000	mg/L	7269.98	0.003	12.312
	Zn	68	0.001000	mg/L	5913.32	0.002	28.827
	Ga	69	0.001000	mg/L	11807.80	0.018	5.577
>	Ge	72		mg/L	438665.38	438665.375	2.642
	As	75	0.001000	mg/L	958.64	0.004	26.187
	Se	77	0.001000	mg/L	6788.27	0.001	134.228
	Se	82	0.001000	mg/L	69.56	0.000	14.251
	Sr	88	0.001000	mg/L	20011.61	0.009	6.465
>	Y	89		mg/L	1797271.52	1797271.525	1.995
	Mo	95	0.001000	mg/L	2558.72	0.001	7.165
	Mo	98	0.001000	mg/L	4020.38	0.002	9.111
>	Rh	103		mg/L	1644122.79	1644122.793	5.098
	Ag	107	0.001000	mg/L	6841.65	0.004	1.669
	Ag	109	0.001000	mg/L	6488.38	0.004	3.206
	Cd	111	0.001000	mg/L	1798.53	0.001	11.841
	Cd	114	0.001000	mg/L	4185.77	0.002	17.537
>	In	115		mg/L	1937442.36	1937442.362	1.397
	Sn	118	0.001000	mg/L	5516.06	0.003	6.392
	Sn	120	0.001000	mg/L	7675.46	0.004	9.416
	Sb	121	0.001000	mg/L	6934.38	0.003	5.656
	Sb	123	0.001000	mg/L	5427.37	0.003	4.207
	Ba	135	0.001000	mg/L	1790.19	0.001	2.670

	Ba	137	0.001000	mg/L	3281.61	0.001	5.794
>	Tb	159		mg/L	2517568.49	2517568.493	3.611
>	Ho	165		mg/L	2482659.71	2482659.705	7.033
	Hg	202	0.000020	mg/L	53.67	-0.000	41.264
	Tl	203	0.001000	mg/L	7144.88	0.002	14.107
	Tl	205	0.001000	mg/L	17344.41	0.005	17.516
	Pb	208	0.001000	mg/L	26604.92	0.007	7.808
	Bi	209	0.001000	mg/L	17835.68	0.007	2.503
	Th	232	0.001000	mg/L	17549.14	0.006	14.322
	U	238	0.001000	mg/L	23938.83	0.010	14.015

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 3
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 09:57:37
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\Standard 3.004
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	217969.84	217969.840	7.401
	Be	9	0.005005	mg/L	1167.42	0.005	3.563
	B	11	0.005060	mg/L	5812.92	0.005	48.475
	Na	23	0.500552	mg/L	1592251.43	2.076	2.935
	Mg	24	0.005058	mg/L	14571.17	0.015	3.381
	Al	27	0.005032	mg/L	72387.65	0.026	41.434
	Si	28	0.005128	mg/L	207170.15	0.194	21.560
	K	39	0.499495	mg/L	4439193.57	4.172	16.457
	Ca	44	0.500253	mg/L	216569.53	0.123	17.355
>	Sc	45		mg/L	741237.46	741237.464	7.990
	Ti	47	0.005002	mg/L	4189.34	0.003	5.058
	V	51	0.004848	mg/L	-14580.47	0.028	83.612
	Cr	52	0.004993	mg/L	56895.47	0.048	21.427
	Mn	55	0.005007	mg/L	53279.55	0.065	8.586
	Fe	57	0.004948	mg/L	15190.54	0.002	13.219
	Ni	58	0.005000	mg/L	29285.51	0.050	16.804
	Co	59	0.004997	mg/L	43493.56	0.099	5.432
	Ni	60	0.005001	mg/L	9938.55	0.022	2.786
	Ni	62	0.005005	mg/L	1726.51	0.003	3.417
	Cu	63	0.005028	mg/L	23331.47	0.052	7.345
	Cu	65	0.005032	mg/L	10801.87	0.024	12.127
	Zn	66	0.005122	mg/L	11889.25	0.014	28.065
	Zn	68	0.005113	mg/L	9251.13	0.010	17.565
	Ga	69	0.005000	mg/L	43120.93	0.090	1.714
>	Ge	72		mg/L	437311.61	437311.607	5.638
	As	75	0.005002	mg/L	6473.01	0.017	3.604
	Se	77	0.004984	mg/L	7914.53	0.004	43.595
	Se	82	0.005011	mg/L	550.70	0.000	17.672
	Sr	88	0.005000	mg/L	81824.44	0.043	0.756
>	Y	89		mg/L	1800519.90	1800519.902	5.866
	Mo	95	0.005000	mg/L	12426.95	0.007	4.478
	Mo	98	0.005000	mg/L	19506.39	0.011	11.037
>	Rh	103		mg/L	1576348.85	1576348.851	1.586
	Ag	107	0.005003	mg/L	33706.80	0.021	5.202
	Ag	109	0.005003	mg/L	32263.36	0.020	8.076
	Cd	111	0.005004	mg/L	8658.88	0.005	0.288
	Cd	114	0.005005	mg/L	19770.25	0.012	4.272
>	In	115		mg/L	1896860.92	1896860.920	8.510
	Sn	118	0.005002	mg/L	25357.24	0.013	8.227
	Sn	120	0.005003	mg/L	35688.70	0.019	11.475
	Sb	121	0.005003	mg/L	32949.08	0.017	14.093
	Sb	123	0.005001	mg/L	24855.00	0.013	8.565
	Ba	135	0.005002	mg/L	7913.87	0.003	13.593

	Ba	137	0.004998	mg/L	13921.39	0.005	7.925
>	Tb	159		mg/L	2535803.84	2535803.843	4.318
>	Ho	165		mg/L	2464674.07	2464674.072	3.898
	Hg	202	0.000469	mg/L	55.33	-0.000	107.572
	Tl	203	0.005004	mg/L	31343.26	0.012	5.423
	Tl	205	0.005004	mg/L	77328.66	0.029	8.597
	Pb	208	0.005005	mg/L	109125.65	0.041	5.158
	Bi	209	0.004999	mg/L	85150.22	0.034	5.596
	Th	232	0.005000	mg/L	93962.58	0.037	7.906
	U	238	0.004999	mg/L	118774.18	0.048	7.688

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 4
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:02:44
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\Standard 4.005
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 12

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	207608.81	207608.811	6.579
	Be	9	0.010046	mg/L	2266.64	0.011	0.931
	B	11	0.010278	mg/L	6895.35	0.012	21.191
	Na	23	1.010572	mg/L	3414776.42	4.374	1.362
	Mg	24	0.010158	mg/L	26839.88	0.031	1.992
	Al	27	0.010000	mg/L	89189.67	0.044	23.912
	Si	28	-0.038183	mg/L	192899.26	0.165	19.143
	K	39	0.990074	mg/L	7258035.56	7.641	14.603
	Ca	44	0.994037	mg/L	307049.63	0.231	9.636
>	Sc	45		mg/L	767580.17	767580.170	5.127
	Ti	47	0.009859	mg/L	6493.05	0.006	3.335
	V	51	0.010060	mg/L	19242.27	0.073	41.384
	Cr	52	0.009765	mg/L	84200.22	0.081	19.152
	Mn	55	0.009949	mg/L	102527.28	0.127	5.630
	Fe	57	0.010636	mg/L	16930.98	0.004	27.157
	Ni	58	0.010123	mg/L	54019.99	0.107	12.067
	Co	59	0.010022	mg/L	86899.65	0.200	5.699
	Ni	60	0.010014	mg/L	19342.12	0.044	2.338
	Ni	62	0.009955	mg/L	3073.22	0.007	3.886
	Cu	63	0.010061	mg/L	45497.02	0.103	4.070
	Cu	65	0.010161	mg/L	22285.23	0.050	9.739
	Zn	66	0.010524	mg/L	20636.66	0.034	14.389
	Zn	68	0.010470	mg/L	15189.83	0.024	7.701
	Ga	69	0.009964	mg/L	79909.41	0.176	1.027
>	Ge	72		mg/L	433432.23	433432.232	4.280
	As	75	0.009891	mg/L	12334.28	0.031	4.469
	Se	77	0.009889	mg/L	9159.04	0.007	21.755
	Se	82	0.010111	mg/L	1200.57	0.001	12.354
	Sr	88	0.009983	mg/L	153870.67	0.085	1.979
>	Y	89		mg/L	1760419.33	1760419.335	5.110
	Mo	95	0.010024	mg/L	24573.80	0.014	6.236
	Mo	98	0.010069	mg/L	39765.43	0.023	10.072
>	Rh	103		mg/L	1617519.65	1617519.650	2.546
	Ag	107	0.009910	mg/L	65281.98	0.040	7.824
	Ag	109	0.009893	mg/L	61917.20	0.038	11.520
	Cd	111	0.009935	mg/L	16946.64	0.010	7.192
	Cd	114	0.009994	mg/L	40059.00	0.025	5.562
>	In	115		mg/L	2054801.59	2054801.591	8.866
	Sn	118	0.009876	mg/L	50429.72	0.024	9.227
	Sn	120	0.009812	mg/L	68356.07	0.033	13.225
	Sb	121	0.009804	mg/L	63039.99	0.031	15.772
	Sb	123	0.009861	mg/L	49025.53	0.024	9.448
	Ba	135	0.010034	mg/L	16103.83	0.006	13.193

	Ba	137	0.010018	mg/L	28010.54	0.011	7.791
>	Tb	159		mg/L	2575104.17	2575104.167	3.765
>	Ho	165		mg/L	2563249.18	2563249.177	4.364
	Hg	202	0.001217	mg/L	74.67	0.000	66.065
	Tl	203	0.009980	mg/L	63065.17	0.024	1.256
	Tl	205	0.009923	mg/L	150399.79	0.057	9.014
	Pb	208	0.009960	mg/L	214120.60	0.080	6.584
	Bi	209	0.009979	mg/L	174211.73	0.068	1.483
	Th	232	0.010084	mg/L	208619.29	0.081	2.664
	U	238	0.009846	mg/L	224934.29	0.088	7.906

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: Standard 5
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:07:52
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\Standard 5.006
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL):
Diluted To Volume (mL):
Autosampler Position: 13

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	200489.24	200489.244	6.450
	Be	9	0.100000	mg/L	21684.77	0.108	0.888
	B	11	0.100019	mg/L	27469.41	0.116	9.368
	Na	23	10.000587	mg/L	33311661.60	43.551	2.358
	Mg	24	0.100003	mg/L	220194.86	0.284	1.338
	Al	27	0.100073	mg/L	378121.09	0.424	7.869
	Si	28	0.100552	mg/L	356947.22	0.381	12.533
	K	39	10.000993	mg/L	58789168.37	75.451	11.861
	Ca	44	10.002461	mg/L	1908901.30	2.335	5.473
>	Sc	45		mg/L	763113.37	763113.367	4.565
	Ti	47	0.100037	mg/L	51763.81	0.066	1.506
	V	51	0.100053	mg/L	659840.27	0.915	8.044
	Cr	52	0.100010	mg/L	622087.57	0.789	15.845
	Mn	55	0.099991	mg/L	963780.44	1.258	3.741
	Fe	57	0.100191	mg/L	39229.76	0.033	4.608
	Ni	58	0.099978	mg/L	446568.25	1.034	9.611
	Co	59	0.099988	mg/L	832610.92	1.957	4.607
	Ni	60	0.099978	mg/L	179357.88	0.420	4.151
	Ni	62	0.099997	mg/L	27648.04	0.064	2.179
	Cu	63	0.100003	mg/L	428946.85	1.007	4.568
	Cu	65	0.100001	mg/L	208614.34	0.490	9.402
	Zn	66	0.099955	mg/L	129420.25	0.291	11.602
	Zn	68	0.099949	mg/L	90504.98	0.201	6.123
	Ga	69	0.099995	mg/L	745777.94	1.743	2.627
>	Ge	72		mg/L	425825.24	425825.238	4.396
	As	75	0.100041	mg/L	133265.77	0.316	4.510
	Se	77	0.098284	mg/L	14124.14	0.019	19.165
	Se	82	0.099997	mg/L	12092.24	0.007	14.072
	Sr	88	0.099993	mg/L	1461077.57	0.839	1.856
>	Y	89		mg/L	1738798.49	1738798.485	6.385
	Mo	95	0.100004	mg/L	243049.88	0.140	5.039
	Mo	98	0.100010	mg/L	397087.53	0.229	11.460
>	Rh	103		mg/L	1562592.42	1562592.421	1.323
	Ag	107	0.099998	mg/L	628804.54	0.403	7.984
	Ag	109	0.100006	mg/L	605860.47	0.388	8.456
	Cd	111	0.100006	mg/L	164751.14	0.105	2.070
	Cd	114	0.100014	mg/L	393061.59	0.251	5.885
>	In	115		mg/L	2006073.56	2006073.558	9.790
	Sn	118	0.100002	mg/L	490533.50	0.245	4.965
	Sn	120	0.100005	mg/L	664421.80	0.334	16.175
	Sb	121	0.099954	mg/L	569474.83	0.287	19.016
	Sb	123	0.099975	mg/L	455105.26	0.229	13.940
	Ba	135	0.100005	mg/L	160201.54	0.062	9.072

	Ba	137	0.099995	mg/L	273230.55	0.106	5.189
>	Tb	159		mg/L	2579812.04	2579812.039	1.995
>	Ho	165		mg/L	2617115.49	2617115.489	2.875
	Hg	202	0.009751	mg/L	93.67	0.000	33.348
	Tl	203	0.100005	mg/L	636577.53	0.242	1.436
	Tl	205	0.099974	mg/L	1451880.96	0.553	6.078
	Pb	208	0.099982	mg/L	2061835.76	0.785	3.491
	Bi	209	0.099975	mg/L	1705393.34	0.651	3.771
	Th	232	0.100032	mg/L	2260068.81	0.863	1.846
	U	238	0.100009	mg/L	2335579.73	0.893	6.402

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:12:58
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-ICV1.007
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	197819.34	197819.342	6.157
	Be	9	0.040425	mg/L	8644.86	0.044	3.927
	B	11	0.041470	mg/L	13705.17	0.048	19.270
	Na	23	0.385949	mg/L	1311963.17	1.680	1.107
	Mg	24	0.405808	mg/L	858775.08	1.147	5.858
	Al	27	0.201355	mg/L	684161.56	0.848	13.978
	Si	28	-0.032597	mg/L	134786.27	0.094	29.861
	K	39	0.414032	mg/L	3897396.00	3.384	15.464
	Ca	44	0.385522	mg/L	197331.85	0.094	17.150
>	Sc	45		mg/L	747758.81	747758.812	7.003
	Ti	47	0.039638	mg/L	21042.88	0.026	6.280
	V	51	0.039863	mg/L	227617.07	0.355	14.226
	Cr	52	0.038660	mg/L	250818.25	0.308	15.722
	Mn	55	0.042125	mg/L	400926.42	0.530	3.673
	Fe	57	0.173873	mg/L	56051.04	0.057	2.103
	Ni	58	0.040923	mg/L	190031.79	0.423	5.499
	Co	59	0.039234	mg/L	331768.61	0.769	5.829
	Ni	60	0.039776	mg/L	72634.60	0.168	7.091
	Ni	62	0.040886	mg/L	11606.19	0.026	1.169
	Cu	63	0.040775	mg/L	178312.43	0.412	5.314
	Cu	65	0.039962	mg/L	85060.45	0.196	7.766
	Zn	66	0.037966	mg/L	54141.13	0.112	6.379
	Zn	68	0.038148	mg/L	38500.44	0.078	3.442
	Ga	69	0.039953	mg/L	304280.84	0.697	4.784
>	Ge	72		mg/L	431019.34	431019.337	1.605
	As	75	0.041002	mg/L	54982.36	0.130	2.862
	Se	77	0.015135	mg/L	8286.54	0.005	31.486
	Se	82	0.039419	mg/L	4764.60	0.003	9.048
	Sr	88	0.041144	mg/L	606383.51	0.346	4.735
>	Y	89		mg/L	1741867.23	1741867.225	3.730
	Mo	95	0.042235	mg/L	102818.09	0.059	8.988
	Mo	98	0.041715	mg/L	166094.09	0.096	9.820
>	Rh	103		mg/L	1551429.00	1551429.002	4.409
	Ag	107	0.021254	mg/L	133484.87	0.086	3.468
	Ag	109	0.021592	mg/L	130248.97	0.084	0.797
	Cd	111	0.040268	mg/L	65821.25	0.042	7.165
	Cd	114	0.040684	mg/L	158141.40	0.102	11.277
>	In	115		mg/L	1932537.10	1932537.098	7.354
	Sn	118	0.041305	mg/L	195743.77	0.101	8.446
	Sn	120	0.042103	mg/L	271968.33	0.141	12.626
	Sb	121	0.045741	mg/L	254742.82	0.132	9.957
	Sb	123	0.045269	mg/L	200635.86	0.104	6.797
	Ba	135	0.038966	mg/L	63114.99	0.024	5.851

	Ba	137	0.039271	mg/L	108523.66	0.042	6.999
>	Tb	159		mg/L	2602216.29	2602216.286	3.660
>	Ho	165		mg/L	2587522.37	2587522.369	7.604
	Hg	202	0.005582	mg/L	79.00	0.000	115.556
	Tl	203	0.039529	mg/L	248438.72	0.096	8.841
	Tl	205	0.039685	mg/L	570226.30	0.220	14.640
	Pb	208	0.040536	mg/L	831482.09	0.318	4.649
	Bi	209	0.041514	mg/L	701356.40	0.271	2.215
	Th	232	0.039559	mg/L	874435.29	0.339	9.968
	U	238	0.037843	mg/L	868899.79	0.339	16.662

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICB1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:18:02
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-ICB1.008
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	201091.93	201091.929	5.610
	Be	9	0.000005	mg/L	13.33	-0.000	99.291
	B	11	-0.000608	mg/L	4202.35	-0.001	273.429
	Na	23	0.000425	mg/L	56452.71	0.001	221.299
	Mg	24	-0.000727	mg/L	3276.96	-0.000	293.217
	Al	27	-0.001299	mg/L	54321.55	-0.000	2585.157
	Si	28	-0.077478	mg/L	63539.11	-0.003	324.264
	K	39	-0.023269	mg/L	1466435.55	0.097	192.636
	Ca	44	-0.071951	mg/L	119004.40	-0.012	107.701
>	Sc	45		mg/L	756290.83	756290.825	8.271
	Ti	47	-0.000146	mg/L	1614.16	-0.000	90.550
	V	51	0.002485	mg/L	-31003.90	0.007	84.006
	Cr	52	-0.001258	mg/L	18387.78	-0.005	62.132
	Mn	55	-0.000281	mg/L	3097.89	-0.003	17.698
	Fe	57	-0.004891	mg/L	13403.69	-0.000	148.876
	Ni	58	-0.000075	mg/L	7460.81	-0.000	526.276
	Co	59	-0.000090	mg/L	311.68	0.000	168.452
	Ni	60	-0.000266	mg/L	267.01	-0.000	16.616
	Ni	62	-0.000257	mg/L	218.00	-0.000	87.116
	Cu	63	-0.000259	mg/L	781.04	-0.000	382.385
	Cu	65	-0.000178	mg/L	447.68	-0.000	299.266
	Zn	66	-0.000920	mg/L	5720.52	-0.000	266.224
	Zn	68	-0.001184	mg/L	4632.89	-0.001	82.064
	Ga	69	-0.000142	mg/L	3295.97	-0.001	34.842
>	Ge	72		mg/L	433624.64	433624.643	6.561
	As	75	0.000381	mg/L	-63.04	0.002	94.474
	Se	77	-0.035242	mg/L	4629.56	-0.004	32.867
	Se	82	0.000198	mg/L	-23.09	0.000	93.970
	Sr	88	-0.000114	mg/L	3843.85	-0.000	301.924
>	Y	89		mg/L	1771531.54	1771531.542	6.358
	Mo	95	0.000503	mg/L	1233.76	0.001	9.579
	Mo	98	0.000565	mg/L	1892.77	0.001	3.251
>	Rh	103		mg/L	1593932.06	1593932.059	0.673
	Ag	107	-0.000050	mg/L	412.68	0.000	52.791
	Ag	109	0.000005	mg/L	390.01	0.000	51.265
	Cd	111	-0.000035	mg/L	76.33	-0.000	107.860
	Cd	114	0.000059	mg/L	211.95	-0.000	32.779
>	In	115		mg/L	1922086.05	1922086.049	4.449
	Sn	118	0.000010	mg/L	1090.74	0.000	29.113
	Sn	120	-0.000045	mg/L	1471.51	0.001	33.624
	Sb	121	0.002364	mg/L	16170.39	0.008	17.672
	Sb	123	0.002544	mg/L	12961.60	0.007	13.960
	Ba	135	0.000034	mg/L	254.34	-0.000	259.579

	Ba	137	-0.000092	mg/L	393.04	-0.000	666.925
>	Tb	159		mg/L	2582776.41	2582776.406	2.424
>	Ho	165		mg/L	2581350.10	2581350.102	8.692
	Hg	202	-0.001839	mg/L	55.33	-0.000	50.909
	Tl	203	-0.000094	mg/L	721.70	-0.001	3.241
	Tl	205	-0.000347	mg/L	1679.17	-0.001	8.761
	Pb	208	-0.000346	mg/L	3638.99	-0.002	6.221
	Bi	209	-0.000140	mg/L	1441.80	0.000	42.188
	Th	232	0.001330	mg/L	21282.26	0.007	19.237
	U	238	-0.000088	mg/L	265.34	0.000	74.385

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:23:07
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-LCV1.009
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 10

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	202632.40	202632.399	3.017
	Be	9	0.001006	mg/L	232.34	0.001	8.814
	B	11	0.001043	mg/L	4624.23	0.001	159.978
	Na	23	0.096777	mg/L	368717.80	0.421	2.962
	Mg	24	0.000443	mg/L	5701.18	0.003	18.973
	Al	27	-0.000461	mg/L	56463.37	0.003	183.546
	Si	28	-0.010677	mg/L	170685.23	0.141	6.214
	K	39	0.099981	mg/L	2145476.23	1.023	4.440
	Ca	44	0.039278	mg/L	137245.36	0.014	22.770
>	Sc	45		mg/L	746198.17	746198.171	2.880
	Ti	47	0.000761	mg/L	2038.92	0.000	25.226
	V	51	0.002357	mg/L	-31785.07	0.006	361.835
	Cr	52	-0.000077	mg/L	25158.04	0.004	47.640
	Mn	55	0.000765	mg/L	12882.95	0.011	8.250
	Fe	57	-0.002600	mg/L	13792.60	0.000	116.646
	Ni	58	0.000917	mg/L	11994.71	0.010	21.157
	Co	59	0.000858	mg/L	8378.29	0.019	11.256
	Ni	60	0.000778	mg/L	2175.28	0.004	5.907
	Ni	62	0.000849	mg/L	530.02	0.001	11.282
	Cu	63	0.000796	mg/L	5413.00	0.011	4.365
	Cu	65	0.000834	mg/L	2611.74	0.005	4.037
	Zn	66	0.000218	mg/L	7209.26	0.003	25.964
	Zn	68	0.000041	mg/L	5727.20	0.002	87.003
	Ga	69	0.000883	mg/L	11088.54	0.017	9.714
>	Ge	72		mg/L	436192.48	436192.477	2.830
	As	75	0.001225	mg/L	1061.93	0.005	14.072
	Se	77	-0.028919	mg/L	5146.51	-0.003	7.475
	Se	82	0.001196	mg/L	100.41	0.000	11.397
	Sr	88	0.000895	mg/L	18757.88	0.008	7.688
>	Y	89		mg/L	1765611.32	1765611.323	2.174
	Mo	95	0.001173	mg/L	2883.49	0.002	4.499
	Mo	98	0.001215	mg/L	4522.32	0.002	2.894
>	Rh	103		mg/L	1529553.81	1529553.814	4.366
	Ag	107	0.000929	mg/L	6419.67	0.004	0.946
	Ag	109	0.001011	mg/L	6332.27	0.004	5.477
	Cd	111	0.000975	mg/L	1694.84	0.001	14.132
	Cd	114	0.001087	mg/L	4144.12	0.003	11.830
>	In	115		mg/L	1901580.45	1901580.449	3.379
	Sn	118	0.000914	mg/L	5294.27	0.003	6.985
	Sn	120	0.000921	mg/L	7593.72	0.004	4.644
	Sb	121	0.001608	mg/L	11946.97	0.006	2.226
	Sb	123	0.001743	mg/L	9362.33	0.005	8.017
	Ba	135	0.000977	mg/L	1762.86	0.001	13.712

	Ba	137	0.000899	mg/L	3090.87	0.001	16.032
>	Tb	159		mg/L	2589382.94	2589382.944	5.855
>	Ho	165		mg/L	2560840.39	2560840.386	4.631
	Hg	202	-0.002701	mg/L	52.33	-0.000	75.554
	Tl	203	0.000820	mg/L	6369.97	0.002	18.893
	Tl	205	0.000616	mg/L	15264.01	0.004	19.181
	Pb	208	0.000677	mg/L	24178.89	0.006	4.015
	Bi	209	0.000813	mg/L	17285.60	0.007	5.297
	Th	232	0.001491	mg/L	24798.80	0.009	13.090
	U	238	0.000860	mg/L	21848.52	0.009	11.624

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-LCV2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:28:14
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-LCV2.010
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 11

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	201559.36	201559.356	4.630
	Be	9	0.004892	mg/L	1077.41	0.005	4.013
	B	11	0.009198	mg/L	6466.41	0.011	66.713
	Na	23	0.457898	mg/L	1575030.90	1.993	1.722
	Mg	24	0.004288	mg/L	14053.34	0.014	11.228
	Al	27	0.003069	mg/L	68665.36	0.018	63.769
	Si	28	-0.003709	mg/L	185106.95	0.156	18.143
	K	39	0.488686	mg/L	4411307.97	3.945	7.071
	Ca	44	0.430659	mg/L	209512.16	0.105	8.359
>	Sc	45		mg/L	762337.19	762337.187	6.067
	Ti	47	0.004651	mg/L	4017.59	0.003	10.941
	V	51	0.005819	mg/L	-8309.35	0.038	55.330
	Cr	52	0.003740	mg/L	48321.84	0.034	22.619
	Mn	55	0.004724	mg/L	51172.07	0.060	4.710
	Fe	57	-0.000798	mg/L	14536.13	0.001	69.757
	Ni	58	0.004783	mg/L	28818.99	0.050	7.772
	Co	59	0.004697	mg/L	40255.77	0.094	5.337
	Ni	60	0.004619	mg/L	9000.22	0.020	7.790
	Ni	62	0.004834	mg/L	1610.83	0.003	2.163
	Cu	63	0.004814	mg/L	22526.15	0.051	4.290
	Cu	65	0.004738	mg/L	10716.44	0.024	6.845
	Zn	66	0.004011	mg/L	11742.37	0.014	6.098
	Zn	68	0.003723	mg/L	8756.31	0.009	12.978
	Ga	69	0.004765	mg/L	39713.73	0.085	6.242
>	Ge	72		mg/L	426951.60	426951.599	1.246
	As	75	0.004875	mg/L	5938.93	0.016	1.525
	Se	77	-0.018624	mg/L	5780.57	-0.001	58.356
	Se	82	0.004591	mg/L	517.13	0.000	13.271
	Sr	88	0.004748	mg/L	75058.35	0.041	9.918
>	Y	89		mg/L	1751853.94	1751853.937	2.980
	Mo	95	0.005041	mg/L	12360.21	0.007	4.470
	Mo	98	0.005038	mg/L	19882.53	0.011	6.164
>	Rh	103		mg/L	1544679.99	1544679.990	4.651
	Ag	107	0.004874	mg/L	31033.44	0.020	3.751
	Ag	109	0.004970	mg/L	30090.69	0.019	3.292
	Cd	111	0.005132	mg/L	8459.02	0.005	9.456
	Cd	114	0.005010	mg/L	19371.20	0.012	10.674
>	In	115		mg/L	1927952.35	1927952.352	2.721
	Sn	118	0.004824	mg/L	23782.36	0.012	7.703
	Sn	120	0.004903	mg/L	33272.68	0.017	8.573
	Sb	121	0.005550	mg/L	33822.49	0.017	3.877
	Sb	123	0.005542	mg/L	26219.74	0.013	2.477
	Ba	135	0.004816	mg/L	7907.18	0.003	5.307

	Ba	137	0.004595	mg/L	13138.25	0.005	10.552
>	Tb	159		mg/L	2582253.76	2582253.763	5.774
>	Ho	165		mg/L	2550184.06	2550184.064	7.384
	Hg	202	-0.000799	mg/L	57.67	-0.000	147.885
	Tl	203	0.004600	mg/L	29611.15	0.011	11.716
	Tl	205	0.004513	mg/L	69743.15	0.025	14.650
	Pb	208	0.004765	mg/L	105598.96	0.038	5.247
	Bi	209	0.004861	mg/L	84095.81	0.033	6.455
	Th	232	0.004751	mg/L	96341.89	0.037	10.848
	U	238	0.004585	mg/L	105817.16	0.042	15.589

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-SCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:33:20
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-SCV1.011
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 14

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	228358.38	228358.380	3.228
	Be	9	0.454199	mg/L	112014.41	0.491	6.175
	B	11	0.443529	mg/L	121903.55	0.514	11.520
	Na	23	4.981742	mg/L	15999409.41	21.694	0.951
	Mg	24	4.935618	mg/L	10230081.82	13.930	5.888
	Al	27	2.424504	mg/L	7501672.56	10.152	9.658
	Si	28	0.546913	mg/L	1052701.56	1.346	4.734
	K	39	5.326413	mg/L	30992162.13	40.311	2.377
	Ca	44	5.380158	mg/L	1050177.34	1.258	4.343
>	Sc	45		mg/L	734888.95	734888.951	2.622
	Ti	47	0.498663	mg/L	241541.10	0.327	7.167
	V	51	0.484730	mg/L	3258177.23	4.494	15.189
	Cr	52	0.517342	mg/L	3004095.31	4.063	7.544
	Mn	55	0.528780	mg/L	4895026.19	6.647	6.489
	Fe	57	2.174523	mg/L	525716.31	0.697	2.077
	Ni	58	0.487035	mg/L	2215324.63	5.035	7.038
	Co	59	0.473481	mg/L	4058581.89	9.261	9.978
	Ni	60	0.484852	mg/L	892228.53	2.033	4.789
	Ni	62	0.504001	mg/L	142392.75	0.324	0.894
	Cu	63	0.483746	mg/L	2135712.22	4.860	5.544
	Cu	65	0.463746	mg/L	997287.34	2.270	2.894
	Zn	66	0.467896	mg/L	600267.55	1.355	5.372
	Zn	68	0.472779	mg/L	419877.15	0.947	10.121
	Ga	69	0.507135	mg/L	3875778.45	8.833	8.068
>	Ge	72		mg/L	438933.92	438933.923	2.554
	As	75	0.498961	mg/L	688843.86	1.571	2.496
	Se	77	0.574412	mg/L	49920.88	0.099	4.327
	Se	82	0.479785	mg/L	58734.37	0.034	6.745
	Sr	88	0.507610	mg/L	7420241.85	4.254	9.004
>	Y	89		mg/L	1747715.09	1747715.086	4.352
	Mo	95	0.507630	mg/L	1243475.96	0.711	2.218
	Mo	98	0.489912	mg/L	1967656.37	1.125	2.409
>	Rh	103		mg/L	1494339.23	1494339.231	5.972
	Ag	107	0.272388	mg/L	1636337.41	1.096	3.143
	Ag	109	0.276716	mg/L	1599218.53	1.073	7.147
	Cd	111	0.520348	mg/L	815267.11	0.548	12.784
	Cd	114	0.511049	mg/L	1911418.23	1.285	11.588
>	In	115		mg/L	1844914.15	1844914.155	0.224
	Sn	118	0.522485	mg/L	2360148.74	1.279	6.570
	Sn	120	0.543543	mg/L	3348602.91	1.815	5.571
	Sb	121	0.603207	mg/L	3183709.47	1.726	4.812
	Sb	123	0.597872	mg/L	2516183.35	1.364	7.270
	Ba	135	0.481976	mg/L	772741.28	0.299	5.877

	Ba	137	0.477341	mg/L	1303103.71	0.505	7.540
>	Tb	159		mg/L	2586381.83	2586381.828	4.991
>	Ho	165		mg/L	2548034.68	2548034.682	3.346
	Hg	202	0.057020	mg/L	240.01	0.000	9.943
	Tl	203	0.501994	mg/L	3098383.31	1.218	10.423
	Tl	205	0.532893	mg/L	7496549.71	2.947	10.720
	Pb	208	0.534698	mg/L	10698034.27	4.195	0.871
	Bi	209	0.547112	mg/L	9057639.64	3.558	5.497
	Th	232	0.514771	mg/L	11328495.83	4.457	12.439
	U	238	0.504844	mg/L	11455359.31	4.507	11.051

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-HCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:38:25
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-HCV1.012
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 15

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	254955.04	254955.043	2.579
	Be	9	0.824405	mg/L	227440.51	0.891	4.744
	B	11	0.802161	mg/L	242338.91	0.929	3.696
	Na	23	9.735668	mg/L	31476722.43	42.398	1.700
	Mg	24	9.715859	mg/L	20320853.67	27.420	8.596
	Al	27	4.888926	mg/L	15214638.15	20.466	8.123
	Si	28	1.068167	mg/L	1896363.99	2.472	2.411
	K	39	10.700790	mg/L	61143931.20	80.711	8.890
	Ca	44	10.309454	mg/L	1908081.62	2.406	7.766
>	Sc	45		mg/L	741263.62	741263.619	3.118
	Ti	47	0.972066	mg/L	474015.67	0.637	5.970
	V	51	0.971398	mg/L	6651364.93	9.022	8.217
	Cr	52	1.048211	mg/L	6118637.64	8.228	2.864
	Mn	55	1.065009	mg/L	9927594.29	13.386	7.768
	Fe	57	4.214831	mg/L	1014476.39	1.350	1.761
	Ni	58	0.946053	mg/L	4268425.46	9.781	11.566
	Co	59	0.937072	mg/L	7981188.93	18.327	12.429
	Ni	60	0.951472	mg/L	1740791.44	3.989	6.747
	Ni	62	0.973018	mg/L	273606.82	0.625	1.144
	Cu	63	0.967626	mg/L	4251699.49	9.718	1.475
	Cu	65	0.885490	mg/L	1892329.12	4.334	5.163
	Zn	66	0.902198	mg/L	1142985.31	2.611	12.148
	Zn	68	0.927585	mg/L	813466.86	1.856	11.342
	Ga	69	1.015212	mg/L	7722552.90	17.682	4.869
>	Ge	72		mg/L	437214.43	437214.428	4.861
	As	75	0.978743	mg/L	1346217.10	3.081	2.911
	Se	77	1.145993	mg/L	91738.86	0.196	5.503
	Se	82	0.921976	mg/L	113949.72	0.065	12.384
	Sr	88	1.041689	mg/L	15410404.60	8.729	6.897
>	Y	89		mg/L	1769812.13	1769812.133	6.469
	Mo	95	1.003437	mg/L	2487989.92	1.406	0.609
	Mo	98	0.991243	mg/L	4018544.47	2.277	6.340
>	Rh	103		mg/L	1510299.42	1510299.423	6.118
	Ag	107	0.292489	mg/L	1773589.65	1.177	5.500
	Ag	109	0.298128	mg/L	1739024.62	1.156	10.490
	Cd	111	1.009881	mg/L	1599273.72	1.064	12.027
	Cd	114	1.021603	mg/L	3867019.39	2.568	7.768
>	In	115		mg/L	1794689.59	1794689.586	4.768
	Sn	118	1.094907	mg/L	4815448.79	2.680	3.721
	Sn	120	1.140468	mg/L	6829824.29	3.807	1.901
	Sb	121	1.269934	mg/L	6497602.64	3.631	9.538
	Sb	123	1.240138	mg/L	5058184.79	2.828	10.957
	Ba	135	0.886421	mg/L	1457073.58	0.550	13.396

	Ba	137	0.938805	mg/L	2623091.35	0.993	16.903
>	Tb	159		mg/L	2665390.79	2665390.789	7.927
>	Ho	165		mg/L	2565081.50	2565081.504	1.993
	Hg	202	0.108986	mg/L	407.01	0.000	5.040
	Tl	203	1.003441	mg/L	6239409.83	2.435	10.313
	Tl	205	1.071150	mg/L	15187699.60	5.923	5.438
	Pb	208	1.062090	mg/L	21381228.44	8.331	0.691
	Bi	209	1.060586	mg/L	17671745.06	6.896	7.800
	Th	232	1.029342	mg/L	22849064.85	8.917	8.882
	U	238	1.000653	mg/L	22900077.89	8.932	4.670

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFA1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:43:30
Sample File: C:\Elandata\Sample_Element_IS.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-IFA1.013
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 4

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	201934.78	201934.777	5.019
	Be	9	0.000039	mg/L	20.67	0.000	92.216
	B	11	0.018888	mg/L	8767.73	0.022	35.925
	Na	23	30.659128	mg/L	95975766.94	133.518	3.939
	Mg	24	12.278031	mg/L	24829504.56	34.651	3.633
	Al	27	12.373359	mg/L	37059020.12	51.790	10.597
	Si	28	-0.063811	mg/L	81501.33	0.026	54.840
	K	39	13.164352	mg/L	72229034.86	99.230	10.898
	Ca	44	34.553208	mg/L	5894203.52	8.055	2.971
>	Sc	45		mg/L	717437.17	717437.171	5.735
	Ti	47	0.263840	mg/L	125510.81	0.173	3.788
	V	51	0.005348	mg/L	-10449.85	0.034	15.700
	Cr	52	-0.001827	mg/L	14301.75	-0.010	25.396
	Mn	55	0.003179	mg/L	34084.54	0.041	19.794
	Fe	57	24.592328	mg/L	5666252.83	7.872	2.597
	Ni	58	0.172416	mg/L	809018.09	1.783	9.777
	Co	59	0.000449	mg/L	5071.80	0.011	0.901
	Ni	60	0.000868	mg/L	2427.35	0.005	9.323
	Ni	62	0.002215	mg/L	945.39	0.002	11.790
	Cu	63	0.000988	mg/L	6441.35	0.012	10.315
	Cu	65	0.000890	mg/L	2812.13	0.005	12.605
	Zn	66	0.000104	mg/L	7285.66	0.002	59.141
	Zn	68	-0.000764	mg/L	5204.21	0.000	130.534
	Ga	69	-0.000300	mg/L	2187.29	-0.004	17.433
>	Ge	72		mg/L	450769.77	450769.767	5.252
	As	75	0.001399	mg/L	1337.39	0.005	6.795
	Se	77	-0.081924	mg/L	1281.77	-0.012	2.951
	Se	82	0.001683	mg/L	162.22	0.000	27.918
	Sr	88	0.000340	mg/L	10728.15	0.004	9.141
>	Y	89		mg/L	1790344.56	1790344.563	5.202
	Mo	95	0.235473	mg/L	589212.43	0.330	7.159
	Mo	98	0.227970	mg/L	933490.96	0.523	11.695
>	Rh	103		mg/L	1547938.67	1547938.674	2.963
	Ag	107	0.000302	mg/L	2589.42	0.002	35.080
	Ag	109	0.000345	mg/L	2415.71	0.002	40.953
	Cd	111	0.000771	mg/L	1387.12	0.001	7.618
	Cd	114	0.000660	mg/L	2539.09	0.001	15.143
>	In	115		mg/L	1860658.96	1860658.962	4.793
	Sn	118	0.000881	mg/L	5015.46	0.003	19.231
	Sn	120	0.000884	mg/L	7172.34	0.004	19.840
	Sb	121	0.007257	mg/L	41561.62	0.022	18.626
	Sb	123	0.007080	mg/L	31716.75	0.017	17.765
	Ba	135	0.000209	mg/L	558.69	0.000	14.092

	Ba	137	0.000090	mg/L	928.30	0.000	5.694
>	Tb	159		mg/L	2692715.23	2692715.232	1.447
>	Ho	165		mg/L	2579900.71	2579900.710	5.780
	Hg	202	0.049926	mg/L	220.67	0.000	8.746
	Tl	203	0.001666	mg/L	11766.45	0.004	32.632
	Tl	205	0.001494	mg/L	27988.12	0.009	32.952
	Pb	208	0.001457	mg/L	40149.44	0.012	11.202
	Bi	209	0.000353	mg/L	9781.89	0.004	21.184
	Th	232	0.002245	mg/L	42109.66	0.015	23.286
	U	238	-0.000015	mg/L	1958.91	0.001	26.183

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-IFB1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:52:22
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-IFB1.014
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 5

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	202090.66	202090.664	5.547
	Be	9	0.000036	mg/L	20.00	0.000	41.539
	B	11	0.001903	mg/L	4808.65	0.002	77.873
	Na	23	28.700921	mg/L	93479234.00	124.990	1.933
	Mg	24	11.365594	mg/L	23964377.14	32.076	1.696
	Al	27	10.952500	mg/L	34205547.97	45.843	7.240
	Si	28	-0.070346	mg/L	74379.00	0.012	91.870
	K	39	11.966069	mg/L	68397114.53	90.222	14.490
	Ca	44	32.891391	mg/L	5845345.83	7.667	4.007
>	Sc	45		mg/L	746906.01	746906.006	5.770
	Ti	47	0.259012	mg/L	128555.11	0.170	2.924
	V	51	0.222530	mg/L	1495274.59	2.055	6.356
	Cr	52	0.223813	mg/L	1331318.95	1.761	11.614
	Mn	55	0.237402	mg/L	2231601.70	2.985	3.238
	Fe	57	24.664911	mg/L	5913783.67	7.895	1.950
	Ni	58	0.387080	mg/L	1727459.78	4.002	12.221
	Co	59	0.213382	mg/L	1798501.63	4.175	6.540
	Ni	60	0.218570	mg/L	396062.39	0.917	2.307
	Ni	62	0.216758	mg/L	60399.73	0.139	1.772
	Cu	63	0.212316	mg/L	920153.72	2.134	6.352
	Cu	65	0.215041	mg/L	453129.99	1.053	11.666
	Zn	66	0.110424	mg/L	144046.63	0.321	13.383
	Zn	68	0.107175	mg/L	97926.35	0.216	6.774
	Ga	69	-0.000405	mg/L	1306.77	-0.005	3.439
>	Ge	72		mg/L	431853.88	431853.875	6.043
	As	75	0.113310	mg/L	153028.08	0.357	5.416
	Se	77	0.053216	mg/L	11032.15	0.011	26.121
	Se	82	0.115768	mg/L	13600.32	0.008	13.443
	Sr	88	0.000299	mg/L	9502.73	0.003	7.569
>	Y	89		mg/L	1689390.62	1689390.620	7.367
	Mo	95	0.236884	mg/L	559268.12	0.332	4.930
	Mo	98	0.239561	mg/L	922981.94	0.550	13.683
>	Rh	103		mg/L	1492912.91	1492912.911	2.690
	Ag	107	0.044852	mg/L	269632.30	0.181	8.855
	Ag	109	0.044700	mg/L	258604.17	0.174	11.502
	Cd	111	0.118010	mg/L	185604.65	0.124	4.662
	Cd	114	0.118495	mg/L	444749.36	0.298	3.223
>	In	115		mg/L	1903529.07	1903529.068	6.535
	Sn	118	0.000110	mg/L	1547.15	0.001	14.142
	Sn	120	0.000068	mg/L	2167.34	0.001	22.948
	Sb	121	0.000640	mg/L	6645.53	0.003	21.370
	Sb	123	0.000803	mg/L	5274.57	0.003	15.819
	Ba	135	0.000208	mg/L	550.02	0.000	20.598

	Ba	137	0.000088	mg/L	911.66	0.000	12.105
>	Tb	159		mg/L	2664190.34	2664190.343	3.924
>	Ho	165		mg/L	2623975.39	2623975.394	5.724
	Hg	202	0.025605	mg/L	146.34	0.000	26.411
	Tl	203	0.000321	mg/L	3367.32	0.000	16.854
	Tl	205	0.000088	mg/L	7986.26	0.001	43.160
	Pb	208	0.000621	mg/L	23563.30	0.005	12.517
	Bi	209	-0.000087	mg/L	2382.67	0.001	7.771
	Th	232	0.000957	mg/L	13305.22	0.004	12.185
	U	238	-0.000082	mg/L	403.68	0.000	18.093

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-ICV2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 10:57:28
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-ICV2.015
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	205717.84	205717.843	4.661
	Be	9	0.039371	mg/L	8752.64	0.043	7.060
	B	11	0.036153	mg/L	13017.48	0.042	17.499
	Na	23	0.368556	mg/L	1202371.23	1.604	3.243
	Mg	24	0.390675	mg/L	792313.56	1.104	5.577
	Al	27	0.193521	mg/L	631898.73	0.815	15.581
	Si	28	-0.035934	mg/L	124327.51	0.086	20.899
	K	39	0.417388	mg/L	3760414.79	3.409	7.791
	Ca	44	0.348883	mg/L	183221.07	0.086	7.766
>	Sc	45		mg/L	716155.08	716155.075	6.219
	Ti	47	0.040030	mg/L	20345.96	0.026	6.461
	V	51	0.040320	mg/L	220539.83	0.359	19.658
	Cr	52	0.040411	mg/L	249902.67	0.322	18.544
	Mn	55	0.042305	mg/L	386342.68	0.533	1.486
	Fe	57	0.179500	mg/L	55011.81	0.059	2.075
	Ni	58	0.040349	mg/L	179549.27	0.418	2.799
	Co	59	0.038748	mg/L	313604.88	0.760	8.138
	Ni	60	0.040517	mg/L	70779.39	0.171	8.527
	Ni	62	0.041753	mg/L	11338.51	0.027	2.582
	Cu	63	0.041418	mg/L	173413.00	0.418	7.784
	Cu	65	0.039940	mg/L	81416.70	0.196	6.613
	Zn	66	0.037975	mg/L	51870.08	0.112	0.197
	Zn	68	0.037898	mg/L	36648.03	0.077	8.965
	Ga	69	0.040197	mg/L	292952.84	0.702	6.441
>	Ge	72		mg/L	412614.00	412613.996	1.051
	As	75	0.041673	mg/L	53521.49	0.132	1.916
	Se	77	0.016171	mg/L	8009.62	0.005	24.313
	Se	82	0.039888	mg/L	4629.77	0.003	5.754
	Sr	88	0.040197	mg/L	567504.33	0.338	5.520
>	Y	89		mg/L	1669519.93	1669519.932	1.373
	Mo	95	0.043698	mg/L	102159.87	0.061	7.077
	Mo	98	0.043075	mg/L	164753.90	0.099	6.445
>	Rh	103		mg/L	1462524.35	1462524.346	8.487
	Ag	107	0.022169	mg/L	130967.21	0.090	2.427
	Ag	109	0.022916	mg/L	129772.55	0.089	7.237
	Cd	111	0.042391	mg/L	64947.32	0.045	13.519
	Cd	114	0.042020	mg/L	153251.61	0.105	14.200
>	In	115		mg/L	1861402.84	1861402.840	3.208
	Sn	118	0.041512	mg/L	190011.11	0.102	5.923
	Sn	120	0.041680	mg/L	260409.83	0.140	7.329
	Sb	121	0.042899	mg/L	231029.56	0.124	7.205
	Sb	123	0.041874	mg/L	179290.05	0.096	6.506
	Ba	135	0.038266	mg/L	61331.03	0.024	3.964

	Ba	137	0.038155	mg/L	104328.21	0.040	7.620
>	Tb	159		mg/L	2573417.83	2573417.825	2.688
>	Ho	165		mg/L	2502980.01	2502980.012	5.244
	Hg	202	0.009296	mg/L	88.33	0.000	14.139
	Tl	203	0.039671	mg/L	241395.79	0.096	10.485
	Tl	205	0.041262	mg/L	575115.31	0.229	12.118
	Pb	208	0.041388	mg/L	822380.19	0.325	1.789
	Bi	209	0.042542	mg/L	694874.12	0.278	4.578
	Th	232	0.039029	mg/L	835767.03	0.334	9.958
	U	238	0.038628	mg/L	861257.77	0.346	13.045

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 11:02:33
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\RINSE.016
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	199578.06	199578.057	1.003
	Be	9	0.000010	mg/L	14.33	0.000	16363.303
	B	11	-0.001838	mg/L	3895.54	-0.002	62.239
	Na	23	0.001331	mg/L	56538.84	0.005	32.758
	Mg	24	-0.000660	mg/L	3253.29	0.000	419.965
	Al	27	-0.001309	mg/L	51851.61	-0.000	1400.828
	Si	28	-0.071858	mg/L	69544.15	0.009	152.660
	K	39	-0.021249	mg/L	1411238.88	0.112	46.498
	Ca	44	-0.104510	mg/L	108078.36	-0.020	33.272
>	Sc	45		mg/L	718542.62	718542.616	1.707
	Ti	47	-0.001036	mg/L	1116.75	-0.001	21.022
	V	51	0.005914	mg/L	-6603.33	0.039	9.220
	Cr	52	-0.002307	mg/L	11675.28	-0.013	5.596
	Mn	55	0.001171	mg/L	15980.38	0.016	71.496
	Fe	57	-0.000745	mg/L	13707.80	0.001	43.208
	Ni	58	0.000045	mg/L	7721.69	0.001	246.043
	Co	59	-0.000038	mg/L	722.04	0.001	14.729
	Ni	60	-0.000191	mg/L	387.35	0.000	37.962
	Ni	62	-0.000212	mg/L	222.34	-0.000	345.628
	Cu	63	-0.000240	mg/L	834.71	0.000	107.550
	Cu	65	-0.000166	mg/L	459.35	0.000	95.458
	Zn	66	-0.000632	mg/L	5868.29	0.000	500.763
	Zn	68	-0.001208	mg/L	4436.80	-0.001	207.663
	Ga	69	-0.000384	mg/L	1413.12	-0.005	10.252
>	Ge	72		mg/L	419386.91	419386.909	7.970
	As	75	0.000715	mg/L	344.58	0.003	5.173
	Se	77	-0.088358	mg/L	735.37	-0.013	2.134
	Se	82	0.000307	mg/L	-8.60	0.000	32.404
	Sr	88	-0.000108	mg/L	3734.80	0.000	419.255
>	Y	89		mg/L	1682525.24	1682525.237	6.062
	Mo	95	0.000777	mg/L	1819.20	0.001	11.867
	Mo	98	0.000883	mg/L	3032.65	0.002	7.568
>	Rh	103		mg/L	1570794.86	1570794.855	6.443
	Ag	107	-0.000034	mg/L	507.35	0.000	15.814
	Ag	109	0.000014	mg/L	440.68	0.000	13.512
	Cd	111	-0.000027	mg/L	88.33	0.000	232.940
	Cd	114	0.000063	mg/L	226.99	-0.000	280.995
>	In	115		mg/L	1842249.09	1842249.094	3.416
	Sn	118	0.000043	mg/L	1199.43	0.000	17.853
	Sn	120	-0.000024	mg/L	1544.92	0.001	12.881
	Sb	121	0.001685	mg/L	11948.04	0.006	14.876
	Sb	123	0.001797	mg/L	9277.62	0.005	17.548
	Ba	135	0.000029	mg/L	242.01	-0.000	71.253

	Ba	137	-0.000086	mg/L	399.99	0.000	374.378
>	Tb	159		mg/L	2535362.86	2535362.863	5.129
>	Ho	165		mg/L	2490425.48	2490425.480	3.318
	Hg	202	-0.004162	mg/L	46.33	-0.000	46.516
	Tl	203	0.000129	mg/L	2038.92	-0.000	118.117
	Tl	205	-0.000111	mg/L	4876.69	-0.000	55.974
	Pb	208	0.000524	mg/L	20472.62	0.005	63.155
	Bi	209	-0.000153	mg/L	1182.76	0.000	18.026
	Th	232	0.000799	mg/L	9233.16	0.003	18.630
	U	238	-0.000087	mg/L	274.01	0.000	27.349

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 11:07:37
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-CCV1.017
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	212005.32	212005.323	3.836
	Be	9	0.038077	mg/L	8744.63	0.041	2.054
	B	11	0.032820	mg/L	12642.59	0.038	5.343
	Na	23	0.373580	mg/L	1162571.81	1.626	2.425
	Mg	24	0.398393	mg/L	773560.44	1.126	3.641
	Al	27	0.196779	mg/L	615640.69	0.829	3.330
	Si	28	-0.032893	mg/L	123432.12	0.093	15.852
	K	39	0.442297	mg/L	3716942.42	3.596	13.639
	Ca	44	0.372496	mg/L	178687.15	0.091	10.218
>	Sc	45		mg/L	683581.12	683581.123	3.541
	Ti	47	0.040483	mg/L	19681.55	0.027	4.303
	V	51	0.042619	mg/L	227330.57	0.381	5.976
	Cr	52	0.042826	mg/L	252463.38	0.341	12.659
	Mn	55	0.043422	mg/L	377949.59	0.547	4.291
	Fe	57	0.178203	mg/L	52208.91	0.058	1.663
	Ni	58	0.038185	mg/L	174951.48	0.395	18.196
	Co	59	0.038548	mg/L	322059.39	0.756	8.905
	Ni	60	0.039694	mg/L	71940.53	0.167	0.373
	Ni	62	0.039993	mg/L	11271.79	0.026	1.574
	Cu	63	0.038723	mg/L	167800.07	0.391	5.856
	Cu	65	0.038066	mg/L	79818.89	0.187	16.164
	Zn	66	0.035730	mg/L	50548.55	0.105	18.899
	Zn	68	0.037419	mg/L	37431.96	0.076	9.738
	Ga	69	0.039855	mg/L	300952.85	0.696	3.506
>	Ge	72		mg/L	427939.05	427939.046	8.368
	As	75	0.039616	mg/L	52612.77	0.126	4.237
	Se	77	0.013309	mg/L	8050.64	0.004	45.744
	Se	82	0.036742	mg/L	4386.28	0.003	17.335
	Sr	88	0.040933	mg/L	598802.34	0.344	3.773
>	Y	89		mg/L	1733424.33	1733424.325	7.817
	Mo	95	0.040273	mg/L	97482.34	0.056	5.750
	Mo	98	0.038986	mg/L	153707.98	0.089	14.233
>	Rh	103		mg/L	1488717.68	1488717.679	2.146
	Ag	107	0.022527	mg/L	135441.55	0.091	7.570
	Ag	109	0.022549	mg/L	130338.31	0.088	9.370
	Cd	111	0.039922	mg/L	62708.23	0.042	4.298
	Cd	114	0.039008	mg/L	145995.97	0.098	2.369
>	In	115		mg/L	1759237.47	1759237.475	6.973
	Sn	118	0.043382	mg/L	187423.22	0.107	3.552
	Sn	120	0.045750	mg/L	268852.69	0.153	11.017
	Sb	121	0.046400	mg/L	234847.13	0.134	14.215
	Sb	123	0.044129	mg/L	177978.54	0.101	9.138
	Ba	135	0.038083	mg/L	60563.47	0.024	11.706

	Ba	137	0.039160	mg/L	106433.59	0.042	6.086
>	Tb	159		mg/L	2557375.13	2557375.127	2.324
>	Ho	165		mg/L	2469907.53	2469907.529	5.872
	Hg	202	0.005638	mg/L	75.33	0.000	130.045
	Tl	203	0.040067	mg/L	241164.58	0.097	4.949
	Tl	205	0.042456	mg/L	583970.38	0.235	9.602
	Pb	208	0.041983	mg/L	821186.58	0.330	7.650
	Bi	209	0.041256	mg/L	666155.92	0.270	0.712
	Th	232	0.039557	mg/L	838155.19	0.339	2.973
	U	238	0.039602	mg/L	872477.79	0.354	7.977

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 11:12:42
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-CCB1.018
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	204896.21	204896.215	1.925
	Be	9	0.000010	mg/L	14.67	0.000	6830.990
	B	11	-0.003133	mg/L	3694.45	-0.004	8.200
	Na	23	0.000411	mg/L	51722.27	0.001	41.350
	Mg	24	-0.000763	mg/L	2936.84	-0.000	211.996
	Al	27	-0.002147	mg/L	47564.64	-0.004	127.625
	Si	28	-0.078023	mg/L	57753.12	-0.004	33.149
	K	39	-0.011388	mg/L	1411479.03	0.186	12.367
	Ca	44	-0.065528	mg/L	110475.67	-0.011	18.124
>	Sc	45		mg/L	692409.67	692409.674	1.450
	Ti	47	-0.000437	mg/L	1348.78	-0.000	26.630
	V	51	0.001813	mg/L	-32844.33	0.001	2428.907
	Cr	52	-0.000514	mg/L	20990.10	0.001	200.818
	Mn	55	-0.000292	mg/L	2756.45	-0.003	16.183
	Fe	57	0.005048	mg/L	14496.70	0.003	9.794
	Ni	58	-0.000127	mg/L	7049.81	-0.001	140.490
	Co	59	-0.000088	mg/L	318.01	0.000	68.562
	Ni	60	-0.000280	mg/L	233.01	-0.000	43.217
	Ni	62	-0.000293	mg/L	202.67	-0.000	58.648
	Cu	63	-0.000248	mg/L	807.71	0.000	148.900
	Cu	65	-0.000171	mg/L	451.02	0.000	996.631
	Zn	66	-0.001061	mg/L	5405.33	-0.001	130.468
	Zn	68	-0.001502	mg/L	4240.03	-0.001	70.911
	Ga	69	-0.000210	mg/L	2703.10	-0.002	20.805
>	Ge	72		mg/L	421952.03	421952.034	4.040
	As	75	0.000591	mg/L	198.32	0.003	56.653
	Se	77	-0.024452	mg/L	5290.59	-0.002	25.396
	Se	82	0.000479	mg/L	11.32	0.000	20.897
	Sr	88	-0.000112	mg/L	3672.45	-0.000	18680.007
>	Y	89		mg/L	1679358.92	1679358.922	3.012
	Mo	95	0.000611	mg/L	1417.13	0.001	12.155
	Mo	98	0.000703	mg/L	2320.32	0.001	15.748
>	Rh	103		mg/L	1474502.75	1474502.751	5.184
	Ag	107	-0.000017	mg/L	579.03	0.000	49.026
	Ag	109	0.000035	mg/L	531.02	0.000	53.616
	Cd	111	-0.000028	mg/L	81.67	0.000	161.132
	Cd	114	0.000065	mg/L	220.44	-0.000	1570.432
>	In	115		mg/L	1787174.09	1787174.087	4.381
	Sn	118	0.000027	mg/L	1097.08	0.000	19.993
	Sn	120	-0.000018	mg/L	1534.87	0.001	14.001
	Sb	121	0.002255	mg/L	14541.21	0.008	11.155
	Sb	123	0.002346	mg/L	11267.83	0.006	13.453
	Ba	135	0.000031	mg/L	248.01	-0.000	351.823

	Ba	137	-0.000098	mg/L	373.41	-0.000	192.733
>	Tb	159		mg/L	2581963.86	2581963.859	7.713
>	Ho	165		mg/L	2520669.18	2520669.179	5.303
	Hg	202	-0.001272	mg/L	56.00	-0.000	13.271
	Tl	203	-0.000054	mg/L	945.06	-0.001	11.319
	Tl	205	-0.000304	mg/L	2245.64	-0.001	12.388
	Pb	208	-0.000351	mg/L	3477.96	-0.002	2.717
	Bi	209	-0.000120	mg/L	1748.86	0.001	27.440
	Th	232	0.000995	mg/L	13621.90	0.005	23.852
	U	238	-0.000087	mg/L	289.67	0.000	25.694

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV8
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 18:15:24
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-CCV8.091
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	174298.31	174298.310	3.790
	Be	9	0.038463	mg/L	7266.65	0.042	3.988
	B	11	0.051539	mg/L	14173.86	0.060	0.531
	Na	23	0.441473	mg/L	1074153.48	1.922	0.545
	Mg	24	0.461611	mg/L	704923.13	1.305	3.321
	Al	27	0.221880	mg/L	541842.15	0.934	3.113
	Si	28	-0.025469	mg/L	105927.31	0.109	11.003
	K	39	0.513779	mg/L	3219101.26	4.134	10.441
	Ca	44	0.698280	mg/L	181601.80	0.167	5.734
>	Sc	45		mg/L	538257.96	538257.956	1.995
	Ti	47	0.039103	mg/L	15003.20	0.026	2.889
	V	51	0.039453	mg/L	163224.83	0.351	10.927
	Cr	52	0.039690	mg/L	185959.14	0.316	6.163
	Mn	55	0.040281	mg/L	276375.12	0.507	6.925
	Fe	57	0.184722	mg/L	42221.94	0.060	0.540
	Ni	58	0.041305	mg/L	135395.82	0.427	13.676
	Co	59	0.040226	mg/L	240484.02	0.788	9.210
	Ni	60	0.040546	mg/L	52456.63	0.171	4.167
	Ni	62	0.039905	mg/L	8047.65	0.026	2.307
	Cu	63	0.040504	mg/L	125630.93	0.409	2.113
	Cu	65	0.040575	mg/L	61099.34	0.199	8.536
	Zn	66	0.041057	mg/L	40956.14	0.121	14.634
	Zn	68	0.042079	mg/L	29568.15	0.086	14.962
	Ga	69	0.041268	mg/L	222474.68	0.720	5.130
>	Ge	72		mg/L	305869.53	305869.533	6.166
	As	75	0.040092	mg/L	38108.71	0.127	2.799
	Se	77	0.060989	mg/L	8233.48	0.012	11.318
	Se	82	0.040377	mg/L	3348.42	0.003	12.376
	Sr	88	0.041067	mg/L	415069.76	0.345	5.761
>	Y	89		mg/L	1198252.51	1198252.511	6.278
	Mo	95	0.039633	mg/L	66468.14	0.055	2.182
	Mo	98	0.040035	mg/L	109604.02	0.092	6.839
>	Rh	103		mg/L	1082826.76	1082826.756	4.791
	Ag	107	0.021698	mg/L	94834.04	0.088	5.604
	Ag	109	0.021500	mg/L	90191.24	0.084	11.876
	Cd	111	0.040314	mg/L	45918.84	0.043	11.808
	Cd	114	0.040789	mg/L	110806.50	0.102	6.045
>	In	115		mg/L	1365287.48	1365287.483	4.371
	Sn	118	0.041488	mg/L	139470.63	0.102	3.769
	Sn	120	0.042242	mg/L	193397.11	0.142	6.260
	Sb	121	0.042128	mg/L	166179.51	0.122	11.605
	Sb	123	0.041283	mg/L	129425.41	0.095	11.261
	Ba	135	0.044303	mg/L	47211.07	0.027	11.339

	Ba	137	0.043869	mg/L	79834.72	0.046	10.585
>	Tb	159		mg/L	1718230.62	1718230.624	5.281
>	Ho	165		mg/L	1740324.97	1740324.968	0.404
	Hg	202	0.010044	mg/L	63.00	0.000	39.483
	Tl	203	0.043922	mg/L	186412.93	0.106	4.213
	Tl	205	0.044553	mg/L	433174.07	0.247	1.273
	Pb	208	0.043329	mg/L	598569.25	0.340	5.616
	Bi	209	0.045064	mg/L	512474.54	0.294	4.474
	Th	232	0.039907	mg/L	596449.33	0.342	6.298
	U	238	0.038627	mg/L	601528.63	0.346	1.733

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB8
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 18:20:28
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-CCB8.092
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	176483.69	176483.693	1.791
	Be	9	0.000003	mg/L	11.33	-0.000	341.014
	B	11	0.011802	mg/L	6232.53	0.014	9.775
	Na	23	0.005650	mg/L	52597.15	0.024	22.851
	Mg	24	-0.000513	mg/L	2668.09	0.001	62.539
	Al	27	-0.000153	mg/L	41549.92	0.004	97.189
	Si	28	-0.070759	mg/L	53448.31	0.011	44.792
	K	39	0.061589	mg/L	1395878.45	0.735	2.795
	Ca	44	0.269467	mg/L	128178.21	0.067	11.289
>	Sc	45		mg/L	539593.36	539593.356	1.795
	Ti	47	0.000504	mg/L	1384.12	0.000	20.492
	V	51	0.000603	mg/L	-31746.69	-0.010	200.916
	Cr	52	-0.000039	mg/L	18365.39	0.004	25.227
	Mn	55	-0.000316	mg/L	1979.24	-0.003	5.808
	Fe	57	0.006927	mg/L	11619.54	0.003	9.288
	Ni	58	0.000571	mg/L	7414.10	0.006	18.414
	Co	59	-0.000075	mg/L	312.68	0.000	18.618
	Ni	60	-0.000234	mg/L	232.01	0.000	163.439
	Ni	62	-0.000108	mg/L	185.67	0.000	91.396
	Cu	63	-0.000265	mg/L	539.69	-0.000	54.854
	Cu	65	-0.000146	mg/L	369.01	0.000	82.710
	Zn	66	-0.000709	mg/L	4288.72	0.000	772.981
	Zn	68	-0.000688	mg/L	3619.43	0.000	356.387
	Ga	69	-0.000101	mg/L	2572.72	-0.000	188.069
>	Ge	72		mg/L	309554.84	309554.836	1.436
	As	75	-0.000013	mg/L	-456.28	0.001	137.613
	Se	77	0.012024	mg/L	5791.90	0.004	9.317
	Se	82	0.000257	mg/L	-10.47	0.000	38.076
	Sr	88	-0.000110	mg/L	2648.08	0.000	697.914
>	Y	89		mg/L	1199381.57	1199381.570	4.291
	Mo	95	0.000329	mg/L	542.02	0.000	21.499
	Mo	98	0.000408	mg/L	853.27	0.001	15.864
>	Rh	103		mg/L	1108681.27	1108681.267	5.557
	Ag	107	-0.000047	mg/L	301.34	0.000	65.227
	Ag	109	0.000004	mg/L	267.34	0.000	69.382
	Cd	111	-0.000031	mg/L	57.67	0.000	3880.720
	Cd	114	0.000052	mg/L	127.01	-0.000	47.185
>	In	115		mg/L	1345948.29	1345948.294	4.197
	Sn	118	-0.000030	mg/L	635.70	0.000	14.411
	Sn	120	-0.000076	mg/L	895.46	0.000	12.062
	Sb	121	0.001586	mg/L	8347.99	0.006	19.695
	Sb	123	0.001703	mg/L	6490.16	0.005	20.631
	Ba	135	0.000037	mg/L	173.34	-0.000	1639.267

	Ba	137	-0.000075	mg/L	294.27	0.000	153.213
>	Tb	159		mg/L	1736921.90	1736921.902	6.194
>	Ho	165		mg/L	1724909.25	1724909.247	4.173
	Hg	202	0.004667	mg/L	51.00	0.000	136.747
	Tl	203	-0.000111	mg/L	408.68	-0.001	2.225
	Tl	205	-0.000366	mg/L	950.06	-0.002	2.335
	Pb	208	-0.000374	mg/L	2069.11	-0.002	3.214
	Bi	209	-0.000147	mg/L	892.05	0.000	40.746
	Th	232	0.001070	mg/L	10443.89	0.005	22.479
	U	238	-0.000088	mg/L	172.67	0.000	30.499

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-BLK1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 18:25:33
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\1115077-BLK1.093
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 91

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	171970.18	171970.178	3.316
	Be	9	0.000026	mg/L	15.33	0.000	58.599
	B	11	0.012331	mg/L	6166.82	0.014	22.035
	Na	23	0.008860	mg/L	60027.38	0.038	6.635
	Mg	24	0.002381	mg/L	7048.14	0.009	6.419
	Al	27	0.002594	mg/L	47496.48	0.016	56.240
	Si	28	-0.068024	mg/L	56363.55	0.017	50.459
	K	39	0.064892	mg/L	1403512.24	0.759	14.755
	Ca	44	0.254334	mg/L	125727.15	0.064	21.432
>	Sc	45		mg/L	538078.77	538078.768	4.809
	Ti	47	0.000285	mg/L	1300.11	0.000	121.964
	V	51	0.001701	mg/L	-26173.98	0.000	8424.131
	Cr	52	-0.000583	mg/L	15975.20	0.000	1796.228
	Mn	55	0.000077	mg/L	4634.90	0.002	29.501
	Fe	57	0.011016	mg/L	12285.09	0.005	10.319
	Ni	58	0.000938	mg/L	8595.15	0.010	6.109
	Co	59	-0.000061	mg/L	397.68	0.001	7.450
	Ni	60	0.000177	mg/L	764.71	0.002	1.566
	Ni	62	0.000233	mg/L	253.34	0.000	8.430
	Cu	63	-0.000141	mg/L	925.72	0.001	25.905
	Cu	65	-0.000064	mg/L	493.02	0.001	13.833
	Zn	66	0.003559	mg/L	8114.37	0.012	1.859
	Zn	68	0.003441	mg/L	6183.17	0.009	13.973
	Ga	69	-0.000177	mg/L	2165.61	-0.001	26.353
>	Ge	72		mg/L	309702.60	309702.602	1.279
	As	75	0.000105	mg/L	-339.92	0.001	43.705
	Se	77	-0.024842	mg/L	3865.53	-0.002	22.114
	Se	82	0.000179	mg/L	-17.78	0.000	37.997
	Sr	88	-0.000093	mg/L	2867.15	0.000	79.507
>	Y	89		mg/L	1218252.24	1218252.239	1.346
	Mo	95	0.000187	mg/L	306.01	0.000	7.783
	Mo	98	0.000258	mg/L	443.68	0.000	15.152
>	Rh	103		mg/L	1082927.77	1082927.771	5.445
	Ag	107	-0.000083	mg/L	139.67	0.000	21.221
	Ag	109	-0.000032	mg/L	111.00	0.000	33.954
	Cd	111	-0.000028	mg/L	59.67	0.000	73.165
	Cd	114	0.000006	mg/L	-8.01	-0.000	159.804
>	In	115		mg/L	1348165.71	1348165.706	1.850
	Sn	118	0.001669	mg/L	6202.14	0.004	160.889
	Sn	120	-0.000055	mg/L	990.50	0.000	17.592
	Sb	121	0.000048	mg/L	2462.69	0.002	8.899
	Sb	123	0.000224	mg/L	1980.26	0.001	5.672
	Ba	135	0.000079	mg/L	227.01	0.000	34.083

	Ba	137	-0.000020	mg/L	410.48	0.000	12.100
>	Tb	159		mg/L	1795671.17	1795671.167	4.312
>	Ho	165		mg/L	1764297.00	1764296.995	6.361
	Hg	202	0.004755	mg/L	52.00	0.000	113.848
	Tl	203	-0.000119	mg/L	385.01	-0.001	5.252
	Tl	205	-0.000374	mg/L	884.72	-0.002	6.167
	Pb	208	-0.000192	mg/L	4624.85	-0.001	19.970
	Bi	209	-0.000198	mg/L	329.68	0.000	47.584
	Th	232	0.000580	mg/L	3199.60	0.001	26.407
	U	238	-0.000091	mg/L	134.67	0.000	54.272

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-BS1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 18:30:41
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\1115077-BS1.094
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 92

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	181452.66	181452.658	5.235
	Be	9	0.190422	mg/L	37404.81	0.206	2.530
	B	11	0.198521	mg/L	45593.91	0.230	2.718
	Na	23	2.383431	mg/L	5515473.30	10.379	0.640
	Mg	24	2.413941	mg/L	3600101.15	6.814	4.066
	Al	27	1.153736	mg/L	2587847.39	4.834	3.291
	Si	28	0.180463	mg/L	338056.04	0.554	8.777
	K	39	2.361351	mg/L	10462524.04	18.022	10.953
	Ca	44	2.578858	mg/L	408704.95	0.605	7.546
>	Sc	45		mg/L	527643.83	527643.834	3.544
	Ti	47	0.214349	mg/L	75355.90	0.140	3.042
	V	51	0.209732	mg/L	996394.29	1.936	4.920
	Cr	52	0.218091	mg/L	919213.08	1.716	8.035
	Mn	55	0.214251	mg/L	1422678.83	2.694	7.110
	Fe	57	0.961938	mg/L	172614.10	0.309	1.220
	Ni	58	0.214348	mg/L	670807.65	2.216	10.494
	Co	59	0.205196	mg/L	1206278.41	4.015	8.882
	Ni	60	0.212802	mg/L	268974.53	0.893	3.411
	Ni	62	0.209724	mg/L	40777.11	0.135	0.760
	Cu	63	0.204642	mg/L	620350.68	2.057	1.178
	Cu	65	0.210231	mg/L	309739.14	1.030	7.958
	Zn	66	0.224753	mg/L	199892.05	0.652	10.889
	Zn	68	0.224393	mg/L	138680.60	0.450	9.335
	Ga	69	0.215784	mg/L	1133838.42	3.760	3.944
>	Ge	72		mg/L	301275.81	301275.810	4.822
	As	75	0.213539	mg/L	201816.03	0.673	3.615
	Se	77	0.274809	mg/L	18963.62	0.049	8.509
	Se	82	0.210457	mg/L	17545.37	0.015	13.763
	Sr	88	0.227352	mg/L	2278213.64	1.906	4.655
>	Y	89		mg/L	1195941.66	1195941.660	6.324
	Mo	95	0.215854	mg/L	361363.23	0.302	2.593
	Mo	98	0.215126	mg/L	588876.62	0.494	7.467
>	Rh	103		mg/L	1089835.46	1089835.457	4.266
	Ag	107	0.113879	mg/L	498875.80	0.458	5.916
	Ag	109	0.111558	mg/L	470249.46	0.433	10.764
	Cd	111	0.210014	mg/L	240610.39	0.221	9.307
	Cd	114	0.212193	mg/L	580960.01	0.533	2.343
>	In	115		mg/L	1362406.84	1362406.841	6.434
	Sn	118	0.219349	mg/L	731750.39	0.537	1.564
	Sn	120	0.221847	mg/L	1006904.73	0.741	8.066
	Sb	121	0.253462	mg/L	984631.05	0.726	11.239
	Sb	123	0.253130	mg/L	783748.59	0.578	11.267
	Ba	135	0.234606	mg/L	251495.80	0.146	10.281

	Ba	137	0.236932	mg/L	432788.06	0.251	10.023
>	Tb	159		mg/L	1731636.01	1731636.009	5.150
>	Ho	165		mg/L	1738692.00	1738692.002	1.168
	Hg	202	0.032501	mg/L	111.34	0.000	11.887
	Tl	203	0.229516	mg/L	969588.86	0.557	3.808
	Tl	205	0.258392	mg/L	2488199.80	1.429	1.528
	Pb	208	0.226503	mg/L	3095322.97	1.777	4.100
	Bi	209	0.256978	mg/L	2908307.02	1.672	6.000
	Th	232	0.237437	mg/L	3573684.38	2.054	6.341
	U	238	0.232527	mg/L	3609548.96	2.076	1.627

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-01RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 18:35:48
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-01RE2.095
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 93

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	165386.68	165386.685	6.565
	Be	9	0.000106	mg/L	29.33	0.000	37.781
	B	11	0.562766	mg/L	110821.25	0.652	10.717
	Na	23	S	mg/L	S	S	S
	Mg	24	51.005367	mg/L	77264697.12	143.941	3.502
	Al	27	0.396704	mg/L	929051.31	1.665	12.486
	Si	28	9.956340	mg/L	11621684.33	21.673	14.267
	K	39	S	mg/L	S	S	S
	Ca	44	92.144952	mg/L	11625748.20	21.472	2.050
>	Sc	45		mg/L	537631.34	537631.342	7.155
	Ti	47	0.012300	mg/L	5521.73	0.008	6.852
	V	51	0.010175	mg/L	16164.45	0.079	11.820
	Cr	52	0.005016	mg/L	39405.73	0.044	20.020
	Mn	55	0.471100	mg/L	3180085.32	5.922	4.847
	Fe	57	6.379370	mg/L	1108080.50	2.043	3.902
	Ni	58	0.082742	mg/L	261457.39	0.856	9.488
	Co	59	0.001251	mg/L	8078.67	0.026	3.002
	Ni	60	0.034704	mg/L	44202.71	0.146	3.194
	Ni	62	0.039613	mg/L	7838.13	0.026	2.848
	Cu	63	0.007204	mg/L	22990.28	0.075	5.666
	Cu	65	0.007037	mg/L	10875.62	0.035	9.197
	Zn	66	0.174225	mg/L	155624.48	0.506	6.644
	Zn	68	0.173127	mg/L	107681.57	0.348	2.846
	Ga	69	0.001207	mg/L	9329.55	0.023	3.116
>	Ge	72		mg/L	300018.95	300018.946	4.272
	As	75	0.005778	mg/L	5025.09	0.019	1.007
	Se	77	0.025982	mg/L	6306.59	0.007	25.080
	Se	82	0.010158	mg/L	792.45	0.001	14.753
	Sr	88	0.349743	mg/L	3405712.45	2.931	3.881
>	Y	89		mg/L	1159799.88	1159799.876	4.406
	Mo	95	0.196893	mg/L	319490.28	0.276	4.167
	Mo	98	0.199828	mg/L	530531.48	0.459	10.060
>	Rh	103		mg/L	1012979.78	1012979.780	2.952
	Ag	107	0.000097	mg/L	866.39	0.001	29.069
	Ag	109	0.000144	mg/L	795.38	0.001	35.207
	Cd	111	0.001465	mg/L	1647.50	0.002	5.733
	Cd	114	0.001400	mg/L	3544.18	0.003	13.346
>	In	115		mg/L	1297508.51	1297508.514	5.620
	Sn	118	0.006514	mg/L	21350.59	0.016	5.640
	Sn	120	0.006442	mg/L	28985.10	0.022	11.349
	Sb	121	0.000620	mg/L	4478.82	0.003	12.224
	Sb	123	0.000769	mg/L	3514.43	0.003	4.755
	Ba	135	0.049689	mg/L	53220.85	0.031	5.239

	Ba	137	0.050418	mg/L	92139.18	0.053	3.804
>	Tb	159		mg/L	1720448.47	1720448.472	0.472
>	Ho	165		mg/L	1726456.37	1726456.374	5.484
	Hg	202	0.241610	mg/L	558.36	0.000	8.032
	Tl	203	0.000492	mg/L	2930.18	0.001	41.257
	Tl	205	0.000295	mg/L	7224.36	0.002	47.973
	Pb	208	0.010527	mg/L	149511.71	0.083	3.368
	Bi	209	0.000068	mg/L	3306.00	0.002	28.879
	Th	232	0.002155	mg/L	26628.68	0.015	30.629
	U	238	0.000783	mg/L	13552.25	0.008	10.735

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-02RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 18:40:54
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-02RE2.096
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 94

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	175268.02	175268.016	5.688
	Be	9	0.004790	mg/L	192.00	0.001	4.082
	B	11	0.274391	mg/L	14916.06	0.064	4.400
	Na	23	S	mg/L	S	S	S
	Mg	24	96.928771	mg/L	30614826.85	54.709	4.909
	Al	27	0.394612	mg/L	228340.67	0.335	2.766
	Si	28	24.080568	mg/L	5961036.83	10.568	7.083
	K	39	15.778447	mg/L	14453169.15	23.993	10.168
	Ca	44	52.619033	mg/L	1469674.07	2.456	6.965
>	Sc	45		mg/L	560133.67	560133.668	6.601
	Ti	47	0.003036	mg/L	1471.47	0.000	47.022
	V	51	0.020441	mg/L	-14604.25	0.022	16.622
	Cr	52	-0.007577	mg/L	12540.44	-0.007	26.633
	Mn	55	6.717215	mg/L	9457123.09	16.886	8.397
	Fe	57	9.361243	mg/L	346941.80	0.600	3.262
	Ni	58	0.077387	mg/L	55693.04	0.160	14.235
	Co	59	0.000444	mg/L	1319.11	0.004	9.826
	Ni	60	0.001219	mg/L	862.05	0.002	7.876
	Ni	62	0.010170	mg/L	619.36	0.001	13.194
	Cu	63	0.005429	mg/L	4815.67	0.013	6.871
	Cu	65	0.000804	mg/L	844.05	0.002	8.453
	Zn	66	0.007969	mg/L	6415.67	0.007	32.667
	Zn	68	0.009681	mg/L	5310.61	0.006	24.222
	Ga	69	0.002038	mg/L	5380.98	0.009	11.715
>	Ge	72		mg/L	314342.85	314342.850	8.378
	As	75	0.006347	mg/L	798.00	0.005	14.223
	Se	77	-0.298475	mg/L	2063.92	-0.008	7.874
	Se	82	0.013679	mg/L	205.12	0.000	23.032
	Sr	88	0.462279	mg/L	979377.87	0.776	5.962
>	Y	89		mg/L	1263854.17	1263854.171	10.069
	Mo	95	0.004588	mg/L	1611.83	0.001	8.678
	Mo	98	0.004829	mg/L	2504.25	0.002	10.400
>	Rh	103		mg/L	1115080.12	1115080.115	5.445
	Ag	107	-0.000429	mg/L	128.67	0.000	36.571
	Ag	109	-0.000157	mg/L	117.00	0.000	15.523
	Cd	111	-0.000110	mg/L	69.00	0.000	76.632
	Cd	114	0.000326	mg/L	166.97	-0.000	445.335
>	In	115		mg/L	1373494.83	1373494.834	7.054
	Sn	118	-0.000240	mg/L	588.36	0.000	18.833
	Sn	120	-0.000495	mg/L	806.79	0.000	28.240
	Sb	121	-0.002170	mg/L	618.03	0.000	14.102
	Sb	123	-0.001305	mg/L	498.13	0.000	17.370
	Ba	135	0.145978	mg/L	32710.91	0.018	9.716

	Ba	137	0.149110	mg/L	57088.48	0.032	9.103
>	Tb	159		mg/L	1803903.30	1803903.297	8.029
>	Ho	165		mg/L	1788929.85	1788929.850	7.684
	Hg	202	0.013147	mg/L	47.67	0.000	570.853
	Tl	203	0.000332	mg/L	1194.76	-0.000	14.062
	Tl	205	-0.000872	mg/L	2875.82	-0.001	13.530
	Pb	208	0.000931	mg/L	9979.26	0.002	13.880
	Bi	209	-0.000982	mg/L	347.01	0.000	127.552
	Th	232	0.002536	mg/L	2127.60	0.000	6.996
	U	238	-0.000148	mg/L	1117.41	0.001	2.484

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-05RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 18:46:01
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-05RE2.097
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 95

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	192289.60	192289.597	0.136
	Be	9	0.000192	mg/L	51.67	0.000	17.028
	B	11	0.022653	mg/L	9206.77	0.026	12.003
	Na	23	29.269148	mg/L	72823590.03	127.465	1.333
	Mg	24	18.219194	mg/L	29340051.96	51.417	5.338
	Al	27	0.061185	mg/L	190370.87	0.261	11.274
	Si	28	4.506817	mg/L	5700239.29	9.900	6.142
	K	39	0.381378	mg/L	2849856.16	3.138	3.244
	Ca	44	10.489881	mg/L	1495943.60	2.448	3.916
>	Sc	45		mg/L	570976.47	570976.473	2.019
	Ti	47	0.000282	mg/L	1380.79	0.000	81.307
	V	51	0.005155	mg/L	-9312.64	0.032	8.071
	Cr	52	-0.002024	mg/L	10544.22	-0.011	7.592
	Mn	55	0.447134	mg/L	3214945.18	5.621	4.414
	Fe	57	17.050858	mg/L	3126899.64	5.458	0.527
	Ni	58	0.175646	mg/L	620350.70	1.816	6.101
	Co	59	0.042499	mg/L	281934.15	0.833	9.395
	Ni	60	0.050773	mg/L	72581.25	0.214	6.776
	Ni	62	0.057117	mg/L	12649.94	0.037	4.304
	Cu	63	0.000173	mg/L	2081.26	0.004	7.272
	Cu	65	0.000437	mg/L	1369.12	0.003	4.126
	Zn	66	0.036466	mg/L	41037.61	0.108	7.188
	Zn	68	0.036327	mg/L	28978.53	0.074	9.328
	Ga	69	-0.000229	mg/L	2063.92	-0.002	16.342
>	Ge	72		mg/L	338508.52	338508.520	2.448
	As	75	0.001367	mg/L	972.96	0.005	11.766
	Se	77	-0.078203	mg/L	1176.75	-0.011	0.678
	Se	82	0.001141	mg/L	69.95	0.000	15.372
	Sr	88	0.050918	mg/L	563483.04	0.428	5.889
>	Y	89		mg/L	1311932.75	1311932.755	2.883
	Mo	95	0.000377	mg/L	681.03	0.000	18.881
	Mo	98	0.000460	mg/L	1086.66	0.001	15.983
>	Rh	103		mg/L	1159037.18	1159037.184	8.013
	Ag	107	-0.000089	mg/L	118.67	0.000	48.711
	Ag	109	-0.000040	mg/L	81.33	0.000	31.313
	Cd	111	0.000054	mg/L	163.34	0.000	25.084
	Cd	114	0.000150	mg/L	417.69	0.000	18.916
>	In	115		mg/L	1410647.88	1410647.881	3.349
	Sn	118	-0.000089	mg/L	464.35	0.000	23.163
	Sn	120	-0.000141	mg/L	635.47	0.000	19.165
	Sb	121	-0.000450	mg/L	567.36	0.000	12.811
	Sb	123	-0.000280	mg/L	451.42	0.000	18.037
	Ba	135	0.004291	mg/L	5086.47	0.003	8.131

	Ba	137	0.004193	mg/L	8679.65	0.005	11.386
>	Tb	159		mg/L	1860166.90	1860166.898	5.134
>	Ho	165		mg/L	1825715.79	1825715.793	4.391
	Hg	202	0.001202	mg/L	46.00	-0.000	1446.644
	Tl	203	0.000042	mg/L	1110.75	-0.000	14.590
	Tl	205	-0.000205	mg/L	2630.07	-0.001	13.986
	Pb	208	0.000169	mg/L	9961.27	0.002	31.345
	Bi	209	-0.000198	mg/L	342.34	0.000	99.062
	Th	232	0.000559	mg/L	2990.86	0.001	16.179
	U	238	-0.000066	mg/L	549.02	0.000	14.121

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-DUP1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 18:51:07
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\1115077-DUP1.098
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 96

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	185804.68	185804.680	5.154
	Be	9	0.000217	mg/L	55.00	0.000	13.167
	B	11	0.019573	mg/L	8222.13	0.023	9.721
	Na	23	28.472603	mg/L	65912826.98	123.996	2.428
	Mg	24	17.536957	mg/L	26288715.63	49.492	3.101
	Al	27	0.060555	mg/L	175821.54	0.259	2.074
	Si	28	4.611511	mg/L	5415600.50	10.126	7.319
	K	39	0.419854	mg/L	2799312.04	3.428	11.638
	Ca	44	11.149391	mg/L	1471083.46	2.602	6.286
>	Sc	45		mg/L	531204.39	531204.388	4.511
	Ti	47	0.000233	mg/L	1268.43	0.000	58.303
	V	51	0.005245	mg/L	-8194.89	0.033	7.520
	Cr	52	-0.002005	mg/L	9870.80	-0.011	15.377
	Mn	55	0.469669	mg/L	3134785.76	5.904	6.013
	Fe	57	17.173298	mg/L	2930833.11	5.498	2.249
	Ni	58	0.166128	mg/L	554859.00	1.718	14.262
	Co	59	0.041426	mg/L	260089.18	0.812	10.581
	Ni	60	0.050414	mg/L	68392.15	0.212	4.258
	Ni	62	0.057068	mg/L	12000.40	0.037	3.161
	Cu	63	0.000029	mg/L	1506.81	0.003	13.455
	Cu	65	0.000273	mg/L	1038.40	0.002	13.542
	Zn	66	0.034427	mg/L	36926.50	0.102	15.318
	Zn	68	0.034518	mg/L	26284.93	0.071	11.975
	Ga	69	-0.000256	mg/L	1805.86	-0.003	3.523
>	Ge	72		mg/L	321643.15	321643.151	7.185
	As	75	0.001377	mg/L	935.66	0.005	6.716
	Se	77	-0.079287	mg/L	1056.07	-0.011	2.211
	Se	82	0.000982	mg/L	51.61	0.000	9.370
	Sr	88	0.050534	mg/L	527278.32	0.424	4.519
>	Y	89		mg/L	1239046.59	1239046.592	7.901
	Mo	95	0.000248	mg/L	413.68	0.000	19.958
	Mo	98	0.000321	mg/L	620.07	0.000	29.747
>	Rh	103		mg/L	1053740.87	1053740.865	4.419
	Ag	107	-0.000087	mg/L	116.34	0.000	36.491
	Ag	109	-0.000039	mg/L	80.00	0.000	62.529
	Cd	111	0.000061	mg/L	157.00	0.000	24.833
	Cd	114	0.000161	mg/L	410.65	0.000	4.821
>	In	115		mg/L	1266717.56	1266717.555	5.474
	Sn	118	-0.000093	mg/L	404.68	0.000	24.863
	Sn	120	-0.000145	mg/L	551.06	0.000	26.376
	Sb	121	-0.000467	mg/L	447.35	0.000	20.047
	Sb	123	-0.000297	mg/L	355.45	0.000	20.195
	Ba	135	0.003977	mg/L	4572.86	0.002	10.599

	Ba	137	0.003830	mg/L	7719.53	0.004	10.474
>	Tb	159		mg/L	1801950.43	1801950.426	6.212
>	Ho	165		mg/L	1751030.17	1751030.167	3.583
	Hg	202	-0.000414	mg/L	40.67	-0.000	91.741
	Tl	203	-0.000010	mg/L	845.38	-0.000	9.752
	Tl	205	-0.000260	mg/L	1989.90	-0.001	4.072
	Pb	208	0.000016	mg/L	7460.28	0.001	48.122
	Bi	209	-0.000204	mg/L	253.01	-0.000	68.903
	Th	232	0.000503	mg/L	2023.58	0.000	61.695
	U	238	-0.000069	mg/L	480.02	0.000	13.969

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 1115077-PS1
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 18:56:14
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\1115077-PS1.099
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 97

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	179332.06	179332.059	7.490
	Be	9	0.049289	mg/L	9552.12	0.053	4.072
	B	11	0.061779	mg/L	16596.67	0.072	17.791
	Na	23	29.173406	mg/L	61839189.92	127.048	2.027
	Mg	24	18.609638	mg/L	25486173.25	52.519	6.427
	Al	27	0.347300	mg/L	740536.42	1.459	13.191
	Si	28	4.644819	mg/L	4971402.88	10.198	14.167
	K	39	1.022886	mg/L	4752142.11	7.961	12.940
	Ca	44	11.272030	mg/L	1361192.38	2.631	4.393
>	Sc	45		mg/L	486955.41	486955.405	8.275
	Ti	47	0.054681	mg/L	18473.27	0.036	7.135
	V	51	0.057973	mg/L	229690.49	0.524	11.902
	Cr	52	0.053683	mg/L	219867.90	0.426	17.697
	Mn	55	0.505017	mg/L	3086248.65	6.348	5.904
	Fe	57	17.038752	mg/L	2664413.43	5.454	2.055
	Ni	58	0.214811	mg/L	662907.24	2.221	8.335
	Co	59	0.089696	mg/L	521332.75	1.756	2.714
	Ni	60	0.102117	mg/L	127608.81	0.429	4.382
	Ni	62	0.105826	mg/L	20357.32	0.068	2.733
	Cu	63	0.049190	mg/L	147677.08	0.496	6.990
	Cu	65	0.047044	mg/L	68717.60	0.231	11.191
	Zn	66	0.084751	mg/L	77282.92	0.247	8.138
	Zn	68	0.087588	mg/L	55859.00	0.177	0.996
	Ga	69	0.052914	mg/L	276691.55	0.923	3.274
>	Ge	72		mg/L	296866.87	296866.871	5.703
	As	75	0.052607	mg/L	48641.63	0.166	5.072
	Se	77	-0.019915	mg/L	3940.23	-0.001	123.353
	Se	82	0.050596	mg/L	3884.01	0.004	9.286
	Sr	88	0.105014	mg/L	976360.49	0.881	3.026
>	Y	89		mg/L	1104900.78	1104900.785	5.895
	Mo	95	0.053802	mg/L	83034.42	0.075	7.272
	Mo	98	0.052669	mg/L	132868.39	0.121	11.797
>	Rh	103		mg/L	982103.93	982103.931	3.867
	Ag	107	0.039079	mg/L	155028.60	0.158	5.188
	Ag	109	0.038454	mg/L	146740.96	0.149	2.113
	Cd	111	0.052798	mg/L	54643.66	0.056	5.486
	Cd	114	0.051853	mg/L	127666.34	0.130	11.941
>	In	115		mg/L	1182887.46	1182887.459	4.332
	Sn	118	0.058224	mg/L	168923.33	0.143	5.635
	Sn	120	0.060736	mg/L	240276.48	0.203	9.310
	Sb	121	0.070025	mg/L	238262.55	0.202	8.832
	Sb	123	0.066789	mg/L	181154.70	0.153	2.854
	Ba	135	0.060231	mg/L	59474.86	0.037	3.977

	Ba	137	0.062418	mg/L	105046.29	0.066	4.188
>	Tb	159		mg/L	1587474.06	1587474.059	4.466
>	Ho	165		mg/L	1556948.47	1556948.466	7.458
	Hg	202	0.012076	mg/L	59.67	0.000	62.684
	Tl	203	0.057719	mg/L	218043.40	0.140	7.797
	Tl	205	0.061375	mg/L	528682.26	0.340	14.079
	Pb	208	0.059553	mg/L	732046.99	0.468	4.647
	Bi	209	0.059684	mg/L	605847.78	0.389	2.142
	Th	232	0.056313	mg/L	752201.71	0.484	7.328
	U	238	0.054762	mg/L	757232.68	0.490	13.796

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-06RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:01:21
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-06RE2.100
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 98

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	165967.42	165967.420	4.312
	Be	9	0.000022	mg/L	14.00	0.000	141.080
	B	11	0.034770	mg/L	10247.89	0.040	15.795
	Na	23	S	mg/L	S	S	S
	Mg	24	10.547671	mg/L	14573461.70	29.768	6.028
	Al	27	0.057463	mg/L	155391.52	0.246	14.940
	Si	28	4.313308	mg/L	4668878.39	9.482	13.503
	K	39	1.257127	mg/L	5658981.87	9.722	9.929
	Ca	44	6.513717	mg/L	829530.71	1.522	2.939
>	Sc	45		mg/L	490737.76	490737.760	6.623
	Ti	47	0.000680	mg/L	1311.77	0.000	43.301
	V	51	0.005380	mg/L	-6950.49	0.034	6.963
	Cr	52	-0.002140	mg/L	8572.14	-0.012	19.577
	Mn	55	0.970487	mg/L	5980578.97	12.198	3.504
	Fe	57	37.708834	mg/L	5937116.56	12.070	2.268
	Ni	58	0.274435	mg/L	808420.12	2.837	9.130
	Co	59	-0.000026	mg/L	560.02	0.001	10.189
	Ni	60	-0.000087	mg/L	387.68	0.001	13.458
	Ni	62	0.010025	mg/L	2016.91	0.007	3.113
	Cu	63	0.000839	mg/L	3635.77	0.011	12.270
	Cu	65	0.000060	mg/L	623.36	0.001	16.249
	Zn	66	0.000352	mg/L	4797.98	0.003	29.503
	Zn	68	-0.000067	mg/L	3669.78	0.002	35.900
	Ga	69	0.000052	mg/L	3116.90	0.003	5.612
>	Ge	72		mg/L	283775.75	283775.751	4.046
	As	75	0.001879	mg/L	1272.75	0.007	6.360
	Se	77	-0.074015	mg/L	1184.76	-0.010	3.247
	Se	82	0.001385	mg/L	72.53	0.000	25.538
	Sr	88	0.052399	mg/L	459287.97	0.440	4.593
>	Y	89		mg/L	1037756.17	1037756.166	3.683
	Mo	95	0.000499	mg/L	714.37	0.001	8.240
	Mo	98	0.000580	mg/L	1145.26	0.001	6.057
>	Rh	103		mg/L	921464.77	921464.765	4.619
	Ag	107	0.000279	mg/L	1468.50	0.002	62.585
	Ag	109	0.000319	mg/L	1356.47	0.001	60.255
	Cd	111	-0.000027	mg/L	52.00	0.000	93.355
	Cd	114	0.000055	mg/L	113.77	-0.000	43.102
>	In	115		mg/L	1170157.36	1170157.361	6.695
	Sn	118	0.000059	mg/L	803.71	0.000	25.576
	Sn	120	0.000019	mg/L	1142.50	0.001	28.265
	Sb	121	-0.000028	mg/L	1873.21	0.001	18.192
	Sb	123	0.000146	mg/L	1509.29	0.001	10.550
	Ba	135	0.019644	mg/L	19380.86	0.012	4.919

	Ba	137	0.019156	mg/L	32377.56	0.020	3.593
>	Tb	159		mg/L	1579150.98	1579150.980	0.574
>	Ho	165		mg/L	1564915.38	1564915.383	5.603
	Hg	202	0.006516	mg/L	49.67	0.000	104.348
	Tl	203	0.000149	mg/L	1357.78	-0.000	809.445
	Tl	205	-0.000103	mg/L	3128.57	-0.000	220.879
	Pb	208	-0.000134	mg/L	4818.55	-0.001	39.895
	Bi	209	0.000094	mg/L	3261.98	0.002	28.420
	Th	232	0.000702	mg/L	4487.50	0.002	24.268
	U	238	-0.000089	mg/L	151.34	0.000	6.157

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-10RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:06:29
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-10RE2.101
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 99

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	172259.89	172259.892	4.120
	Be	9	0.000032	mg/L	16.33	0.000	43.485
	B	11	0.159788	mg/L	35492.78	0.185	12.796
	Na	23	S	mg/L	S	S	S
	Mg	24	0.089678	mg/L	126637.63	0.255	4.080
	Al	27	0.020223	mg/L	78993.92	0.090	18.003
	Si	28	0.358206	mg/L	499293.07	0.938	10.277
	K	39	63.258300	mg/L	232855556.76	475.794	5.839
	Ca	44	459.647871	mg/L	52413293.14	107.090	1.206
>	Sc	45		mg/L	488951.60	488951.595	7.632
	Ti	47	0.000407	mg/L	1218.09	0.000	82.937
	V	51	0.001937	mg/L	-22990.76	0.002	680.784
	Cr	52	0.014927	mg/L	73716.79	0.122	12.270
	Mn	55	0.000201	mg/L	4968.08	0.003	9.308
	Fe	57	1.001501	mg/L	166563.12	0.322	4.913
	Ni	58	0.008893	mg/L	31279.15	0.092	4.456
	Co	59	0.002577	mg/L	15025.24	0.052	4.700
	Ni	60	0.015602	mg/L	19076.30	0.066	9.375
	Ni	62	0.016910	mg/L	3286.31	0.011	17.327
	Cu	63	0.007991	mg/L	24075.24	0.083	7.262
	Cu	65	0.004036	mg/L	6156.82	0.021	8.472
	Zn	66	0.001613	mg/L	5848.61	0.007	11.194
	Zn	68	0.014545	mg/L	11981.37	0.031	8.125
	Ga	69	0.014809	mg/L	76170.99	0.260	7.032
>	Ge	72		mg/L	284250.73	284250.732	2.718
	As	75	0.002726	mg/L	2037.75	0.009	23.239
	Se	77	0.068674	mg/L	8047.68	0.014	20.613
	Se	82	0.007669	mg/L	568.04	0.001	2.048
	Sr	88	5.130041	mg/L	47710304.23	42.984	5.946
>	Y	89		mg/L	1110256.29	1110256.287	0.795
	Mo	95	0.003896	mg/L	6049.08	0.005	7.942
	Mo	98	0.003850	mg/L	9567.78	0.009	8.769
>	Rh	103		mg/L	956888.18	956888.176	3.793
	Ag	107	-0.000035	mg/L	306.34	0.000	37.651
	Ag	109	0.000016	mg/L	273.01	0.000	45.645
	Cd	111	-0.000007	mg/L	73.67	0.000	30.747
	Cd	114	0.000073	mg/L	161.96	0.000	76.316
>	In	115		mg/L	1183604.40	1183604.400	5.279
	Sn	118	0.000035	mg/L	747.70	0.000	2.934
	Sn	120	-0.000016	mg/L	1026.58	0.001	4.752
	Sb	121	-0.000062	mg/L	1791.19	0.001	1.239
	Sb	123	0.000159	mg/L	1564.68	0.001	5.580
	Ba	135	0.690644	mg/L	699677.00	0.429	2.395

	Ba	137	0.705820	mg/L	1216224.28	0.746	5.165
>	Tb	159		mg/L	1630657.20	1630657.197	3.772
>	Ho	165		mg/L	1612972.50	1612972.503	6.849
	Hg	202	0.003621	mg/L	45.67	0.000	50.356
	Tl	203	0.000025	mg/L	914.06	-0.000	16.312
	Tl	205	-0.000225	mg/L	2142.94	-0.001	13.985
	Pb	208	-0.000091	mg/L	5506.03	-0.000	42.602
	Bi	209	-0.000101	mg/L	1319.45	0.001	25.033
	Th	232	0.000526	mg/L	2182.95	0.001	9.573
	U	238	-0.000091	mg/L	121.67	0.000	79.240

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-11RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:11:37
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-11RE2.102
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 100

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	170725.35	170725.347	7.035
	Be	9	0.000033	mg/L	16.67	0.000	65.785
	B	11	0.665097	mg/L	134411.05	0.770	13.097
	Na	23	34.784054	mg/L	76275444.94	151.482	1.163
	Mg	24	S	mg/L	S	S	S
	Al	27	0.001404	mg/L	41896.99	0.011	83.261
	Si	28	3.472954	mg/L	3886303.06	7.667	12.648
	K	39	S	mg/L	S	S	S
	Ca	44	28.988860	mg/L	3485781.38	6.758	0.538
>	Sc	45		mg/L	503160.10	503160.098	5.564
	Ti	47	0.001230	mg/L	1527.48	0.001	17.816
	V	51	-0.003311	mg/L	-48593.71	-0.047	88.326
	Cr	52	0.183574	mg/L	739001.05	1.445	13.080
	Mn	55	0.007385	mg/L	50514.97	0.094	2.532
	Fe	57	0.336685	mg/L	63990.31	0.109	2.829
	Ni	58	0.006722	mg/L	25921.87	0.070	3.223
	Co	59	0.001597	mg/L	9986.94	0.033	5.777
	Ni	60	0.003725	mg/L	5142.18	0.017	7.431
	Ni	62	0.005717	mg/L	1286.10	0.004	4.036
	Cu	63	0.007469	mg/L	23498.32	0.078	7.016
	Cu	65	0.008465	mg/L	12820.86	0.042	8.258
	Zn	66	0.051209	mg/L	48532.05	0.150	2.368
	Zn	68	0.049226	mg/L	33030.41	0.100	4.450
	Ga	69	0.000317	mg/L	4619.55	0.007	1.970
>	Ge	72		mg/L	296085.13	296085.131	3.212
	As	75	0.006667	mg/L	5791.17	0.022	4.318
	Se	77	0.099803	mg/L	9926.87	0.019	13.079
	Se	82	0.032415	mg/L	2480.55	0.002	6.114
	Sr	88	0.119123	mg/L	1106763.35	0.999	4.656
>	Y	89		mg/L	1105101.80	1105101.804	6.399
	Mo	95	0.333524	mg/L	515372.01	0.467	7.572
	Mo	98	0.327437	mg/L	828656.08	0.752	10.264
>	Rh	103		mg/L	958504.35	958504.349	6.817
	Ag	107	0.000125	mg/L	926.39	0.001	3.834
	Ag	109	0.000173	mg/L	865.38	0.001	8.855
	Cd	111	0.001020	mg/L	1109.08	0.001	9.319
	Cd	114	0.000856	mg/L	2036.64	0.002	14.676
>	In	115		mg/L	1198907.41	1198907.410	4.443
	Sn	118	-0.000011	mg/L	622.03	0.000	21.829
	Sn	120	-0.000062	mg/L	852.25	0.000	23.152
	Sb	121	0.001875	mg/L	8445.02	0.007	7.083
	Sb	123	0.002062	mg/L	6786.37	0.006	2.969
	Ba	135	0.019689	mg/L	20150.52	0.012	2.102

	Ba	137	0.019731	mg/L	34555.44	0.021	6.695
>	Tb	159		mg/L	1638355.71	1638355.711	3.736
>	Ho	165		mg/L	1629124.84	1629124.838	5.328
	Hg	202	0.060529	mg/L	161.34	0.000	13.377
	Tl	203	0.000106	mg/L	1244.76	-0.000	56.024
	Tl	205	-0.000138	mg/L	2946.18	-0.000	62.644
	Pb	208	0.002130	mg/L	33920.62	0.017	3.379
	Bi	209	-0.000183	mg/L	461.35	0.000	26.952
	Th	232	0.001030	mg/L	9278.19	0.005	17.109
	U	238	0.000382	mg/L	6979.42	0.004	12.069

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:16:44
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\RINSE.103
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	163872.46	163872.457	2.726
	Be	9	0.000030	mg/L	15.33	0.000	161.428
	B	11	0.019332	mg/L	7222.96	0.022	14.290
	Na	23	0.011719	mg/L	63805.40	0.050	12.154
	Mg	24	0.003088	mg/L	7745.54	0.011	69.273
	Al	27	0.000898	mg/L	41839.41	0.009	94.836
	Si	28	-0.067146	mg/L	54966.74	0.019	43.169
	K	39	0.096914	mg/L	1468142.02	1.000	11.053
	Ca	44	0.238494	mg/L	118520.04	0.060	21.105
>	Sc	45		mg/L	515178.22	515178.216	4.396
	Ti	47	-0.000464	mg/L	993.06	-0.000	48.825
	V	51	0.005318	mg/L	-7603.98	0.034	2.314
	Cr	52	-0.000039	mg/L	17504.08	0.004	81.234
	Mn	55	0.001065	mg/L	10824.58	0.014	60.440
	Fe	57	0.060239	mg/L	19885.29	0.020	3.932
	Ni	58	0.002074	mg/L	12283.43	0.022	6.031
	Co	59	0.000019	mg/L	884.39	0.002	6.448
	Ni	60	-0.000211	mg/L	262.34	0.000	29.431
	Ni	62	-0.000150	mg/L	178.00	0.000	220.855
	Cu	63	-0.000259	mg/L	563.02	-0.000	329.587
	Cu	65	-0.000120	mg/L	410.01	0.000	30.100
	Zn	66	-0.000532	mg/L	4468.81	0.001	31.090
	Zn	68	-0.001138	mg/L	3358.99	-0.001	95.646
	Ga	69	-0.000287	mg/L	1582.16	-0.003	21.484
>	Ge	72		mg/L	310940.19	310940.192	0.896
	As	75	0.000766	mg/L	305.14	0.003	15.983
	Se	77	-0.081912	mg/L	886.72	-0.012	3.314
	Se	82	0.000061	mg/L	-26.81	0.000	165.970
	Sr	88	-0.000100	mg/L	2758.78	0.000	155.916
>	Y	89		mg/L	1203450.67	1203450.669	3.287
	Mo	95	0.001094	mg/L	1837.54	0.001	21.755
	Mo	98	0.001172	mg/L	2969.71	0.002	18.298
>	Rh	103		mg/L	1111831.87	1111831.865	5.545
	Ag	107	-0.000098	mg/L	75.67	-0.000	202.366
	Ag	109	-0.000047	mg/L	51.67	-0.000	151.602
	Cd	111	-0.000036	mg/L	52.67	-0.000	118.540
	Cd	114	0.000048	mg/L	117.72	-0.000	38.157
>	In	115		mg/L	1303582.33	1303582.332	1.411
	Sn	118	-0.000117	mg/L	340.68	0.000	35.423
	Sn	120	-0.000164	mg/L	484.47	0.000	19.642
	Sb	121	-0.000502	mg/L	332.01	0.000	34.187
	Sb	123	-0.000334	mg/L	256.57	0.000	34.116
	Ba	135	0.000046	mg/L	187.00	0.000	125.733

	Ba	137	-0.000061	mg/L	326.89	0.000	61.769
>	Tb	159		mg/L	1770137.11	1770137.106	5.011
>	Ho	165		mg/L	1709385.68	1709385.678	7.385
	Hg	202	-0.002508	mg/L	35.33	-0.000	3.429
	Tl	203	0.000011	mg/L	910.05	-0.000	16.294
	Tl	205	-0.000232	mg/L	2198.62	-0.001	18.585
	Pb	208	0.000721	mg/L	16723.57	0.006	14.433
	Bi	209	-0.000211	mg/L	172.34	-0.000	7.877
	Th	232	0.000399	mg/L	427.01	-0.001	5.668
	U	238	-0.000095	mg/L	76.00	-0.000	47.711

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCV9
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:21:49
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-CCV9.104
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	166316.30	166316.304	5.280
	Be	9	0.037228	mg/L	6706.55	0.040	2.753
	B	11	0.048610	mg/L	12932.32	0.056	8.786
	Na	23	0.458122	mg/L	1054448.40	1.994	0.909
	Mg	24	0.469059	mg/L	677685.76	1.326	2.397
	Al	27	0.224099	mg/L	515549.81	0.943	10.252
	Si	28	-0.024627	mg/L	100649.08	0.111	24.716
	K	39	0.561145	mg/L	3212486.99	4.490	18.686
	Ca	44	0.707932	mg/L	172528.12	0.170	17.099
>	Sc	45		mg/L	510120.43	510120.427	8.038
	Ti	47	0.039999	mg/L	14514.44	0.026	1.304
	V	51	0.036848	mg/L	142167.24	0.327	3.481
	Cr	52	0.040677	mg/L	178946.37	0.324	15.637
	Mn	55	0.040534	mg/L	262403.21	0.510	9.992
	Fe	57	0.218949	mg/L	45549.57	0.071	3.093
	Ni	58	0.042207	mg/L	131063.03	0.437	14.729
	Co	59	0.039036	mg/L	221700.39	0.765	6.589
	Ni	60	0.040297	mg/L	49604.91	0.170	2.055
	Ni	62	0.039618	mg/L	7591.26	0.026	2.175
	Cu	63	0.040633	mg/L	119476.80	0.411	4.841
	Cu	65	0.040535	mg/L	57790.56	0.199	13.185
	Zn	66	0.041234	mg/L	38972.09	0.121	15.984
	Zn	68	0.041747	mg/L	27927.78	0.085	8.855
	Ga	69	0.041414	mg/L	212277.46	0.723	1.561
>	Ge	72		mg/L	290407.30	290407.296	7.336
	As	75	0.040386	mg/L	36382.94	0.128	6.119
	Se	77	0.091905	mg/L	9305.86	0.018	17.979
	Se	82	0.040523	mg/L	3134.93	0.003	14.686
	Sr	88	0.041380	mg/L	391265.21	0.348	1.636
>	Y	89		mg/L	1119187.39	1119187.388	6.469
	Mo	95	0.042030	mg/L	65793.08	0.059	3.704
	Mo	98	0.042732	mg/L	109085.40	0.098	11.051
>	Rh	103		mg/L	1033223.47	1033223.473	2.817
	Ag	107	0.021281	mg/L	88851.84	0.086	5.819
	Ag	109	0.021047	mg/L	84459.84	0.082	9.226
	Cd	111	0.039801	mg/L	43384.74	0.042	4.234
	Cd	114	0.040252	mg/L	104537.79	0.101	5.496
>	In	115		mg/L	1282502.92	1282502.916	8.515
	Sn	118	0.041430	mg/L	130233.80	0.102	6.713
	Sn	120	0.042428	mg/L	181400.99	0.142	13.396
	Sb	121	0.042473	mg/L	156370.74	0.123	16.688
	Sb	123	0.042434	mg/L	124410.94	0.098	12.735
	Ba	135	0.043404	mg/L	44698.00	0.027	8.819

	Ba	137	0.044243	mg/L	77827.50	0.047	5.485
>	Tb	159		mg/L	1656519.14	1656519.143	2.863
>	Ho	165		mg/L	1669117.50	1669117.498	5.079
	Hg	202	0.011268	mg/L	63.00	0.000	10.750
	Tl	203	0.041614	mg/L	169246.18	0.101	3.216
	Tl	205	0.042184	mg/L	392399.56	0.234	9.128
	Pb	208	0.041287	mg/L	546206.05	0.324	6.681
	Bi	209	0.043089	mg/L	469961.09	0.281	1.352
	Th	232	0.037294	mg/L	533820.01	0.319	1.879
	U	238	0.035817	mg/L	533676.04	0.321	7.664

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCB9
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:26:53
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-CCB9.105
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	163127.00	163127.000	5.452
	Be	9	0.000024	mg/L	14.33	0.000	208.555
	B	11	0.009614	mg/L	5336.95	0.011	17.397
	Na	23	0.007538	mg/L	51638.25	0.032	13.852
	Mg	24	-0.000218	mg/L	2822.47	0.001	14.792
	Al	27	0.000060	mg/L	37973.20	0.005	124.735
	Si	28	-0.062399	mg/L	56766.69	0.029	96.915
	K	39	0.099844	mg/L	1400740.26	1.022	23.677
	Ca	44	0.356112	mg/L	125678.75	0.088	21.649
>	Sc	45		mg/L	489230.60	489230.602	7.264
	Ti	47	0.000284	mg/L	1181.09	0.000	87.957
	V	51	-0.002650	mg/L	-43126.73	-0.040	41.415
	Cr	52	0.001243	mg/L	21440.21	0.014	41.055
	Mn	55	-0.000302	mg/L	1874.88	-0.003	16.156
	Fe	57	0.040532	mg/L	15776.52	0.014	6.609
	Ni	58	0.001129	mg/L	8784.34	0.012	23.760
	Co	59	-0.000068	mg/L	336.34	0.000	24.128
	Ni	60	-0.000238	mg/L	216.00	0.000	322.214
	Ni	62	-0.000084	mg/L	183.00	0.000	182.092
	Cu	63	-0.000256	mg/L	545.02	-0.000	286.576
	Cu	65	-0.000160	mg/L	331.68	0.000	198.819
	Zn	66	-0.000938	mg/L	3898.88	-0.001	260.809
	Zn	68	-0.000920	mg/L	3324.31	-0.000	366.239
	Ga	69	-0.000090	mg/L	2517.04	0.000	830.485
>	Ge	72		mg/L	296476.17	296476.168	5.131
	As	75	0.000202	mg/L	-206.52	0.002	200.804
	Se	77	0.037953	mg/L	6821.96	0.009	26.036
	Se	82	0.000462	mg/L	6.59	0.000	18.856
	Sr	88	-0.000105	mg/L	2561.39	0.000	90.981
>	Y	89		mg/L	1139098.48	1139098.476	7.273
	Mo	95	0.000463	mg/L	719.37	0.001	23.494
	Mo	98	0.000529	mg/L	1106.74	0.001	30.778
>	Rh	103		mg/L	1019416.39	1019416.387	2.272
	Ag	107	-0.000039	mg/L	307.68	0.000	61.206
	Ag	109	0.000010	mg/L	270.67	0.000	64.264
	Cd	111	-0.000032	mg/L	52.33	-0.000	1303.483
	Cd	114	0.000057	mg/L	130.37	-0.000	20.447
>	In	115		mg/L	1195259.70	1195259.703	5.904
	Sn	118	-0.000019	mg/L	598.03	0.000	7.134
	Sn	120	-0.000074	mg/L	805.84	0.000	7.266
	Sb	121	0.001840	mg/L	8276.25	0.007	19.265
	Sb	123	0.001859	mg/L	6201.20	0.005	17.796
	Ba	135	0.000035	mg/L	165.34	-0.000	46.517

	Ba	137	-0.000080	mg/L	275.66	0.000	43.406
>	Tb	159		mg/L	1668992.03	1668992.031	1.709
>	Ho	165		mg/L	1616134.65	1616134.648	3.397
	Hg	202	0.008362	mg/L	55.00	0.000	57.391
	Tl	203	-0.000106	mg/L	405.01	-0.001	0.895
	Tl	205	-0.000359	mg/L	952.06	-0.002	1.252
	Pb	208	-0.000392	mg/L	1712.08	-0.003	3.045
	Bi	209	-0.000142	mg/L	886.72	0.000	32.429
	Th	232	0.000978	mg/L	8521.48	0.004	19.562
	U	238	-0.000087	mg/L	174.00	0.000	11.347

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-12RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:31:58
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-12RE2.106
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 101

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	166385.74	166385.740	4.025
	Be	9	0.004271	mg/L	779.37	0.005	5.319
	B	11	0.010118	mg/L	5551.08	0.012	1.721
	Na	23	S	mg/L	S	S	S
	Mg	24	77.378666	mg/L	110980327.75	218.367	3.882
	Al	27	1.788348	mg/L	3842302.09	7.490	3.631
	Si	28	27.460679	mg/L	30250649.78	59.487	4.948
	K	39	1.029036	mg/L	5005978.38	8.007	8.802
	Ca	44	20.526670	mg/L	2517541.98	4.787	5.501
>	Sc	45		mg/L	508138.03	508138.032	2.218
	Ti	47	0.002674	mg/L	2026.25	0.002	7.217
	V	51	-0.002100	mg/L	-42434.00	-0.035	120.004
	Cr	52	0.000983	mg/L	21368.35	0.012	19.797
	Mn	55	0.596743	mg/L	3812730.51	7.501	7.295
	Fe	57	13.284386	mg/L	2170290.45	4.253	0.730
	Ni	58	0.421479	mg/L	1268580.69	4.358	11.999
	Co	59	0.234531	mg/L	1331526.66	4.588	9.766
	Ni	60	0.356988	mg/L	435613.43	1.497	3.115
	Ni	62	0.380270	mg/L	71382.66	0.244	5.739
	Cu	63	0.002403	mg/L	8306.89	0.027	1.539
	Cu	65	0.002289	mg/L	3806.50	0.012	7.726
	Zn	66	0.645443	mg/L	545985.23	1.868	10.505
	Zn	68	0.655745	mg/L	384382.38	1.313	7.926
	Ga	69	0.000275	mg/L	4322.07	0.006	6.678
>	Ge	72		mg/L	291054.65	291054.651	4.858
	As	75	0.001809	mg/L	1273.76	0.007	54.572
	Se	77	0.070497	mg/L	8299.87	0.014	15.534
	Se	82	0.002977	mg/L	292.29	0.000	21.813
	Sr	88	0.178512	mg/L	2420542.75	1.497	4.973
>	Y	89		mg/L	1618013.73	1618013.727	5.681
	Mo	95	0.000183	mg/L	395.68	0.000	17.602
	Mo	98	0.000263	mg/L	600.58	0.000	30.661
>	Rh	103		mg/L	911217.41	911217.410	5.191
	Ag	107	-0.000071	mg/L	158.00	0.000	16.900
	Ag	109	-0.000025	mg/L	117.67	0.000	24.202
	Cd	111	0.001373	mg/L	1390.45	0.001	11.411
	Cd	114	0.001468	mg/L	3342.03	0.004	6.756
>	In	115		mg/L	1113620.71	1113620.713	6.649
	Sn	118	-0.000067	mg/L	426.68	0.000	12.893
	Sn	120	-0.000107	mg/L	626.36	0.000	6.832
	Sb	121	0.000274	mg/L	2741.77	0.002	10.707
	Sb	123	0.000406	mg/L	2089.66	0.002	8.677
	Ba	135	0.016539	mg/L	16685.50	0.010	11.028

	Ba	137	0.014724	mg/L	25497.61	0.016	12.266
>	Tb	159		mg/L	1618422.78	1618422.778	5.079
>	Ho	165		mg/L	1575490.79	1575490.793	2.652
	Hg	202	0.009324	mg/L	55.67	0.000	29.366
	Tl	203	-0.000081	mg/L	490.68	-0.001	6.092
	Tl	205	-0.000331	mg/L	1168.09	-0.001	5.847
	Pb	208	0.002595	mg/L	38567.53	0.021	5.399
	Bi	209	-0.000193	mg/L	347.01	0.000	61.046
	Th	232	0.000950	mg/L	7938.98	0.004	23.230
	U	238	0.000923	mg/L	14371.16	0.009	3.226

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-13RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:37:05
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-13RE2.107
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 102

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	141556.82	141556.816	2.596
	Be	9	0.000066	mg/L	18.67	0.000	45.442
	B	11	0.817233	mg/L	136885.19	0.946	4.573
	Na	23	S	mg/L	S	S	S
	Mg	24	246.853957	mg/L	321219407.60	696.631	1.307
	Al	27	0.005219	mg/L	45816.78	0.027	20.116
	Si	28	7.258168	mg/L	7306846.94	15.844	11.718
	K	39	66.748689	mg/L	230908617.84	502.032	13.341
	Ca	44	94.250296	mg/L	10176103.25	21.962	6.895
>	Sc	45		mg/L	461367.55	461367.547	7.625
	Ti	47	0.003891	mg/L	2204.29	0.003	11.900
	V	51	-0.002356	mg/L	-39125.31	-0.038	73.181
	Cr	52	0.001130	mg/L	19855.89	0.014	29.764
	Mn	55	0.456480	mg/L	2638596.78	5.738	8.866
	Fe	57	18.470075	mg/L	2732849.79	5.913	2.467
	Ni	58	0.144790	mg/L	384400.30	1.497	11.588
	Co	59	0.001345	mg/L	7309.68	0.028	8.471
	Ni	60	0.005752	mg/L	6573.11	0.025	0.600
	Ni	62	1.248544	mg/L	203883.86	0.802	17.963
	Cu	63	0.131147	mg/L	335621.76	1.319	15.455
	Cu	65	0.002549	mg/L	3649.44	0.013	10.478
	Zn	66	0.004078	mg/L	7030.46	0.014	20.583
	Zn	68	0.004919	mg/L	5817.92	0.011	16.645
	Ga	69	0.002480	mg/L	13534.54	0.045	4.841
>	Ge	72		mg/L	254344.57	254344.569	3.063
	As	75	0.014514	mg/L	11242.67	0.047	4.090
	Se	77	0.097988	mg/L	8439.67	0.019	10.687
	Se	82	0.027464	mg/L	1821.59	0.002	24.460
	Sr	88	1.682318	mg/L	13593810.99	14.096	4.384
>	Y	89		mg/L	965424.49	965424.487	5.359
	Mo	95	0.001232	mg/L	1653.83	0.002	3.758
	Mo	98	0.001199	mg/L	2428.80	0.002	11.130
>	Rh	103		mg/L	827781.85	827781.852	5.509
	Ag	107	-0.000074	mg/L	134.34	0.000	27.862
	Ag	109	-0.000028	mg/L	96.00	0.000	36.281
	Cd	111	-0.000001	mg/L	69.67	0.000	20.636
	Cd	114	0.000072	mg/L	136.59	0.000	151.996
>	In	115		mg/L	1101013.34	1101013.338	8.632
	Sn	118	-0.000072	mg/L	406.68	0.000	16.997
	Sn	120	-0.000128	mg/L	539.23	0.000	30.351
	Sb	121	0.000007	mg/L	1865.21	0.002	18.844
	Sb	123	0.000173	mg/L	1477.56	0.001	14.864
	Ba	135	0.120893	mg/L	109351.12	0.075	9.684

	Ba	137	0.121840	mg/L	187859.76	0.129	9.210
>	Tb	159		mg/L	1457112.46	1457112.456	1.973
>	Ho	165		mg/L	1460590.26	1460590.260	3.452
	Hg	202	0.012958	mg/L	58.00	0.000	33.756
	Tl	203	-0.000137	mg/L	254.01	-0.001	0.514
	Tl	205	-0.000390	mg/L	615.36	-0.002	0.840
	Pb	208	-0.000391	mg/L	1559.07	-0.003	2.024
	Bi	209	0.000195	mg/L	3991.26	0.003	17.288
	Th	232	0.000566	mg/L	2479.03	0.001	23.455
	U	238	-0.000022	mg/L	1003.73	0.001	4.955

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-14RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:42:12
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-14RE2.108
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 103

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	197120.52	197120.517	4.435
	Be	9	0.000008	mg/L	13.67	-0.000	686.982
	B	11	0.322946	mg/L	77665.59	0.374	13.626
	Na	23	S	mg/L	S	S	S
	Mg	24	0.274315	mg/L	437789.08	0.776	7.450
	Al	27	0.104157	mg/L	287918.97	0.441	14.836
	Si	28	5.250956	mg/L	6503798.08	11.508	7.568
	K	39	S	mg/L	S	S	S
	Ca	44	259.452857	mg/L	34043443.38	60.450	4.585
>	Sc	45		mg/L	561322.20	561322.201	1.550
	Ti	47	0.001533	mg/L	1817.53	0.001	17.236
	V	51	0.086931	mg/L	417239.48	0.793	14.814
	Cr	52	0.001077	mg/L	24007.98	0.013	24.950
	Mn	55	0.000472	mg/L	7623.28	0.007	10.869
	Fe	57	0.614257	mg/L	121278.39	0.198	7.254
	Ni	58	0.031213	mg/L	112490.03	0.323	3.533
	Co	59	0.000623	mg/L	4839.01	0.014	10.494
	Ni	60	0.036775	mg/L	51476.05	0.155	9.141
	Ni	62	0.059070	mg/L	12747.75	0.038	5.660
	Cu	63	0.002511	mg/L	9781.72	0.028	8.935
	Cu	65	0.003280	mg/L	5927.33	0.017	6.899
	Zn	66	0.005309	mg/L	10319.62	0.018	3.267
	Zn	68	0.003429	mg/L	6579.79	0.008	16.967
	Ga	69	0.001570	mg/L	12354.87	0.029	7.999
>	Ge	72		mg/L	330149.05	330149.048	1.121
	As	75	0.013603	mg/L	13661.51	0.044	8.572
	Se	77	0.032330	mg/L	7305.35	0.008	20.040
	Se	82	0.007349	mg/L	646.86	0.001	4.654
	Sr	88	0.625695	mg/L	6945406.11	5.243	7.970
>	Y	89		mg/L	1323250.38	1323250.384	1.943
	Mo	95	0.728184	mg/L	1349278.09	1.020	5.569
	Mo	98	0.759111	mg/L	2304924.72	1.743	9.282
>	Rh	103		mg/L	1152067.73	1152067.734	8.895
	Ag	107	-0.000071	mg/L	203.34	0.000	5.094
	Ag	109	-0.000025	mg/L	151.00	0.000	14.521
	Cd	111	0.002144	mg/L	2668.75	0.002	20.387
	Cd	114	0.001586	mg/L	4525.50	0.004	19.794
>	In	115		mg/L	1384100.73	1384100.728	1.137
	Sn	118	-0.000039	mg/L	624.69	0.000	8.183
	Sn	120	-0.000088	mg/L	868.94	0.000	8.650
	Sb	121	0.000447	mg/L	4108.64	0.003	2.197
	Sb	123	0.000546	mg/L	3048.80	0.002	4.851
	Ba	135	0.011061	mg/L	12890.26	0.007	4.877

	Ba	137	0.011396	mg/L	22788.21	0.012	11.288
>	Tb	159		mg/L	1859058.33	1859058.326	5.212
>	Ho	165		mg/L	1894337.53	1894337.531	12.665
	Hg	202	1.131424	mg/L	2672.09	0.001	11.468
	Tl	203	0.000413	mg/L	2816.80	0.001	44.798
	Tl	205	0.000180	mg/L	6650.51	0.001	48.618
	Pb	208	-0.000269	mg/L	3810.68	-0.002	10.717
	Bi	209	-0.000204	mg/L	269.67	-0.000	43.438
	Th	232	0.000519	mg/L	2430.35	0.000	36.493
	U	238	-0.000091	mg/L	140.67	0.000	97.559

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-15RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:47:20
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-15RE2.109
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 104

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	178036.94	178036.943	3.929
	Be	9	0.000044	mg/L	19.33	0.000	65.815
	B	11	0.404943	mg/L	87376.06	0.469	3.257
	Na	23	S	mg/L	S	S	S
	Mg	24	86.666639	mg/L	132243433.83	244.578	6.190
	Al	27	0.003353	mg/L	49583.02	0.019	24.591
	Si	28	9.982733	mg/L	11795812.96	21.730	2.494
	K	39	61.623801	mg/L	251496642.14	463.507	8.763
	Ca	44	103.075118	mg/L	13075088.80	24.018	7.321
>	Sc	45		mg/L	540522.50	540522.501	3.048
	Ti	47	0.003451	mg/L	2428.68	0.002	11.666
	V	51	-0.005447	mg/L	-62061.02	-0.066	100.271
	Cr	52	0.002231	mg/L	28053.32	0.022	11.134
	Mn	55	0.180472	mg/L	1229166.32	2.269	9.517
	Fe	57	0.429936	mg/L	84795.37	0.139	3.147
	Ni	58	0.007184	mg/L	28882.31	0.075	15.351
	Co	59	0.002334	mg/L	15062.34	0.047	11.345
	Ni	60	0.006195	mg/L	8694.93	0.027	5.998
	Ni	62	0.086399	mg/L	17774.96	0.056	42.323
	Cu	63	0.013850	mg/L	45251.64	0.142	22.662
	Cu	65	0.001278	mg/L	2559.05	0.007	4.832
	Zn	66	0.002644	mg/L	7373.07	0.010	22.727
	Zn	68	0.003521	mg/L	6297.25	0.009	25.919
	Ga	69	0.002474	mg/L	16677.80	0.045	4.260
>	Ge	72		mg/L	313985.56	313985.564	5.462
	As	75	0.014954	mg/L	14333.37	0.048	4.252
	Se	77	0.127363	mg/L	11977.02	0.024	7.693
	Se	82	0.024120	mg/L	2067.54	0.002	15.682
	Sr	88	1.177554	mg/L	12299790.62	9.867	7.744
>	Y	89		mg/L	1250155.33	1250155.329	8.315
	Mo	95	0.006718	mg/L	11729.03	0.009	4.618
	Mo	98	0.006347	mg/L	17838.31	0.014	10.222
>	Rh	103		mg/L	1020462.87	1020462.866	8.334
	Ag	107	-0.000087	mg/L	113.00	0.000	36.712
	Ag	109	-0.000035	mg/L	90.67	0.000	32.623
	Cd	111	-0.000005	mg/L	80.67	0.000	60.176
	Cd	114	0.000081	mg/L	194.60	0.000	34.230
>	In	115		mg/L	1265320.65	1265320.650	4.520
	Sn	118	0.000144	mg/L	1140.42	0.001	9.645
	Sn	120	0.000097	mg/L	1574.66	0.001	7.578
	Sb	121	-0.000249	mg/L	1236.43	0.001	13.443
	Sb	123	-0.000067	mg/L	1016.58	0.001	8.252
	Ba	135	0.119634	mg/L	133345.59	0.074	10.657

	Ba	137	0.121354	mg/L	230257.50	0.128	13.993
>	Tb	159		mg/L	1800135.72	1800135.718	7.074
>	Ho	165		mg/L	1758525.70	1758525.705	3.433
	Hg	202	0.015356	mg/L	75.00	0.000	68.048
	Tl	203	-0.000153	mg/L	238.01	-0.001	3.042
	Tl	205	-0.000410	mg/L	543.69	-0.002	2.316
	Pb	208	-0.000316	mg/L	2906.54	-0.002	2.435
	Bi	209	-0.000198	mg/L	324.34	0.000	284.823
	Th	232	0.000458	mg/L	1342.45	-0.000	188.715
	U	238	0.000010	mg/L	1720.85	0.001	11.873

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-20RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:52:28
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-20RE2.110
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 105

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	151103.00	151103.005	8.151
	Be	9	0.000052	mg/L	17.33	0.000	96.589
	B	11	0.052855	mg/L	12502.41	0.061	4.503
	Na	23	S	mg/L	S	S	S
	Mg	24	0.061277	mg/L	85483.23	0.175	4.256
	Al	27	0.004508	mg/L	46036.86	0.024	16.361
	Si	28	1.327403	mg/L	1487703.69	3.032	7.760
	K	39	S	mg/L	S	S	S
	Ca	44	557.977835	mg/L	62071970.79	129.998	5.353
>	Sc	45		mg/L	476772.91	476772.906	0.517
	Ti	47	0.002161	mg/L	1740.19	0.001	35.948
	V	51	0.049891	mg/L	190646.47	0.448	4.000
	Cr	52	0.000910	mg/L	19788.10	0.012	20.626
	Mn	55	0.001068	mg/L	10046.66	0.014	5.831
	Fe	57	1.273988	mg/L	203596.97	0.409	3.792
	Ni	58	0.007292	mg/L	25022.37	0.076	17.569
	Co	59	0.000728	mg/L	4485.15	0.016	12.232
	Ni	60	0.015422	mg/L	17951.05	0.066	5.878
	Ni	62	0.432247	mg/L	75238.11	0.278	6.811
	Cu	63	0.039409	mg/L	107918.43	0.398	7.901
	Cu	65	0.007385	mg/L	10246.21	0.037	6.377
	Zn	66	0.021054	mg/L	20623.91	0.063	11.899
	Zn	68	0.014487	mg/L	11301.80	0.031	11.527
	Ga	69	0.000889	mg/L	6885.35	0.017	8.428
>	Ge	72		mg/L	270386.92	270386.916	10.171
	As	75	0.016895	mg/L	14011.94	0.054	2.552
	Se	77	0.095857	mg/L	8816.36	0.018	20.814
	Se	82	0.044771	mg/L	3280.44	0.003	15.533
	Sr	88	2.609415	mg/L	23229324.63	21.864	3.031
>	Y	89		mg/L	1064378.81	1064378.811	10.870
	Mo	95	1.051623	mg/L	1563797.77	1.473	3.700
	Mo	98	1.112763	mg/L	2697279.13	2.556	11.654
>	Rh	103		mg/L	914255.81	914255.813	0.598
	Ag	107	-0.000088	mg/L	97.00	0.000	67.726
	Ag	109	-0.000036	mg/L	79.67	0.000	29.067
	Cd	111	0.002706	mg/L	2682.43	0.003	15.538
	Cd	114	0.002051	mg/L	4700.17	0.005	0.130
>	In	115		mg/L	1166999.06	1166999.061	3.960
	Sn	118	-0.000016	mg/L	590.69	0.000	10.128
	Sn	120	-0.000078	mg/L	766.56	0.000	22.375
	Sb	121	0.000865	mg/L	4839.01	0.004	15.819
	Sb	123	0.001016	mg/L	3807.18	0.003	14.150
	Ba	135	0.030695	mg/L	30436.19	0.019	10.120

	Ba	137	0.031269	mg/L	53037.15	0.033	8.216
>	Tb	159		mg/L	1598853.88	1598853.877	7.829
>	Ho	165		mg/L	1590817.75	1590817.746	1.140
	Hg	202	0.704133	mg/L	1422.79	0.001	11.651
	Tl	203	-0.000151	mg/L	225.34	-0.001	0.634
	Tl	205	-0.000412	mg/L	471.02	-0.002	0.992
	Pb	208	-0.000259	mg/L	3340.27	-0.002	4.596
	Bi	209	-0.000188	mg/L	403.35	0.000	86.227
	Th	232	0.000515	mg/L	1997.24	0.000	21.028
	U	238	-0.000089	mg/L	151.67	0.000	12.735

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-45RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 19:57:36
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-45RE2.111
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 106

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	188265.93	188265.933	4.264
	Be	9	0.000034	mg/L	18.33	0.000	10.161
	B	11	0.498050	mg/L	112605.81	0.577	2.651
	Na	23	S	mg/L	S	S	S
	Mg	24	47.600311	mg/L	79789503.29	134.331	10.785
	Al	27	0.003750	mg/L	55474.97	0.021	33.553
	Si	28	8.863584	mg/L	11524282.35	19.312	7.610
	K	39	S	mg/L	S	S	S
	Ca	44	82.785931	mg/L	11561482.58	19.291	5.060
>	Sc	45		mg/L	593955.73	593955.726	0.549
	Ti	47	0.001634	mg/L	1963.57	0.001	15.312
	V	51	-0.003571	mg/L	-57937.41	-0.049	83.317
	Cr	52	0.001742	mg/L	28522.97	0.018	4.759
	Mn	55	0.310663	mg/L	2323945.12	3.905	3.989
	Fe	57	0.254569	mg/L	59876.82	0.083	8.380
	Ni	58	0.029563	mg/L	111231.71	0.306	18.639
	Co	59	0.000995	mg/L	7539.90	0.021	18.471
	Ni	60	0.031707	mg/L	46403.06	0.134	11.318
	Ni	62	0.037661	mg/L	8598.18	0.024	8.483
	Cu	63	0.001823	mg/L	7850.82	0.021	8.174
	Cu	65	0.002115	mg/L	4229.70	0.011	12.771
	Zn	66	0.011176	mg/L	16588.05	0.034	21.143
	Zn	68	0.010821	mg/L	11925.69	0.023	27.093
	Ga	69	0.000734	mg/L	7885.84	0.014	14.115
>	Ge	72		mg/L	345806.31	345806.315	5.880
	As	75	0.003639	mg/L	3480.28	0.012	20.140
	Se	77	0.085821	mg/L	10742.79	0.017	16.448
	Se	82	0.007985	mg/L	689.10	0.001	24.130
	Sr	88	0.334663	mg/L	3641077.32	2.805	13.358
>	Y	89		mg/L	1302242.91	1302242.913	6.375
	Mo	95	0.167498	mg/L	305444.51	0.235	6.188
	Mo	98	0.164645	mg/L	490846.10	0.378	9.981
>	Rh	103		mg/L	1099228.35	1099228.354	8.345
	Ag	107	-0.000091	mg/L	106.00	0.000	42.045
	Ag	109	-0.000040	mg/L	79.00	0.000	24.475
	Cd	111	0.000425	mg/L	582.36	0.000	13.012
	Cd	114	0.000380	mg/L	1032.46	0.001	9.189
>	In	115		mg/L	1395997.19	1395997.194	6.566
	Sn	118	0.000156	mg/L	1294.77	0.001	8.431
	Sn	120	0.000107	mg/L	1780.87	0.001	8.808
	Sb	121	0.000182	mg/L	3072.22	0.002	14.371
	Sb	123	0.000363	mg/L	2478.55	0.002	15.980
	Ba	135	0.031059	mg/L	39288.50	0.019	25.475

	Ba	137	0.031486	mg/L	67856.47	0.033	28.000
>	Tb	159		mg/L	2065287.01	2065287.005	11.547
>	Ho	165		mg/L	1902949.60	1902949.603	4.592
	Hg	202	0.154030	mg/L	405.01	0.000	27.066
	Tl	203	-0.000150	mg/L	271.01	-0.001	3.267
	Tl	205	-0.000405	mg/L	632.70	-0.002	2.666
	Pb	208	-0.000224	mg/L	4508.48	-0.001	22.820
	Bi	209	-0.000209	mg/L	210.34	-0.000	21.745
	Th	232	0.000474	mg/L	1700.51	0.000	349.759
	U	238	0.000630	mg/L	12323.93	0.006	19.518

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-46RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:02:43
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-46RE2.112
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 107

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	182773.77	182773.767	2.752
	Be	9	0.004258	mg/L	179.34	0.001	3.188
	B	11	0.226324	mg/L	13526.86	0.052	4.761
	Na	23	S	mg/L	S	S	S
	Mg	24	92.953006	mg/L	32664960.73	52.465	4.510
	Al	27	0.333609	mg/L	221918.93	0.284	8.439
	Si	28	23.266429	mg/L	6388305.88	10.217	12.463
	K	39	15.172182	mg/L	15456785.04	23.082	13.490
	Ca	44	51.695887	mg/L	1605846.26	2.413	7.746
>	Sc	45		mg/L	623849.48	623849.476	7.613
	Ti	47	0.001147	mg/L	1485.47	0.000	131.669
	V	51	0.016209	mg/L	-21118.90	0.014	47.702
	Cr	52	-0.006166	mg/L	15284.71	-0.005	75.819
	Mn	55	6.688507	mg/L	10456527.15	16.813	7.204
	Fe	57	9.339642	mg/L	385105.39	0.599	1.023
	Ni	58	0.075425	mg/L	60751.10	0.156	14.239
	Co	59	0.000405	mg/L	1420.46	0.003	10.993
	Ni	60	0.001210	mg/L	961.39	0.002	8.905
	Ni	62	0.011149	mg/L	737.70	0.002	25.328
	Cu	63	0.006063	mg/L	5794.91	0.015	11.451
	Cu	65	0.003021	mg/L	1698.18	0.004	14.962
	Zn	66	0.009496	mg/L	7471.16	0.008	36.850
	Zn	68	0.008652	mg/L	5782.23	0.005	29.326
	Ga	69	0.002085	mg/L	6069.76	0.009	14.539
>	Ge	72		mg/L	350643.64	350643.640	5.125
	As	75	0.006762	mg/L	993.58	0.005	6.886
	Se	77	-0.228590	mg/L	3129.57	-0.006	22.953
	Se	82	0.014736	mg/L	247.88	0.000	20.645
	Sr	88	0.448593	mg/L	1047009.14	0.753	2.968
>	Y	89		mg/L	1388196.71	1388196.710	5.073
	Mo	95	0.007414	mg/L	2873.82	0.002	8.086
	Mo	98	0.007632	mg/L	4548.51	0.003	0.896
>	Rh	103		mg/L	1206482.32	1206482.321	3.430
	Ag	107	-0.000475	mg/L	95.33	0.000	59.265
	Ag	109	-0.000220	mg/L	68.33	0.000	22.944
	Cd	111	-0.000068	mg/L	85.33	0.000	38.148
	Cd	114	0.000325	mg/L	179.84	-0.000	592.831
>	In	115		mg/L	1522470.95	1522470.953	7.464
	Sn	118	-0.000647	mg/L	348.34	0.000	58.430
	Sn	120	-0.000938	mg/L	443.06	0.000	203.930
	Sb	121	-0.002608	mg/L	301.67	0.000	67.442
	Sb	123	-0.001752	mg/L	242.19	0.000	34.338
	Ba	135	0.143931	mg/L	35762.93	0.018	16.174

	Ba	137	0.144976	mg/L	61724.79	0.031	11.693
>	Tb	159		mg/L	2009555.95	2009555.948	8.062
>	Ho	165		mg/L	2032108.93	2032108.930	7.789
	Hg	202	0.051215	mg/L	73.67	0.000	36.817
	Tl	203	-0.000692	mg/L	346.68	-0.001	2.570
	Tl	205	-0.001962	mg/L	819.38	-0.002	2.257
	Pb	208	-0.000113	mg/L	8005.48	0.000	89.924
	Bi	209	-0.001069	mg/L	167.34	-0.000	13.830
	Th	232	0.002013	mg/L	577.69	-0.001	4.229
	U	238	-0.000203	mg/L	1065.07	0.000	10.148

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-47RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:07:50
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-47RE2.113
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 108

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	181394.35	181394.346	6.342
	Be	9	0.001117	mg/L	54.67	0.000	16.916
	B	11	0.105818	mg/L	8336.24	0.025	19.542
	Na	23	146.355598	mg/L	71215451.66	127.473	3.096
	Mg	24	90.219913	mg/L	28406175.83	50.923	3.902
	Al	27	0.332746	mg/L	198237.27	0.284	13.322
	Si	28	22.248962	mg/L	5491620.89	9.777	9.686
	K	39	2.062086	mg/L	2912524.97	3.372	7.500
	Ca	44	53.091782	mg/L	1478423.66	2.478	1.929
>	Sc	45		mg/L	558289.97	558289.973	4.533
	Ti	47	0.001203	mg/L	1335.78	0.000	107.991
	V	51	0.021378	mg/L	-13639.53	0.024	5.295
	Cr	52	-0.008766	mg/L	11480.72	-0.009	21.177
	Mn	55	2.286018	mg/L	3213412.81	5.747	1.149
	Fe	57	85.351524	mg/L	3063823.04	5.465	3.193
	Ni	58	0.862703	mg/L	594340.41	1.784	4.267
	Co	59	0.210864	mg/L	273125.68	0.827	6.188
	Ni	60	0.253588	mg/L	70742.65	0.214	6.254
	Ni	62	0.279560	mg/L	12074.14	0.036	0.814
	Cu	63	0.000436	mg/L	1744.85	0.003	6.057
	Cu	65	0.002339	mg/L	1384.12	0.003	6.262
	Zn	66	0.206223	mg/L	44598.59	0.121	3.180
	Zn	68	0.206582	mg/L	31574.77	0.084	4.201
	Ga	69	-0.000749	mg/L	2467.69	-0.001	26.160
>	Ge	72		mg/L	330132.29	330132.286	3.240
	As	75	0.006947	mg/L	973.85	0.005	8.646
	Se	77	-0.347411	mg/L	1634.50	-0.010	2.374
	Se	82	0.005107	mg/L	56.77	0.000	16.008
	Sr	88	0.252578	mg/L	543139.84	0.424	6.146
>	Y	89		mg/L	1272875.59	1272875.593	1.948
	Mo	95	0.003195	mg/L	1122.42	0.001	23.958
	Mo	98	0.003689	mg/L	1860.51	0.001	21.831
>	Rh	103		mg/L	1128866.34	1128866.336	4.420
	Ag	107	-0.000473	mg/L	91.67	0.000	167.910
	Ag	109	-0.000230	mg/L	54.67	-0.000	399.885
	Cd	111	0.000250	mg/L	155.00	0.000	17.026
	Cd	114	0.000677	mg/L	367.39	0.000	11.521
>	In	115		mg/L	1358737.51	1358737.509	2.873
	Sn	118	-0.000677	mg/L	292.01	0.000	60.488
	Sn	120	-0.000951	mg/L	387.43	0.000	81.807
	Sb	121	-0.002582	mg/L	291.01	0.000	33.523
	Sb	123	-0.001754	mg/L	214.86	0.000	24.871
	Ba	135	0.021442	mg/L	5035.11	0.003	0.942

	Ba	137	0.021136	mg/L	8662.60	0.005	5.686
>	Tb	159		mg/L	1837390.39	1837390.387	3.100
>	Ho	165		mg/L	1780240.53	1780240.529	6.221
	Hg	202	0.034463	mg/L	57.33	0.000	38.478
	Tl	203	-0.000545	mg/L	432.35	-0.001	2.569
	Tl	205	-0.001812	mg/L	1013.07	-0.002	2.731
	Pb	208	-0.000220	mg/L	6727.37	0.000	171.636
	Bi	209	-0.001061	mg/L	165.00	-0.000	8.495
	Th	232	0.002154	mg/L	938.39	-0.000	17.105
	U	238	-0.000369	mg/L	407.35	0.000	19.771

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-48RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:12:57
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-48RE2.114
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 109

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	184848.73	184848.734	3.125
	Be	9	0.000937	mg/L	48.67	0.000	5.925
	B	11	0.110963	mg/L	8735.96	0.026	15.902
	Na	23	140.228420	mg/L	71570151.19	122.137	4.257
	Mg	24	84.156298	mg/L	27769736.65	47.500	10.605
	Al	27	0.348691	mg/L	216095.35	0.297	11.367
	Si	28	20.600373	mg/L	5357438.55	9.065	5.501
	K	39	1.896244	mg/L	2915523.67	3.122	2.394
	Ca	44	52.142342	mg/L	1528035.49	2.434	2.993
>	Sc	45		mg/L	586258.93	586258.925	4.306
	Ti	47	0.000196	mg/L	1323.11	-0.000	6082.208
	V	51	0.025667	mg/L	-9625.89	0.032	8.683
	Cr	52	-0.010031	mg/L	10897.97	-0.011	9.424
	Mn	55	2.208737	mg/L	3261985.78	5.553	2.840
	Fe	57	82.321617	mg/L	3099615.02	5.271	2.046
	Ni	58	0.812571	mg/L	586798.79	1.680	9.206
	Co	59	0.195906	mg/L	265311.10	0.768	15.102
	Ni	60	0.237420	mg/L	69402.92	0.200	7.497
	Ni	62	0.269881	mg/L	12240.71	0.035	2.822
	Cu	63	0.000309	mg/L	1742.52	0.003	7.012
	Cu	65	0.001897	mg/L	1301.44	0.003	5.743
	Zn	66	0.170012	mg/L	39487.10	0.100	8.716
	Zn	68	0.163661	mg/L	27128.80	0.067	11.115
	Ga	69	-0.001020	mg/L	2256.30	-0.002	24.467
>	Ge	72		mg/L	346267.14	346267.142	3.833
	As	75	0.006884	mg/L	1000.06	0.005	11.805
	Se	77	-0.372590	mg/L	1419.46	-0.010	1.070
	Se	82	0.006225	mg/L	78.92	0.000	20.486
	Sr	88	0.238625	mg/L	524656.06	0.401	5.492
>	Y	89		mg/L	1302740.35	1302740.352	2.028
	Mo	95	0.002185	mg/L	783.71	0.001	10.574
	Mo	98	0.002405	mg/L	1140.74	0.001	11.997
>	Rh	103		mg/L	1119200.14	1119200.140	7.255
	Ag	107	-0.000475	mg/L	88.00	0.000	163.453
	Ag	109	-0.000232	mg/L	52.67	-0.000	220.827
	Cd	111	0.000332	mg/L	172.34	0.000	21.328
	Cd	114	0.000789	mg/L	424.24	0.000	30.274
>	In	115		mg/L	1398523.84	1398523.839	3.369
	Sn	118	-0.000754	mg/L	248.67	-0.000	121.303
	Sn	120	-0.000968	mg/L	382.75	0.000	446.298
	Sb	121	-0.002645	mg/L	249.01	0.000	105.532
	Sb	123	-0.001792	mg/L	196.40	0.000	118.896
	Ba	135	0.019828	mg/L	4986.75	0.002	10.342

	Ba	137	0.019060	mg/L	8380.38	0.004	15.903
>	Tb	159		mg/L	1974242.53	1974242.531	9.059
>	Ho	165		mg/L	1852517.24	1852517.240	4.621
	Hg	202	0.013580	mg/L	50.33	0.000	116.852
	Tl	203	-0.000569	mg/L	426.35	-0.001	5.894
	Tl	205	-0.001827	mg/L	1022.07	-0.002	4.724
	Pb	208	-0.000527	mg/L	6123.20	-0.000	50.084
	Bi	209	-0.001070	mg/L	150.34	-0.000	3.851
	Th	232	0.002087	mg/L	759.71	-0.000	18.424
	U	238	-0.000355	mg/L	470.68	0.000	8.207

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-49RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:18:04
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-49RE2.115
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 2
Diluted To Volume (mL): 10.00
Autosampler Position: 110

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	180380.66	180380.659	4.715
	Be	9	0.000145	mg/L	16.67	0.000	38.361
	B	11	0.200944	mg/L	12265.07	0.047	12.799
	Na	23	S	mg/L	S	S	S
	Mg	24	52.750184	mg/L	17003689.01	29.774	9.586
	Al	27	0.379097	mg/L	224989.36	0.322	18.051
	Si	28	19.904836	mg/L	5042803.91	8.764	14.491
	K	39	6.859224	mg/L	7107639.87	10.584	8.786
	Ca	44	32.111675	mg/L	957784.56	1.501	1.499
>	Sc	45		mg/L	573495.41	573495.409	6.962
	Ti	47	-0.000580	mg/L	1238.10	-0.000	83.963
	V	51	0.025087	mg/L	-10131.72	0.031	7.299
	Cr	52	-0.009881	mg/L	10754.14	-0.011	20.628
	Mn	55	4.602125	mg/L	6643431.47	11.569	4.211
	Fe	57	170.297128	mg/L	6265457.51	10.902	2.601
	Ni	58	1.171508	mg/L	833965.27	2.423	2.882
	Co	59	-0.000179	mg/L	607.36	0.001	9.796
	Ni	60	-0.000346	mg/L	492.35	0.001	12.654
	Ni	62	0.045075	mg/L	2213.30	0.006	21.313
	Cu	63	0.003636	mg/L	4006.59	0.010	9.086
	Cu	65	0.001041	mg/L	999.40	0.002	11.402
	Zn	66	0.000499	mg/L	5537.41	0.002	6.907
	Zn	68	-0.001755	mg/L	4230.70	0.001	88.232
	Ga	69	0.000250	mg/L	3741.48	0.002	28.620
>	Ge	72		mg/L	341884.60	341884.603	1.957
	As	75	0.007735	mg/L	1173.20	0.006	8.172
	Se	77	-0.363484	mg/L	1506.81	-0.010	1.730
	Se	82	0.011106	mg/L	158.85	0.000	9.081
	Sr	88	0.259617	mg/L	541601.02	0.436	6.662
>	Y	89		mg/L	1235119.47	1235119.467	3.969
	Mo	95	0.001964	mg/L	668.70	0.000	16.359
	Mo	98	0.002259	mg/L	1001.99	0.001	14.116
>	Rh	103		mg/L	1079074.21	1079074.208	5.205
	Ag	107	-0.000459	mg/L	99.00	0.000	54.227
	Ag	109	-0.000221	mg/L	60.33	0.000	33.503
	Cd	111	-0.000164	mg/L	54.33	-0.000	455.628
	Cd	114	0.000262	mg/L	126.23	-0.000	44.965
>	In	115		mg/L	1368202.34	1368202.338	4.031
	Sn	118	-0.000708	mg/L	273.01	0.000	536.897
	Sn	120	-0.000989	mg/L	354.12	-0.000	717.500
	Sb	121	-0.002674	mg/L	221.67	-0.000	1509.196
	Sb	123	-0.001799	mg/L	188.45	0.000	23.896
	Ba	135	0.081647	mg/L	19689.16	0.010	9.947

	Ba	137	0.081996	mg/L	33836.92	0.017	13.071
>	Tb	159		mg/L	1941668.41	1941668.412	11.403
>	Ho	165		mg/L	1832462.25	1832462.249	7.817
	Hg	202	0.072414	mg/L	76.00	0.000	27.481
	Tl	203	-0.000701	mg/L	304.34	-0.001	3.679
	Tl	205	-0.001967	mg/L	724.04	-0.002	4.491
	Pb	208	-0.000966	mg/L	4784.21	-0.001	15.781
	Bi	209	-0.001073	mg/L	142.67	-0.000	3.926
	Th	232	0.002073	mg/L	706.37	-0.000	15.657
	U	238	-0.000467	mg/L	100.33	-0.000	61.001

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:23:11
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\RINSE.116
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	186116.15	186116.148	0.987
	Be	9	0.000017	mg/L	14.67	0.000	170.323
	B	11	0.004170	mg/L	4929.39	0.005	22.165
	Na	23	0.046621	mg/L	156561.31	0.202	11.668
	Mg	24	-0.000310	mg/L	3131.91	0.001	41.349
	Al	27	-0.001237	mg/L	41056.66	-0.000	10722.288
	Si	28	-0.072309	mg/L	54250.96	0.008	21.489
	K	39	0.065988	mg/L	1484378.60	0.768	8.289
	Ca	44	0.035255	mg/L	103733.02	0.013	29.392
>	Sc	45		mg/L	566622.33	566622.327	2.330
	Ti	47	-0.000775	mg/L	979.06	-0.001	20.076
	V	51	0.006256	mg/L	-3433.73	0.042	14.274
	Cr	52	-0.002249	mg/L	9468.69	-0.013	3.232
	Mn	55	-0.000088	mg/L	3721.86	-0.000	1303.436
	Fe	57	0.006487	mg/L	12123.20	0.003	7.800
	Ni	58	-0.000059	mg/L	6023.73	-0.000	1366.054
	Co	59	0.000010	mg/L	924.06	0.002	5.414
	Ni	60	-0.000205	mg/L	301.67	0.000	24.943
	Ni	62	0.000494	mg/L	341.68	0.000	49.542
	Cu	63	-0.000203	mg/L	821.71	0.001	42.547
	Cu	65	-0.000090	mg/L	507.35	0.000	35.629
	Zn	66	-0.000891	mg/L	4608.55	-0.000	371.871
	Zn	68	-0.001425	mg/L	3531.06	-0.001	124.135
	Ga	69	-0.000355	mg/L	1349.11	-0.005	8.270
>	Ge	72		mg/L	347099.17	347099.166	5.495
	As	75	0.000844	mg/L	424.53	0.004	10.414
	Se	77	-0.087142	mg/L	681.37	-0.013	1.011
	Se	82	0.000085	mg/L	-26.57	0.000	91.173
	Sr	88	-0.000117	mg/L	2758.78	-0.000	410.499
>	Y	89		mg/L	1288169.79	1288169.791	5.261
	Mo	95	0.000235	mg/L	410.01	0.000	21.837
	Mo	98	0.000321	mg/L	651.43	0.000	25.705
>	Rh	103		mg/L	1127281.23	1127281.232	6.358
	Ag	107	-0.000099	mg/L	73.00	-0.000	23.866
	Ag	109	-0.000048	mg/L	44.67	-0.000	57.635
	Cd	111	-0.000033	mg/L	56.00	-0.000	391.732
	Cd	114	0.000050	mg/L	124.61	-0.000	28.406
>	In	115		mg/L	1380463.21	1380463.209	7.724
	Sn	118	-0.000151	mg/L	246.67	-0.000	85.852
	Sn	120	-0.000194	mg/L	375.81	0.000	288.919
	Sb	121	-0.000540	mg/L	202.34	-0.000	133.721
	Sb	123	-0.000371	mg/L	155.70	-0.000	205.883
	Ba	135	0.000024	mg/L	188.67	-0.000	141.412

	Ba	137	-0.000089	mg/L	314.20	0.000	2369.967
>	Tb	159		mg/L	2062212.43	2062212.430	12.927
>	Ho	165		mg/L	1871660.65	1871660.653	4.251
	Hg	202	-0.001348	mg/L	41.33	-0.000	94.853
	Tl	203	-0.000030	mg/L	812.04	-0.000	12.675
	Tl	205	-0.000275	mg/L	1965.90	-0.001	12.288
	Pb	208	0.000233	mg/L	11218.98	0.002	64.296
	Bi	209	-0.000218	mg/L	109.34	-0.000	6.070
	Th	232	0.000392	mg/L	350.68	-0.001	4.920
	U	238	-0.000095	mg/L	73.00	-0.000	24.957

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCVA
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:28:15
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-CCVA.117
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	175928.64	175928.644	4.841
	Be	9	0.036982	mg/L	7045.47	0.040	2.956
	B	11	0.039626	mg/L	11864.19	0.046	6.482
	Na	23	0.463521	mg/L	1119386.64	2.018	2.957
	Mg	24	0.442464	mg/L	672016.74	1.251	3.482
	Al	27	0.204979	mg/L	500438.07	0.863	2.256
	Si	28	-0.031336	mg/L	98397.44	0.096	17.593
	K	39	0.502535	mg/L	3151701.23	4.049	12.547
	Ca	44	0.548298	mg/L	161762.10	0.132	8.380
>	Sc	45		mg/L	535067.27	535067.269	3.413
	Ti	47	0.038977	mg/L	14884.05	0.026	6.027
	V	51	0.042166	mg/L	175647.00	0.377	3.336
	Cr	52	0.038456	mg/L	179359.98	0.306	12.186
	Mn	55	0.038835	mg/L	264804.28	0.489	7.512
	Fe	57	0.175484	mg/L	40393.71	0.057	1.008
	Ni	58	0.040063	mg/L	130177.59	0.415	13.622
	Co	59	0.038678	mg/L	228849.07	0.758	10.432
	Ni	60	0.039126	mg/L	50155.65	0.165	3.023
	Ni	62	0.039467	mg/L	7884.84	0.025	2.537
	Cu	63	0.038760	mg/L	119061.42	0.392	3.656
	Cu	65	0.039477	mg/L	58845.91	0.194	9.761
	Zn	66	0.039696	mg/L	39380.50	0.117	14.443
	Zn	68	0.040912	mg/L	28605.28	0.083	12.068
	Ga	69	0.040755	mg/L	217734.51	0.711	3.688
>	Ge	72		mg/L	302999.32	302999.317	6.988
	As	75	0.039893	mg/L	37543.55	0.126	3.363
	Se	77	0.013045	mg/L	5696.18	0.004	40.072
	Se	82	0.041136	mg/L	3152.16	0.003	13.781
	Sr	88	0.041383	mg/L	386741.48	0.348	4.573
>	Y	89		mg/L	1107339.73	1107339.726	5.863
	Mo	95	0.041264	mg/L	63985.16	0.058	1.850
	Mo	98	0.042265	mg/L	106966.01	0.097	7.211
>	Rh	103		mg/L	1058948.68	1058948.685	5.076
	Ag	107	0.021189	mg/L	90502.22	0.086	8.206
	Ag	109	0.021223	mg/L	87062.09	0.082	12.703
	Cd	111	0.039272	mg/L	43762.54	0.041	11.291
	Cd	114	0.039873	mg/L	106049.49	0.100	2.305
>	In	115		mg/L	1292875.58	1292875.577	7.142
	Sn	118	0.041402	mg/L	131673.92	0.102	0.608
	Sn	120	0.042076	mg/L	182136.10	0.141	7.290
	Sb	121	0.042052	mg/L	156584.77	0.122	13.298
	Sb	123	0.041739	mg/L	123564.18	0.096	12.071
	Ba	135	0.041623	mg/L	43913.19	0.026	9.964

	Ba	137	0.043877	mg/L	79033.34	0.046	9.196
>	Tb	159		mg/L	1698369.38	1698369.377	3.865
>	Ho	165		mg/L	1708962.25	1708962.253	0.592
	Hg	202	0.010579	mg/L	63.00	0.000	20.626
	Tl	203	0.042860	mg/L	178670.59	0.104	6.431
	Tl	205	0.043777	mg/L	418026.76	0.242	1.249
	Pb	208	0.042757	mg/L	580122.84	0.336	3.579
	Bi	209	0.043836	mg/L	489630.50	0.286	5.201
	Th	232	0.039315	mg/L	576951.47	0.337	4.859
	U	238	0.037857	mg/L	578951.01	0.339	1.852

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCBA
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:33:19
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-CCBA.118
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	179481.87	179481.870	5.105
	Be	9	0.000022	mg/L	15.00	0.000	121.699
	B	11	0.003017	mg/L	4507.50	0.004	29.716
	Na	23	0.030520	mg/L	106951.78	0.132	9.133
	Mg	24	-0.000464	mg/L	2642.41	0.001	32.622
	Al	27	-0.000667	mg/L	38834.88	0.002	285.655
	Si	28	-0.071054	mg/L	51012.37	0.011	95.667
	K	39	0.084134	mg/L	1429963.60	0.904	22.429
	Ca	44	0.186560	mg/L	113237.71	0.048	33.459
>	Sc	45		mg/L	520487.98	520487.976	6.894
	Ti	47	-0.000052	mg/L	1141.08	-0.000	309.660
	V	51	0.002406	mg/L	-21691.47	0.007	63.498
	Cr	52	-0.000742	mg/L	14766.49	-0.001	326.952
	Mn	55	-0.000332	mg/L	1799.20	-0.003	11.424
	Fe	57	0.007928	mg/L	11348.86	0.004	32.261
	Ni	58	0.000191	mg/L	6293.58	0.002	73.708
	Co	59	-0.000077	mg/L	307.67	0.000	20.338
	Ni	60	-0.000200	mg/L	280.34	0.000	71.739
	Ni	62	-0.000001	mg/L	210.67	0.000	51.460
	Cu	63	-0.000243	mg/L	620.03	0.000	60.474
	Cu	65	-0.000093	mg/L	455.35	0.000	28.336
	Zn	66	-0.000930	mg/L	4149.66	-0.001	295.745
	Zn	68	-0.001052	mg/L	3450.36	-0.000	155.897
	Ga	69	-0.000156	mg/L	2313.65	-0.001	28.099
>	Ge	72		mg/L	315114.95	315114.952	5.064
	As	75	0.000801	mg/L	366.26	0.003	68.362
	Se	77	-0.028090	mg/L	3748.14	-0.003	48.839
	Se	82	0.000438	mg/L	3.88	0.000	20.377
	Sr	88	-0.000112	mg/L	2532.04	-0.000	3037.915
>	Y	89		mg/L	1157807.17	1157807.165	5.690
	Mo	95	0.000404	mg/L	639.36	0.000	20.342
	Mo	98	0.000494	mg/L	1040.03	0.001	24.878
>	Rh	103		mg/L	1050305.83	1050305.826	0.916
	Ag	107	-0.000046	mg/L	289.01	0.000	68.241
	Ag	109	0.000006	mg/L	261.67	0.000	62.269
	Cd	111	-0.000031	mg/L	55.00	0.000	629.644
	Cd	114	0.000058	mg/L	138.37	-0.000	72.548
>	In	115		mg/L	1244597.69	1244597.693	6.726
	Sn	118	-0.000051	mg/L	524.69	0.000	8.860
	Sn	120	-0.000101	mg/L	723.43	0.000	28.021
	Sb	121	0.001761	mg/L	8320.96	0.007	21.036
	Sb	123	0.001841	mg/L	6394.34	0.005	20.333
	Ba	135	0.000028	mg/L	165.67	-0.000	165.332

	Ba	137	-0.000083	mg/L	281.96	0.000	178.916
>	Tb	159		mg/L	1742158.52	1742158.522	1.421
>	Ho	165		mg/L	1705813.39	1705813.391	5.222
	Hg	202	0.005770	mg/L	52.67	0.000	26.754
	Tl	203	-0.000135	mg/L	307.01	-0.001	0.615
	Tl	205	-0.000393	mg/L	684.03	-0.002	1.428
	Pb	208	-0.000407	mg/L	1599.74	-0.003	2.208
	Bi	209	-0.000152	mg/L	823.38	0.000	42.102
	Th	232	0.000875	mg/L	7469.88	0.004	21.161
	U	238	-0.000088	mg/L	176.00	0.000	19.012

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: 11C1255-19RE2
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:38:25
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\11C1255-19RE2.119
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 111

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	183705.33	183705.332	4.963
	Be	9	0.000017	mg/L	14.67	0.000	358.792
	B	11	1.175090	mg/L	252980.61	1.360	10.877
	Na	23	88.803837	mg/L	199697870.58	386.735	2.008
	Mg	24	0.845242	mg/L	1232300.21	2.387	5.490
	Al	27	0.303262	mg/L	692200.10	1.274	11.361
	Si	28	7.488532	mg/L	8431560.37	16.342	13.662
	K	39	47.908055	mg/L	186189280.20	360.404	11.053
	Ca	44	12.084179	mg/L	1540990.57	2.820	5.852
>	Sc	45		mg/L	516569.38	516569.384	7.212
	Ti	47	0.002826	mg/L	2103.93	0.002	17.824
	V	51	0.006841	mg/L	-233.68	0.048	8.131
	Cr	52	0.001823	mg/L	24977.34	0.019	36.350
	Mn	55	0.000788	mg/L	9052.60	0.011	5.863
	Fe	57	0.058595	mg/L	19645.77	0.020	4.301
	Ni	58	0.002718	mg/L	14528.76	0.029	17.193
	Co	59	0.000128	mg/L	1570.15	0.004	2.273
	Ni	60	0.002406	mg/L	3734.81	0.011	5.906
	Ni	62	0.015016	mg/L	3275.64	0.010	19.911
	Cu	63	0.001805	mg/L	7100.51	0.021	8.259
	Cu	65	0.001544	mg/L	2979.19	0.008	11.398
	Zn	66	0.006409	mg/L	10845.91	0.021	15.130
	Zn	68	0.007535	mg/L	8877.76	0.017	8.144
	Ga	69	0.001663	mg/L	12336.17	0.031	3.168
>	Ge	72		mg/L	315978.22	315978.219	5.519
	As	75	0.003032	mg/L	2604.10	0.010	41.240
	Se	77	0.101758	mg/L	10647.71	0.019	24.399
	Se	82	0.000857	mg/L	37.53	0.000	32.530
	Sr	88	0.139652	mg/L	1370036.06	1.171	1.666
>	Y	89		mg/L	1168218.00	1168217.997	6.398
	Mo	95	0.462075	mg/L	753598.60	0.647	8.000
	Mo	98	0.448906	mg/L	1196875.32	1.031	14.667
>	Rh	103		mg/L	1020140.49	1020140.488	1.147
	Ag	107	-0.000063	mg/L	210.00	0.000	24.041
	Ag	109	-0.000015	mg/L	172.00	0.000	25.260
	Cd	111	0.001123	mg/L	1293.11	0.001	5.428
	Cd	114	0.000896	mg/L	2282.87	0.002	11.227
>	In	115		mg/L	1220075.91	1220075.915	5.076
	Sn	118	0.000985	mg/L	3601.08	0.003	6.916
	Sn	120	0.000966	mg/L	5036.48	0.004	12.724
	Sb	121	0.000960	mg/L	5395.99	0.004	8.340
	Sb	123	0.001073	mg/L	4152.97	0.003	2.756
	Ba	135	0.033758	mg/L	36370.42	0.021	7.381

	Ba	137	0.034308	mg/L	63186.98	0.036	4.786
>	Tb	159		mg/L	1730973.30	1730973.305	2.881
>	Ho	165		mg/L	1674933.75	1674933.745	5.096
	Hg	202	1.360685	mg/L	2863.48	0.002	3.881
	Tl	203	-0.000155	mg/L	222.00	-0.001	0.916
	Tl	205	-0.000418	mg/L	437.35	-0.002	0.569
	Pb	208	0.004313	mg/L	63497.50	0.034	4.530
	Bi	209	-0.000025	mg/L	2218.67	0.001	52.736
	Th	232	0.000834	mg/L	6736.27	0.003	20.344
	U	238	-0.000092	mg/L	106.00	0.000	168.467

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: RINSE
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:43:31
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\RINSE.120
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 0

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	173947.08	173947.077	2.406
	Be	9	0.000032	mg/L	16.67	0.000	27.899
	B	11	0.025796	mg/L	8948.54	0.030	24.935
	Na	23	0.019280	mg/L	84635.08	0.083	7.631
	Mg	24	-0.000545	mg/L	2618.40	0.000	65.982
	Al	27	-0.000126	mg/L	41569.65	0.005	175.192
	Si	28	-0.070453	mg/L	53780.81	0.012	63.526
	K	39	0.070265	mg/L	1430802.89	0.800	7.700
	Ca	44	0.173738	mg/L	116115.47	0.045	28.706
>	Sc	45		mg/L	539630.46	539630.462	2.575
	Ti	47	-0.000222	mg/L	1126.41	-0.000	122.860
	V	51	0.004766	mg/L	-10676.09	0.029	27.502
	Cr	52	-0.001525	mg/L	12071.49	-0.007	27.431
	Mn	55	0.001110	mg/L	11656.39	0.015	45.147
	Fe	57	0.007981	mg/L	11806.12	0.004	8.075
	Ni	58	0.000502	mg/L	7459.14	0.006	13.912
	Co	59	-0.000004	mg/L	769.71	0.002	8.891
	Ni	60	-0.000207	mg/L	277.01	0.000	34.323
	Ni	62	0.000008	mg/L	216.34	0.000	59.341
	Cu	63	-0.000253	mg/L	598.69	-0.000	14858.577
	Cu	65	-0.000088	mg/L	473.02	0.000	19.530
	Zn	66	-0.000599	mg/L	4548.85	0.000	145.831
	Zn	68	-0.000903	mg/L	3615.76	-0.000	536.105
	Ga	69	-0.000186	mg/L	2192.29	-0.002	64.085
>	Ge	72		mg/L	320921.25	320921.251	0.753
	As	75	0.000787	mg/L	335.21	0.003	3.541
	Se	77	-0.075662	mg/L	1253.10	-0.011	6.371
	Se	82	0.000056	mg/L	-28.21	0.000	171.210
	Sr	88	-0.000103	mg/L	2740.11	0.000	150.640
>	Y	89		mg/L	1206507.97	1206507.968	2.099
	Mo	95	0.001339	mg/L	2251.64	0.002	22.114
	Mo	98	0.001378	mg/L	3545.08	0.003	21.249
>	Rh	103		mg/L	1104904.16	1104904.162	6.578
	Ag	107	-0.000099	mg/L	67.67	-0.000	39.876
	Ag	109	-0.000046	mg/L	54.67	-0.000	337.761
	Cd	111	-0.000033	mg/L	54.67	-0.000	614.267
	Cd	114	0.000055	mg/L	137.15	-0.000	49.717
>	In	115		mg/L	1330667.69	1330667.687	0.561
	Sn	118	-0.000135	mg/L	288.34	0.000	60.041
	Sn	120	-0.000181	mg/L	418.11	0.000	75.113
	Sb	121	-0.000400	mg/L	726.70	0.000	5.614
	Sb	123	-0.000244	mg/L	534.63	0.000	20.799
	Ba	135	0.000042	mg/L	184.67	0.000	329.816

	Ba	137	-0.000074	mg/L	303.27	0.000	79.996
>	Tb	159		mg/L	1781241.22	1781241.219	6.144
>	Ho	165		mg/L	1736399.59	1736399.585	6.383
	Hg	202	0.010784	mg/L	64.33	0.000	71.716
	Tl	203	-0.000075	mg/L	560.69	-0.001	10.366
	Tl	205	-0.000333	mg/L	1269.10	-0.001	9.875
	Pb	208	0.000577	mg/L	15046.74	0.005	14.276
	Bi	209	-0.000213	mg/L	157.67	-0.000	14.186
	Th	232	0.000404	mg/L	506.02	-0.001	4.033
	U	238	-0.000094	mg/L	92.67	-0.000	140.245

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCVB
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:48:35
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-CCVB.121
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 2

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	191717.90	191717.896	3.022
	Be	9	0.040025	mg/L	8298.88	0.043	7.445
	B	11	0.048527	mg/L	14887.74	0.056	17.115
	Na	23	0.442773	mg/L	1171417.44	1.928	1.132
	Mg	24	0.445947	mg/L	738413.28	1.260	7.676
	Al	27	0.210444	mg/L	558741.24	0.886	12.850
	Si	28	-0.030663	mg/L	108389.87	0.098	16.406
	K	39	0.496881	mg/L	3424184.96	4.007	6.679
	Ca	44	0.521886	mg/L	173290.07	0.126	8.255
>	Sc	45		mg/L	585310.05	585310.045	5.125
	Ti	47	0.039620	mg/L	16471.07	0.026	7.129
	V	51	0.038316	mg/L	169692.60	0.341	19.860
	Cr	52	0.040015	mg/L	203149.65	0.319	11.154
	Mn	55	0.042001	mg/L	313600.31	0.529	2.997
	Fe	57	0.182615	mg/L	45517.66	0.060	0.705
	Ni	58	0.039849	mg/L	147341.00	0.412	1.316
	Co	59	0.038131	mg/L	256380.53	0.747	9.341
	Ni	60	0.039464	mg/L	57279.55	0.166	7.862
	Ni	62	0.041389	mg/L	9338.23	0.027	3.381
	Cu	63	0.040832	mg/L	141984.23	0.413	6.801
	Cu	65	0.039517	mg/L	66913.69	0.194	6.313
	Zn	66	0.039355	mg/L	44441.48	0.116	1.313
	Zn	68	0.039572	mg/L	31587.64	0.081	8.592
	Ga	69	0.040352	mg/L	244254.16	0.704	7.284
>	Ge	72		mg/L	342647.10	342647.100	0.555
	As	75	0.040539	mg/L	43218.50	0.128	4.029
	Se	77	0.047867	mg/L	8483.71	0.010	10.573
	Se	82	0.040374	mg/L	3614.98	0.003	0.377
	Sr	88	0.040081	mg/L	436761.30	0.337	8.741
>	Y	89		mg/L	1286987.59	1286987.588	3.234
	Mo	95	0.042423	mg/L	76356.47	0.059	9.055
	Mo	98	0.041680	mg/L	122672.09	0.095	10.159
>	Rh	103		mg/L	1155906.00	1155906.004	6.395
	Ag	107	0.021447	mg/L	100219.75	0.087	3.891
	Ag	109	0.022123	mg/L	99155.77	0.086	7.041
	Cd	111	0.042321	mg/L	51361.07	0.045	13.327
	Cd	114	0.042007	mg/L	121348.29	0.105	13.499
>	In	115		mg/L	1441458.87	1441458.867	2.295
	Sn	118	0.041837	mg/L	148365.34	0.103	6.836
	Sn	120	0.042587	mg/L	206175.45	0.143	8.742
	Sb	121	0.043744	mg/L	182806.43	0.127	5.749
	Sb	123	0.044431	mg/L	147462.52	0.102	6.320
	Ba	135	0.042259	mg/L	50828.89	0.026	2.653

	Ba	137	0.042029	mg/L	86188.34	0.045	8.956
>	Tb	159		mg/L	1932545.13	1932545.128	3.488
>	Ho	165		mg/L	1988751.88	1988751.879	9.097
	Hg	202	0.010467	mg/L	72.33	0.000	55.515
	Tl	203	0.041158	mg/L	197980.34	0.100	14.111
	Tl	205	0.041962	mg/L	462309.92	0.232	15.317
	Pb	208	0.042534	mg/L	669852.28	0.334	5.190
	Bi	209	0.042508	mg/L	550422.27	0.278	6.300
	Th	232	0.037692	mg/L	638291.84	0.323	13.396
	U	238	0.036882	mg/L	650331.79	0.330	16.031

Quantitative Analysis - Summary Report: Method 200.8 / 6020

Sample ID: SEQ-CCBB
Sample Description:
Batch ID:
Sample Date/Time: Tuesday, April 12, 2011 20:53:39
Sample File: C:\Elandata\Sample\110412A.sam
Method File: C:\Elandata\Method_dept40_wholelist_is_5std.mth
Dataset File: C:\Elandata\Dataset\110412A_PBK\SEQ-CCBB.122
Number of Replicates: 3
Sample Prep Volume (mL):
Initial Sample Quantity (mg):
Aliquot Volume (mL): 1
Diluted To Volume (mL): 1.00
Autosampler Position: 1

Concentration Results

	Analyte	Mass	Conc. Mean	Report Unit	Meas. Intens. Mean	Net Intens. Mean	Net Intens. RSD
>	Li	6		mg/L	193352.61	193352.608	4.318
	Be	9	0.000034	mg/L	18.67	0.000	145.090
	B	11	0.007265	mg/L	5819.60	0.008	17.810
	Na	23	0.013952	mg/L	80829.24	0.060	5.983
	Mg	24	-0.000514	mg/L	2993.52	0.001	20.317
	Al	27	-0.001029	mg/L	44390.68	0.001	95.010
	Si	28	-0.074721	mg/L	54703.65	0.003	163.436
	K	39	0.032750	mg/L	1431294.94	0.518	28.386
	Ca	44	0.064396	mg/L	114702.37	0.020	43.255
>	Sc	45		mg/L	604989.73	604989.727	4.631
	Ti	47	-0.000247	mg/L	1253.10	-0.000	47.874
	V	51	0.001282	mg/L	-31177.91	-0.004	697.488
	Cr	52	-0.000237	mg/L	19613.34	0.003	85.142
	Mn	55	-0.000333	mg/L	2090.59	-0.003	5.807
	Fe	57	0.005922	mg/L	12826.84	0.003	18.793
	Ni	58	0.000521	mg/L	8081.35	0.006	58.683
	Co	59	-0.000080	mg/L	314.34	0.000	43.747
	Ni	60	-0.000229	mg/L	265.01	0.000	166.378
	Ni	62	-0.000051	mg/L	220.00	0.000	58.518
	Cu	63	-0.000254	mg/L	643.70	-0.000	348.783
	Cu	65	-0.000120	mg/L	454.68	0.000	68.525
	Zn	66	-0.000695	mg/L	4795.31	0.000	1148.881
	Zn	68	-0.000939	mg/L	3865.86	-0.000	540.036
	Ga	69	-0.000107	mg/L	2843.47	-0.000	224.871
>	Ge	72		mg/L	347438.30	347438.302	8.305
	As	75	-0.000001	mg/L	-458.99	0.001	230.806
	Se	77	0.002063	mg/L	5885.96	0.003	63.459
	Se	82	-0.000016	mg/L	-36.99	0.000	77.208
	Sr	88	-0.000106	mg/L	2900.83	0.000	73.033
>	Y	89		mg/L	1294647.45	1294647.455	9.160
	Mo	95	0.000524	mg/L	940.39	0.001	8.990
	Mo	98	0.000619	mg/L	1546.07	0.001	1.782
>	Rh	103		mg/L	1216643.80	1216643.802	5.692
	Ag	107	-0.000049	mg/L	325.34	0.000	55.611
	Ag	109	0.000005	mg/L	303.01	0.000	53.649
	Cd	111	-0.000036	mg/L	56.67	-0.000	34.429
	Cd	114	0.000050	mg/L	134.86	-0.000	39.325
>	In	115		mg/L	1494652.44	1494652.436	6.960
	Sn	118	-0.000041	mg/L	665.70	0.000	16.131
	Sn	120	-0.000087	mg/L	934.13	0.000	26.786
	Sb	121	0.001650	mg/L	9516.51	0.006	22.274
	Sb	123	0.001778	mg/L	7455.26	0.005	20.385
	Ba	135	0.000042	mg/L	207.34	0.000	558.751

	Ba	137	-0.000079	mg/L	330.22	0.000	252.333
>	Tb	159		mg/L	2006629.73	2006629.732	7.755
>	Ho	165		mg/L	1932885.56	1932885.556	2.094
	Hg	202	0.005453	mg/L	59.00	0.000	67.226
	Tl	203	-0.000142	mg/L	317.01	-0.001	0.588
	Tl	205	-0.000401	mg/L	694.70	-0.002	1.609
	Pb	208	-0.000413	mg/L	1731.75	-0.003	0.803
	Bi	209	-0.000145	mg/L	1026.41	0.000	45.891
	Th	232	0.001082	mg/L	11919.69	0.005	16.744
	U	238	-0.000087	mg/L	216.00	0.000	17.935

Dataset Report

User Name: Elan 9000
Computer Name: D4463YH1
Dataset File Path: C:\Elandata\Dataset\110412A_PBK\
Report Date/Time: Wednesday, April 13, 2011 06:40:04

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	Blank	09:42:19 Tue 12-Apr-11	Blank	C:\Elandata\Dataset\110412A_PBK\Blank.001	
	Standard 1	09:47:24 Tue 12-Apr-11	Standard #1	C:\Elandata\Dataset\110412A_PBK\Standard 1.002	
	Standard 2	09:52:30 Tue 12-Apr-11	Standard #2	C:\Elandata\Dataset\110412A_PBK\Standard 2.003	
	Standard 3	09:57:37 Tue 12-Apr-11	Standard #3	C:\Elandata\Dataset\110412A_PBK\Standard 3.004	
	Standard 4	10:02:44 Tue 12-Apr-11	Standard #4	C:\Elandata\Dataset\110412A_PBK\Standard 4.005	
	Standard 5	10:07:52 Tue 12-Apr-11	Standard #5	C:\Elandata\Dataset\110412A_PBK\Standard 5.006	
	SEQ-ICV1	10:12:58 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-ICV1.007	
	SEQ-ICB1	10:18:02 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-ICB1.008	
	SEQ-LCV1	10:23:07 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-LCV1.009	
	SEQ-LCV2	10:28:14 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-LCV2.010	
	SEQ-SCV1	10:33:20 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-SCV1.011	
	SEQ-HCV1	10:38:25 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-HCV1.012	
	SEQ-IFA1	10:43:30 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-IFA1.013	
	SEQ-IFB1	10:52:22 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-IFB1.014	
	SEQ-ICV2	10:57:28 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-ICV2.015	
	RINSE	11:02:33 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.016	
	SEQ-CCV1	11:07:37 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCV1.017	
	SEQ-CCB1	11:12:42 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCB1.018	
	1116026-BLK1	11:17:46 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116026-BLK1.019	
	1115026-BS1	11:22:52 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1115026-BS1.020	
	11D0511-01	11:27:59 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0511-01.021	
	1116026-DUP1	11:33:08 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116026-DUP1.022	
	1116026-MS1	11:38:15 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116026-MS1.023	
	1116026-MSD1	11:43:21 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116026-MSD1.024	
	RINSE	11:48:27 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.025	
	SEQ-CCV2	11:53:31 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCV2.026	
	SEQ-CCB2	11:58:35 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCB2.027	
	1115228-BLK1	12:03:39 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1115228-BLK1.028	
	1115228-BS1	12:08:44 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1115228-BS1.029	
	11D0389-02RE1	12:16:46 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0389-02RE1.03	
	1115228-DUP1	12:21:51 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1115228-DUP1.031	
	1115228-PS1	12:26:57 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1115228-PS1.032	
	11D0389-04RE1	12:32:04 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0389-04RE1.03	
	11D0407-01RE1	12:37:11 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0407-01RE1.03	
	11D0413-02RE1	12:42:17 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0413-02RE1.03	
	11D0438-01RE1	12:47:22 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0438-01RE1.03	
	11D0449-01RE1	12:52:27 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0449-01RE1.03	
	RINSE	12:57:33 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.038	
	SEQ-CCV3	13:02:37 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCV3.039	
	SEQ-CCB3	13:07:41 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCB3.040	
	11D0453-01RE1	13:12:45 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0453-01RE1.04	
	11D0454-01RE1	13:17:52 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0454-01RE1.04	
	11D0454-03RE1	13:22:57 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0454-03RE1.04	
	RINSE	13:28:02 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.044	

SEQ-CCV4	13:33:06 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCV4.045
SEQ-CCB4	13:38:10 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCB4.046
1116056-BLK1	13:43:15 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116056-BLK1.047
1116056-BS1	13:48:21 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116056-BS1.048
11C0564-01	13:53:27 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C0564-01.049
1116056-PS1	13:58:32 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116056-PS1.050
1116056-PS2	14:03:38 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116056-PS2.051
RINSE	14:08:43 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.052
SEQ-CCV5	14:13:48 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCV5.053
SEQ-CCB5	14:18:52 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCB5.054
11D0034-01RE1	14:23:57 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0034-01RE1.05
11D0252-02RE1	14:29:04 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0252-02RE1.05
11D0255-02RE1	14:34:10 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0255-02RE1.05
11D0256-02RE1	14:39:15 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0256-02RE1.05
11D0260-02RE1	14:44:21 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0260-02RE1.05
11D0328-02RE1	14:49:27 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0328-02RE1.06
11D0331-02RE1	14:54:33 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0331-02RE1.06
11D0334-02RE1	14:59:39 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0334-02RE1.06
RINSE	15:04:45 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.063
SEQ-CCV6	15:09:49 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCV6.064
RINSE	15:44:51 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.065
SEQ-CCV6	15:49:56 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCV6.066
SEQ-CCB6	15:56:13 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCB6.067
1116027-BLK1	16:11:19 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116027-BLK1.068
1116027-BS1	16:16:25 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116027-BS1.069
11D0024-01	16:21:32 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0024-01.070
11D0403-02	16:26:39 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0403-02.071
11D0406-01	16:31:45 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0406-01.072
11D0409-01	16:36:51 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0409-01.073
11D0410-02	16:41:57 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0410-02.074
11D0411-02	16:47:03 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0411-02.075
11D0485-02	16:52:10 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0485-02.076
11D0502-01	16:57:16 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0502-01.077
RINSE	17:09:07 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.078
SEQ-CCV7	17:14:11 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCV7.079
SEQ-CCB7	17:19:15 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCB7.080
11D0502-02	17:24:20 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0502-02.081
11D0503-01	17:29:27 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0503-01.082
1116027-DUP1	17:34:33 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116027-DUP1.083
1116027-MS1	17:39:39 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116027-MS1.084
1116027-MSD1	17:44:46 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1116027-MSD1.085
11D0504-01	17:49:53 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0504-01.086
11D0505-01	17:55:01 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0505-01.087
11D0534-01	18:00:07 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0534-01.088
11D0534-02	18:05:14 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11D0534-02.089
RINSE	18:10:20 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.090
SEQ-CCV8	18:15:24 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCV8.091
SEQ-CCB8	18:20:28 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCB8.092
1115077-BLK1	18:25:33 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1115077-BLK1.093
1115077-BS1	18:30:41 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1115077-BS1.094
11C1255-01RE2	18:35:48 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-01RE2.09
11C1255-02RE2	18:40:54 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-02RE2.09
11C1255-05RE2	18:46:01 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-05RE2.09
1115077-DUP1	18:51:07 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1115077-DUP1.098
1115077-PS1	18:56:14 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\1115077-PS1.099
11C1255-06RE2	19:01:21 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-06RE2.10

11C1255-10RE2	19:06:29 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-10RE2.10
11C1255-11RE2	19:11:37 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-11RE2.10
RINSE	19:16:44 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.103
SEQ-CCV9	19:21:49 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCV9.104
SEQ-CCB9	19:26:53 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCB9.105
11C1255-12RE2	19:31:58 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-12RE2.10
11C1255-13RE2	19:37:05 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-13RE2.10
11C1255-14RE2	19:42:12 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-14RE2.10
11C1255-15RE2	19:47:20 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-15RE2.10
11C1255-20RE2	19:52:28 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-20RE2.11
11C1255-45RE2	19:57:36 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-45RE2.11
11C1255-46RE2	20:02:43 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-46RE2.11
11C1255-47RE2	20:07:50 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-47RE2.11
11C1255-48RE2	20:12:57 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-48RE2.11
11C1255-49RE2	20:18:04 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-49RE2.11
RINSE	20:23:11 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.116
SEQ-CCVA	20:28:15 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCVA.117
SEQ-CCBA	20:33:19 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCBA.118
11C1255-19RE2	20:38:25 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\11C1255-19RE2.11
RINSE	20:43:31 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\RINSE.120
SEQ-CCVB	20:48:35 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCVB.121
SEQ-CCBB	20:53:39 Tue 12-Apr-11	Sample	C:\Elandata\Dataset\110412A_PBK\SEQ-CCBB.122

Method File Name

File Name _dept40_wholelist_is_5std.mth
Path C:\Elandata\Method_dept40_wholelist_is_5std.mth

Calibration Report

Analyte	Mass	Curve Type	Slope	Intercept	Corr Coeff
Li	6.015	Simple Linear	0.000000	0.000	0.000000
Be	9.012	Simple Linear	0.001081	-0.000	0.999999
B	11.009	Simple Linear	0.001158	0.000	0.999943
Na	22.990	Simple Linear	0.004355	-0.001	0.999995
Mg	23.985	Simple Linear	0.002822	0.002	0.999962
Al	26.982	Simple Linear	0.004185	0.005	0.999935
Si	27.977	Simple Linear	0.002160	0.164	0.987575
K	38.964	Simple Linear	0.007517	0.272	0.999995
Ca	43.956	Simple Linear	0.000233	0.005	0.999992
Sc	44.956	Simple Linear	0.000000	0.000	0.000000
Ti	46.952	Simple Linear	0.000655	-0.000	0.999977
V	50.944	Simple Linear	0.009304	-0.016	0.999794
Cr	51.941	Simple Linear	0.007845	0.005	0.999975
Mn	54.938	Simple Linear	0.012568	0.001	0.999997
Fe	56.935	Simple Linear	0.000320	0.001	0.999521
Ni	57.935	Simple Linear	0.010338	0.000	0.999988
Co	58.933	Simple Linear	0.019556	0.002	0.999998
Ni	59.933	Simple Linear	0.004192	0.001	0.999995
Ni	61.928	Simple Linear	0.000642	0.000	0.999999
Cu	62.930	Simple Linear	0.010041	0.003	0.999991
Cu	64.928	Simple Linear	0.004893	0.001	0.999981
Zn	65.926	Simple Linear	0.002891	0.002	0.999768
Zn	67.925	Simple Linear	0.001999	0.002	0.999789
Ga	68.926	Simple Linear	0.017415	0.002	0.999999
Ge	71.922	Simple Linear	0.000000	0.000	0.000000
As	74.922	Simple Linear	0.003147	0.001	0.999978
Se	76.920	Simple Linear	0.000169	0.002	0.969686
Se	81.917	Simple Linear	0.000070	0.000	0.999993
Sr	87.906	Simple Linear	0.008379	0.001	0.999999
Y	88.905	Simple Linear	0.000000	0.000	0.000000
Mo	94.906	Simple Linear	0.001401	-0.000	1.000000
Mo	97.906	Simple Linear	0.002297	-0.000	0.999997
Rh	102.905	Simple Linear	0.000000	0.000	0.000000
Ag	106.905	Simple Linear	0.004022	0.000	0.999996
Ag	108.905	Simple Linear	0.003878	0.000	0.999995
Cd	110.904	Simple Linear	0.001054	0.000	0.999998
Cd	113.904	Simple Linear	0.002514	-0.000	0.999998
In	114.904	Simple Linear	0.000000	0.000	0.000000
Sn	117.902	Simple Linear	0.002447	0.000	0.999993
Sn	119.902	Simple Linear	0.003337	0.001	0.999985
Sb	120.904	Simple Linear	0.002858	0.002	0.999958
Sb	122.904	Simple Linear	0.002280	0.001	0.999984
Ba	134.906	Simple Linear	0.000621	-0.000	0.999999
Ba	136.905	Simple Linear	0.001057	0.000	1.000000
Tb	158.925	Simple Linear	0.000000	0.000	0.000000
Ho	164.930	Simple Linear	0.000000	0.000	0.000000
Hg	201.971	Simple Linear	0.000001	-0.000	0.906559

Tl	202.972	Simple Linear	0.002427	-0.000	0.999999
Tl	204.975	Simple Linear	0.005529	0.000	0.999990
Pb	207.977	Simple Linear	0.007844	0.001	0.999995
Bi	208.980	Simple Linear	0.006501	0.001	0.999993
Th	232.038	Simple Linear	0.008667	-0.004	0.999987
U	238.050	Simple Linear	0.008925	0.001	0.999989

Sequence Data

Laboratory: Microbac Laboratories, Inc., Baltimore Division

Sequence: M1D2007 **Matrix:** Solid **Department:** Metals **Instrument:** Hg

```
================================================================================
Method Name: Hg_dept40
Method Description: Hg_dept40
Element: Hg

Date: 04/19/2011
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: 110419B.SIF         Results Data Set Name: 110419B

================================================================================
Element: Hg    Seq. No.: 1        AS Loc.: 1   Date: 04/19/2011
Sample ID: Calib Blank
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
================================================================================
Method Name: Hg_dept40
Method Description: Hg_dept40
Element: Hg

Date: 04/19/2011
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: 110419B.SIF         Results Data Set Name: 110419B

================================================================================
Element: Hg    Seq. No.: 1        AS Loc.: 1   Date: 04/19/2011
Sample ID: Calib Blank
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                            0.0006   0.0033   0.0006   01:42:45  No
 2                            0.0005   0.0030   0.0005   01:43:14  No
 3                            0.0004   0.0021   0.0004   01:43:43  No
Mean:                         0.0005
SD  :                         0.0001
%RSD:                        19.5908
Auto-zero performed.

================================================================================
Element: Hg    Seq. No.: 2        AS Loc.: 2   Date: 04/19/2011
Sample ID: 0.2 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1                            0.0022   0.0110   0.0027   01:44:54  No
 2                            0.0022   0.0109   0.0027   01:45:24  No
 3                            0.0021   0.0108   0.0026   01:45:52  No
Mean:                         0.0021
SD  :                         0.0000
%RSD:                         1.2085
[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient:  1.00000              Slope: 0.01072
Intercept : 0.00000

================================================================================
Element: Hg    Seq. No.: 3        AS Loc.: 3   Date: 04/19/2011
Sample ID: 1.0 PPB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
```

1	0.0120	0.0485	0.0125	01:47:06	No
2	0.0121	0.0478	0.0126	01:47:36	No
3	0.0121	0.0489	0.0127	01:48:04	No
Mean:	0.0121				
SD :	0.0001				
%RSD:	0.6743				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99974 Slope: 0.01216
Intercept : -0.00013

==========

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 04/19/2011
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0243	0.0973	0.0248	01:49:19	No
2			0.0245	0.0962	0.0251	01:49:49	No
3			0.0246	0.0984	0.0251	01:50:18	No
Mean:			0.0245				
SD :			0.0001				
%RSD:			0.5915				

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99992 Slope: 0.01230
Intercept : -0.00017

==========

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 04/19/2011
Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0603	0.2395	0.0608	01:51:33	No
2			0.0606	0.2352	0.0611	01:52:02	No
3			0.0610	0.2390	0.0616	01:52:31	No
Mean:			0.0607				
SD :			0.0004				
%RSD:			0.6052				

[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99998 Slope: 0.01216
Intercept : -0.00008

==========

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 04/19/2011
Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1149	0.4602	0.1154	01:53:46	No
2			0.1161	0.4644	0.1166	01:54:16	No
3			0.1156	0.4622	0.1161	01:54:44	No
Mean:			0.1155				
SD :			0.0006				
%RSD:			0.5546				

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99966 Slope: 0.01160
Intercept : 0.00062

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0005	---	----	----	----
0.2 PPB	0.0021	0.200	0.132	0.0000	1.2
1.0 PPB	0.0121	1.000	0.986	0.0001	0.7
2.0 PPB	0.0245	2.000	2.057	0.0001	0.6
5.0 PPB	0.0607	5.000	5.174	0.0004	0.6
10.0 PPB	0.1155	10.000	9.904	0.0006	0.6

Correlation Coefficient: 0.99966 Slope: 0.01160 Intercept: 0.0006

```
================================================================================
Element: Hg    Seq. No.: 7        AS Loc.: 0   Date: 04/19/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.097    -0.097   -0.0005  -0.0004   0.0000   01:56:50  No
 2       -0.096    -0.096   -0.0005  -0.0003   0.0000   01:57:19  No
 3       -0.096    -0.096   -0.0005  -0.0003   0.0000   01:57:48  No
Mean:    -0.096    -0.096   -0.0005
SD  :    0.0006    0.0006    0.0000
%RSD:       0.6       0.6    1.4267
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 8        AS Loc.: 7   Date: 04/19/2011
Sample ID: ICV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.056    -0.056    0.0000   0.0029   0.0005   01:59:00  No
 2       -0.056    -0.056    0.0000   0.0026   0.0005   01:59:29  No
 3       -0.064    -0.064   -0.0001   0.0021   0.0004   01:59:58  No
Mean:    -0.059    -0.059   -0.0001
SD  :    0.0047    0.0047    0.0001
%RSD:       8.0       8.0   86.7323
QC failed, value less than lower limit for Hg.
Current analysis method being continued.

================================================================================
Element: Hg    Seq. No.: 9        AS Loc.: 1   Date: 04/19/2011
Sample ID: ICB
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.096    -0.096   -0.0005  -0.0002   0.0000   02:01:11  No
 2       -0.096    -0.096   -0.0005  -0.0001   0.0000   02:01:40  No
 3       -0.093    -0.093   -0.0005   0.0002   0.0000   02:02:10  No
Mean:    -0.095    -0.095   -0.0005
SD  :    0.0016    0.0016    0.0000
%RSD:       1.7       1.7    3.8972
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 10       AS Loc.: 9   Date: 04/19/2011
Sample ID: 1117008-BLK1
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored

================================================================================
Element: Hg    Seq. No.: 10       AS Loc.: 0   Date: 04/19/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.047    -0.047    0.0001   0.0006   0.0001   02:03:58  No
 2       -0.048    -0.048    0.0001   0.0003   0.0001   02:04:27  No
 3       -0.049    -0.049    0.0001   0.0004   0.0001   02:04:56  No
Mean:    -0.048    -0.048    0.0001
SD  :    0.0008    0.0008    0.0000
%RSD:       1.6       1.6   14.8343
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 11       AS Loc.: 7   Date: 04/19/2011
Sample ID: ICV
--------------------------------------------------------------------------------
```

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.077	-0.077	-0.0003	0.0017	0.0002	02:06:08	No
2	-0.077	-0.077	-0.0003	0.0015	0.0002	02:06:37	No
3	-0.094	-0.094	-0.0005	0.0002	0.0000	02:07:07	No
Mean:	-0.083	-0.083	-0.0003				
SD :	0.0095	0.0095	0.0001				
%RSD:	11.5	11.5	32.2841				

QC failed, value less than lower limit for Hg.
Current analysis method being continued.

==========

Element: Hg Seq. No.: 12 AS Loc.: 1 Date: 04/19/2011
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

==========

Element: Hg Seq. No.: 12 AS Loc.: 0 Date: 04/19/2011
Sample ID: RINSE

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.093	-0.093	-0.0005	0.0001	0.0000	02:11:17	No
2	-0.097	-0.097	-0.0005	-0.0002	0.0000	02:11:46	No
3	-0.093	-0.093	-0.0005	0.0002	0.0000	02:12:15	No
Mean:	-0.094	-0.094	-0.0005				
SD :	0.0020	0.0020	0.0000				
%RSD:	2.2	2.2	4.9742				

Reagent Blank Performed

==========

Element: Hg Seq. No.: 13 AS Loc.: 7 Date: 04/19/2011
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001	0.001	0.0006	0.0057	0.0011	02:13:27	No
2	-0.012	-0.012	0.0005	0.0045	0.0010	02:13:56	No

==========

Element: Hg Seq. No.: 14 AS Loc.: 0 Date: 04/19/2011
Sample ID: RINSE

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.064	-0.064	-0.0001	0.0017	0.0004	02:16:52	No
2	-0.068	-0.068	-0.0002	0.0010	0.0003	02:17:22	No
3	-0.069	-0.069	-0.0002	0.0009	0.0003	02:17:51	No
Mean:	-0.067	-0.067	-0.0002				
SD :	0.0028	0.0028	0.0000				
%RSD:	4.2	4.2	20.3630				

Reagent Blank Performed

==========

Element: Hg Seq. No.: 15 AS Loc.: 7 Date: 04/19/2011
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.351	3.351	0.0395	0.1599	0.0400	02:19:03	No
2	3.369	3.369	0.0397	0.1590	0.0402	02:19:32	No
3	3.354	3.354	0.0395	0.1588	0.0401	02:20:00	No
Mean:	3.358	3.358	0.0396				
SD :	0.0097	0.0097	0.0001				

%RSD: 0.3 0.3 0.2852
QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

==========
Element: Hg Seq. No.: 16 AS Loc.: 1 Date: 04/19/2011
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.069	-0.069	-0.0002	0.0014	0.0003	02:21:14	No
2	-0.071	-0.071	-0.0002	0.0016	0.0003	02:21:43	No
3	-0.071	-0.071	-0.0002	0.0018	0.0003	02:22:13	No
Mean:	-0.070	-0.070	-0.0002				
SD :	0.0013	0.0013	0.0000				
%RSD:	1.8	1.8	7.4509				

QC value within specified limits.

==========
Element: Hg Seq. No.: 17 AS Loc.: 9 Date: 04/19/2011
Sample ID: 1117008-BLK1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.051	-0.051	0.0000	0.0022	0.0004	02:23:25	No
2	-0.052	-0.052	0.0000	0.0023	0.0004	02:23:54	No
3	-0.051	-0.051	0.0000	0.0023	0.0004	02:24:22	No
Mean:	-0.052	-0.052	0.0000				
SD :	0.0004	0.0004	0.0000				
%RSD:	0.9	0.9	26.6791				

==========
Element: Hg Seq. No.: 18 AS Loc.: 10 Date: 04/19/2011
Sample ID: 1117008-BS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.309	1.309	0.0158	0.0665	0.0162	02:25:34	No
2	1.323	1.323	0.0160	0.0675	0.0163	02:26:03	No
3	1.335	1.335	0.0161	0.0679	0.0165	02:26:32	No
Mean:	1.322	1.322	0.0160				
SD :	0.0127	0.0127	0.0001				
%RSD:	1.0	1.0	0.9223				

==========
Element: Hg Seq. No.: 19 AS Loc.: 11 Date: 04/19/2011
Sample ID: 1117088-BS2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.388	1.388	0.0167	0.0692	0.0171	02:27:44	No
2	1.392	1.392	0.0168	0.0703	0.0171	02:28:14	No

==========
Method Name: Hg_dept40
Method Description: Hg_dept40
Element: Hg

Date: 04/19/2011
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: 110419B.SIF Results Data Set Name: 110419B

==========
Element: Hg Seq. No.: 20 AS Loc.: 1 Date: 04/19/2011

Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0005	0.0014	0.0005	02:29:27	No
2			0.0004	0.0014	0.0004	02:29:56	No
3			0.0004	0.0014	0.0004	02:30:25	No
Mean:			0.0004				
SD :			0.0000				
%RSD:			10.0705				

Auto-zero performed.

==========

Element: Hg Seq. No.: 21 AS Loc.: 2 Date: 04/19/2011
Sample ID: 0.2 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0025	0.0112	0.0029	02:31:38	No
2			0.0025	0.0113	0.0029	02:32:07	No
3			0.0025	0.0114	0.0029	02:32:36	No
Mean:			0.0025				
SD :			0.0000				
%RSD:			0.1643				

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.01251
Intercept : 0.00000

==========

Element: Hg Seq. No.: 22 AS Loc.: 3 Date: 04/19/2011
Sample ID: 1.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0132	0.0523	0.0136	02:33:49	No
2			0.0132	0.0522	0.0136	02:34:18	No
3			0.0131	0.0522	0.0136	02:34:47	No
Mean:			0.0132				
SD :			0.0000				
%RSD:			0.1844				

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99995 Slope: 0.01322
Intercept : -0.00006

==========

Element: Hg Seq. No.: 23 AS Loc.: 4 Date: 04/19/2011
Sample ID: 2.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0265	0.1053	0.0269	02:36:00	No
2			0.0265	0.1031	0.0270	02:36:29	No
3			0.0266	0.1047	0.0270	02:36:58	No
Mean:			0.0266				
SD :			0.0001				
%RSD:			0.2218				

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99998 Slope: 0.01331
Intercept : -0.00009

==========

Element: Hg Seq. No.: 24 AS Loc.: 5 Date: 04/19/2011
Sample ID: 5.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	0.0646	0.2556	0.0651	02:38:13	No
2	0.0652	0.2580	0.0656	02:38:43	No
3	0.0647	0.2557	0.0651	02:39:12	No
Mean:	0.0648				
SD :	0.0003				
%RSD:	0.4754				

[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99994 Slope: 0.01298
Intercept : 0.00013

==========

Element: Hg Seq. No.: 25 AS Loc.: 6 Date: 04/19/2011
Sample ID: 10.0 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1219	0.4940	0.1223	02:40:27	No
2			0.1228	0.4946	0.1232	02:40:56	No
3			0.1236	0.4965	0.1241	02:41:25	No
Mean:			0.1228				
SD :			0.0009				
%RSD:			0.7184				

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99957 Slope: 0.01231
Intercept : 0.00096

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0004	---	----	----	----
0.2 PPB	0.0025	0.200	0.126	0.0000	0.2
1.0 PPB	0.0132	1.000	0.992	0.0000	0.2
2.0 PPB	0.0266	2.000	2.079	0.0001	0.2
5.0 PPB	0.0648	5.000	5.188	0.0003	0.5
10.0 PPB	0.1228	10.000	9.892	0.0009	0.7

Correlation Coefficient: 0.99957 Slope: 0.01231 Intercept: 0.0010

Element: Hg Seq. No.: 26 AS Loc.: 0 Date: 04/19/2011
Sample ID: RINSE

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.095	-0.095	-0.0002	0.0010	0.0002	02:44:13	No
2	-0.095	-0.095	-0.0002	0.0007	0.0002	02:44:42	No
3	-0.094	-0.094	-0.0002	0.0011	0.0002	02:45:11	No
Mean:	-0.094	-0.094	-0.0002				
SD :	0.0004	0.0004	0.0000				
%RSD:	0.4	0.4	2.2534				

Reagent Blank Performed

Element: Hg Seq. No.: 27 AS Loc.: 7 Date: 04/19/2011
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.165	3.165	0.0399	0.1584	0.0404	02:46:23	No
2	3.169	3.169	0.0400	0.1584	0.0404	02:46:52	No
3	3.175	3.175	0.0400	0.1584	0.0405	02:47:21	No
Mean:	3.170	3.170	0.0400				
SD :	0.0048	0.0048	0.0001				
%RSD:	0.2	0.2	0.1477				

QC value within specified limits.

Element: Hg Seq. No.: 28 AS Loc.: 1 Date: 04/19/2011
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.095	-0.095	-0.0002	0.0006	0.0002	02:48:34	No
2	-0.093	-0.093	-0.0002	0.0011	0.0002	02:49:03	No
3	-0.112	-0.112	-0.0004	-0.0003	0.0000	02:49:32	No
Mean:	-0.100	-0.100	-0.0003				
SD :	0.0103	0.0103	0.0001				
%RSD:	10.2	10.2	45.5922				

QC value within specified limits.

Element: Hg Seq. No.: 29 AS Loc.: 9 Date: 04/19/2011
Sample ID: 1117008-BLK1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.074	-0.074	0.0000	0.0011	0.0003	02:50:43	No
2	-0.072	-0.072	0.0001	0.0014	0.0003	02:51:12	No
3	-0.076	-0.076	0.0000	0.0008	0.0002	02:51:41	No
Mean:	-0.074	-0.074	0.0000				
SD :	0.0019	0.0019	0.0000				
%RSD:	2.6	2.6	48.7444				

Element: Hg Seq. No.: 30 AS Loc.: 10 Date: 04/19/2011
Sample ID: 1117008-BS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.206	1.206	0.0158	0.0648	0.0160	02:52:54	No
2	-0.095	-0.095	-0.0002	-0.0006	0.0000	02:53:22	No
3	-0.036	-0.036	0.0005	0.0017	0.0007	02:53:51	No
Mean:	0.358	0.358	0.0054				
SD :	0.7350	0.7350	0.0090				
%RSD:	205.2	205.2	168.6150				

Element: Hg Seq. No.: 31 AS Loc.: 11 Date: 04/19/2011
Sample ID: 1117088-BS2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.265	1.265	0.0165	0.0678	0.0168	02:55:04	No
2	1.272	1.272	0.0166	0.0678	0.0168	02:55:32	No
3	1.280	1.280	0.0167	0.0679	0.0169	02:56:01	No
Mean:	1.273	1.273	0.0166				
SD :	0.0076	0.0076	0.0001				
%RSD:	0.6	0.6	0.5603				

Element: Hg Seq. No.: 32 AS Loc.: 12 Date: 04/19/2011
Sample ID: 1117008-BS3

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.282	1.282	0.0167	0.0683	0.0170	02:57:15	No
2	1.296	1.296	0.0169	0.0691	0.0171	02:57:44	No
3	1.300	1.300	0.0170	0.0696	0.0172	02:58:13	No
Mean:	1.293	1.293	0.0169				
SD :	0.0096	0.0096	0.0001				
%RSD:	0.7	0.7	0.6984				

Element: Hg Seq. No.: 33 AS Loc.: 13 Date: 04/19/2011
Sample ID: 1117008-BS4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.301	1.301	0.0170	0.0698	0.0172	02:59:27	No
2	1.298	1.298	0.0169	0.0695	0.0172	02:59:56	No
3	-0.095	-0.095	-0.0002	-0.0007	0.0000	03:00:25	No
Mean:	0.835	0.835	0.0112				
SD :	0.8051	0.8051	0.0099				
%RSD:	96.5	96.5	88.2587				

Element: Hg Seq. No.: 34 AS Loc.: 14 Date: 04/19/2011
Sample ID: 11D0514-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	24.76	24.76	0.3058	1.4064	0.3060	03:01:41	No
Sample absorbance is greater than that of the highest standard.							
2	24.83	24.83	0.3067	1.3160	0.3070	03:02:10	No
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 35 AS Loc.: 0 Date: 04/19/2011
Sample ID: RINSE

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.069	-0.069	0.0001	0.0007	0.0003	03:14:38	No
2	-0.065	-0.065	0.0002	0.0011	0.0004	03:15:07	No
3	-0.072	-0.072	0.0001	0.0009	0.0003	03:15:37	No
Mean:	-0.068	-0.068	0.0001				
SD :	0.0035	0.0035	0.0000				
%RSD:	5.2	5.2	38.2727				
Reagent Blank Performed							

Element: Hg Seq. No.: 36 AS Loc.: 7 Date: 04/19/2011

Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.970	2.970	0.0375	0.1486	0.0380	03:16:49	No
2	2.998	2.998	0.0379	0.1499	0.0383	03:17:17	No
3	3.019	3.019	0.0381	0.1504	0.0386	03:17:46	No
Mean:	2.996	2.996	0.0378				
SD :	0.0245	0.0245	0.0003				
%RSD:	0.8	0.8	0.7957				

QC value within specified limits.

Element: Hg Seq. No.: 37 AS Loc.: 1 Date: 04/19/2011
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.102	-0.102	-0.0003	0.0002	0.0001	03:19:00	No
2	-0.101	-0.101	-0.0003	0.0007	0.0001	03:19:30	No
3	-0.099	-0.099	-0.0003	0.0007	0.0002	03:19:59	No
Mean:	-0.101	-0.101	-0.0003				
SD :	0.0015	0.0015	0.0000				
%RSD:	1.4	1.4	6.3020				

QC value within specified limits.

Element: Hg Seq. No.: 38 AS Loc.: 14 Date: 04/19/2011
Sample ID: 11D0514-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	28.09	2.809	0.0355	0.1355	0.0359	03:21:12	No
2	28.22	2.822	0.0357	0.1356	0.0360	03:21:41	No
3	28.49	2.849	0.0360	0.1377	0.0364	03:22:10	No
Mean:	28.27	2.827	0.0358				
SD :	0.2043	0.0204	0.0003				
%RSD:	0.7	0.7	0.7033				

Element: Hg Seq. No.: 39 AS Loc.: 15 Date: 04/19/2011
Sample ID: 1117008-DUP1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	39.15	3.915	0.0492	0.1844	0.0495	03:23:26	No
2	38.57	3.857	0.0484	0.1835	0.0488	03:23:55	No
3	38.91	3.891	0.0489	0.1868	0.0492	03:24:24	No
Mean:	38.88	3.888	0.0488				
SD :	0.2893	0.0289	0.0004				
%RSD:	0.7	0.7	0.7295				

Element: Hg Seq. No.: 40 AS Loc.: 16 Date: 04/19/2011
Sample ID: 1117008-DUP2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	24.06	2.406	0.0306	0.1176	0.0309	03:25:43	No
2	24.07	2.407	0.0306	0.1162	0.0309	03:26:12	No
3	24.13	2.413	0.0307	0.1181	0.0310	03:26:41	No
Mean:	24.09	2.409	0.0306				
SD :	0.0381	0.0038	0.0000				
%RSD:	0.2	0.2	0.1532				

Element: Hg Seq. No.: 41 AS Loc.: 17 Date: 04/19/2011
Sample ID: 1117008-MS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	29.80	2.980	0.0376	0.1441	0.0380	03:27:56	No
2	30.02	3.002	0.0379	0.1442	0.0383	03:28:25	No
3	29.94	2.994	0.0378	0.1441	0.0382	03:28:54	No
Mean:	29.92	2.992	0.0378				
SD :	0.1130	0.0113	0.0001				
%RSD:	0.4	0.4	0.3680				

Element: Hg Seq. No.: 42 AS Loc.: 18 Date: 04/19/2011
Sample ID: 1117008-MSD1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	25.52	2.552	0.0324	0.1242	0.0327	03:30:05	No
2	25.68	2.568	0.0326	0.1245	0.0329	03:30:34	No
3	25.78	2.578	0.0327	0.1248	0.0330	03:31:02	No
Mean:	25.66	2.566	0.0325				
SD :	0.1286	0.0129	0.0002				
%RSD:	0.5	0.5	0.4865				

Element: Hg Seq. No.: 43 AS Loc.: 19 Date: 04/19/2011
Sample ID: 11D0514-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	32.91	3.291	0.0415	0.1597	0.0418	03:32:14	No
2	33.13	3.313	0.0418	0.1585	0.0421	03:32:44	No
3	33.15	3.315	0.0418	0.1611	0.0421	03:33:12	No
Mean:	33.07	3.307	0.0417				
SD :	0.1339	0.0134	0.0002				
%RSD:	0.4	0.4	0.3956				

Element: Hg Seq. No.: 44 AS Loc.: 20 Date: 04/19/2011
Sample ID: 11D0514-03

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.523	0.652	0.0090	0.0392	0.0093	03:34:25	No
2	6.140	0.614	0.0085	0.0366	0.0088	03:34:54	No
3	6.479	0.648	0.0089	0.0389	0.0093	03:35:23	No
Mean:	6.381	0.638	0.0088				
SD :	0.2098	0.0210	0.0003				
%RSD:	3.3	3.3	2.9310				

Element: Hg Seq. No.: 45 AS Loc.: 21 Date: 04/19/2011
Sample ID: 11D0837-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.006	0.006	0.0010	0.0051	0.0014	03:36:35	No
2	0.004	0.004	0.0010	0.0052	0.0013	03:37:06	No
3	0.010	0.010	0.0011	0.0057	0.0014	03:37:34	No
Mean:	0.007	0.007	0.0010				
SD :	0.0033	0.0033	0.0000				
%RSD:	49.3	49.3	3.9060				

Element: Hg Seq. No.: 46 AS Loc.: 22 Date: 04/19/2011

Sample ID: 1117013-BLK1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.083	-0.083	-0.0001	0.0008	0.0003	03:38:46	No
2	-0.087	-0.087	-0.0001	0.0006	0.0002	03:39:15	No
3	-0.087	-0.087	-0.0001	0.0006	0.0002	03:39:44	No
Mean:	-0.085	-0.085	-0.0001				
SD :	0.0024	0.0024	0.0000				
%RSD:	2.8	2.8	30.8305				

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Element: Hg Seq. No.: 47 AS Loc.: 23 Date: 04/19/2011
Sample ID: 1117013-BS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.225	1.225	0.0160	0.0650	0.0164	03:40:56	No
2	1.233	1.233	0.0161	0.0644	0.0165	03:41:25	No
3	1.238	1.238	0.0162	0.0652	0.0165	03:41:55	No
Mean:	1.232	1.232	0.0161				
SD :	0.0066	0.0066	0.0001				
%RSD:	0.5	0.5	0.5075				

==========

Element: Hg Seq. No.: 48 AS Loc.: 8 Date: 04/19/2011
Sample ID: CCV 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.108	-0.108	-0.0004	0.0002	0.0000	03:43:10	No
2	-0.109	-0.109	-0.0004	0.0002	0.0000	03:43:39	No
3	-0.108	-0.108	-0.0004	0.0003	0.0001	03:44:08	No
Mean:	-0.108	-0.108	-0.0004				
SD :	0.0007	0.0007	0.0000				
%RSD:	0.6	0.6	2.2386				

==========

Element: Hg Seq. No.: 49 AS Loc.: 0 Date: 04/19/2011
Sample ID: ~~RINSE~~ CCB1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.098	-0.098	-0.0003	0.0006	0.0002	03:46:51	No
2	-0.100	-0.100	-0.0003	0.0004	0.0001	03:47:20	No
3	-0.099	-0.099	-0.0003	0.0003	0.0002	03:47:49	No
Mean:	-0.099	-0.099	-0.0003				
SD :	0.0010	0.0010	0.0000				
%RSD:	1.0	1.0	4.8335				

Reagent Blank Performed

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Element: Hg Seq. No.: 50 AS Loc.: 7 Date: 04/19/2011
Sample ID: ~~ICV~~ CCV2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.283	3.283	0.0414	0.1640	0.0418	03:49:02	No
2	3.295	3.295	0.0415	0.1649	0.0419	03:49:31	No
3	3.323	3.323	0.0419	0.1657	0.0423	03:50:00	No
Mean:	3.300	3.300	0.0416				
SD :	0.0207	0.0207	0.0003				
%RSD:	0.6	0.6	0.6125				

QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

Element: Hg Seq. No.: 51 AS Loc.: 1 Date: 04/19/2011
Sample ID: ~~ICB~~ CCB2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.111	-0.111	-0.0004	-0.0003	0.0000	03:51:13	No
2	-0.109	-0.109	-0.0004	0.0003	0.0000	03:51:42	No
3	-0.109	-0.109	-0.0004	0.0000	0.0000	03:52:10	No
Mean:	-0.110	-0.110	-0.0004				
SD :	0.0011	0.0011	0.0000				
%RSD:	1.0	1.0	3.4660				

QC value within specified limits.

Element: Hg Seq. No.: 52 AS Loc.: 24 Date: 04/19/2011
Sample ID: 1117013-BS2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.300	1.300	0.0170	0.0672	0.0171	03:53:23	No
2	1.300	1.300	0.0170	0.0676	0.0171	03:53:52	No
3	1.304	1.304	0.0170	0.0677	0.0172	03:54:21	No
Mean:	1.301	1.301	0.0170				
SD :	0.0022	0.0022	0.0000				
%RSD:	0.2	0.2	0.1572				

Element: Hg Seq. No.: 53 AS Loc.: 25 Date: 04/19/2011
Sample ID: 11D0795-01

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.212	0.212	0.0036	0.0158	0.0037	03:55:35	No
2	0.212	0.212	0.0036	0.0160	0.0037	03:56:04	No
3	0.215	0.215	0.0036	0.0158	0.0038	03:56:33	No
Mean:	0.213	0.213	0.0036				
SD :	0.0017	0.0017	0.0000				
%RSD:	0.8	0.8	0.5845				

Element: Hg Seq. No.: 54 AS Loc.: 26 Date: 04/19/2011
Sample ID: 11D0795-02

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.353	1.353	0.0176	0.0764	0.0178	03:57:47	No
2	1.380	1.380	0.0179	0.0771	0.0181	03:58:16	No
3	1.376	1.376	0.0179	0.0771	0.0181	03:58:45	No
Mean:	1.369	1.369	0.0178				
SD :	0.0147	0.0147	0.0002				
%RSD:	1.1	1.1	1.0155				

Element: Hg Seq. No.: 55 AS Loc.: 27 Date: 04/19/2011
Sample ID: 11D0795-03

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.031	0.031	0.0013	0.0064	0.0015	03:59:59	No
2	0.028	0.028	0.0013	0.0062	0.0015	04:00:28	No
3	0.028	0.028	0.0013	0.0061	0.0015	04:00:57	No
Mean:	0.029	0.029	0.0013				
SD :	0.0020	0.0020	0.0000				
%RSD:	7.0	7.0	1.9117				

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Element: Hg    Seq. No.: 56       AS Loc.: 28   Date: 04/19/2011
Sample ID: 11D0795-04
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        0.059     0.059    0.0017   0.0080   0.0018   04:02:13  No
 2        0.057     0.057    0.0017   0.0077   0.0018   04:02:42  No
 3        0.060     0.060    0.0017   0.0085   0.0019   04:03:10  No
Mean:     0.059     0.059    0.0017
SD  :    0.0017    0.0017    0.0000
%RSD:       2.8       2.8    1.2097

================================================================================
Element: Hg    Seq. No.: 57       AS Loc.: 29   Date: 04/19/2011
Sample ID: 11D0795-05
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.059    -0.059    0.0002   0.0014   0.0004   04:04:26  No
 2       -0.054    -0.054    0.0003   0.0020   0.0004   04:04:55  No
 3       -0.055    -0.055    0.0003   0.0022   0.0004   04:05:24  No
Mean:    -0.056    -0.056    0.0003
SD  :    0.0025    0.0025    0.0000
%RSD:       4.5       4.5   11.6815

================================================================================
Element: Hg    Seq. No.: 58       AS Loc.: 30   Date: 04/19/2011
Sample ID: 1117008-PS1
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.886    -0.089   -0.0001   0.0001   0.0000   04:06:41  No
 2       -0.876    -0.088   -0.0001   0.0001   0.0000   04:07:09  No

================================================================================
Element: Hg    Seq. No.: 59       AS Loc.: 0   Date: 04/19/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.081    -0.081    0.0000   0.0002   0.0001   04:09:09  No
 2       -0.077    -0.077    0.0000   0.0008   0.0002   04:09:38  No
 3       -0.079    -0.079    0.0000   0.0006   0.0001   04:10:07  No
Mean:    -0.079    -0.079    0.0000
SD  :    0.0021    0.0021    0.0000
%RSD:       2.7       2.7  191.7997
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 60       AS Loc.: 7   Date: 04/19/2011
Sample ID: ICV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        3.349     3.349    0.0422   0.1663   0.0426   04:11:20  No
 2        3.375     3.375    0.0425   0.1668   0.0429   04:11:49  No
 3        3.380     3.380    0.0426   0.1679   0.0430   04:12:18  No
Mean:     3.368     3.368    0.0424
SD  :    0.0165    0.0165    0.0002
%RSD:       0.5       0.5    0.4783
QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

================================================================================
Element: Hg    Seq. No.: 61       AS Loc.: 1   Date: 04/19/2011
```

Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.111	-0.111	-0.0004	-0.0005	0.0000	04:13:31	No
2	-0.111	-0.111	-0.0004	-0.0004	0.0000	04:14:00	No
3	-0.111	-0.111	-0.0004	-0.0003	0.0000	04:14:29	No
Mean:	-0.111	-0.111	-0.0004				
SD :	0.0001	0.0001	0.0000				
%RSD:			0.3282				

QC value within specified limits.

==========

Element: Hg Seq. No.: 62 AS Loc.: 30 Date: 04/19/2011
Sample ID: 1117008-PS1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	85.17	8.517	0.1058	0.4016	0.1060	04:15:44	No
2	85.23	8.523	0.1059	0.4023	0.1060	04:16:13	No
3	85.80	8.580	0.1066	0.4064	0.1067	04:16:42	No
Mean:	85.40	8.540	0.1061				
SD :	0.3493	0.0349	0.0004				
%RSD:	0.4	0.4	0.4053				

==========

Element: Hg Seq. No.: 63 AS Loc.: 31 Date: 04/19/2011
Sample ID: 1117008-PS2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	86.68	8.668	0.1077	0.4135	0.1078	04:17:58	No
2	87.08	8.708	0.1082	0.4143	0.1083	04:18:27	No
3	87.15	8.715	0.1083	0.4174	0.1084	04:18:55	No
Mean:	86.97	8.697	0.1080				
SD :	0.2536	0.0254	0.0003				
%RSD:	0.3	0.3	0.2890				

==========

Element: Hg Seq. No.: 64 AS Loc.: 8 Date: 04/19/2011
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.108	-0.108	-0.0004	-0.0003	0.0000	04:20:14	No
2	-0.107	-0.107	-0.0004	0.0004	0.0001	04:20:43	No
3	-0.110	-0.110	-0.0004	-0.0001	0.0000	04:21:11	No
Mean:	-0.108	-0.108	-0.0004				
SD :	0.0016	0.0016	0.0000				
%RSD:	1.5	1.5	5.3571				

QC failed, value less than lower limit for Hg.
Current analysis method being continued.

==========

Element: Hg Seq. No.: 65 AS Loc.: 1 Date: 04/19/2011
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.109	-0.109	-0.0004	-0.0001	0.0000	04:22:25	No
2	-0.109	-0.109	-0.0004	-0.0001	0.0000	04:22:56	No
3	-0.107	-0.107	-0.0004	0.0001	0.0001	04:23:25	No
Mean:	-0.109	-0.109	-0.0004				
SD :	0.0009	0.0009	0.0000				
%RSD:	0.9	0.9	3.0091				

QC value within specified limits.

```
================================================================================
Element: Hg    Seq. No.: 66       AS Loc.: 0   Date: 04/19/2011
Sample ID: RINSE
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.078    -0.078    0.0000   0.0005   0.0001   04:26:00  No
 2       -0.075    -0.075    0.0000   0.0010   0.0002   04:26:29  No
 3       -0.074    -0.074    0.0000   0.0009   0.0002   04:26:59  No
Mean:    -0.076    -0.076    0.0000
SD  :    0.0018    0.0018    0.0000
%RSD:       2.4       2.4   89.5021
Reagent Blank Performed

================================================================================
Element: Hg    Seq. No.: 67       AS Loc.: 7   Date: 04/19/2011
Sample ID: ~~ICV~~  CCV3
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1        3.370     3.370    0.0424   0.1704   0.0429   04:28:10  No
 2        3.378     3.378    0.0425   0.1713   0.0430   04:28:39  No
 3        3.373     3.373    0.0425   0.1703   0.0429   04:29:08  No
Mean:     3.374     3.374    0.0425
SD  :    0.0041    0.0041    0.0001
%RSD:       0.1       0.1    0.1182
QC failed, value greater than upper limit for Hg.
Current analysis method being continued.

================================================================================
Element: Hg    Seq. No.: 68       AS Loc.: 1   Date: 04/19/2011
Sample ID: ~~ICB~~  CCB3
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.111    -0.111   -0.0004  -0.0002   0.0000   04:30:21  No
 2       -0.110    -0.110   -0.0004   0.0000   0.0000   04:30:51  No
 3       -0.109    -0.109   -0.0004   0.0002   0.0000   04:31:20  No
Mean:    -0.110    -0.110   -0.0004
SD  :    0.0009    0.0009    0.0000
%RSD:       0.8       0.8    2.8401
QC value within specified limits.

================================================================================
Element: Hg    Seq. No.: 69       AS Loc.: 8   Date: 04/19/2011
Sample ID: CCV
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
 #     µg/L        µg/L       Signal    Area    Height           Stored
 1       -0.092    -0.092   -0.0002  -0.0004   0.0000   04:32:35  No
 2       -0.091    -0.091   -0.0002  -0.0003   0.0000   04:33:04  No
================================================================================
Method Name: Hg_dept40
Method Description: Hg_dept40
Element: Hg

Date: 04/19/2011
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: 110419B.SIF         Results Data Set Name: 110419B

================================================================================
Element: Hg    Seq. No.: 70       AS Loc.: ---   Date: 04/19/2011
Sample ID: Sample
--------------------------------------------------------------------------------
Repl   SampleConc  StndConc   BlnkCorr  Peak    Peak      Time   Peak
```

#	µg/L	µg/L	Signal	Area	Height	Stored

Sample Information File C:\AAUSER\SAMPINFO\110419B.SIF

Description : Hg Solid
Batch ID :
Volume Units : mL
Weight Units : g
Analyst : PBK
Sample Volume : 50.00

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
0	RINSE				
1	CALIBRATION BLANK				
2	STD 0.2 PPB				
3	STD 1.0 PPB				
4	STD 2.0 PPB				
5	STD 5.0 PPB				
6	STD 10.0 PPB				
7	ICV				
8	CCV				
9	1117008-BLK1				
10	1117008-BS1				
11	1117088-BS2				
12	1117008-BS3				
13	1117008-BS4				
14	11D0514-01			10.0000	
15	1117008-DUP1			10.0000	
16	1117008-DUP2			10.0000	
17	1117008-MS1			10.0000	
18	1117008-MSD1			10.0000	
19	11D0514-02			10.0000	
20	11D0514-03			10.0000	
21	11D0837-01				
22	1117013-BLK1				
23	1117013-BS1				
24	1117013-BS2				
25	11D0795-01				
26	11D0795-02				
27	11D0795-03				
28	11D0795-04				
29	11D0795-05				
30	1117008-PS1			10.0000	
31	1117008-PS2			10.0000	

Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-01RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\06\v6040606.D Vial: 6
Acq On : 6 Apr 2011 11:00 am Operator: mbh
Sample : 11C1255-01RE1 Inst : MSD6
Misc : GL-02 (-5)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 06 12:53:36 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

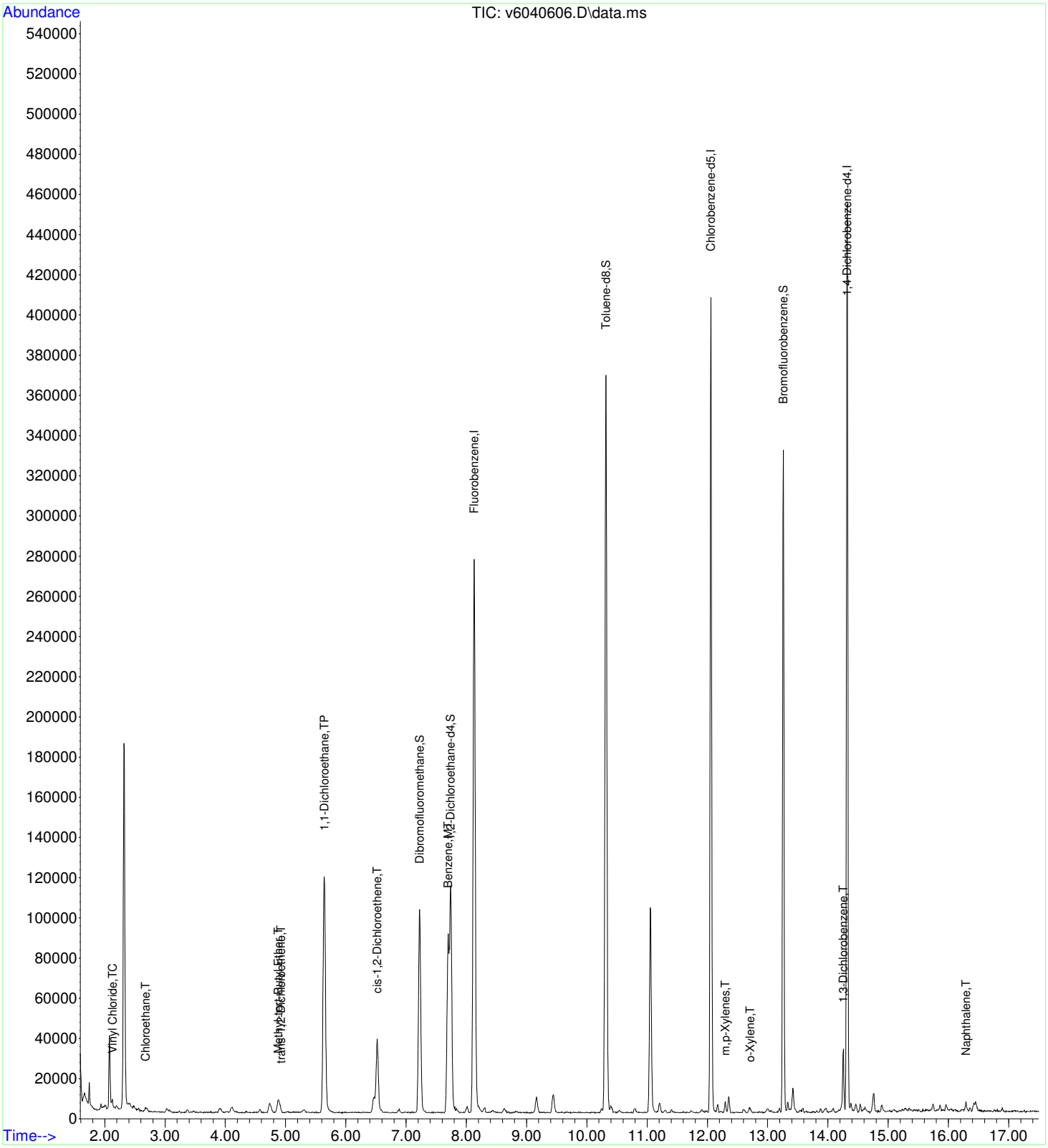
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.129	96	335362	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.058	117	250817	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.321	152	124923	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.226	111	87682	25.04	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 100.16%			
39) 1,2-Dichloroethane-d4	7.737	65	93416	24.73	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 98.92%			
61) Toluene-d8	10.316	98	303028	24.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.20%			
76) Bromofluorobenzene	13.260	95	109131	25.13	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 100.52%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.127	62	3393	0.96	ug/L #	96
6) Chloroethane	2.677	64	1427	0.47	ug/L #	88
19) Methyl-tert-Butyl Ether	4.880	73	8930	1.04	ug/L #	87
21) trans-1,2-Dichloroethene	4.924	61	1189	0.21	ug/L #	77
23) 1,1-Dichloroethane	5.642	63	166962	22.72	ug/L #	93
28) cis-1,2-Dichloroethene	6.518	61	29617	4.88	ug/L #	84
42) Benzene	7.699	78	97752	6.55	ug/L #	68
68) m,p-Xylenes	12.297	91	4060	0.33	ug/L	97
69) o-Xylene	12.711	91	2009	0.16	ug/L #	86
87) 1,3-Dichlorobenzene	14.256	146	13129	1.67	ug/L	94
95) Naphthalene	16.291	128	4463	0.36	ug/L #	92

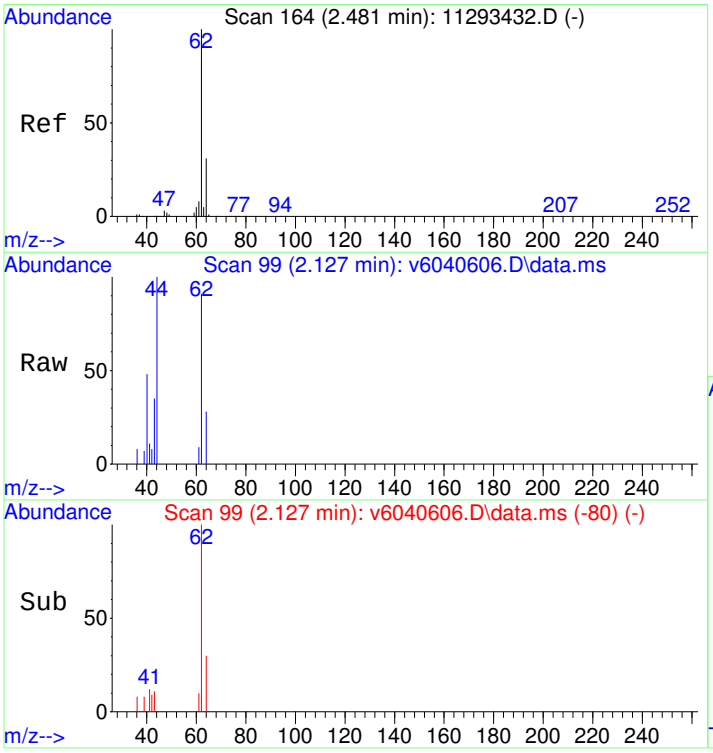
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\06\v6040606.D Vial: 6
Acq On : 6 Apr 2011 11:00 am Operator: mbh
Sample : 11C1255-01RE1 Inst : MSD6
Misc : GL-02 (-5)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 06 12:53:36 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

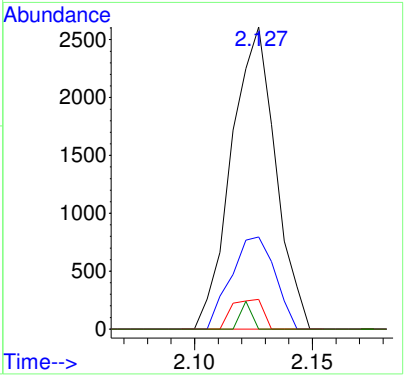


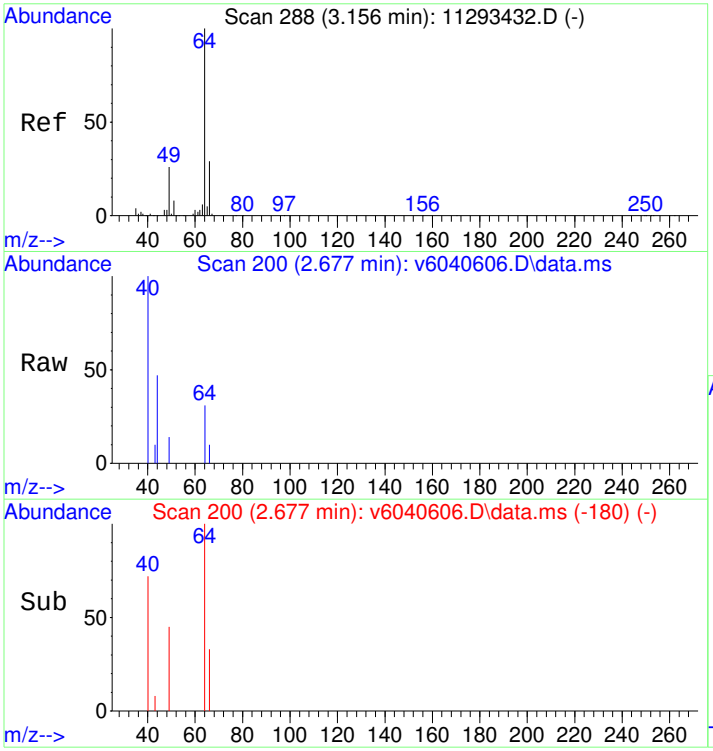


#4
Vinyl Chloride
Concen: 0.96 ug/L
RT: 2.127 min Scan# 99
Delta R.T. 0.002 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion: 62 Resp: 3393

Ion	Ratio	Lower	Upper
62	100		
64	30.3	20.5	38.1
61	7.0	5.9	11.1
60	2.3	4.3	7.9#

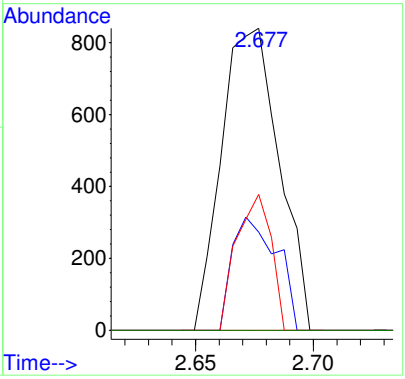


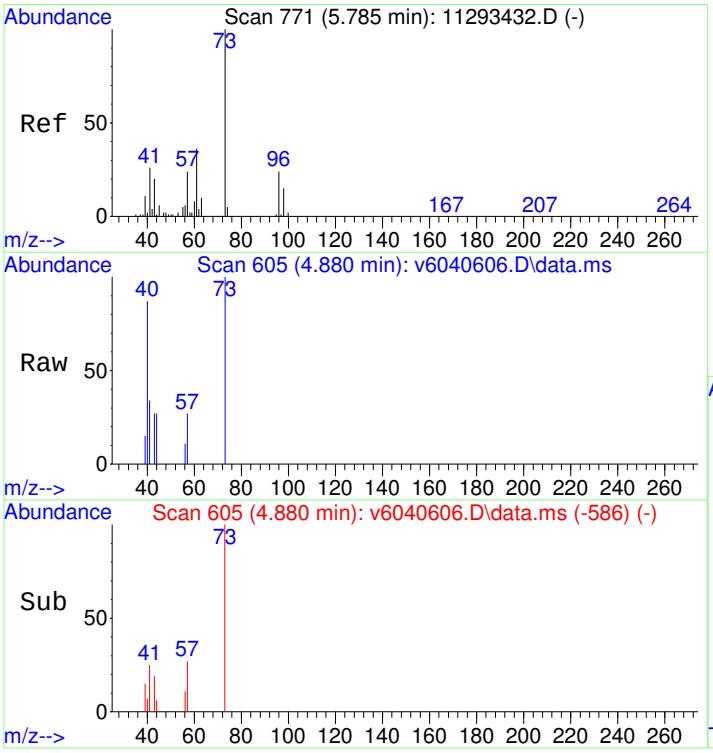


#6
Chloroethane
Concen: 0.47 ug/L
RT: 2.677 min Scan# 200
Delta R.T. 0.010 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion: 64 Resp: 1427

Ion	Ratio	Lower	Upper
64	100		
66	28.9	19.9	36.9
49	27.0	24.8	46.0
51	0.0	8.3	15.3#

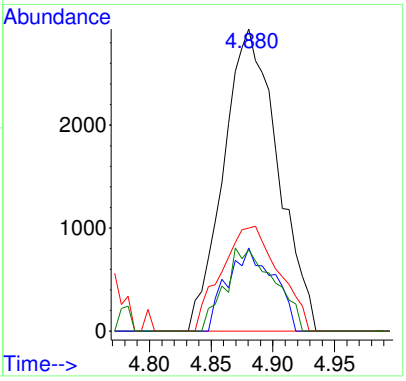


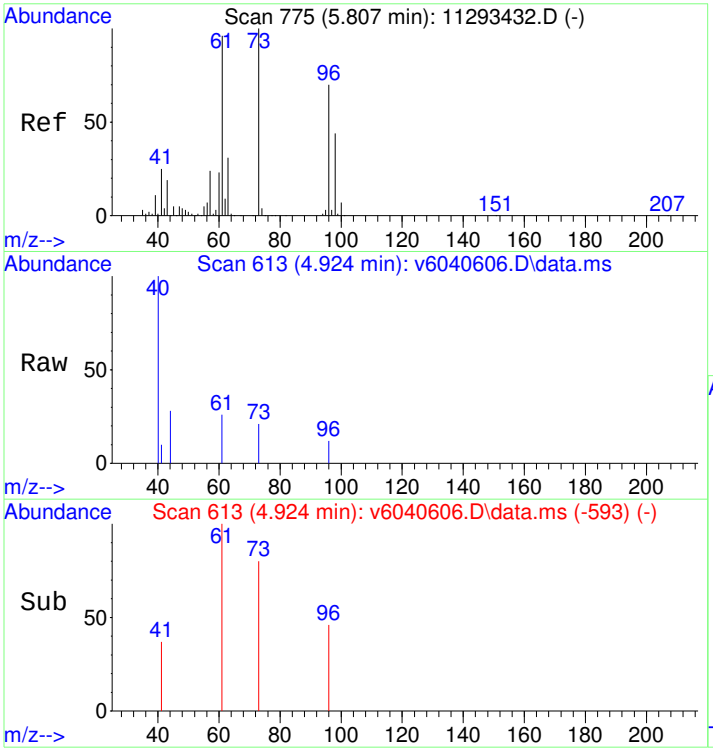


#19
Methyl-tert-Butyl Ether
Concen: 1.04 ug/L
RT: 4.880 min Scan# 605
Delta R.T. 0.005 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion: 73 Resp: 8930

Ion	Ratio	Lower	Upper
73	100		
57	23.5	24.3	45.1#
41	36.7	22.2	41.2
43	25.1	20.6	38.4

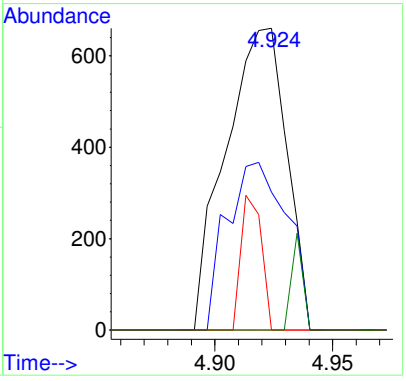


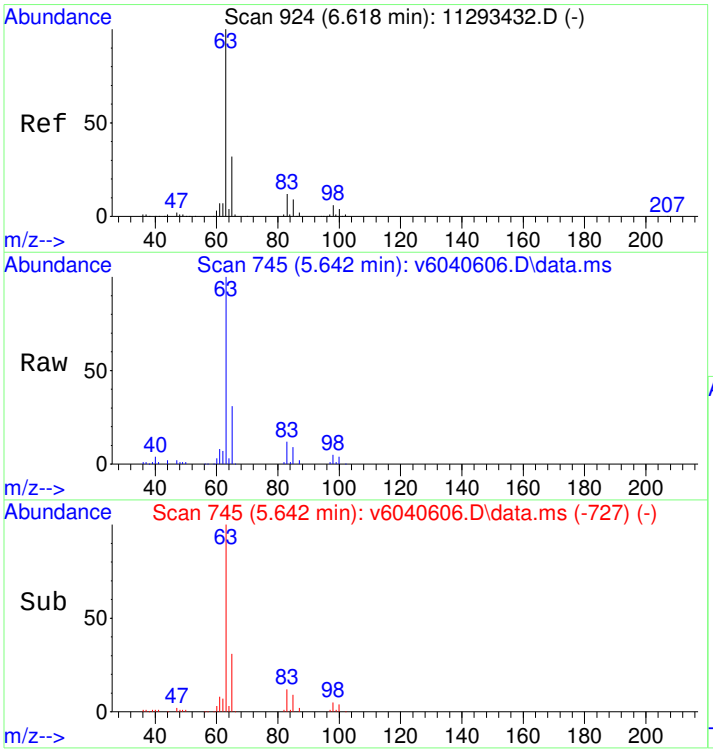


#21
trans-1,2-Dichloroethene
Concen: 0.21 ug/L
RT: 4.924 min Scan# 613
Delta R.T. 0.010 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion: 61 Resp: 1189

Ion	Ratio	Lower	Upper
61	100		
96	54.8	35.0	65.0
98	15.1	22.1	41.1#
63	5.8	20.3	37.7#

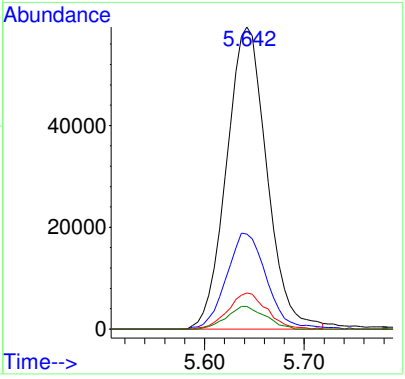


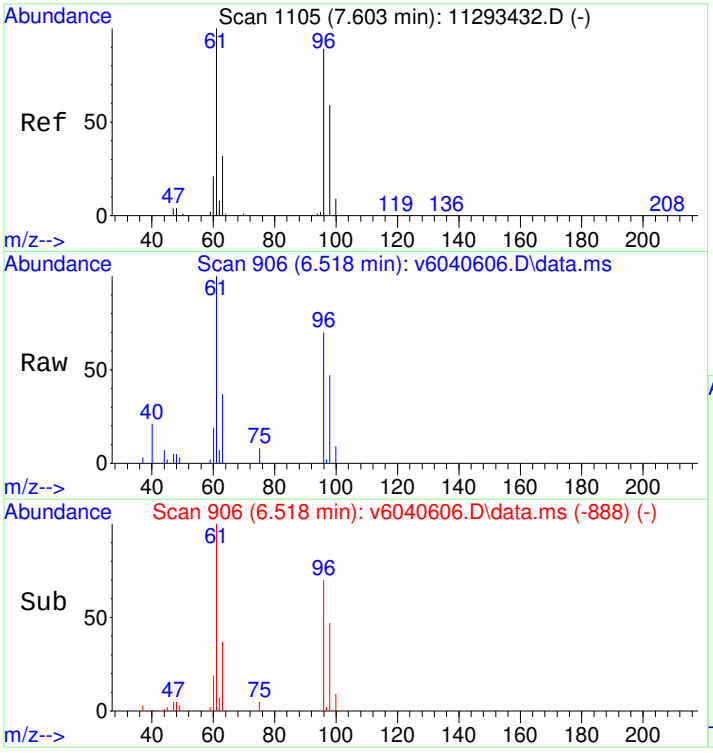


#23
1,1-Dichloroethane
Concen: 22.72 ug/L
RT: 5.642 min Scan# 745
Delta R.T. 0.000 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion: 63 Resp: 166962

Ion	Ratio	Lower	Upper
63	100		
65	31.5	19.8	36.8
83	11.5	6.9	12.7
61	7.1	7.6	14.2#

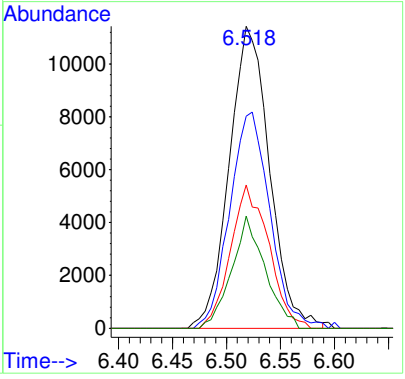


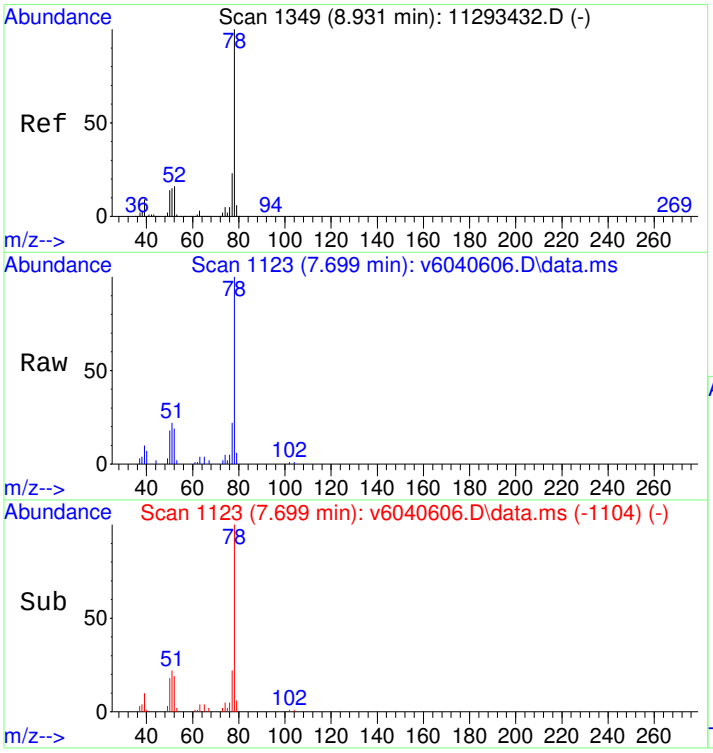


#28
cis-1,2-Dichloroethene
Concen: 4.88 ug/L
RT: 6.518 min Scan# 906
Delta R.T. -0.001 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion: 61 Resp: 29617

Ion	Ratio	Lower	Upper
61	100		
96	71.3	38.4	71.2#
98	45.0	24.4	45.4
63	30.8	20.4	38.0

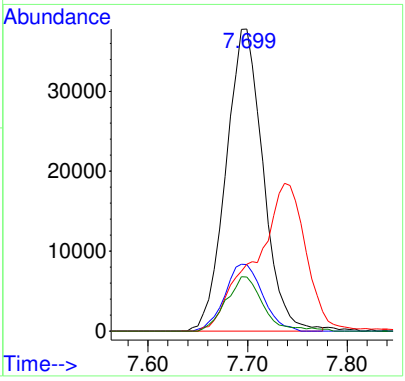


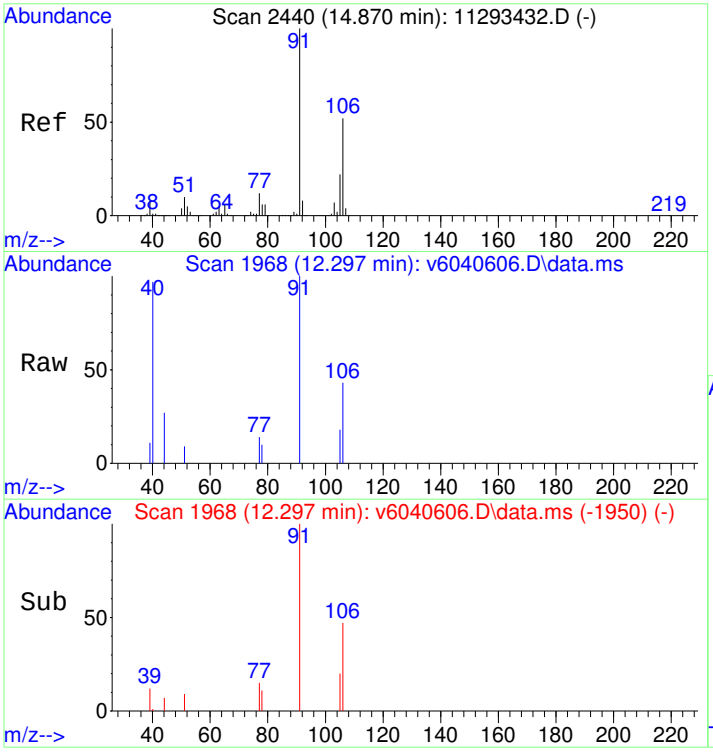


#42
Benzene
Concen: 6.55 ug/L
RT: 7.699 min Scan# 1123
Delta R.T. 0.002 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion: 78 Resp: 97752

Ion	Ratio	Lower	Upper
78	100		
77	22.6	16.0	29.6
51	65.9	19.0	35.4#
50	17.9	16.7	30.9

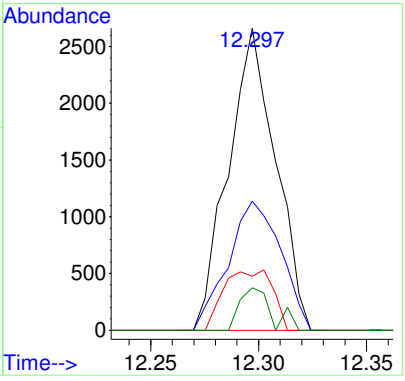


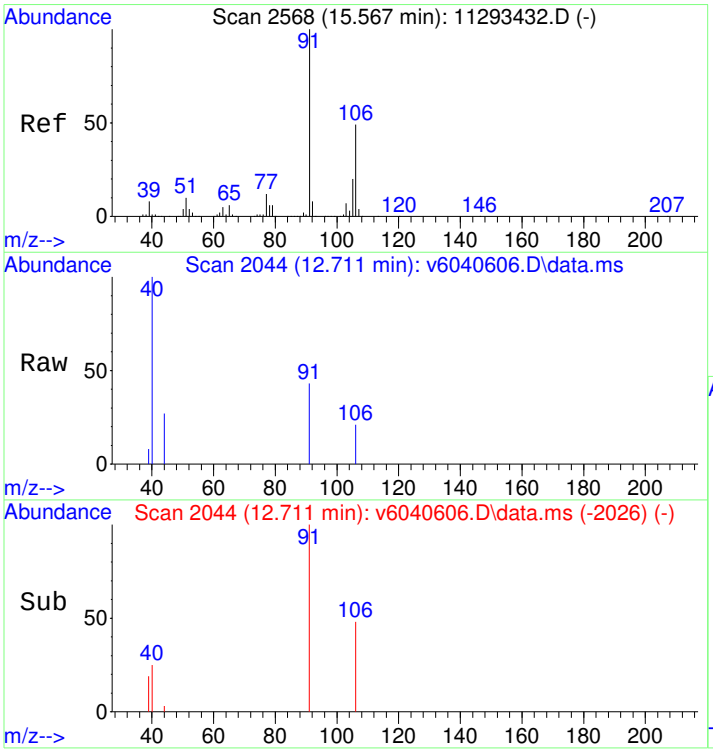


#68
m,p-Xylenes
Concen: 0.33 ug/L
RT: 12.297 min Scan# 1968
Delta R.T. -0.002 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion: 91 Resp: 4060

Ion	Ratio	Lower	Upper
91	100		
106	47.4	34.1	63.3
105	20.5	15.2	28.2
77	9.5	9.1	16.9

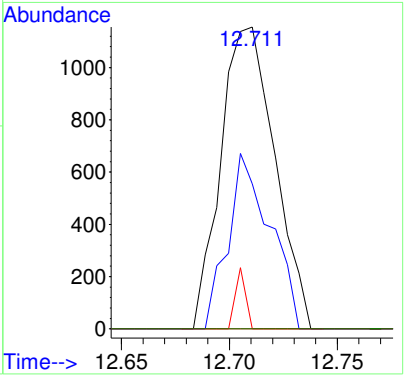


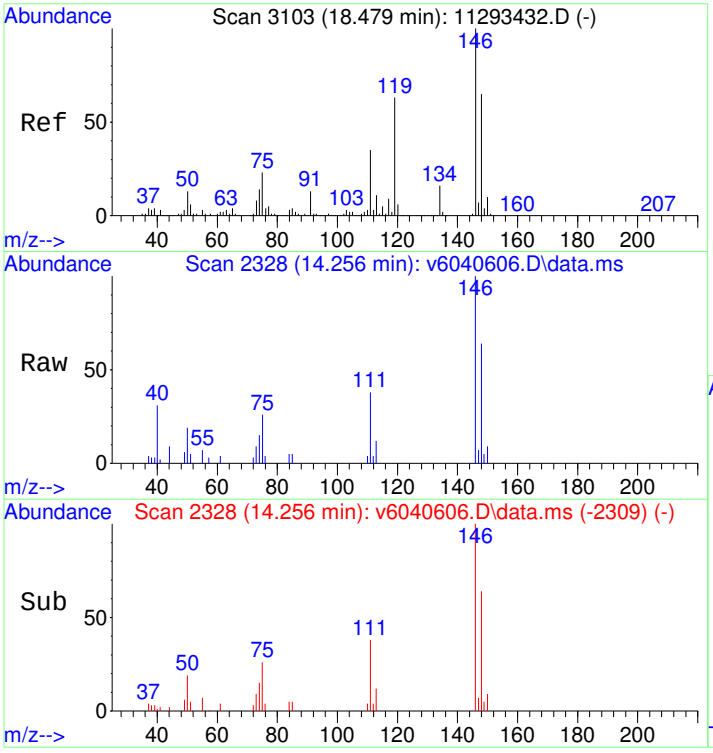


#69
o-Xylene
Concen: 0.16 ug/L
RT: 12.711 min Scan# 2044
Delta R.T. 0.000 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion: 91 Resp: 2009

Ion	Ratio	Lower	Upper
91	100		
106	45.3	32.1	59.5
105	3.8	13.1	24.3#
77	0.0	8.5	15.9#

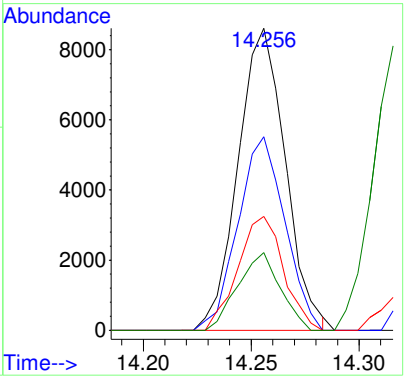


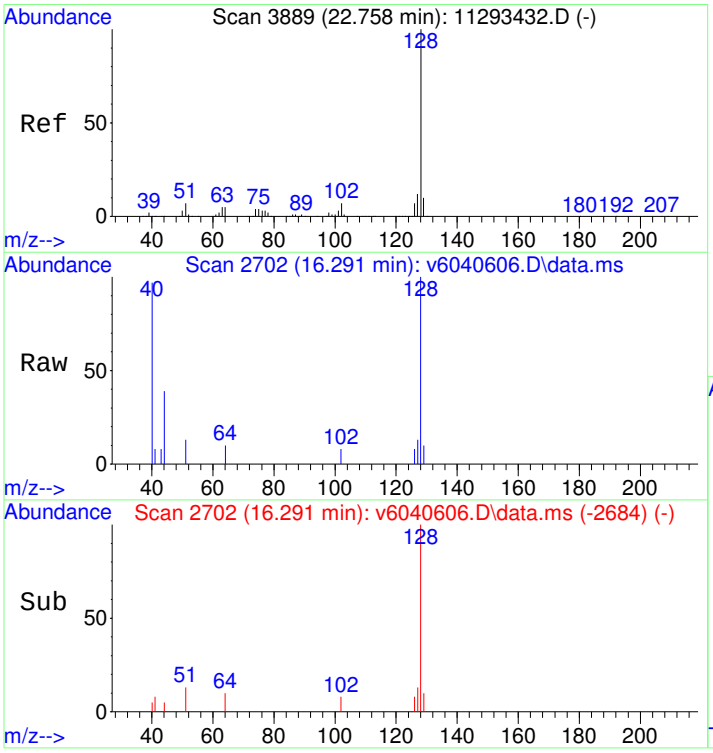


#87
1,3-Dichlorobenzene
Concen: 1.67 ug/L
RT: 14.256 min Scan# 2328
Delta R.T. 0.001 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion:146 Resp: 13129

Ion	Ratio	Lower	Upper
146	100		
148	63.6	43.4	80.6
111	36.3	28.1	52.3
75	23.1	21.5	39.9

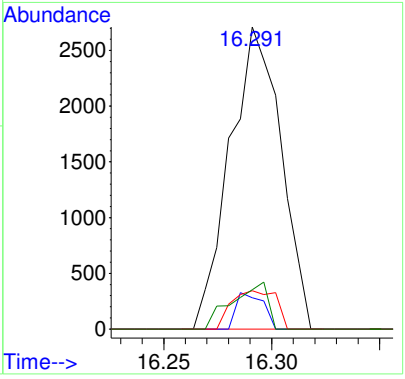




#95
Naphthalene
Concen: 0.36 ug/L
RT: 16.291 min Scan# 2702
Delta R.T. -0.004 min
Lab File: v6040606.D
Acq: 6 Apr 11 11:00 am

Tgt Ion:128 Resp: 4463

Ion	Ratio	Lower	Upper
128	100		
129	6.3	8.2	15.2#
127	11.1	8.1	15.1
51	10.8	9.9	18.3



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-02

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040509.D Vial: 11
Acq On : 5 Apr 2011 3:07 pm Operator: MBH
Sample : 11C1255-02 Inst : MSD6
Misc : GL-02 (-29)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 15:34:08 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

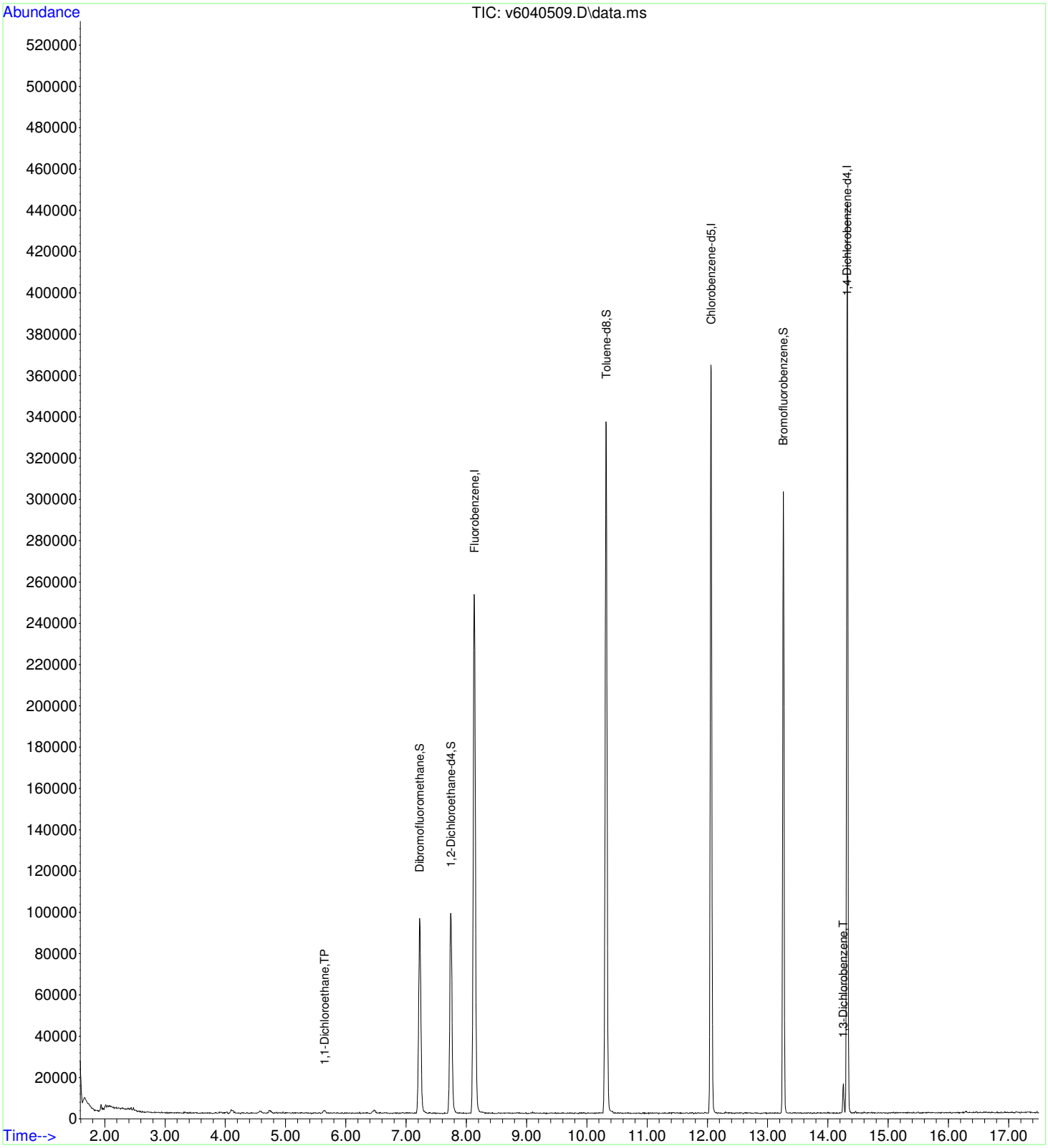
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.134	96	305655	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.063	117	231413	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.321	152	114301	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.226	111	81538	25.55	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 102.20%			
39) 1,2-Dichloroethane-d4	7.742	65	87593	25.45	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.80%			
61) Toluene-d8	10.322	98	278794	24.48	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.92%			
76) Bromofluorobenzene	13.260	95	97804	24.61	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 98.44%			
Target Compounds						Qvalue
23) 1,1-Dichloroethane	5.648	63	2530	0.38	ug/L #	68
87) 1,3-Dichlorobenzene	14.256	146	6804	0.95	ug/L	94

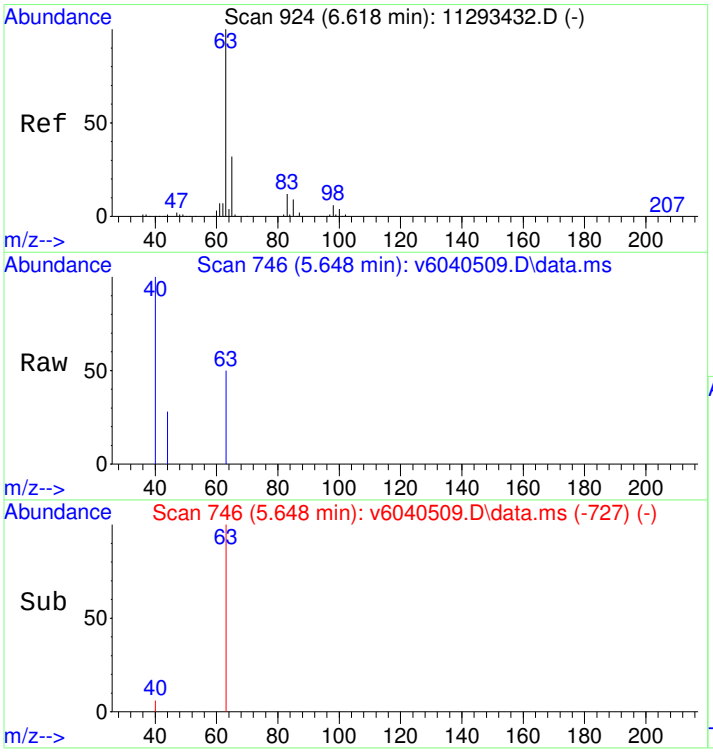
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040509.D Vial: 11
Acq On : 5 Apr 2011 3:07 pm Operator: MBH
Sample : 11C1255-02 Inst : MSD6
Misc : GL-02 (-29)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 15:34:08 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

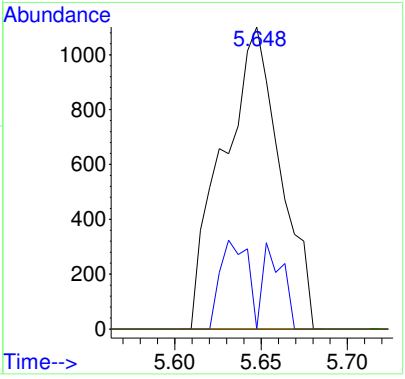


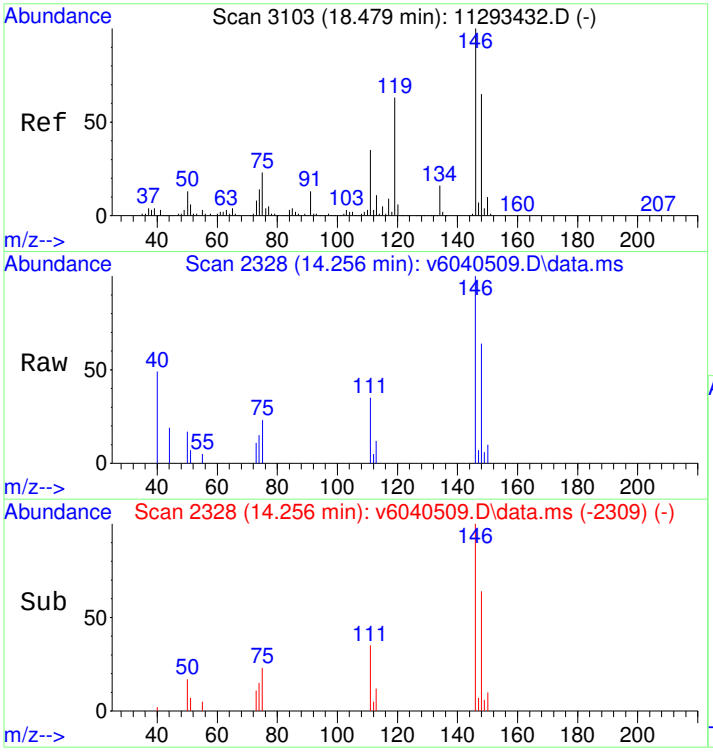


#23
1,1-Dichloroethane
Concen: 0.38 ug/L
RT: 5.648 min Scan# 746
Delta R.T. 0.005 min
Lab File: v6040509.D
Acq: 5 Apr 11 3:07 pm

Tgt Ion: 63 Resp: 2530

Ion	Ratio	Lower	Upper
63	100		
65	9.8	19.8	36.8#
83	0.0	6.9	12.7#
61	0.0	7.6	14.2#

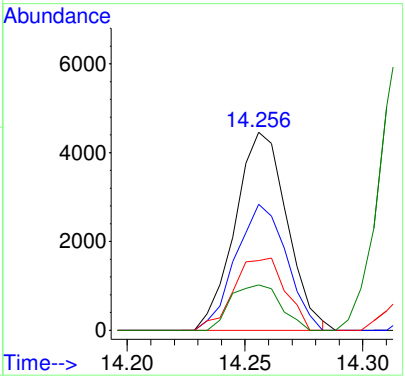




#87
1,3-Dichlorobenzene
Concen: 0.95 ug/L
RT: 14.256 min Scan# 2328
Delta R.T. 0.001 min
Lab File: v6040509.D
Acq: 5 Apr 11 3:07 pm

Tgt Ion:146 Resp: 6804

Ion	Ratio	Lower	Upper
146	100		
148	62.2	43.4	80.6
111	36.3	28.1	52.3
75	22.1	21.5	39.9



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-03RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\04\v6040422.D Vial: 22
Acq On : 4 Apr 2011 8:25 pm Operator: mbh
Sample : 11C1255-03RE1 Inst : MSD6
Misc : GL-03 (-3)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 08:53:15 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Fri Apr 01 16:00:33 2011
Response via : Initial Calibration

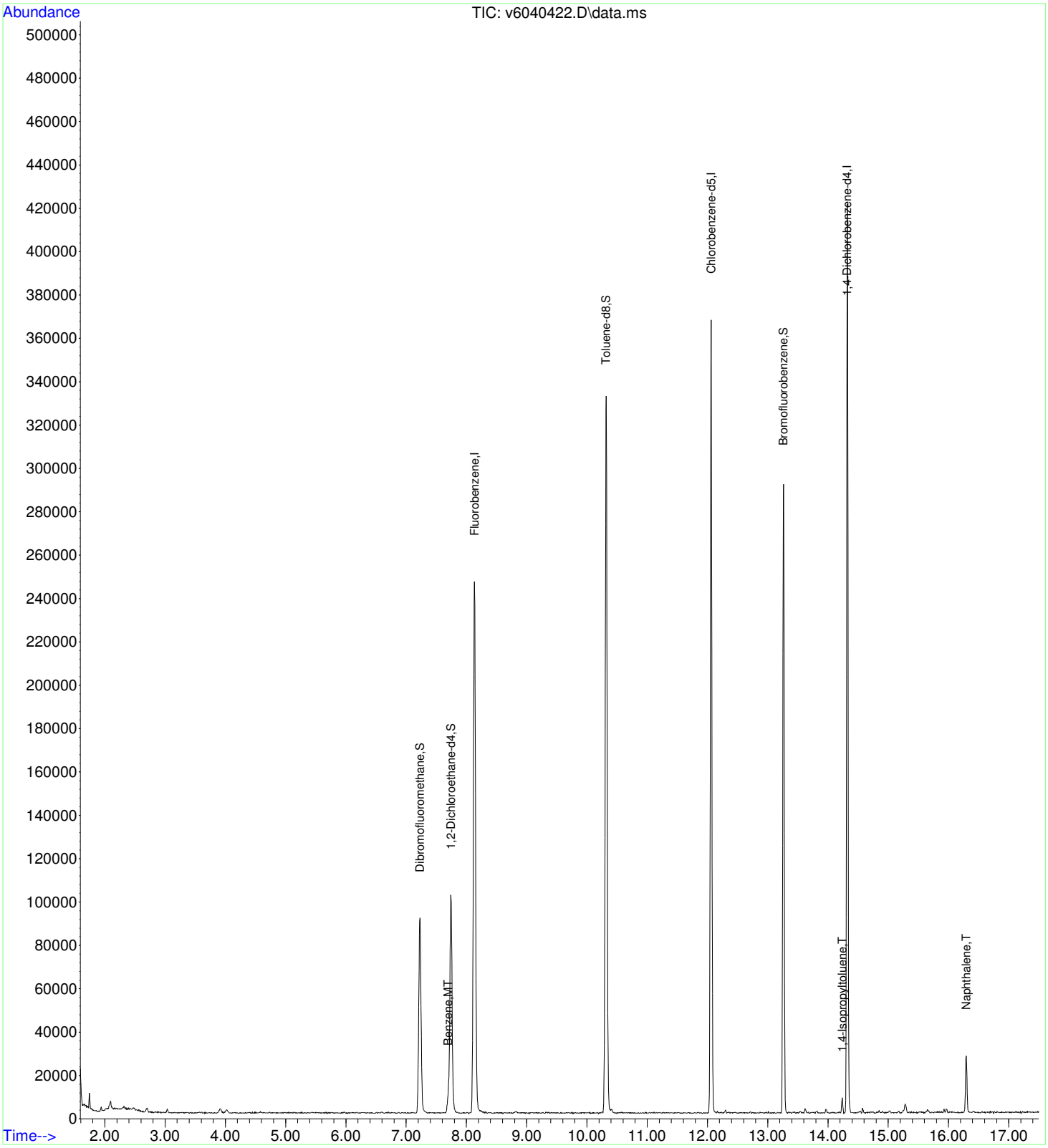
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.133	96	299336	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.062	117	228184	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.320	152	112974	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.230	111	80164	25.65	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 102.60%			
39) 1,2-Dichloroethane-d4	7.741	65	86999	25.81	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 103.24%			
61) Toluene-d8	10.315	98	272952	24.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.20%			
76) Bromofluorobenzene	13.259	95	96275	24.51	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 98.04%			
Target Compounds						Qvalue
42) Benzene	7.698	78	10788	0.81	ug/L	# 1
86) 1,4-Isopropyltoluene	14.238	119	4752	0.43	ug/L	# 92
95) Naphthalene	16.295	128	24533	2.18	ug/L	# 94

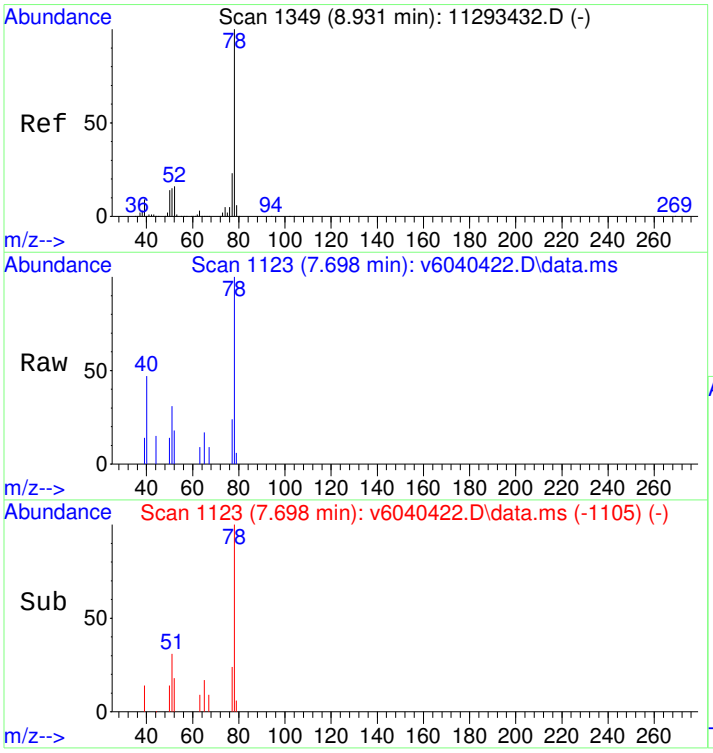
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\04\v6040422.D Vial: 22
Acq On : 4 Apr 2011 8:25 pm Operator: mbh
Sample : 11C1255-03RE1 Inst : MSD6
Misc : GL-03 (-3)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 08:53:15 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Fri Apr 01 16:00:33 2011
Response via : Initial Calibration

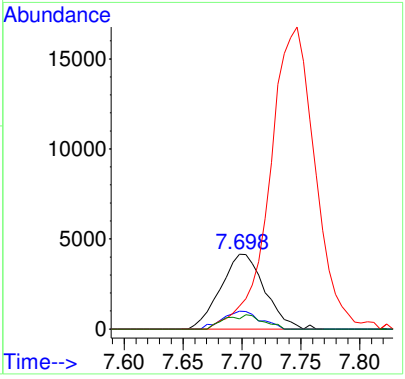


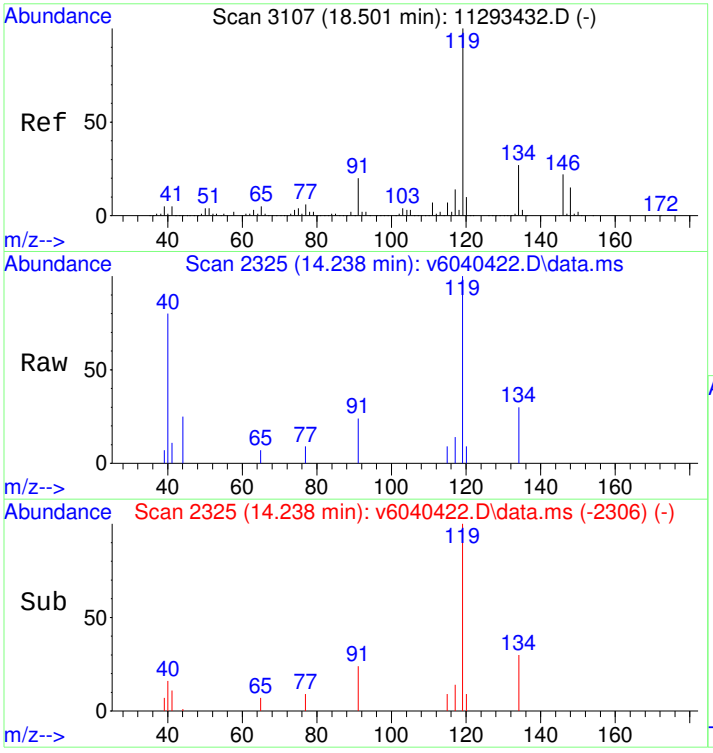


#42
Benzene
Concen: 0.81 ug/L
RT: 7.698 min Scan# 1123
Delta R.T. 0.001 min
Lab File: v6040422.D
Acq: 4 Apr 11 8:25 pm

Tgt Ion: 78 Resp: 10788

Ion	Ratio	Lower	Upper
78	100		
77	20.5	16.0	29.6
51	406.2	19.0	35.4#
50	16.3	16.7	30.9#

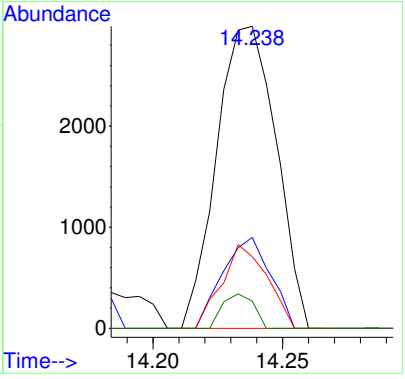


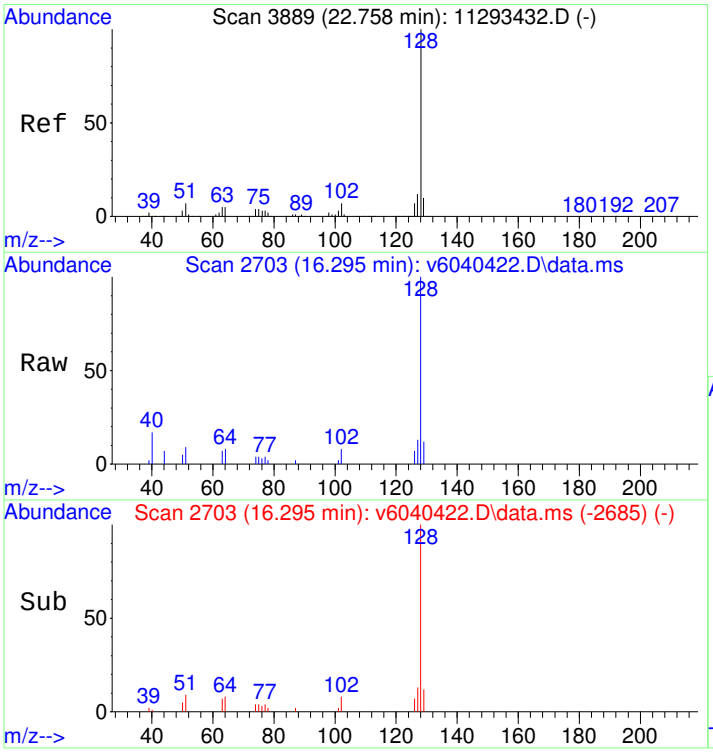


#86
1,4-Isopropyltoluene
Concen: 0.43 ug/L
RT: 14.238 min Scan# 2325
Delta R.T. 0.004 min
Lab File: v6040422.D
Acq: 4 Apr 11 8:25 pm

Tgt Ion:119 Resp: 4752

Ion	Ratio	Lower	Upper
119	100		
134	24.2	19.0	35.2
91	21.1	17.9	33.3
120	6.0	6.9	12.7#

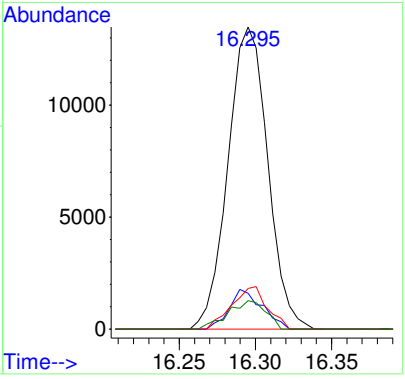




#95
Naphthalene
Concen: 2.18 ug/L
RT: 16.295 min Scan# 2703
Delta R.T. 0.001 min
Lab File: v6040422.D
Acq: 4 Apr 11 8:25 pm

Tgt Ion:128 Resp: 24533

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.2	15.2
127	12.5	8.1	15.1
51	8.9	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-04RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040505.D Vial: 7
Acq On : 5 Apr 2011 1:00 pm Operator: MBH
Sample : 11C1255-04RE1 Inst : MSD6
Misc : GL-03 (-16)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 05 14:04:15 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

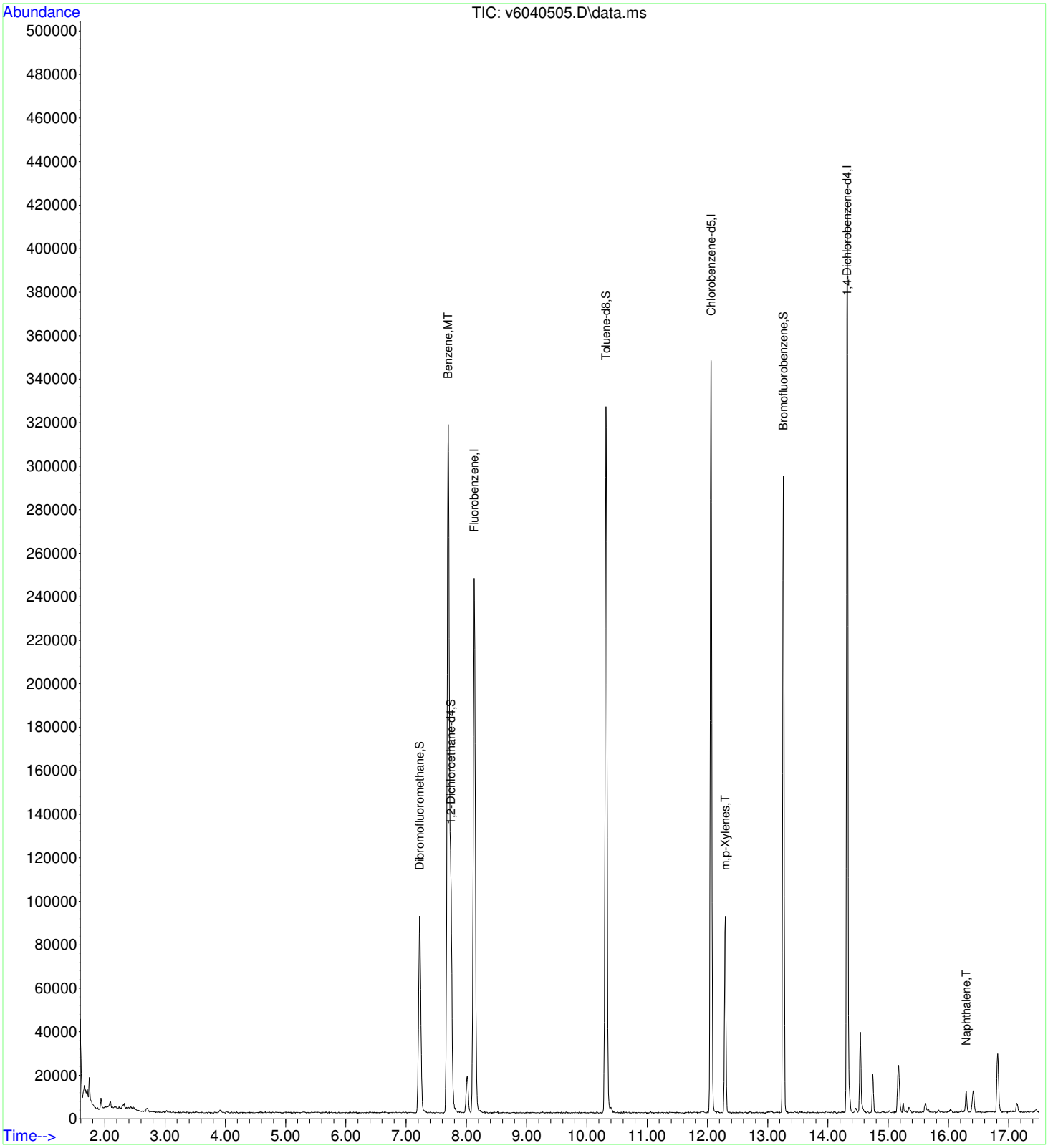
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.128	96	293117	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.062	117	223631	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.320	152	109740	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.225	111	76699	25.06	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 100.24%			
39) 1,2-Dichloroethane-d4	7.742	65	83215	25.21	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 100.84%			
61) Toluene-d8	10.316	98	269337	24.47	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.88%			
76) Bromofluorobenzene	13.259	95	95024	24.91	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 99.64%			
Target Compounds						Qvalue
42) Benzene	7.698	78	363379	27.86	ug/L	91
68) m,p-Xylenes	12.296	91	54291	4.94	ug/L	97
95) Naphthalene	16.296	128	9436	0.86	ug/L #	92

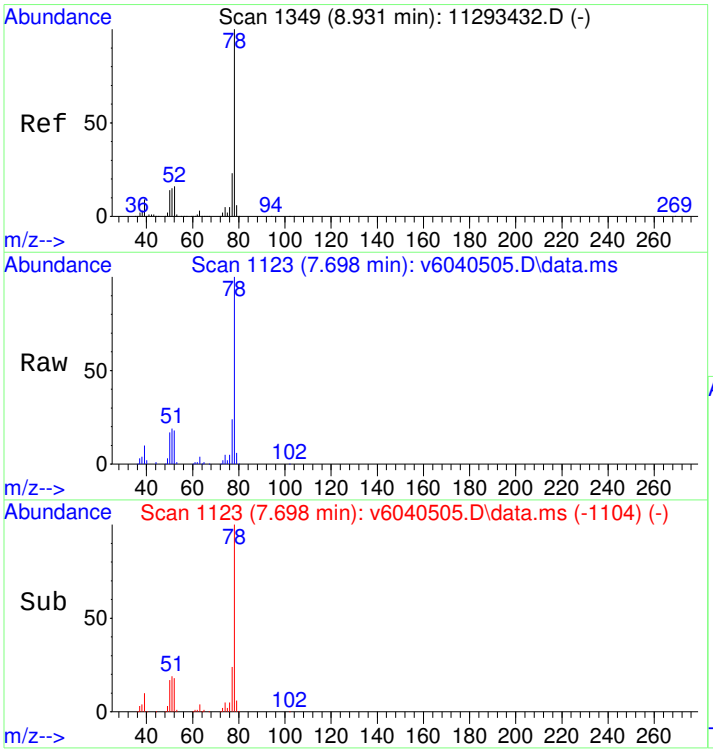
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040505.D Vial: 7
Acq On : 5 Apr 2011 1:00 pm Operator: MBH
Sample : 11C1255-04RE1 Inst : MSD6
Misc : GL-03 (-16)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 05 14:04:15 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

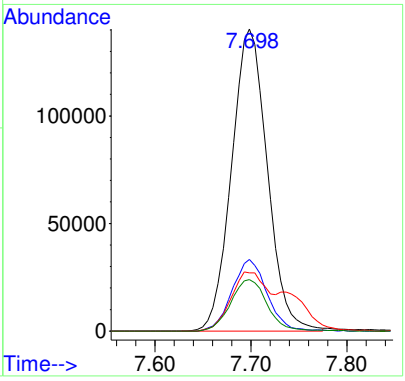


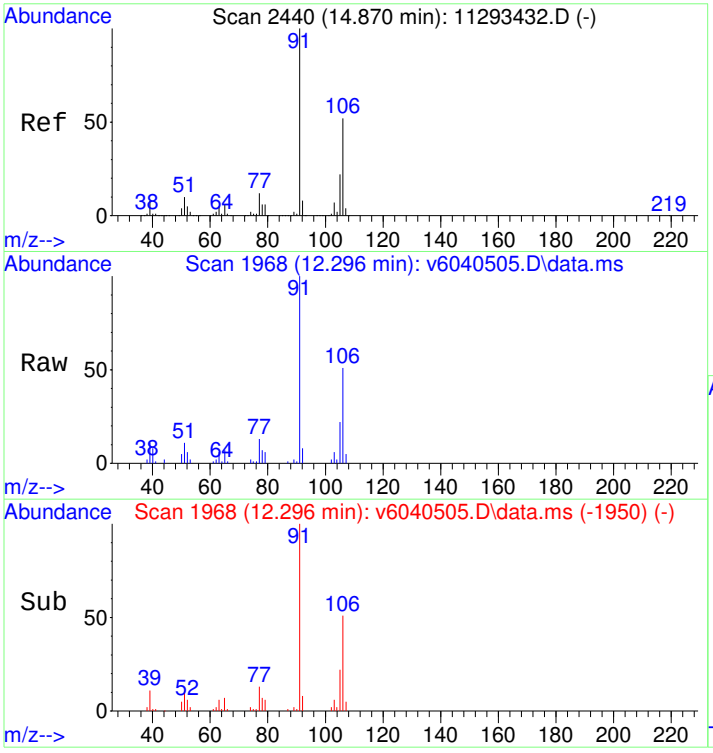


#42
Benzene
Concen: 27.86 ug/L
RT: 7.698 min Scan# 1123
Delta R.T. 0.001 min
Lab File: v6040505.D
Acq: 5 Apr 11 1:00 pm

Tgt Ion: 78 Resp: 363379

Ion	Ratio	Lower	Upper
78	100		
77	23.2	16.0	29.6
51	20.7	19.0	35.4
50	17.2	16.7	30.9

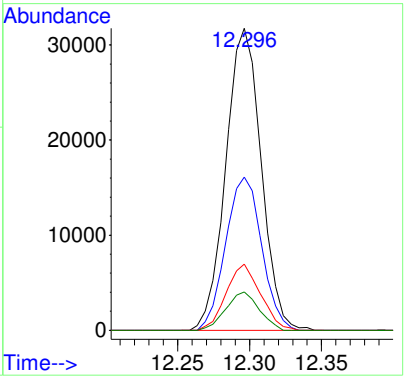


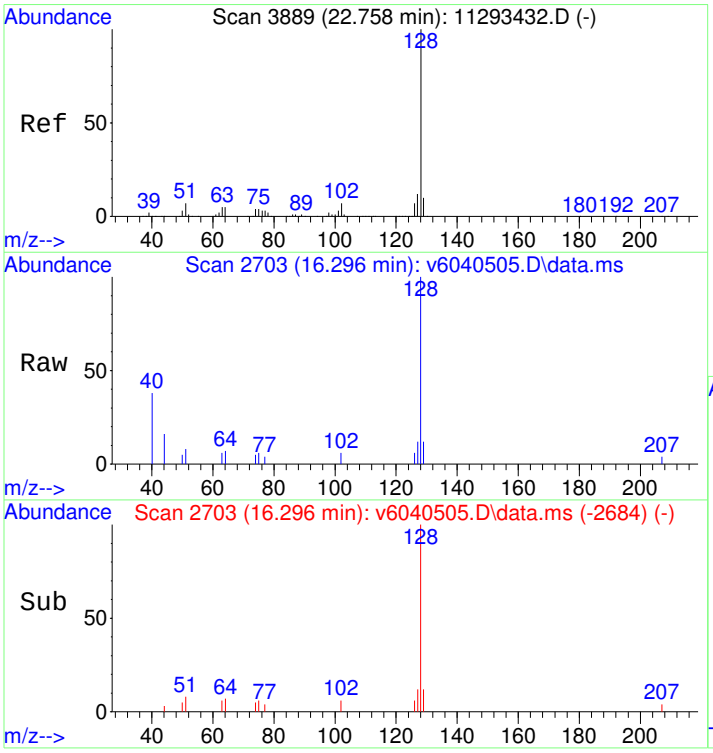


#68
m,p-Xylenes
Concen: 4.94 ug/L
RT: 12.296 min Scan# 1968
Delta R.T. -0.003 min
Lab File: v6040505.D
Acq: 5 Apr 11 1:00 pm

Tgt Ion: 91 Resp: 54291

Ion	Ratio	Lower	Upper
91	100		
106	51.5	34.1	63.3
105	21.2	15.2	28.2
77	12.0	9.1	16.9

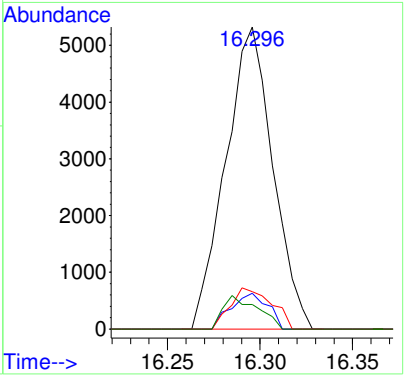




#95
Naphthalene
Concen: 0.86 ug/L
RT: 16.296 min Scan# 2703
Delta R.T. 0.001 min
Lab File: v6040505.D
Acq: 5 Apr 11 1:00 pm

Tgt Ion:128 Resp: 9436

Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.2	15.2
127	11.9	8.1	15.1
51	8.1	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-05

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040510.D Vial: 12
Acq On : 5 Apr 2011 3:40 pm Operator: MBH
Sample : 11C1255-05 Inst : MSD6
Misc : GL-05 (-7)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 06 06:42:35 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

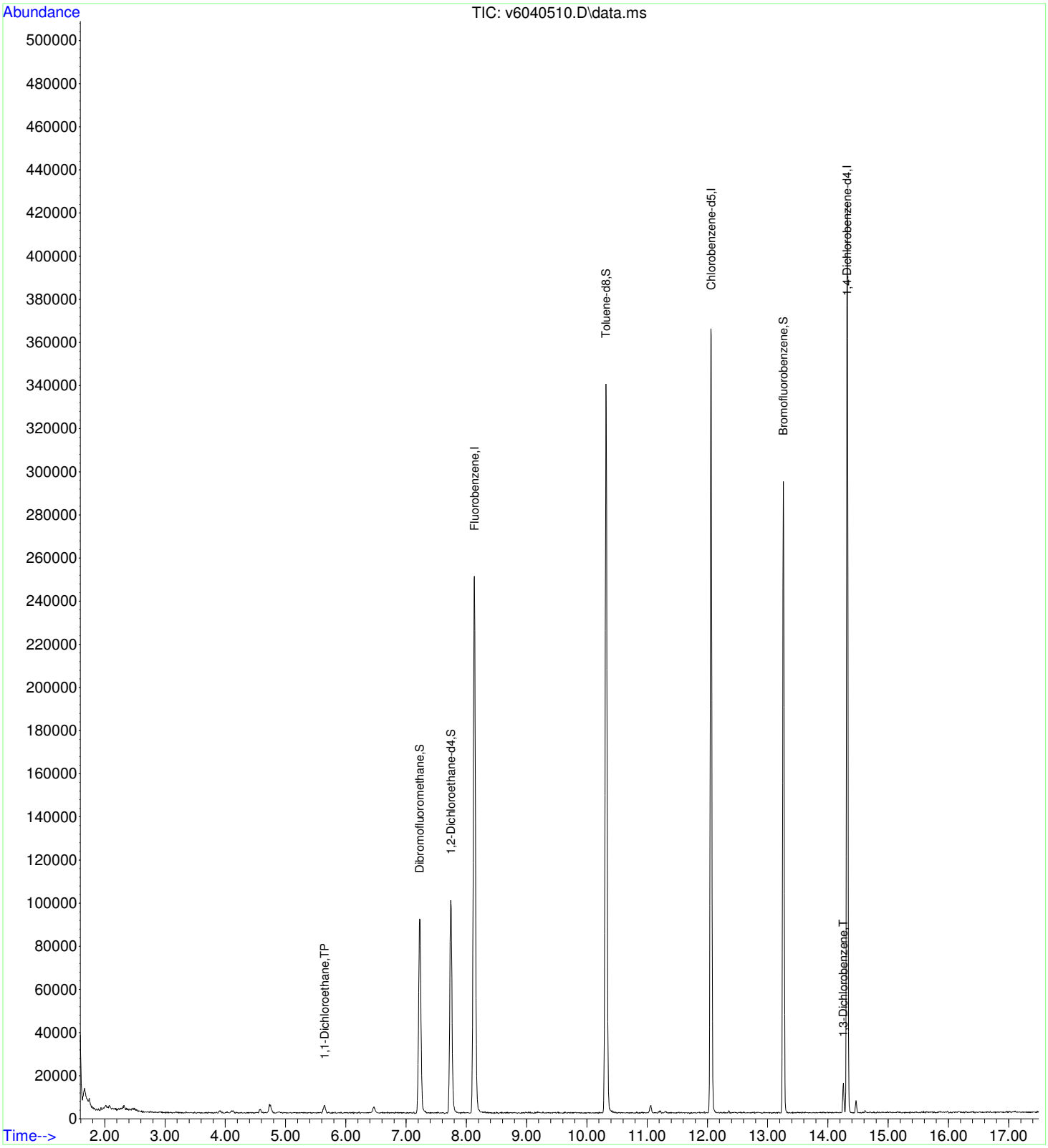
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.134	96	304171	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.063	117	229400	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.321	152	113148	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.226	111	80418	25.32	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.28%			
39) 1,2-Dichloroethane-d4	7.743	65	86730	25.32	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.28%			
61) Toluene-d8	10.316	98	275818	24.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.72%			
76) Bromofluorobenzene	13.260	95	97298	24.74	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 98.96%			
Target Compounds						Qvalue
23) 1,1-Dichloroethane	5.648	63	5754	0.86	ug/L #	92
87) 1,3-Dichlorobenzene	14.256	146	6192	0.87	ug/L	96

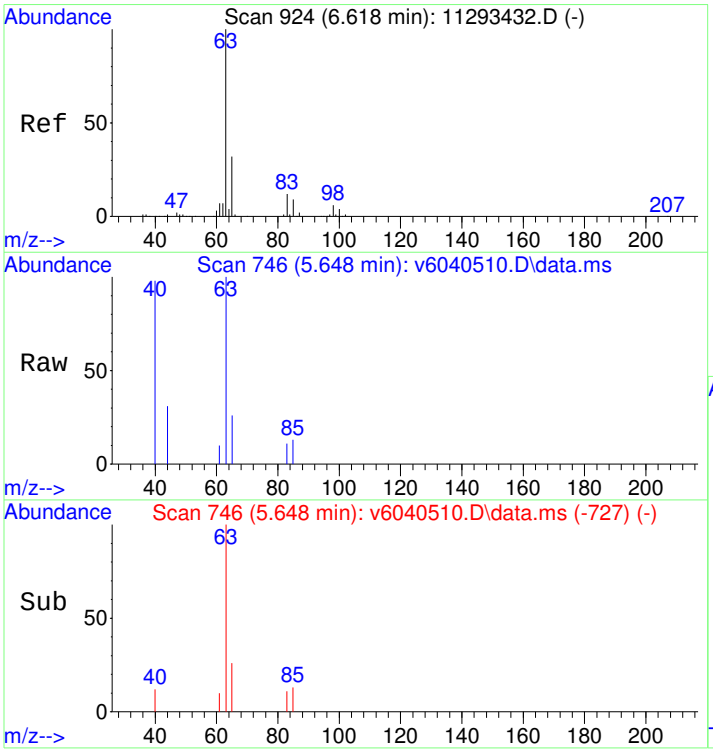
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040510.D Vial: 12
Acq On : 5 Apr 2011 3:40 pm Operator: MBH
Sample : 11C1255-05 Inst : MSD6
Misc : GL-05 (-7)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 06 06:42:35 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

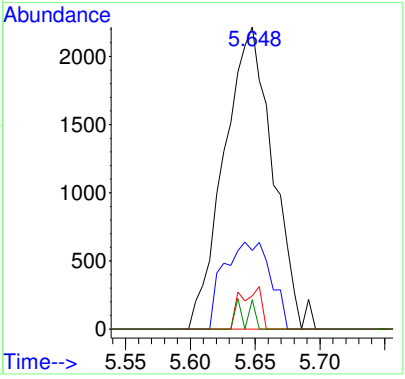


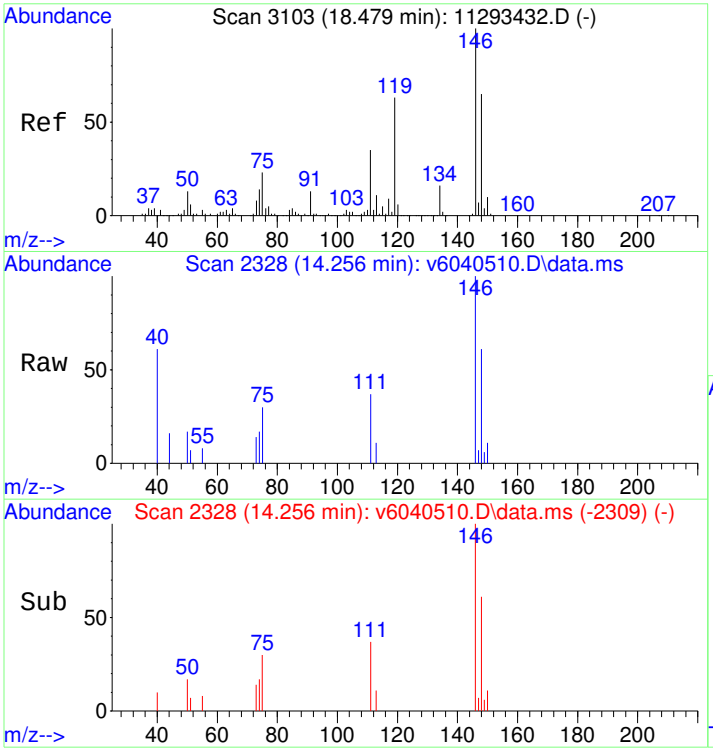


#23
1,1-Dichloroethane
Concen: 0.86 ug/L
RT: 5.648 min Scan# 746
Delta R.T. 0.005 min
Lab File: v6040510.D
Acq: 5 Apr 11 3:40 pm

Tgt Ion: 63 Resp: 5754

Ion	Ratio	Lower	Upper
63	100		
65	27.6	19.8	36.8
83	5.9	6.9	12.7#
61	2.5	7.6	14.2#

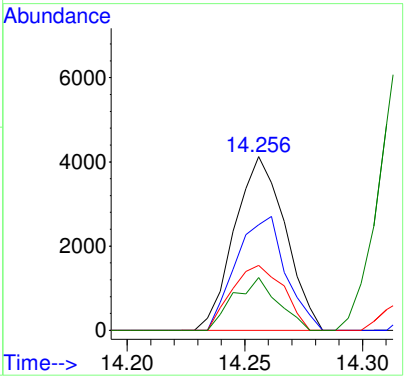




#87
1,3-Dichlorobenzene
Concen: 0.87 ug/L
RT: 14.256 min Scan# 2328
Delta R.T. 0.001 min
Lab File: v6040510.D
Acq: 5 Apr 11 3:40 pm

Tgt Ion:146 Resp: 6192

Ion	Ratio	Lower	Upper
146	100		
148	63.9	43.4	80.6
111	37.9	28.1	52.3
75	26.4	21.5	39.9



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-06

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040511.D Vial: 13
Acq On : 5 Apr 2011 4:12 pm Operator: MBH
Sample : 11C1255-06 Inst : MSD6
Misc : GL-05 (-25)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 05 16:29:34 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

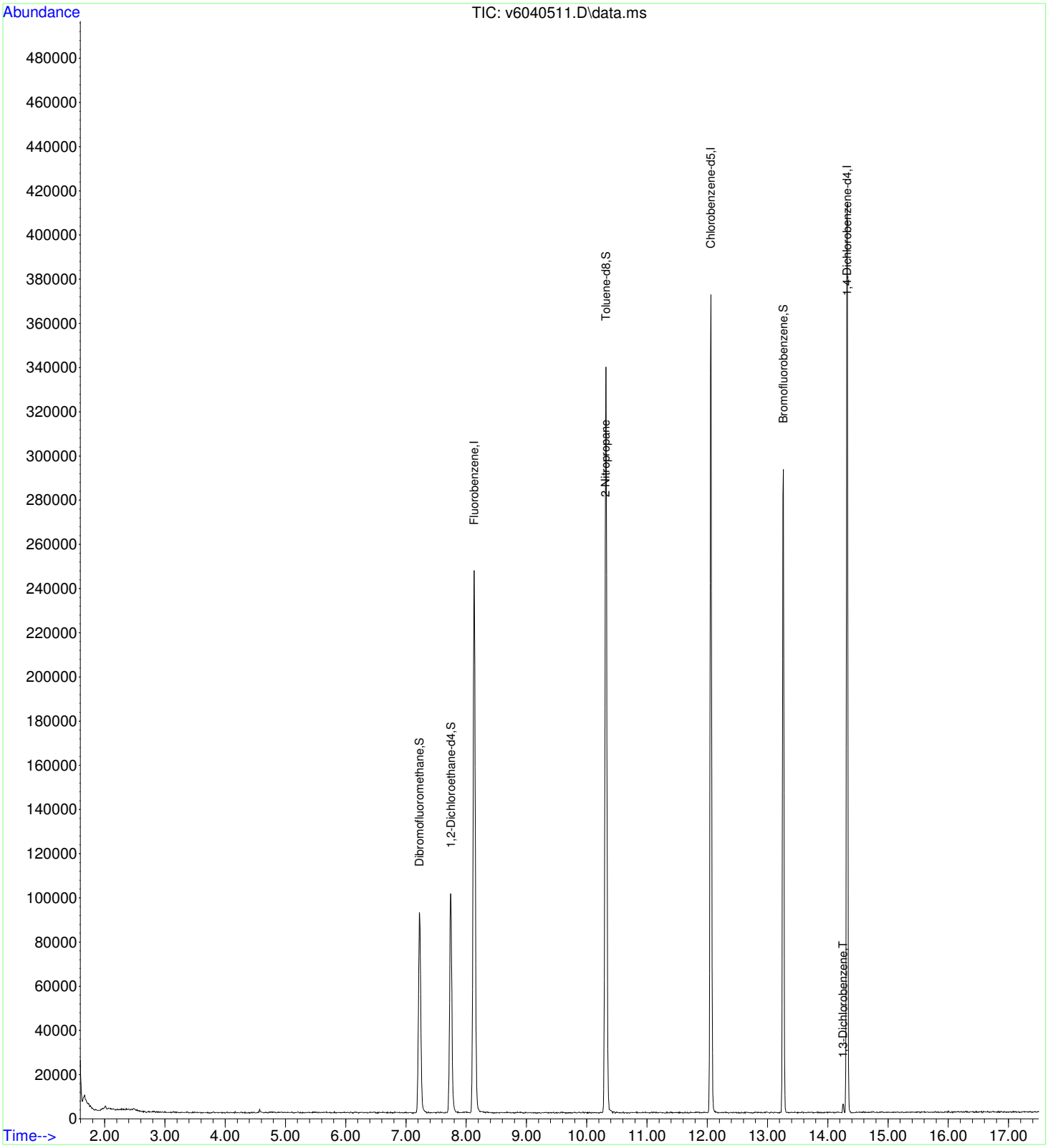
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.131	96	297640	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.060	117	231198	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.323	152	110895	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.222	111	80005	25.75	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 103.00%			
39) 1,2-Dichloroethane-d4	7.745	65	87188	26.01	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 104.04%			
61) Toluene-d8	10.318	98	276143	24.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.08%			
76) Bromofluorobenzene	13.262	95	97065	25.18	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 100.72%			
Target Compounds						Qvalue
50) 2-Nitropropane	10.308	43	1082	0.06	ug/L #	39
87) 1,3-Dichlorobenzene	14.253	146	2017	0.29	ug/L	95

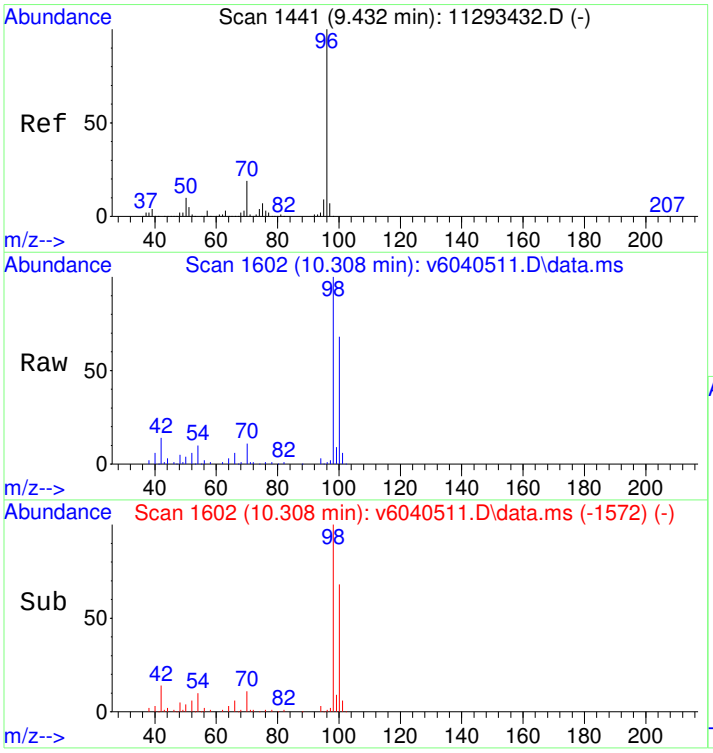
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040511.D Vial: 13
Acq On : 5 Apr 2011 4:12 pm Operator: MBH
Sample : 11C1255-06 Inst : MSD6
Misc : GL-05 (-25)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 05 16:29:34 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

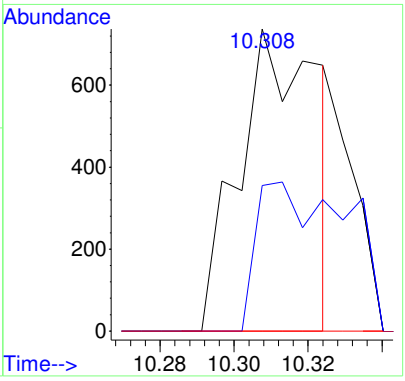


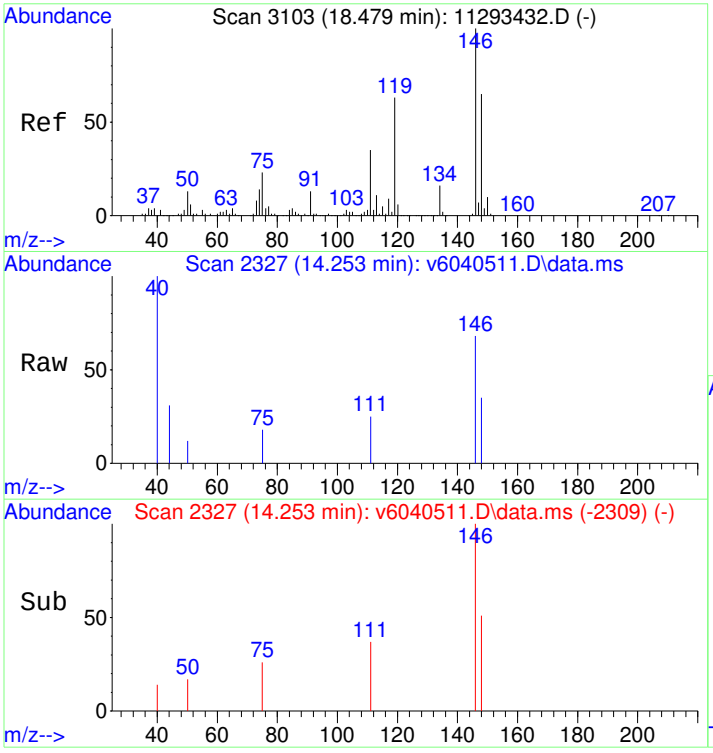


#50
2-Nitropropane
Concen: 0.06 ug/L
RT: 10.308 min Scan# 1602
Delta R.T. 0.063 min
Lab File: v6040511.D
Acq: 5 Apr 11 4:12 pm

Tgt Ion: 43 Resp: 1082

Ion	Ratio	Lower	Upper
43	100		
41	29.3	61.5	114.1#
39	0.0	21.0	39.0#

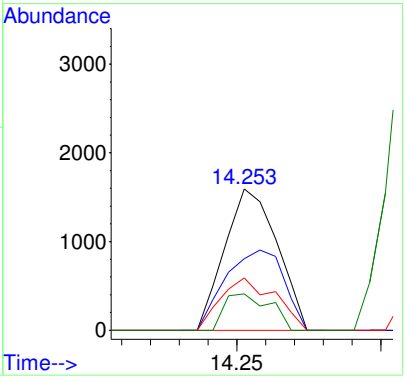




#87
1,3-Dichlorobenzene
Concen: 0.29 ug/L
RT: 14.253 min Scan# 2327
Delta R.T. -0.002 min
Lab File: v6040511.D
Acq: 5 Apr 11 4:12 pm

Tgt Ion:146 Resp: 2017

Ion	Ratio	Lower	Upper
146	100		
148	63.2	43.4	80.6
111	38.1	28.1	52.3
75	22.4	21.5	39.9



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-07RE2

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040506.D Vial: 8
Acq On : 5 Apr 2011 1:31 pm Operator: MBH
Sample : 11C1255-07RE2 Inst : MSD6
Misc : GL-09 (-2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 05 14:05:04 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

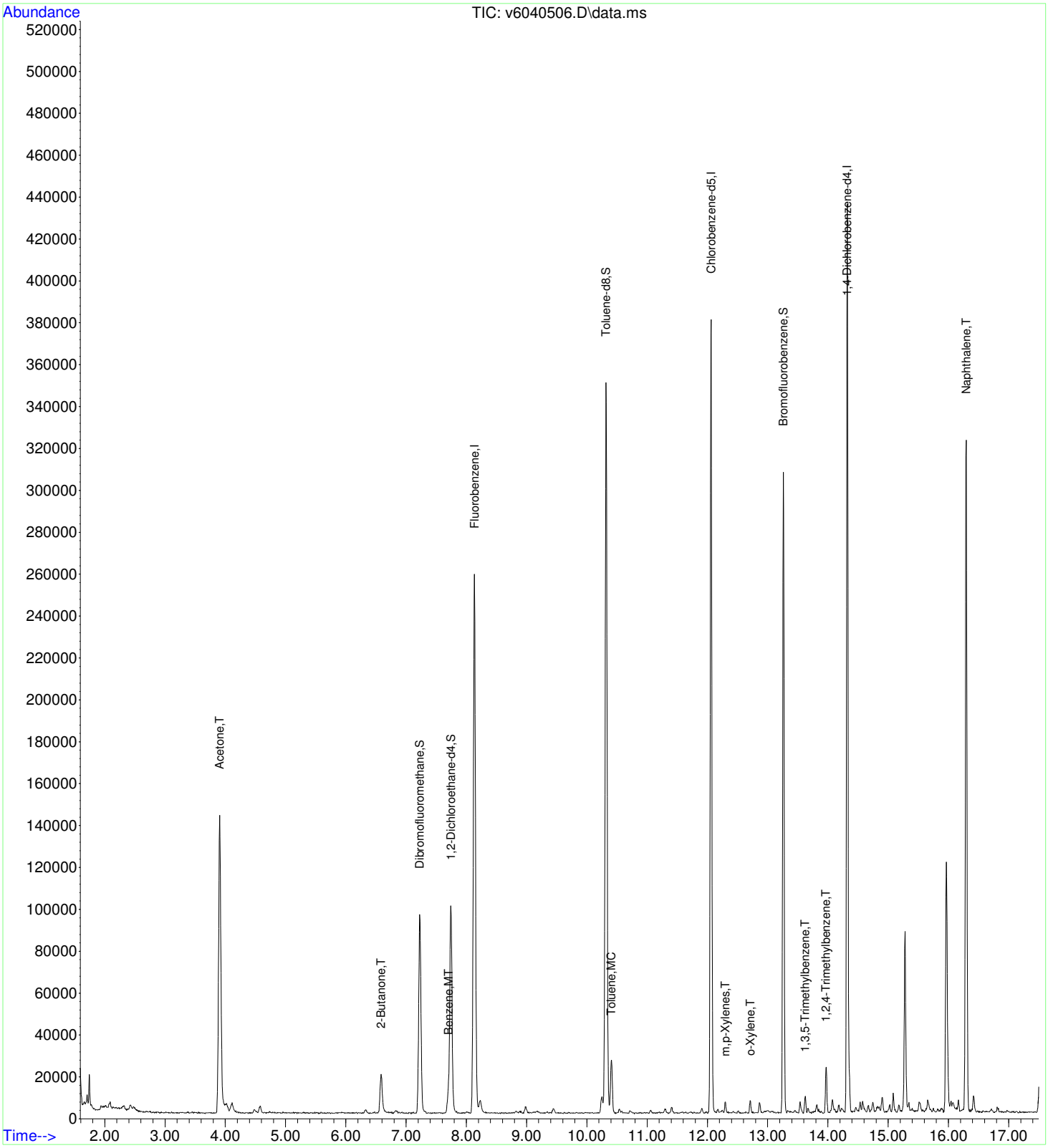
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	8.134	96	309427	25.00	ug/L		0.00
60) Chlorobenzene-d5	12.063	117	240182	25.00	ug/L		0.00
73) 1,4-Dichlorobenzene-d4	14.321	152	114862	25.00	ug/L		0.00
System Monitoring Compounds							
36) Dibromofluoromethane	7.225	111	81242	25.15	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 100.60%				
39) 1,2-Dichloroethane-d4	7.742	65	87029	24.97	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 99.88%				
61) Toluene-d8	10.316	98	288430	24.40	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.60%				
76) Bromofluorobenzene	13.260	95	101889	25.52	ug/L		0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 102.08%				
Target Compounds							Qvalue
12) Acetone	3.906	58	43634	136.26	ug/L		93
29) 2-Butanone	6.583	43	35734	19.82	ug/L		98
42) Benzene	7.704	78	12131	0.88	ug/L	#	76
54) Toluene	10.403	91	22329	1.56	ug/L		96
68) m,p-Xylenes	12.297	91	3926	0.33	ug/L	#	96
69) o-Xylene	12.716	91	4356	0.36	ug/L		99
81) 1,3,5-Trimethylbenzene	13.619	105	4949	0.45	ug/L	#	93
84) 1,2,4-Trimethylbenzene	13.967	105	11503	1.02	ug/L		98
95) Naphthalene	16.296	128	283006	24.70	ug/L	#	94

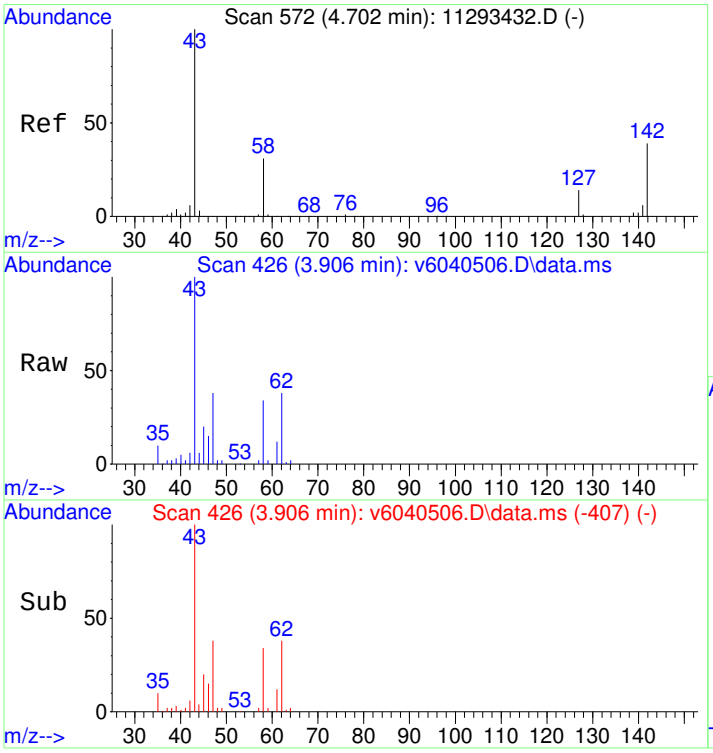
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040506.D Vial: 8
Acq On : 5 Apr 2011 1:31 pm Operator: MBH
Sample : 11C1255-07RE2 Inst : MSD6
Misc : GL-09 (-2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 05 14:05:04 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

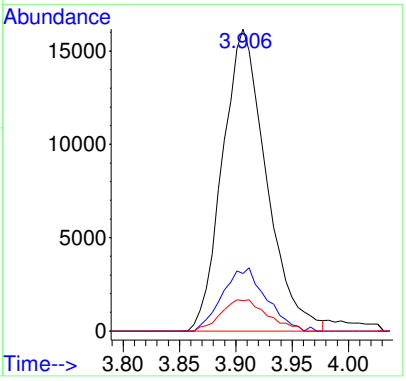


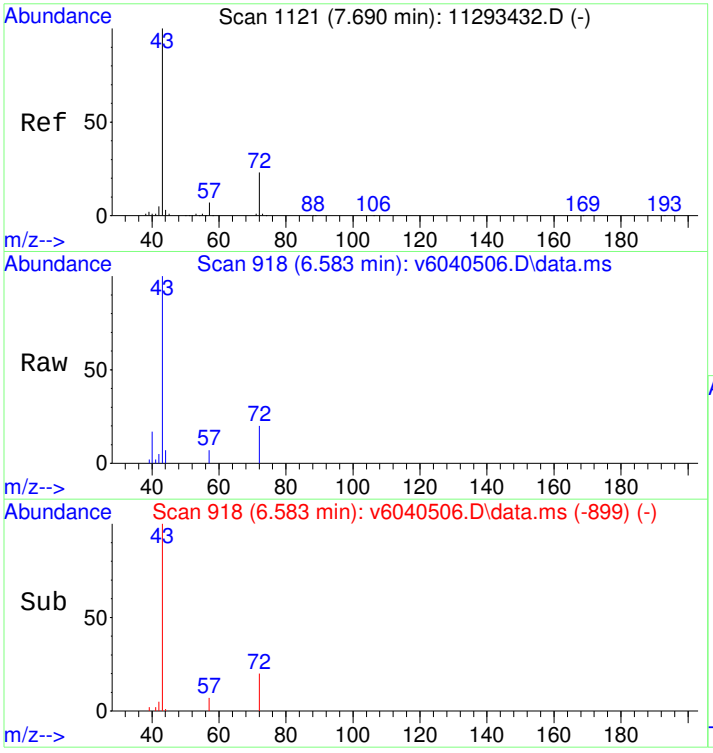


#12
Acetone
Concen: 136.26 ug/L
RT: 3.906 min Scan# 426
Delta R.T. 0.003 min
Lab File: v6040506.D
Acq: 5 Apr 11 1:31 pm

Tgt Ion: 58 Resp: 43634

Ion	Ratio	Lower	Upper
58	100		
42	20.9	17.2	32.0
39	11.0	9.1	16.9

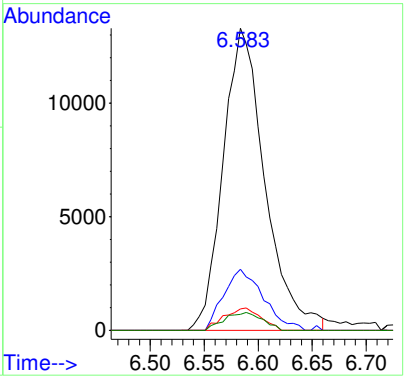


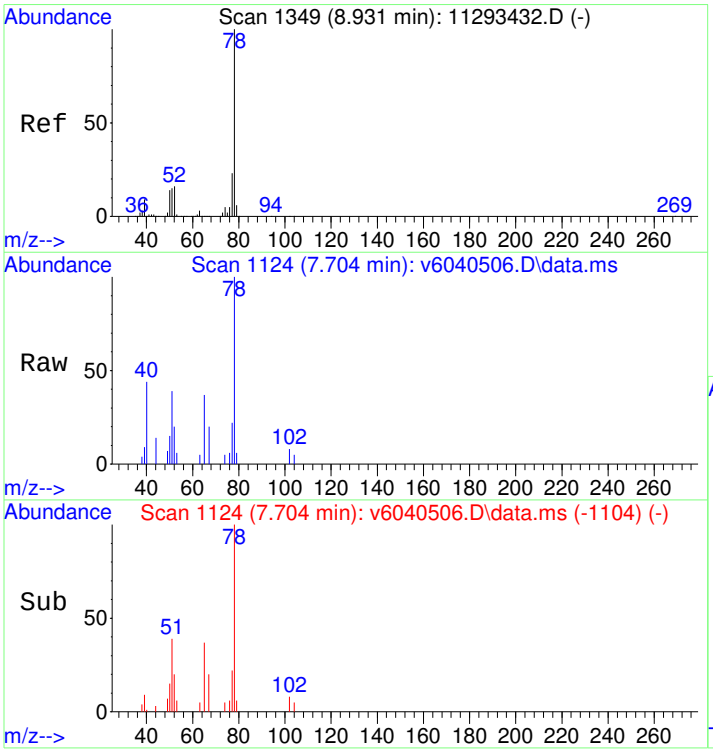


#29
2-Butanone
Concen: 19.82 ug/L
RT: 6.583 min Scan# 918
Delta R.T. 0.005 min
Lab File: v6040506.D
Acq: 5 Apr 11 1:31 pm

Tgt Ion: 43 Resp: 35734

Ion	Ratio	Lower	Upper
43	100		
72	19.1	12.6	23.4
57	6.5	5.3	9.8
42	5.3	3.5	6.5

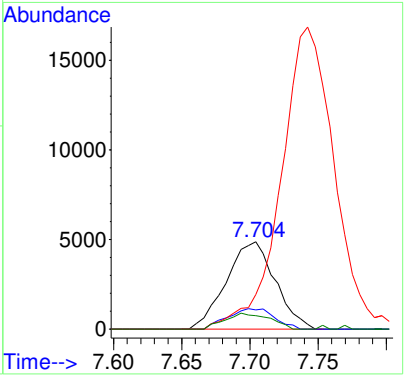


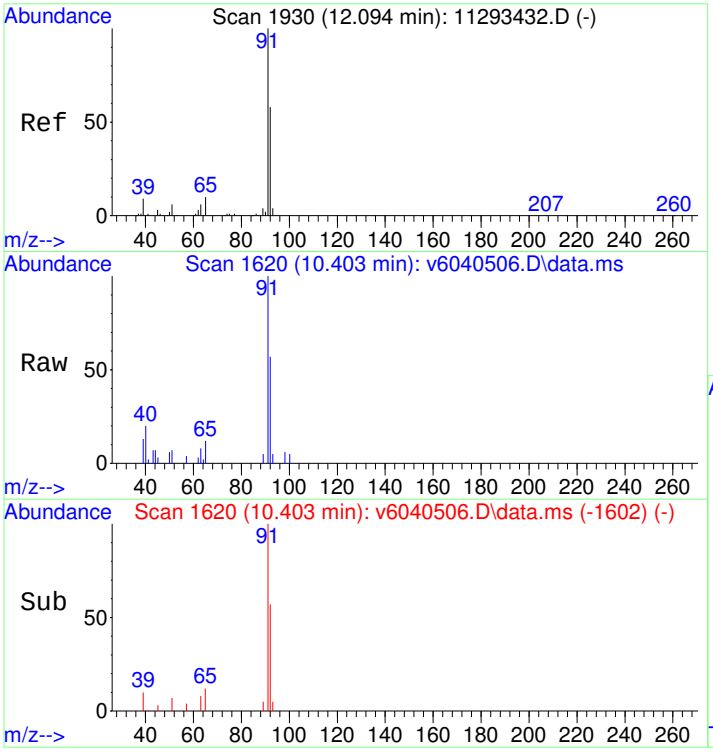


#42
Benzene
Concen: 0.88 ug/L
RT: 7.704 min Scan# 1124
Delta R.T. 0.007 min
Lab File: v6040506.D
Acq: 5 Apr 11 1:31 pm

Tgt Ion: 78 Resp: 12131

Ion	Ratio	Lower	Upper
78	100		
77	22.3	16.0	29.6
51	0.0	19.0	35.4#
50	16.6	16.7	30.9#

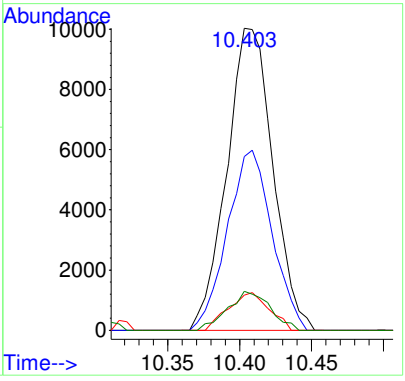


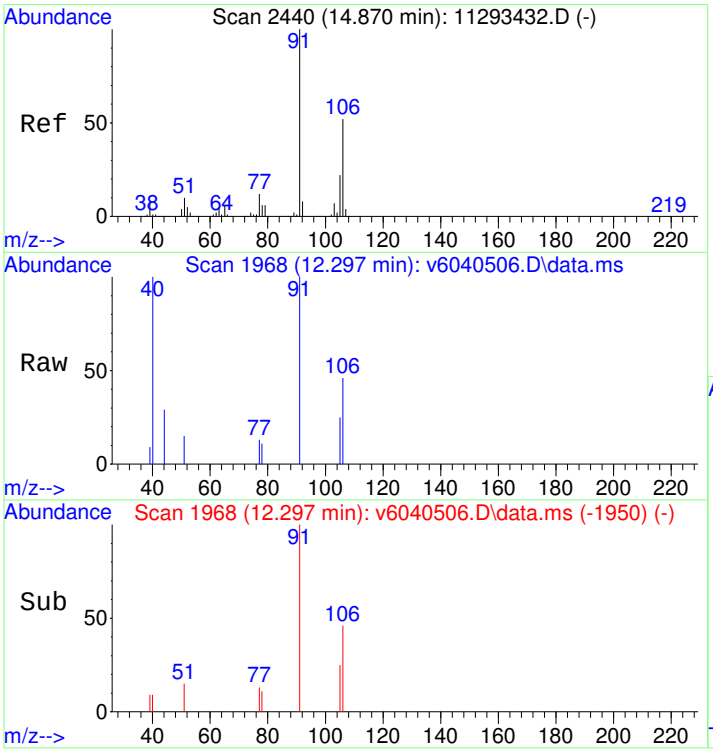


#54
Toluene
Concen: 1.56 ug/L
RT: 10.403 min Scan# 1620
Delta R.T. -0.002 min
Lab File: v6040506.D
Acq: 5 Apr 11 1:31 pm

Tgt Ion: 91 Resp: 22329

Ion	Ratio	Lower	Upper
91	100		
92	57.8	42.4	78.8
65	11.0	9.3	17.3
39	11.9	9.4	17.4

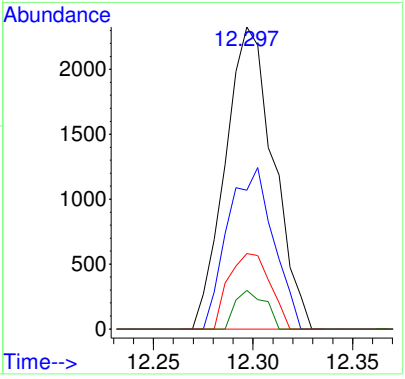


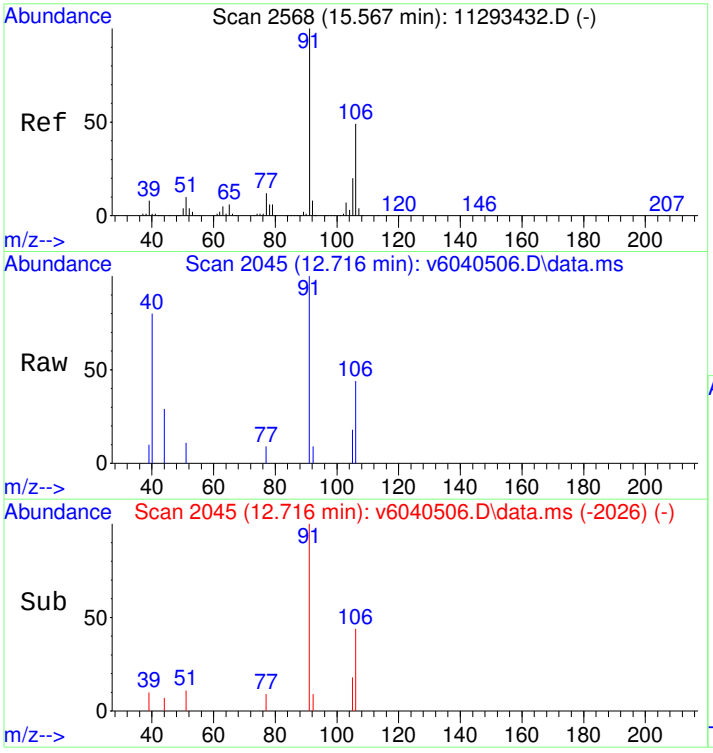


#68
m,p-Xylenes
Concen: 0.33 ug/L
RT: 12.297 min Scan# 1968
Delta R.T. -0.002 min
Lab File: v6040506.D
Acq: 5 Apr 11 1:31 pm

Tgt Ion: 91 Resp: 3926

Ion	Ratio	Lower	Upper
91	100		
106	50.5	34.1	63.3
105	21.3	15.2	28.2
77	8.0	9.1	16.9#

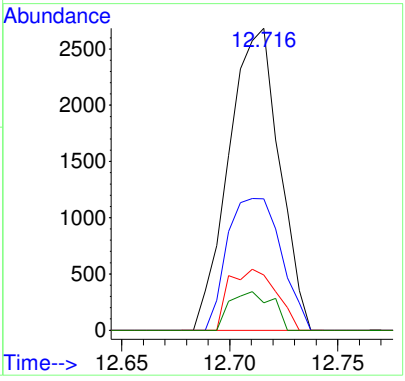


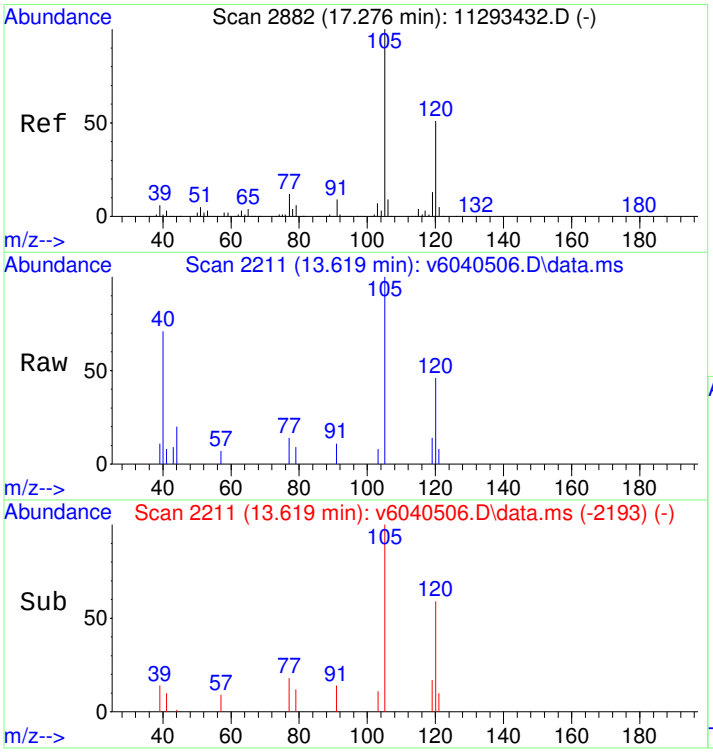


#69
o-Xylene
Concen: 0.36 ug/L
RT: 12.716 min Scan# 2045
Delta R.T. 0.005 min
Lab File: v6040506.D
Acq: 5 Apr 11 1:31 pm

Tgt Ion: 91 Resp: 4356

Ion	Ratio	Lower	Upper
91	100		
106	46.7	32.1	59.5
105	18.8	13.1	24.3
77	10.7	8.5	15.9

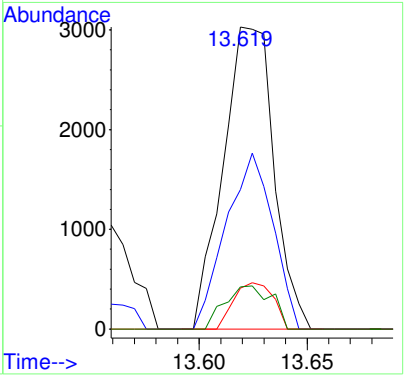


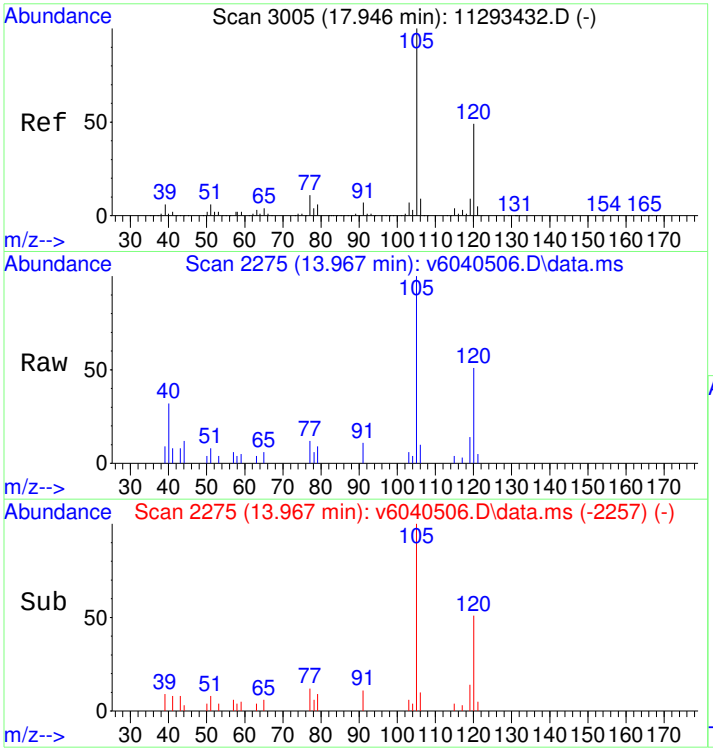


#81
1,3,5-Trimethylbenzene
Concen: 0.45 ug/L
RT: 13.619 min Scan# 2211
Delta R.T. -0.004 min
Lab File: v6040506.D
Acq: 5 Apr 11 1:31 pm

Tgt Ion:105 Resp: 4949

Ion	Ratio	Lower	Upper
105	100		
120	53.7	34.4	63.8
119	11.9	8.3	15.5
77	13.2	13.6	25.2#

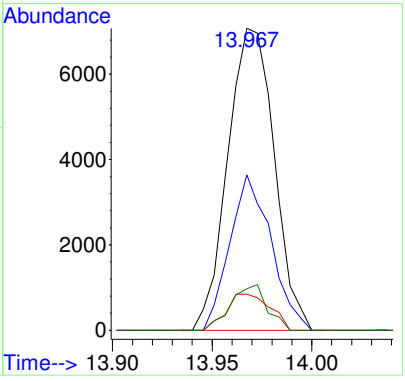


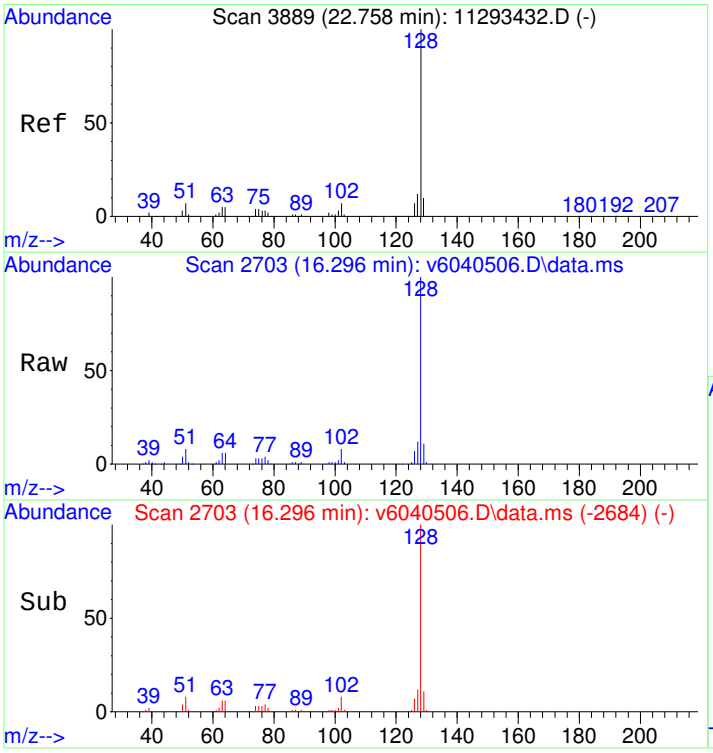


#84
1,2,4-Trimethylbenzene
Concen: 1.02 ug/L
RT: 13.967 min Scan# 2275
Delta R.T. -0.000 min
Lab File: v6040506.D
Acq: 5 Apr 11 1:31 pm

Tgt Ion:105 Resp: 11503

Ion	Ratio	Lower	Upper
105	100		
120	45.6	32.3	59.9
77	11.3	9.3	17.3
119	11.8	8.1	15.1

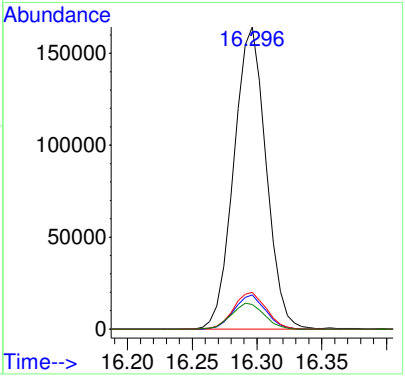




#95
Naphthalene
Concen: 24.70 ug/L
RT: 16.296 min Scan# 2703
Delta R.T. 0.002 min
Lab File: v6040506.D
Acq: 5 Apr 11 1:31 pm

Tgt Ion:128 Resp: 283006

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.2	15.2
127	12.2	8.1	15.1
51	8.6	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-08

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032514.D Vial: 15
Acq On : 25 Mar 2011 5:38 pm Operator: MBH
Sample : 11C1255-08 Inst : MSD4
Misc : GL-09 PZM016
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 25 17:56:08 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

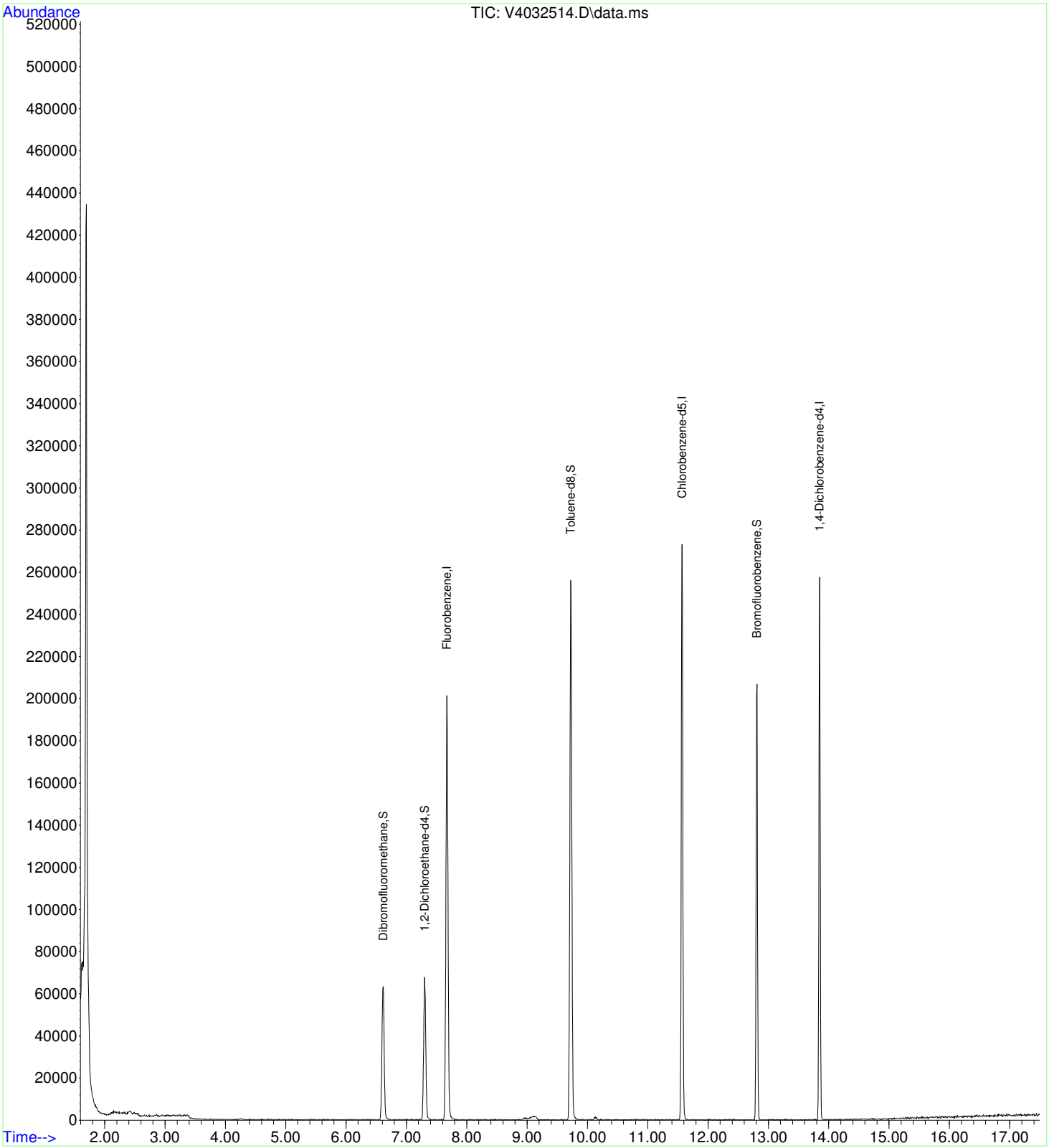
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.671	96	216120	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.569	117	155366	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.850	152	59882	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.615	111	53881	26.18	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 104.72%			
39) 1,2-Dichloroethane-d4	7.301	65	60327	30.46	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 121.84%#			
61) Toluene-d8	9.723	98	208058	24.83	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.32%			
76) Bromofluorobenzene	12.810	95	71130	31.05	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 124.20%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032514.D Vial: 15
Acq On : 25 Mar 2011 5:38 pm Operator: MBH
Sample : 11C1255-08 Inst : MSD4
Misc : GL-09 PZM016
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 25 17:56:08 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-09

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\24\V4032414.D Vial: 14
Acq On : 24 Mar 2011 4:48 pm Operator: MBH
Sample : 11C1255-09 Inst : MSD4
Misc : GL-11D
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 24 17:05:37 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

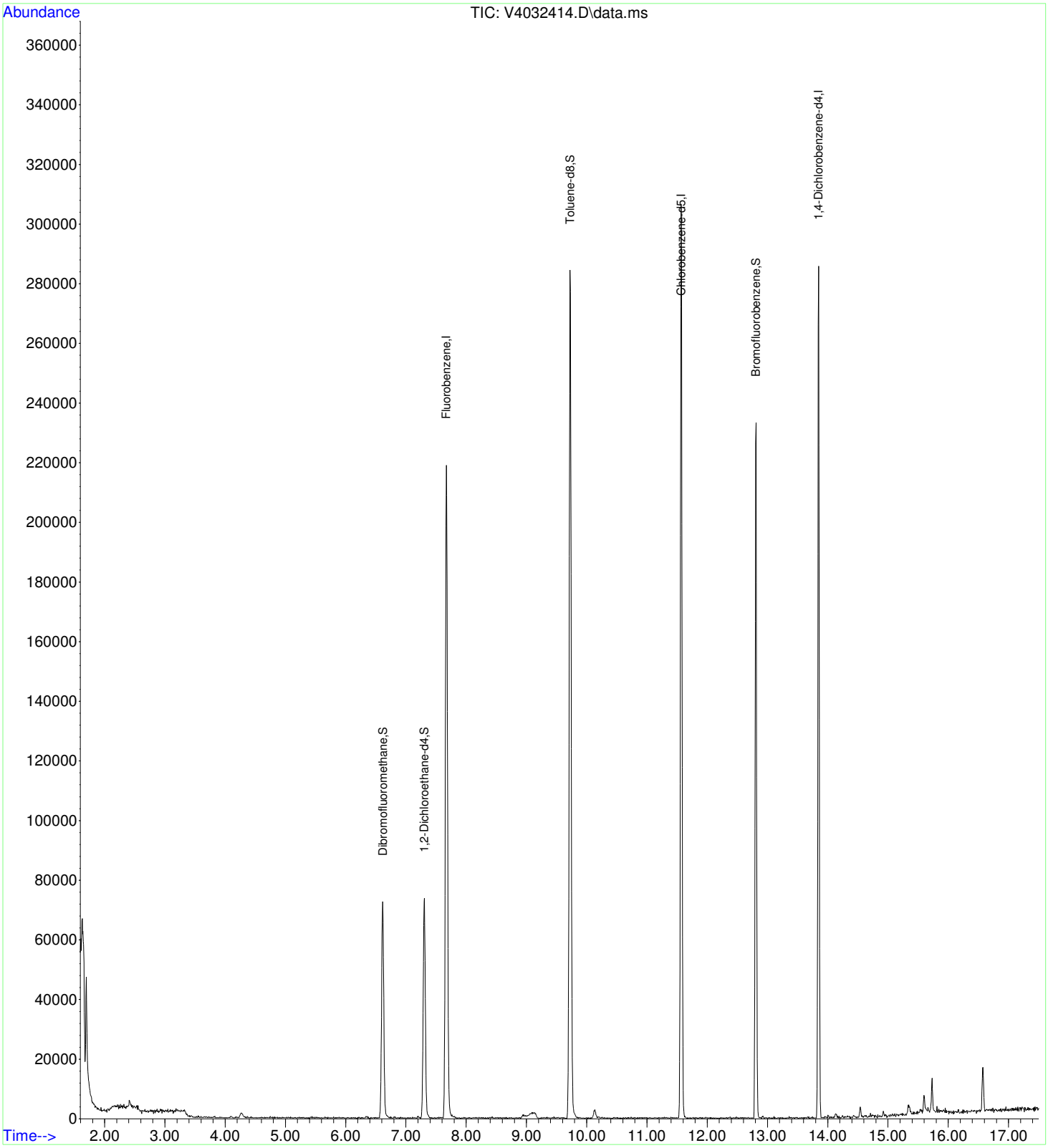
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.671	96	239009	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.568	117	169617	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.849	152	67518	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.615	111	61237	26.90	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 107.60%			
39) 1,2-Dichloroethane-d4	7.306	65	66986	30.59	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 122.36%#			
61) Toluene-d8	9.723	98	229533	25.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.40%			
76) Bromofluorobenzene	12.810	95	82647	32.00	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 128.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\24\V4032414.D Vial: 14
Acq On : 24 Mar 2011 4:48 pm Operator: MBH
Sample : 11C1255-09 Inst : MSD4
Misc : GL-11D
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 24 17:05:37 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-10

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040512.D Vial: 14
Acq On : 5 Apr 2011 4:43 pm Operator: MBH
Sample : 11C1255-10 Inst : MSD6
Misc : GL-15 (-6)
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 06 06:43:04 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

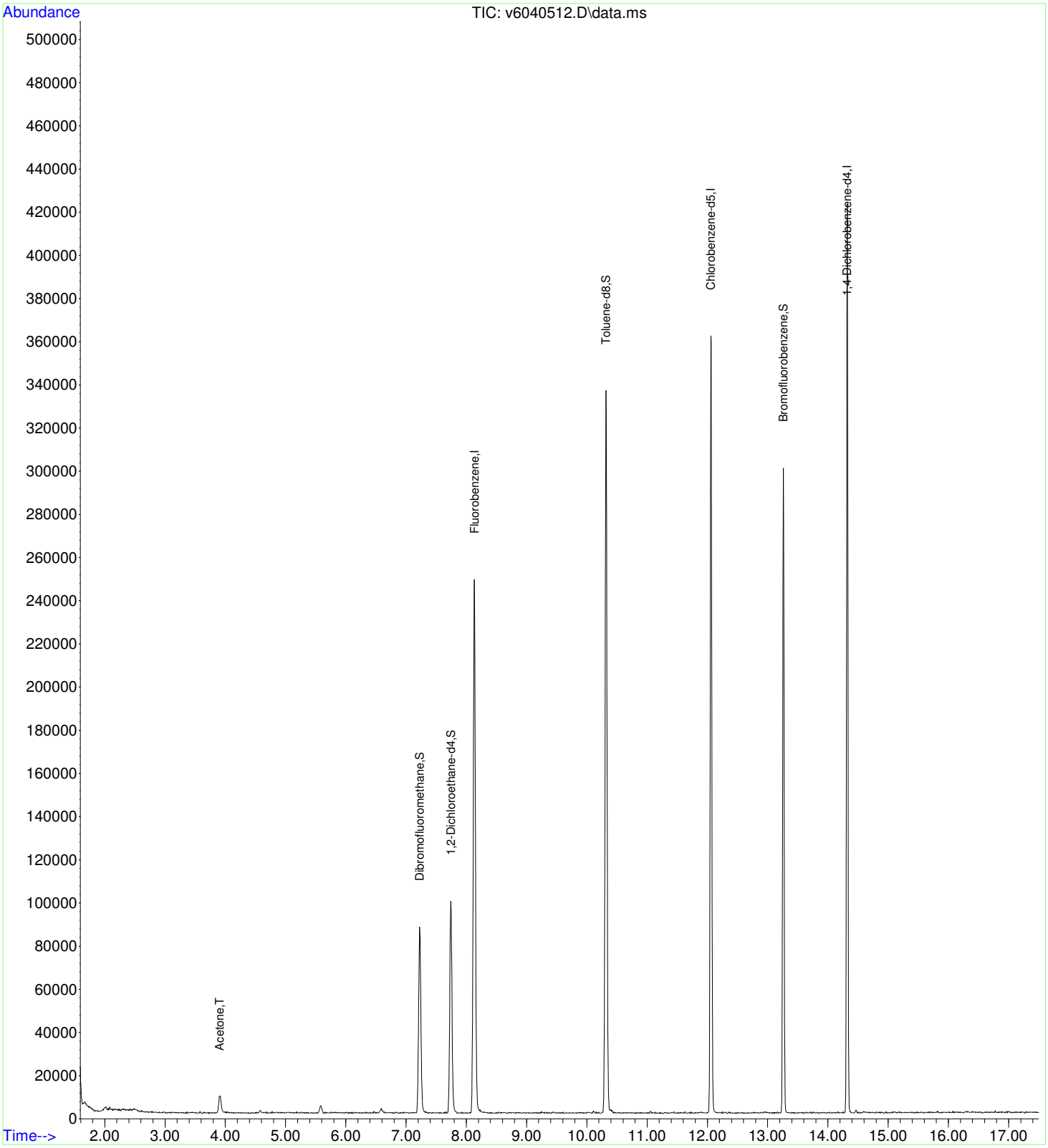
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.134	96	298110	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.057	117	229346	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.321	152	111513	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.225	111	74239	23.85	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 95.40%			
39) 1,2-Dichloroethane-d4	7.742	65	87132	25.95	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 103.80%			
61) Toluene-d8	10.316	98	275631	24.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.68%			
76) Bromofluorobenzene	13.260	95	98267	25.35	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 101.40%			
Target Compounds						Qvalue
12) Acetone	3.906	58	5064	16.41	ug/L #	81

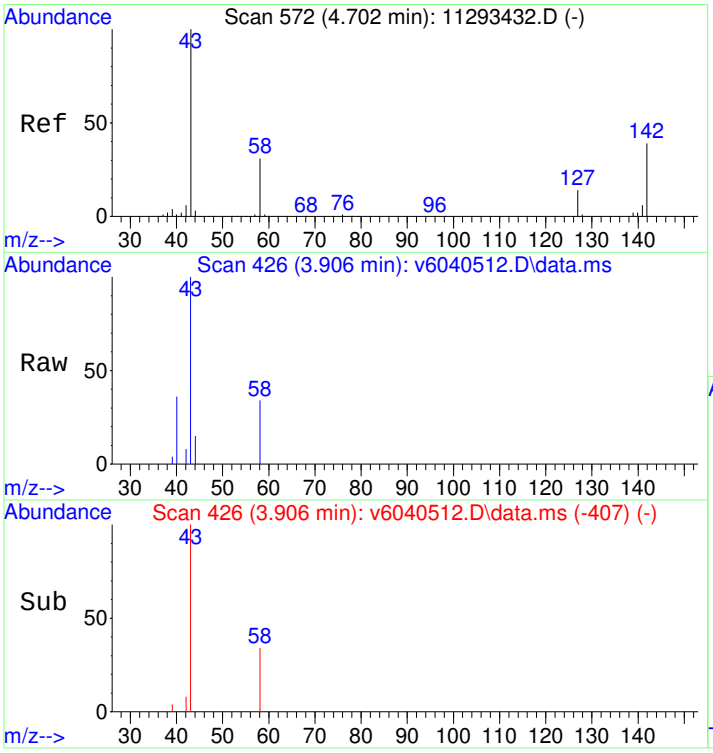
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040512.D Vial: 14
Acq On : 5 Apr 2011 4:43 pm Operator: MBH
Sample : 11C1255-10 Inst : MSD6
Misc : GL-15 (-6)
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 06 06:43:04 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

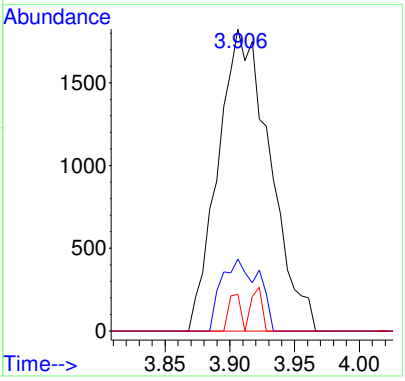




#12
Acetone
Concen: 16.41 ug/L
RT: 3.906 min Scan# 426
Delta R.T. 0.003 min
Lab File: v6040512.D
Acq: 5 Apr 11 4:43 pm

Tgt Ion: 58 Resp: 5064

Ion	Ratio	Lower	Upper
58	100		
42	16.9	17.2	32.0#
39	2.8	9.1	16.9#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-11

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040513.D Vial: 15
Acq On : 5 Apr 2011 5:16 pm Operator: MBH
Sample : 11C1255-11 Inst : MSD6
Misc : GL-15 (-36)
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 17:33:44 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

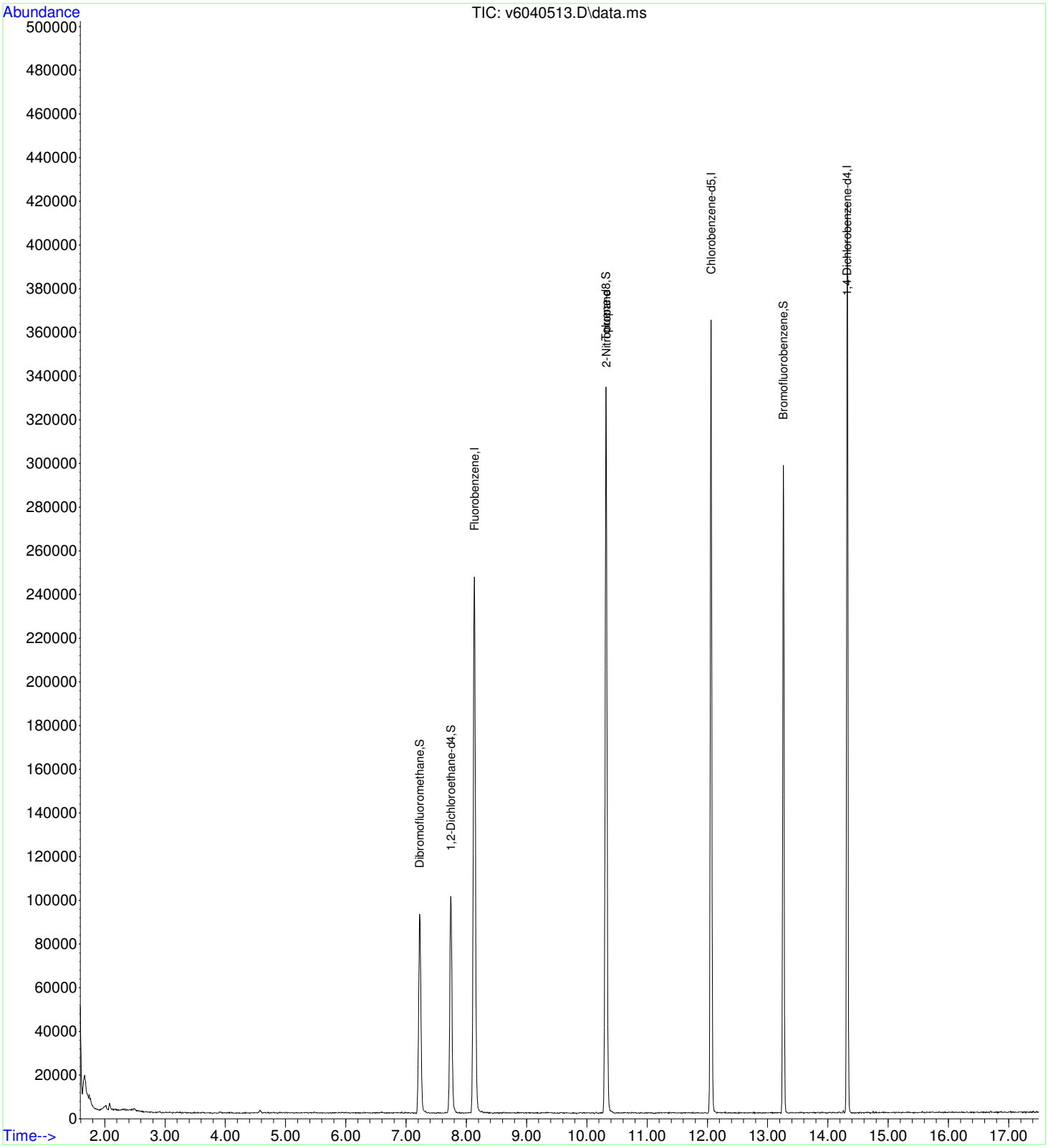
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.134	96	298016	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.063	117	227668	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.321	152	111167	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.225	111	78800	25.33	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.32%			
39) 1,2-Dichloroethane-d4	7.742	65	86451	25.76	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 103.04%			
61) Toluene-d8	10.316	98	271177	24.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.80%			
76) Bromofluorobenzene	13.260	95	97025	25.11	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 100.44%			
Target Compounds						Qvalue
50) 2-Nitropropane	10.322	43	940	0.05	ug/L #	48

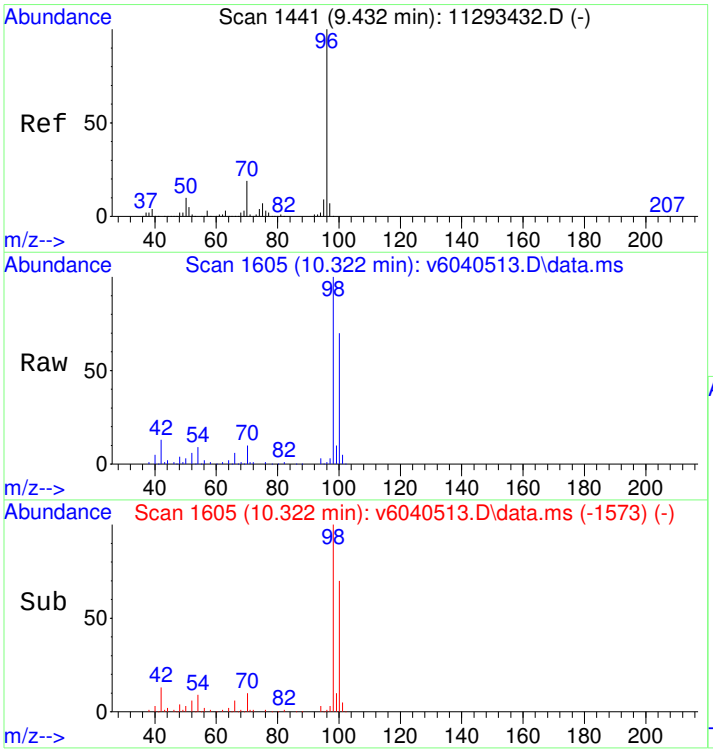
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040513.D Vial: 15
Acq On : 5 Apr 2011 5:16 pm Operator: MBH
Sample : 11C1255-11 Inst : MSD6
Misc : GL-15 (-36)
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 05 17:33:44 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

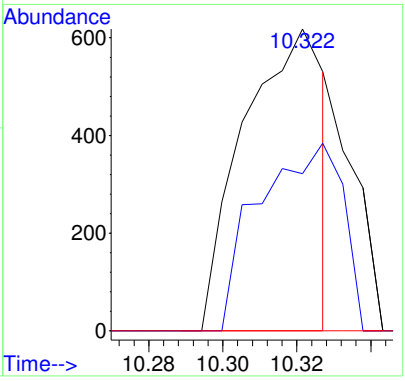




#50
2-Nitropropane
Concen: 0.05 ug/L
RT: 10.322 min Scan# 1605
Delta R.T. 0.076 min
Lab File: v6040513.D
Acq: 5 Apr 11 5:16 pm

Tgt Ion: 43 Resp: 940

Ion	Ratio	Lower	Upper
43	100		
41	40.7	61.5	114.1#
39	0.0	21.0	39.0#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-12

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040514.D Vial: 16
Acq On : 5 Apr 2011 5:48 pm Operator: MBH
Sample : 11C1255-12 Inst : MSD6
Misc : GL-16 (-6)
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 05 18:05:49 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

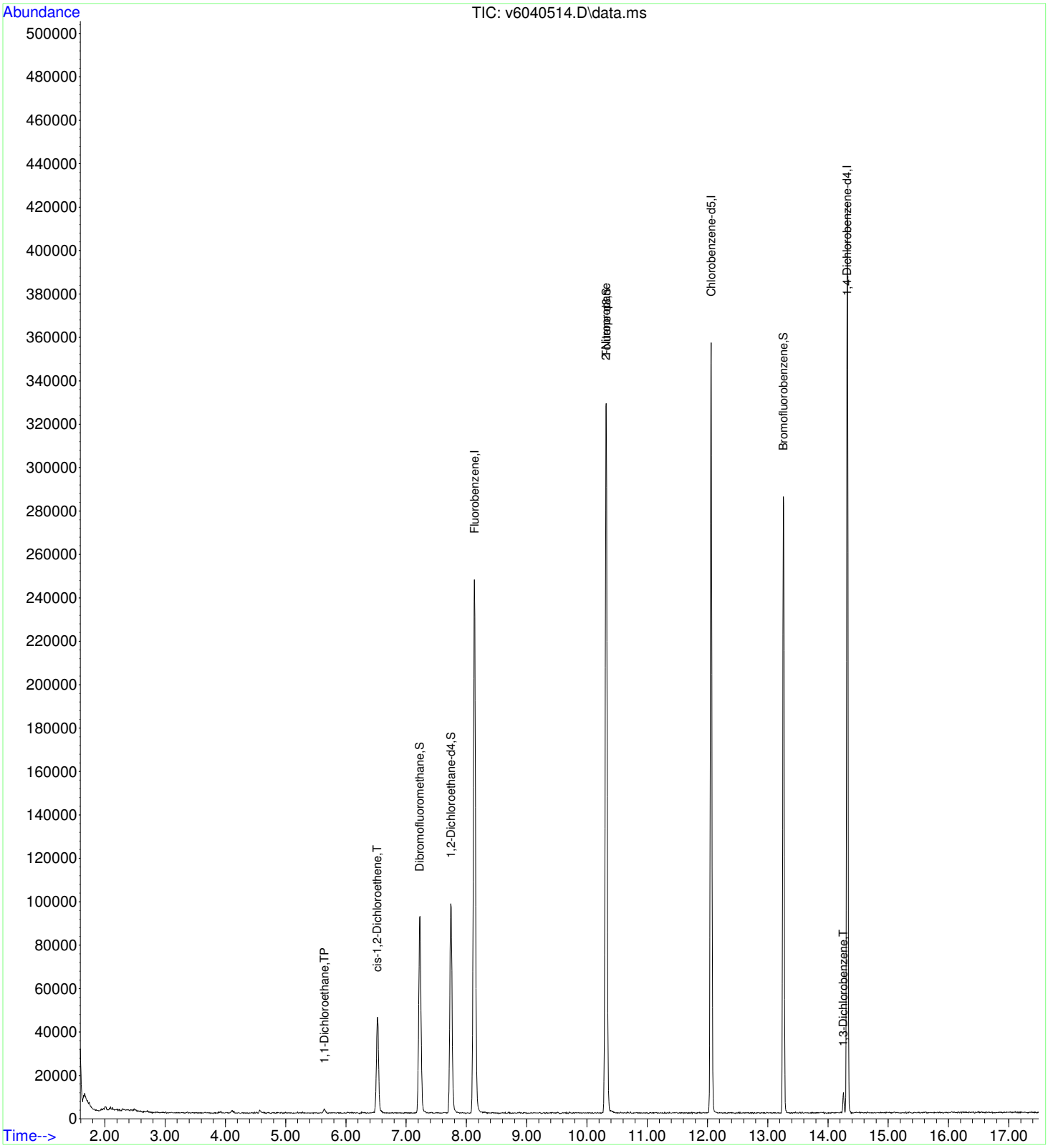
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.133	96	297389	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.062	117	225518	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.320	152	111764	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.225	111	79690	25.67	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 102.68%			
39) 1,2-Dichloroethane-d4	7.742	65	86270	25.76	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 103.04%			
61) Toluene-d8	10.321	98	272135	24.52	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.08%			
76) Bromofluorobenzene	13.259	95	95688	24.63	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 98.52%			
Target Compounds						Qvalue
23) 1,1-Dichloroethane	5.641	63	3258	0.50	ug/L	# 87
28) cis-1,2-Dichloroethene	6.523	61	37230	6.92	ug/L	# 82
50) 2-Nitropropane	10.315	43	1196	0.06	ug/L	# 41
87) 1,3-Dichlorobenzene	14.255	146	4494	0.64	ug/L	# 92

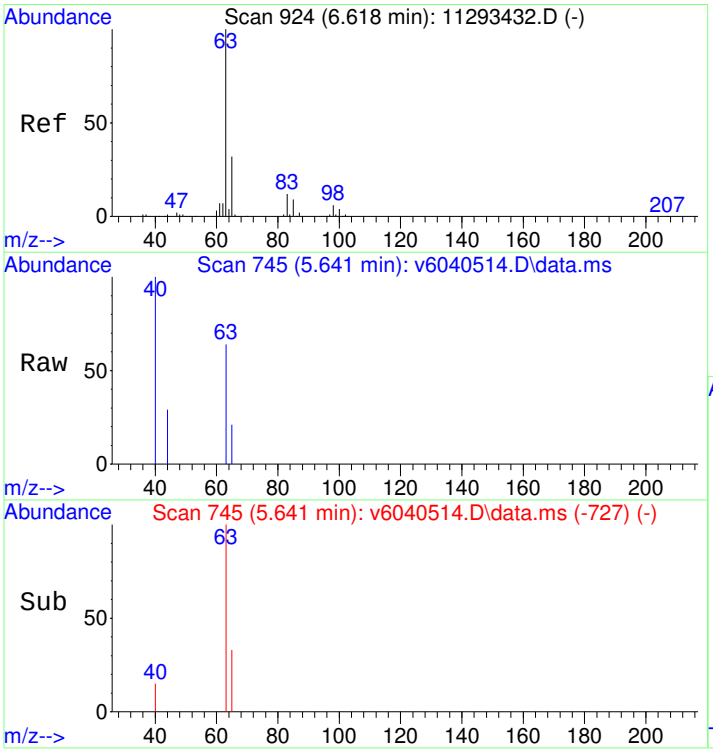
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040514.D Vial: 16
Acq On : 5 Apr 2011 5:48 pm Operator: MBH
Sample : 11C1255-12 Inst : MSD6
Misc : GL-16 (-6)
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 05 18:05:49 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

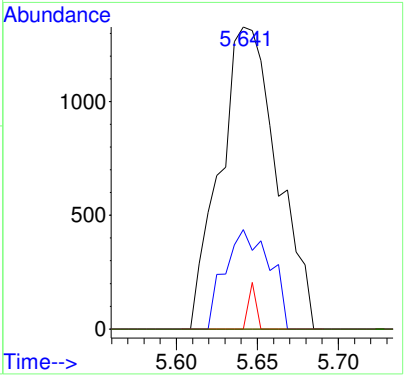


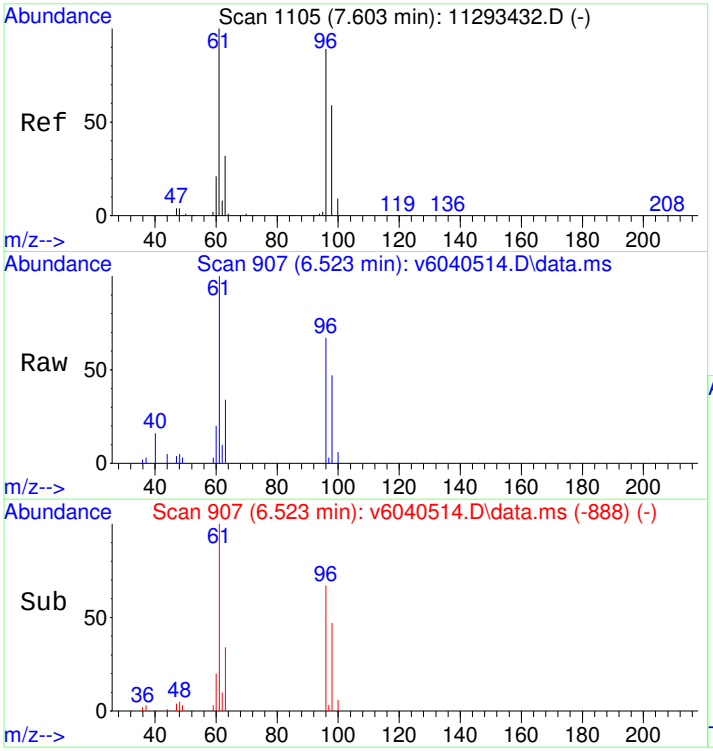


#23
1,1-Dichloroethane
Concen: 0.50 ug/L
RT: 5.641 min Scan# 745
Delta R.T. -0.001 min
Lab File: v6040514.D
Acq: 5 Apr 11 5:48 pm

Tgt Ion: 63 Resp: 3258

Ion	Ratio	Lower	Upper
63	100		
65	25.7	19.8	36.8
83	2.1	6.9	12.7#
61	0.0	7.6	14.2#

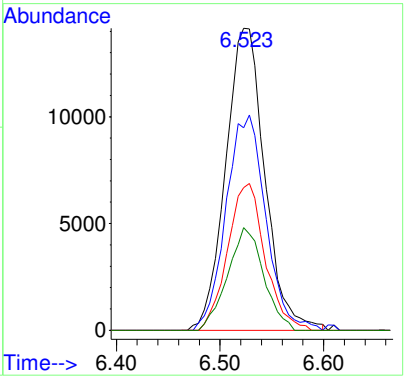


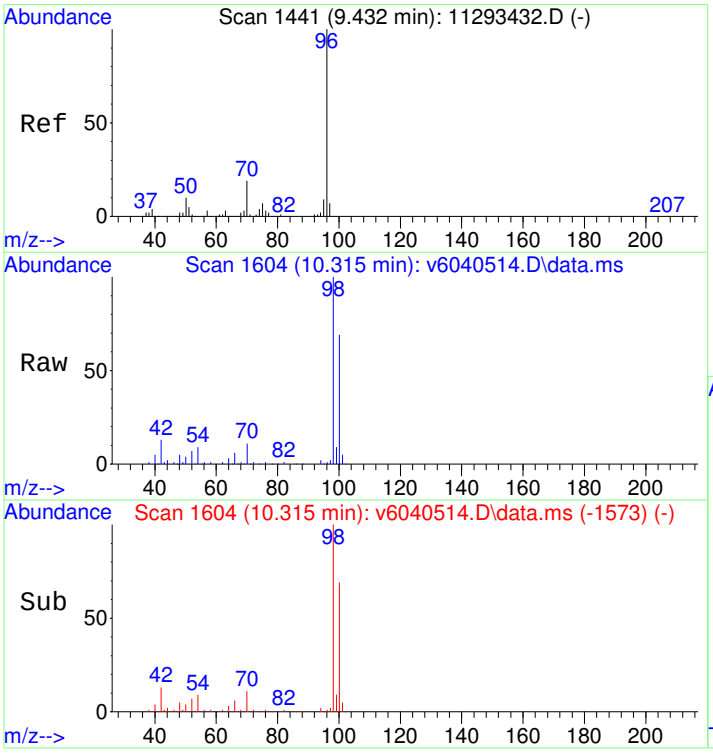


#28
cis-1,2-Dichloroethene
Concen: 6.92 ug/L
RT: 6.523 min Scan# 907
Delta R.T. 0.004 min
Lab File: v6040514.D
Acq: 5 Apr 11 5:48 pm

Tgt Ion: 61 Resp: 37230

Ion	Ratio	Lower	Upper
61	100		
96	72.2	38.4	71.2#
98	46.3	24.4	45.4#
63	31.2	20.4	38.0

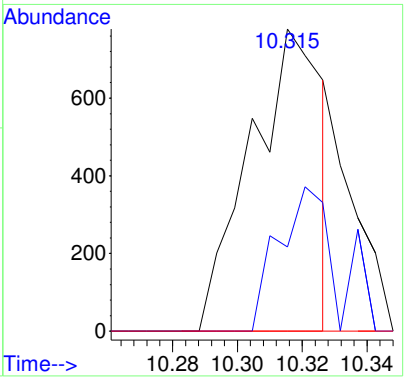


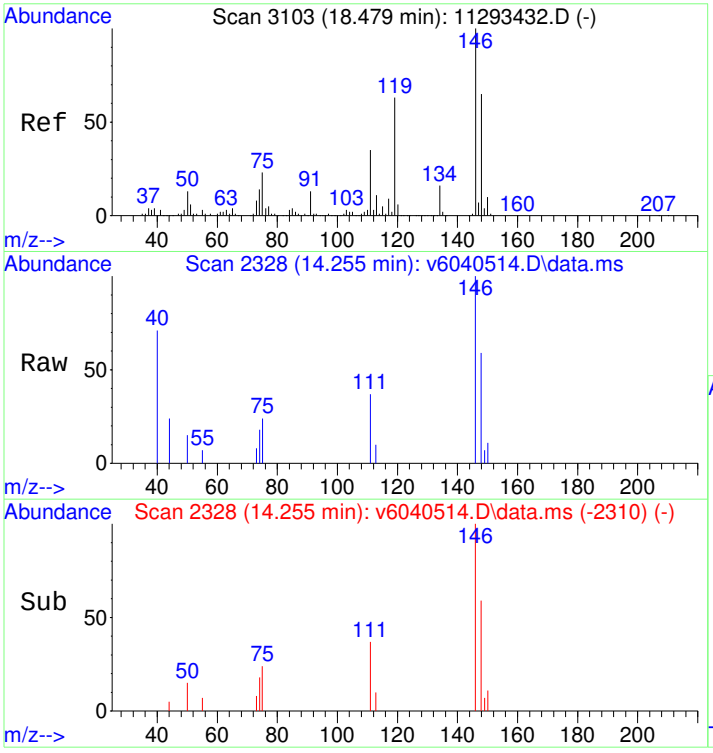


#50
2-Nitropropane
Concen: 0.06 ug/L
RT: 10.315 min Scan# 1604
Delta R.T. 0.070 min
Lab File: v6040514.D
Acq: 5 Apr 11 5:48 pm

Tgt Ion: 43 Resp: 1196

Ion	Ratio	Lower	Upper
43	100		
41	31.9	61.5	114.1#
39	0.0	21.0	39.0#

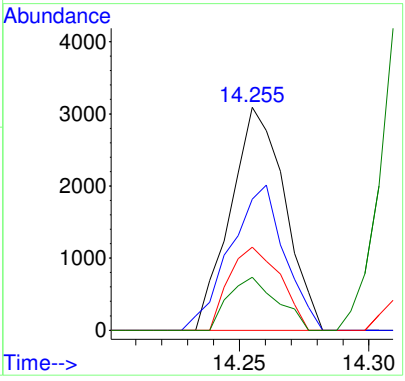




#87
1,3-Dichlorobenzene
Concen: 0.64 ug/L
RT: 14.255 min Scan# 2328
Delta R.T. 0.000 min
Lab File: v6040514.D
Acq: 5 Apr 11 5:48 pm

Tgt Ion:146 Resp: 4494

Ion	Ratio	Lower	Upper
146	100		
148	65.3	43.4	80.6
111	35.2	28.1	52.3
75	21.4	21.5	39.9#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-13

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040515.D Vial: 17
Acq On : 5 Apr 2011 6:20 pm Operator: MBH
Sample : 11C1255-13 Inst : MSD6
Misc : GL-16 (-32)
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 06 06:43:41 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

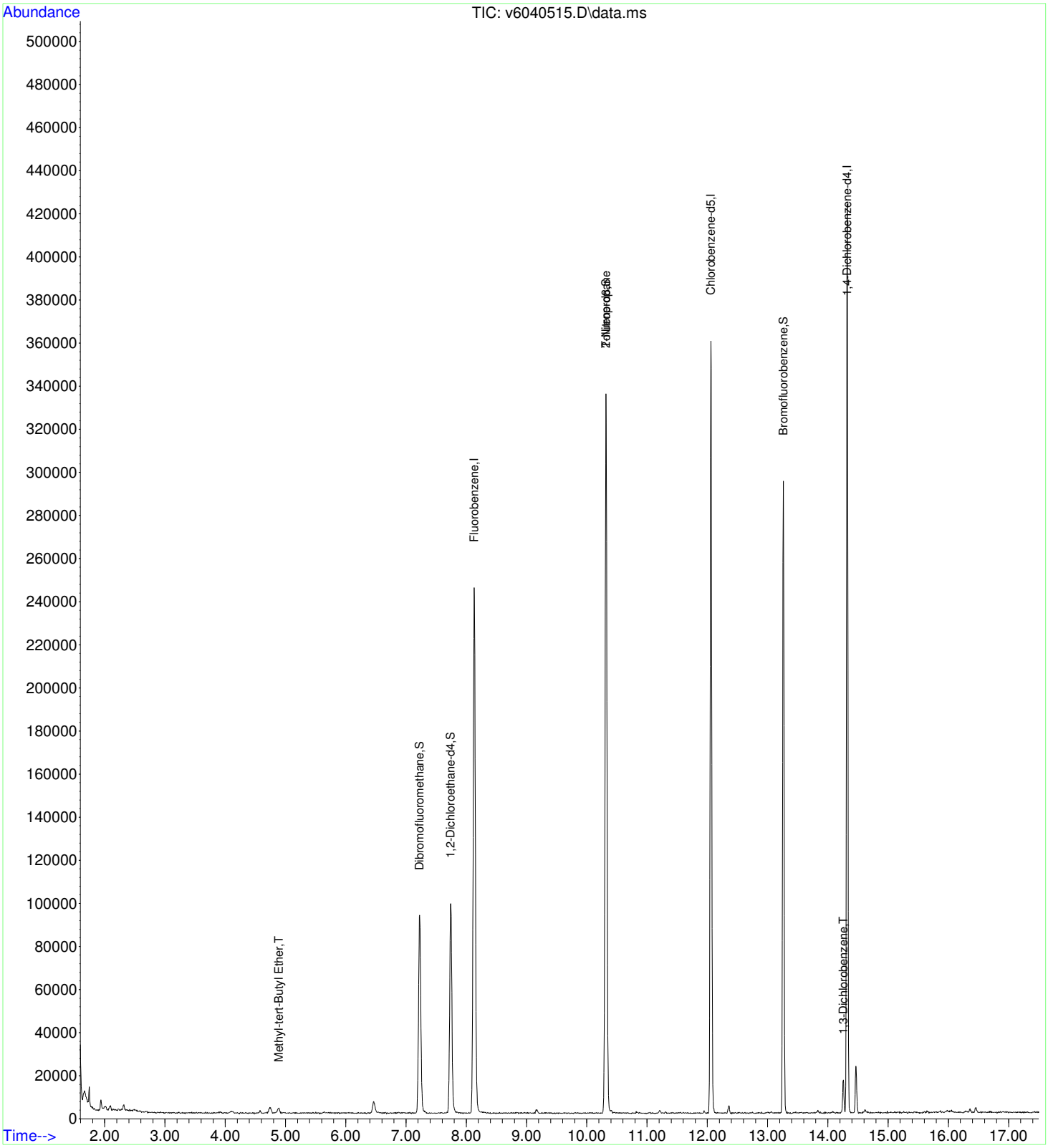
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.130	96	297756	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.058	117	227303	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.322	152	111894	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.221	111	80017	25.74	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 102.96%			
39) 1,2-Dichloroethane-d4	7.738	65	85885	25.61	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 102.44%			
61) Toluene-d8	10.317	98	274317	24.52	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.08%			
76) Bromofluorobenzene	13.261	95	95132	24.46	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 97.84%			
Target Compounds						Qvalue
19) Methyl-tert-Butyl Ether	4.887	73	2954	0.39	ug/L #	84
50) 2-Nitropropane	10.317	43	998	0.05	ug/L #	46
87) 1,3-Dichlorobenzene	14.257	146	7542	1.07	ug/L	96

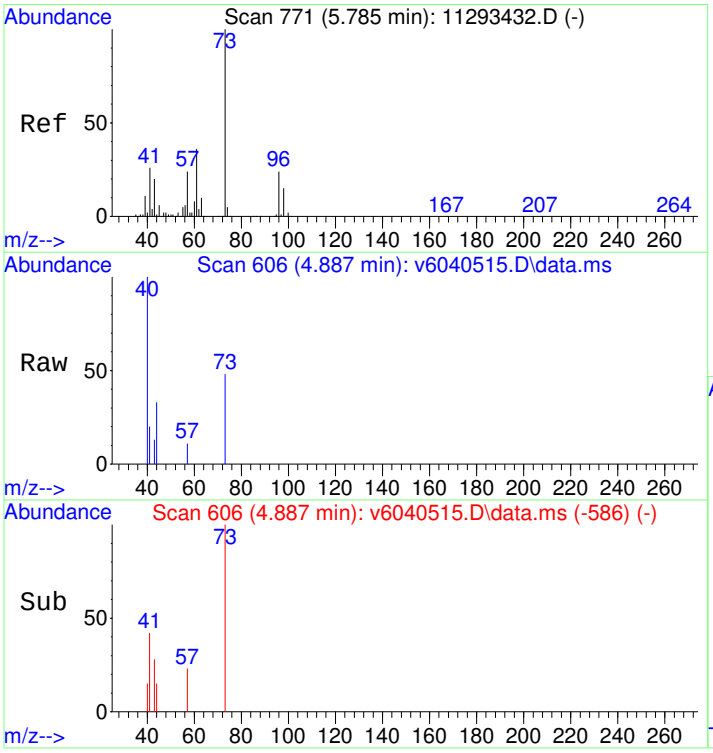
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040515.D Vial: 17
Acq On : 5 Apr 2011 6:20 pm Operator: MBH
Sample : 11C1255-13 Inst : MSD6
Misc : GL-16 (-32)
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 06 06:43:41 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

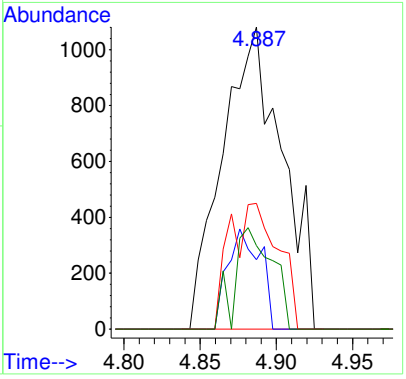


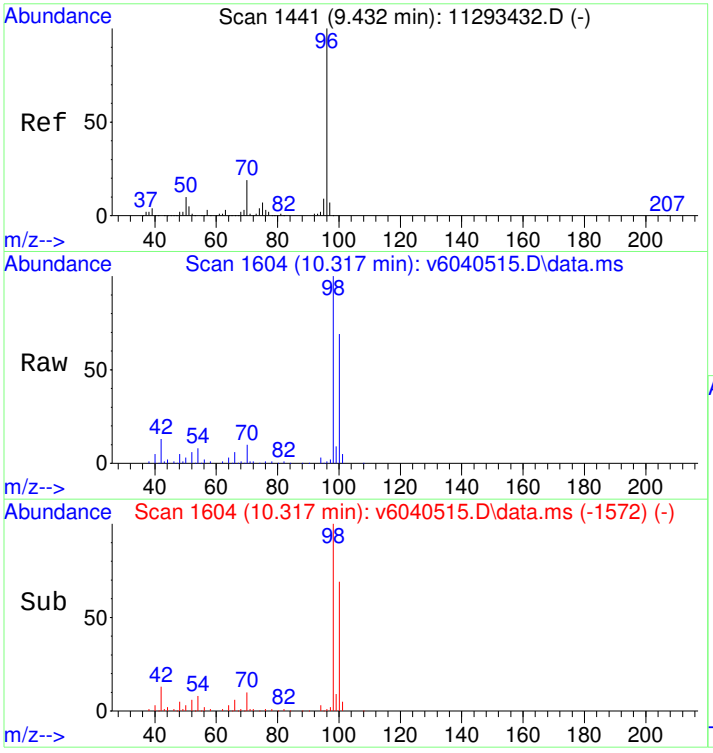


#19
Methyl-tert-Butyl Ether
Concen: 0.39 ug/L
RT: 4.887 min Scan# 606
Delta R.T. 0.011 min
Lab File: v6040515.D
Acq: 5 Apr 11 6:20 pm

Tgt Ion: 73 Resp: 2954

Ion	Ratio	Lower	Upper
73	100		
57	18.1	24.3	45.1#
41	33.8	22.2	41.2
43	21.3	20.6	38.4

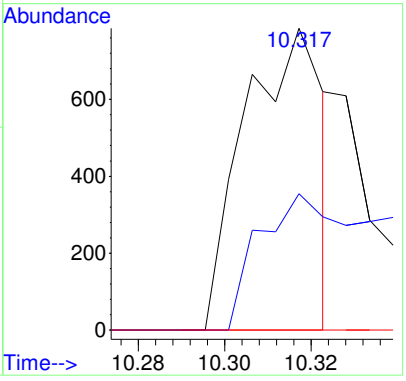


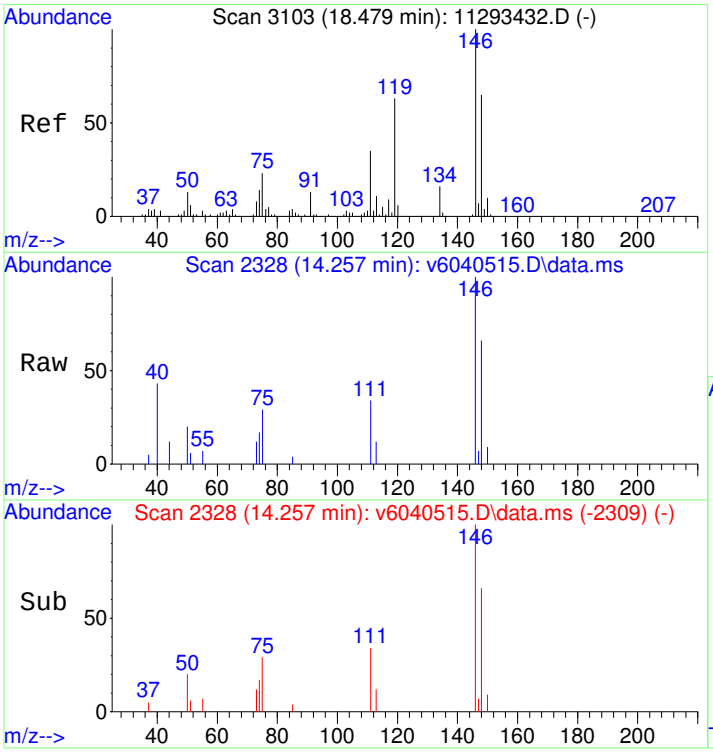


#50
2-Nitropropane
Concen: 0.05 ug/L
RT: 10.317 min Scan# 1604
Delta R.T. 0.072 min
Lab File: v6040515.D
Acq: 5 Apr 11 6:20 pm

Tgt Ion: 43 Resp: 998

Ion	Ratio	Lower	Upper
43	100		
41	38.2	61.5	114.1#
39	0.0	21.0	39.0#

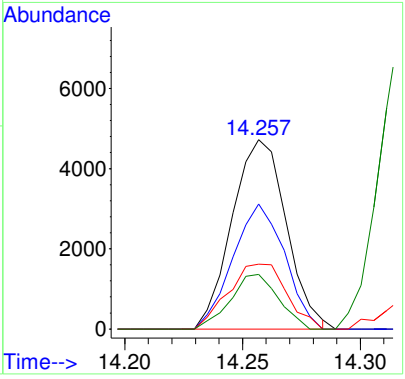




#87
1,3-Dichlorobenzene
Concen: 1.07 ug/L
RT: 14.257 min Scan# 2328
Delta R.T. 0.002 min
Lab File: v6040515.D
Acq: 5 Apr 11 6:20 pm

Tgt Ion:146 Resp: 7542

Ion	Ratio	Lower	Upper
146	100		
148	62.9	43.4	80.6
111	36.9	28.1	52.3
75	25.6	21.5	39.9



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-14

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\04\v6040416.D Vial: 16
Acq On : 4 Apr 2011 4:53 pm Operator: mbh
Sample : 11C1255-14 Inst : MSD6
Misc : 50, GL-17 (-1)
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 05 08:51:04 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Fri Apr 01 16:00:33 2011
Response via : Initial Calibration

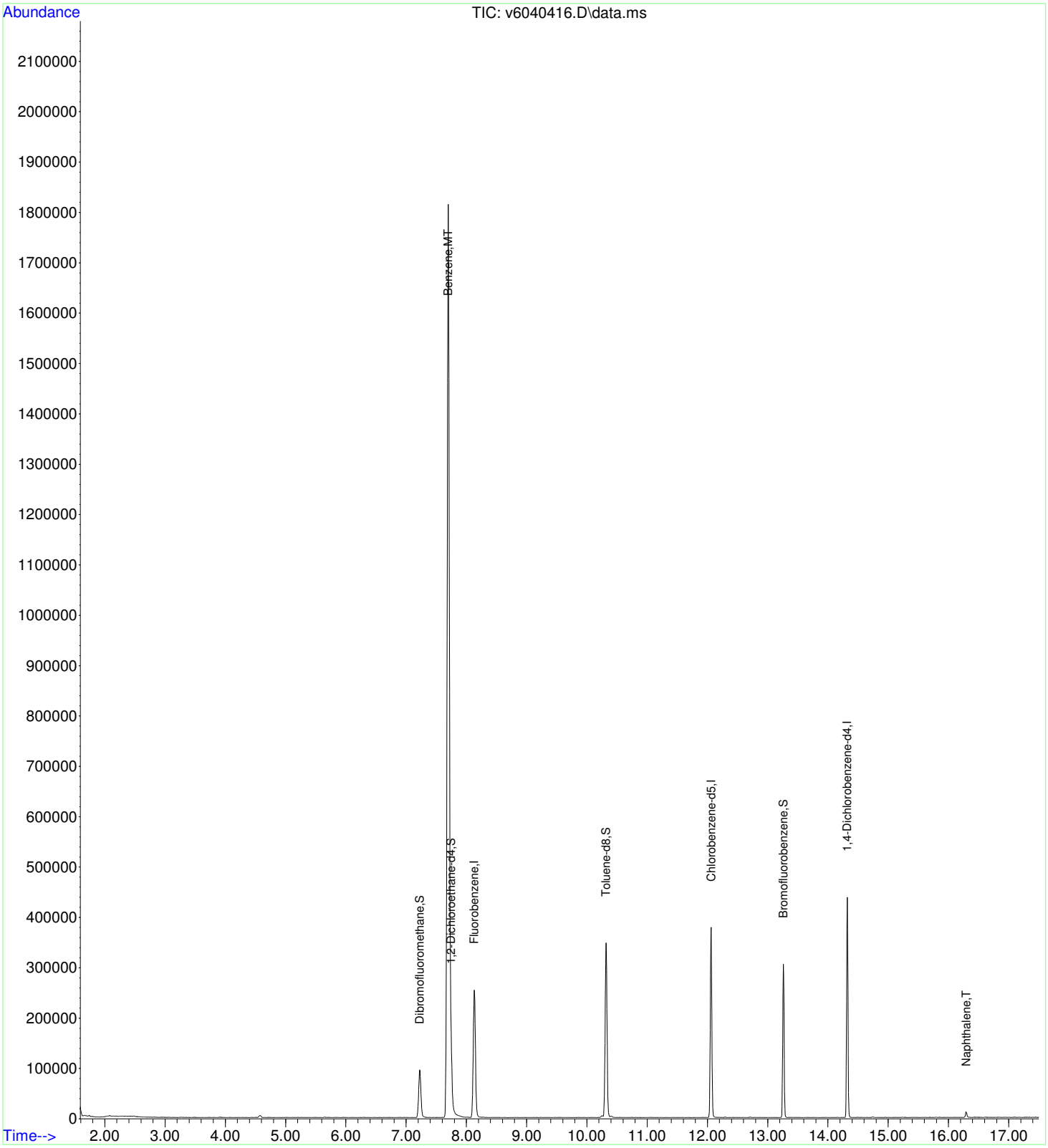
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.128	96	313158	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.062	117	236258	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.320	152	115226	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.225	111	82717	25.30	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.20%			
39) 1,2-Dichloroethane-d4	7.742	65	90588	25.68	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 102.72%			
61) Toluene-d8	10.316	98	286083	24.60	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.40%			
76) Bromofluorobenzene	13.259	95	99963	24.96	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 99.84%			
Target Compounds						Qvalue
42) Benzene	7.698	78	2065789	148.23	ug/L	92
95) Naphthalene	16.296	128	11171	0.97	ug/L #	91

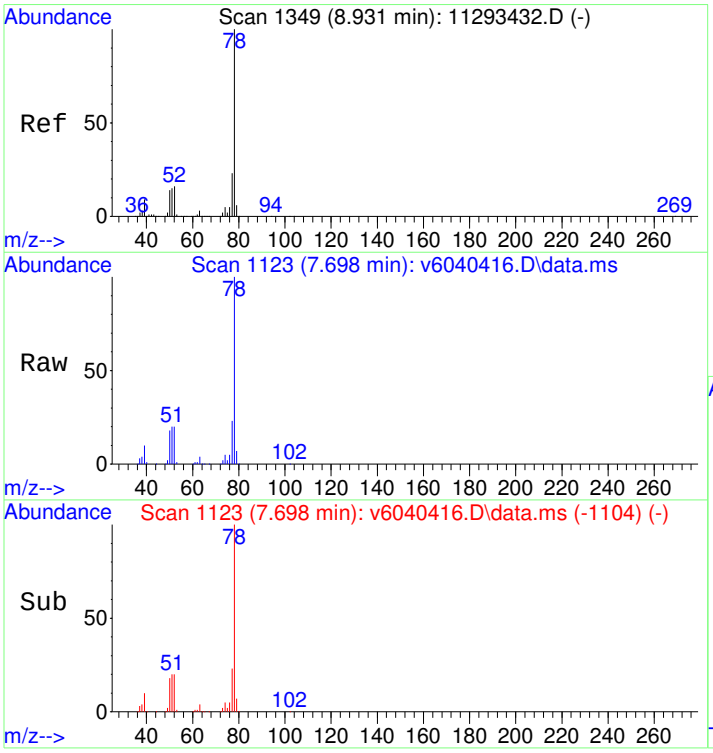
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\04\v6040416.D Vial: 16
Acq On : 4 Apr 2011 4:53 pm Operator: mbh
Sample : 11C1255-14 Inst : MSD6
Misc : 50, GL-17 (-1)
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 05 08:51:04 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Fri Apr 01 16:00:33 2011
Response via : Initial Calibration

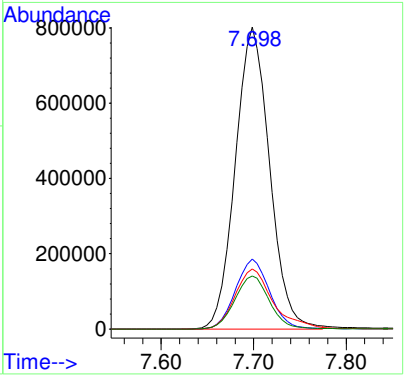


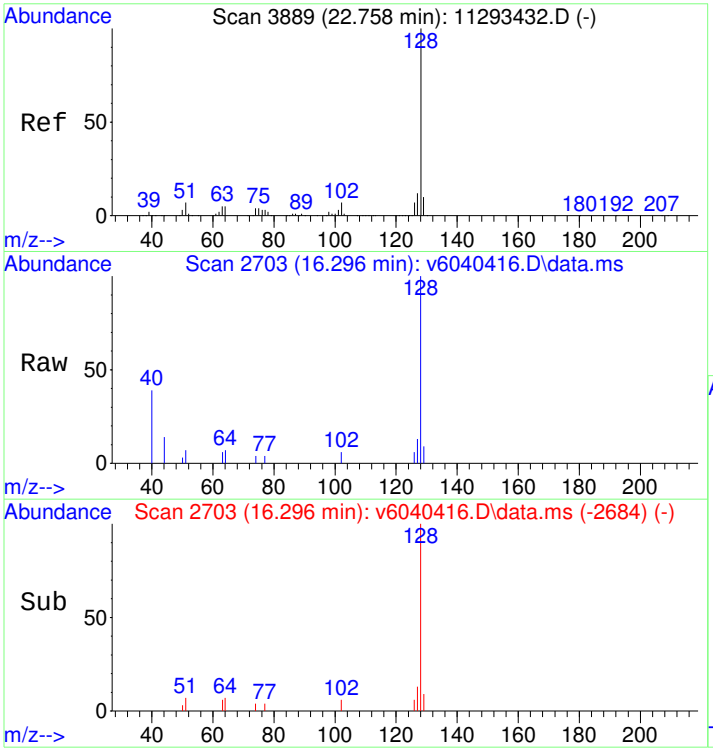


#42
Benzene
Concen: 148.23 ug/L
RT: 7.698 min Scan# 1123
Delta R.T. 0.001 min
Lab File: v6040416.D
Acq: 4 Apr 11 4:53 pm

Tgt Ion: 78 Resp: 2065789

Ion	Ratio	Lower	Upper
78	100		
77	23.0	16.0	29.6
51	21.8	19.0	35.4
50	17.6	16.7	30.9

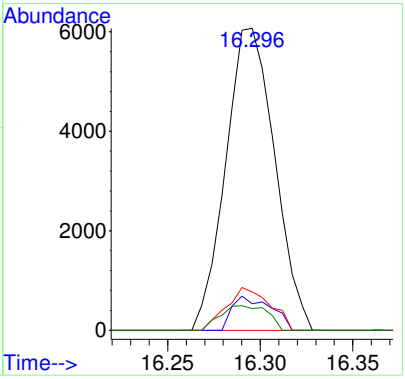




#95
Naphthalene
Concen: 0.97 ug/L
RT: 16.296 min Scan# 2703
Delta R.T. 0.001 min
Lab File: v6040416.D
Acq: 4 Apr 11 4:53 pm

Tgt Ion:128 Resp: 11171

Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.2	15.2
127	12.5	8.1	15.1
51	7.8	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-15RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040507.D Vial: 9
Acq On : 5 Apr 2011 2:03 pm Operator: MBH
Sample : 11C1255-15RE1 Inst : MSD6
Misc : GL-17 (-31)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 05 14:36:38 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

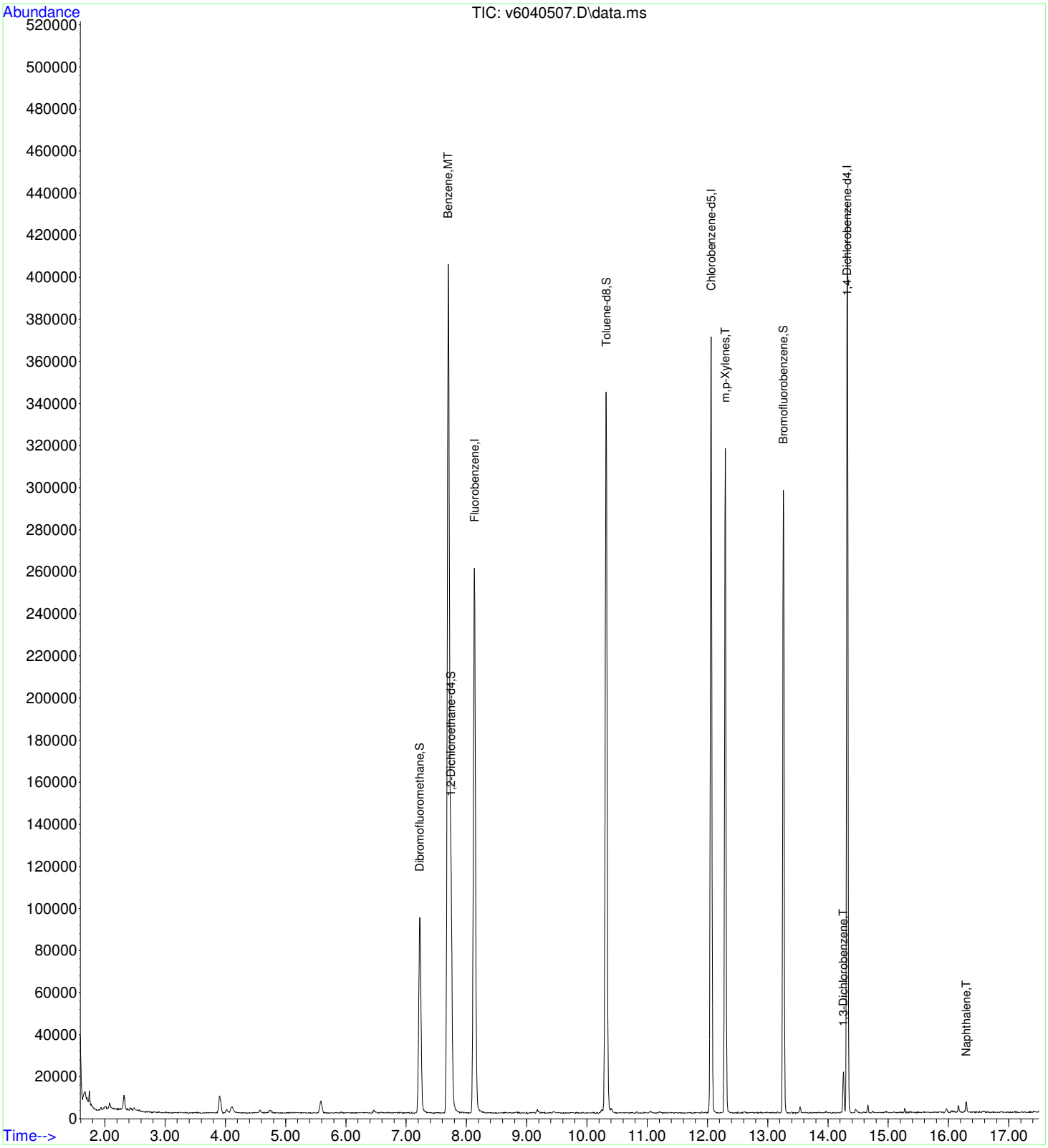
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.133	96	314551	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.062	117	234433	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.320	152	115559	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.224	111	82202	25.03	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 100.12%			
39) 1,2-Dichloroethane-d4	7.741	65	88383	24.95	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 99.80%			
61) Toluene-d8	10.321	98	288863	25.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.12%			
76) Bromofluorobenzene	13.259	95	101298	25.22	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 100.88%			
Target Compounds						Qvalue
42) Benzene	7.698	78	463936	33.14	ug/L	95
68) m,p-Xylenes	12.296	91	181745	15.78	ug/L	97
87) 1,3-Dichlorobenzene	14.255	146	8878	1.22	ug/L	95
95) Naphthalene	16.295	128	5584	0.48	ug/L #	87

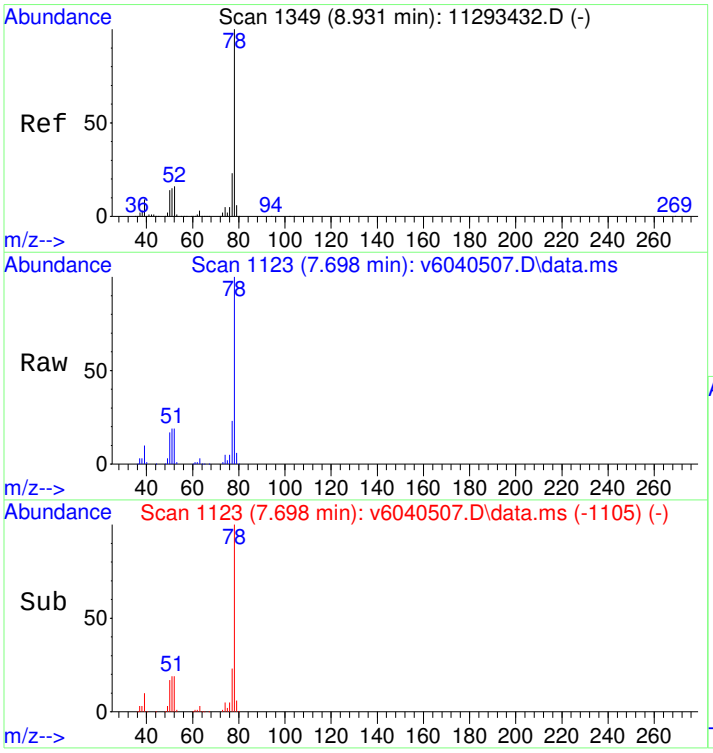
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040507.D Vial: 9
Acq On : 5 Apr 2011 2:03 pm Operator: MBH
Sample : 11C1255-15RE1 Inst : MSD6
Misc : GL-17 (-31)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 05 14:36:38 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

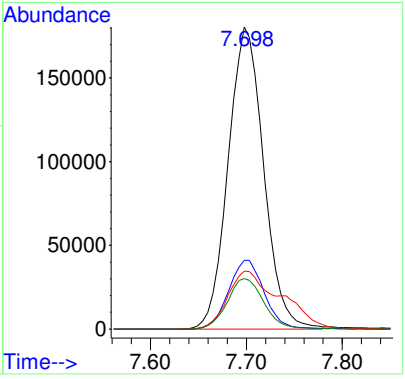


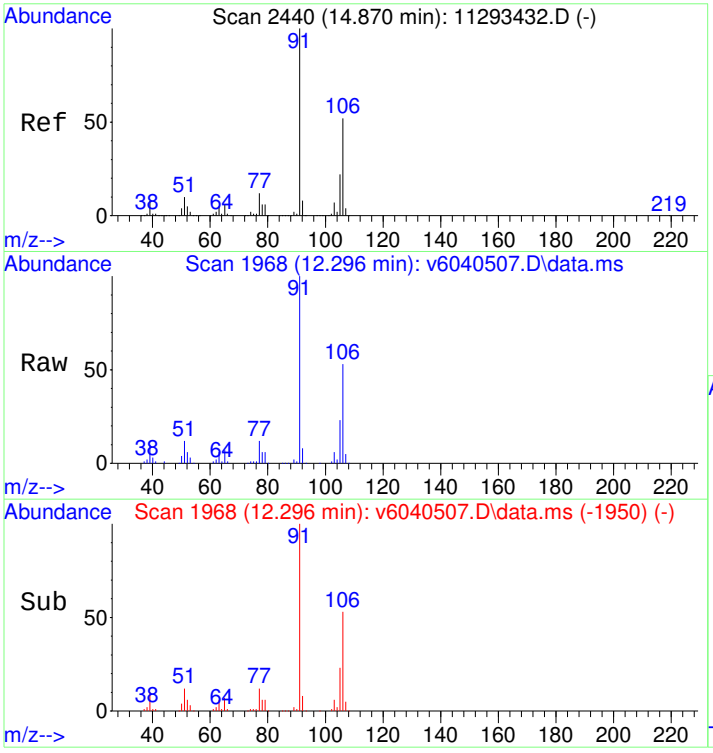


#42
Benzene
Concen: 33.14 ug/L
RT: 7.698 min Scan# 1123
Delta R.T. 0.001 min
Lab File: v6040507.D
Acq: 5 Apr 11 2:03 pm

Tgt Ion: 78 Resp: 463936

Ion	Ratio	Lower	Upper
78	100		
77	22.8	16.0	29.6
51	28.4	19.0	35.4
50	17.1	16.7	30.9

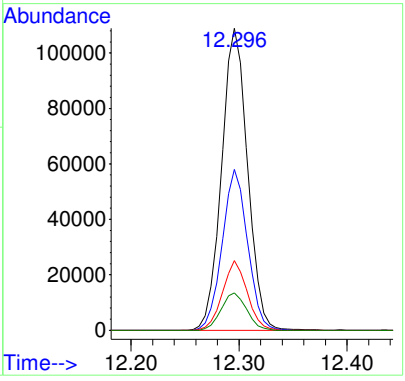


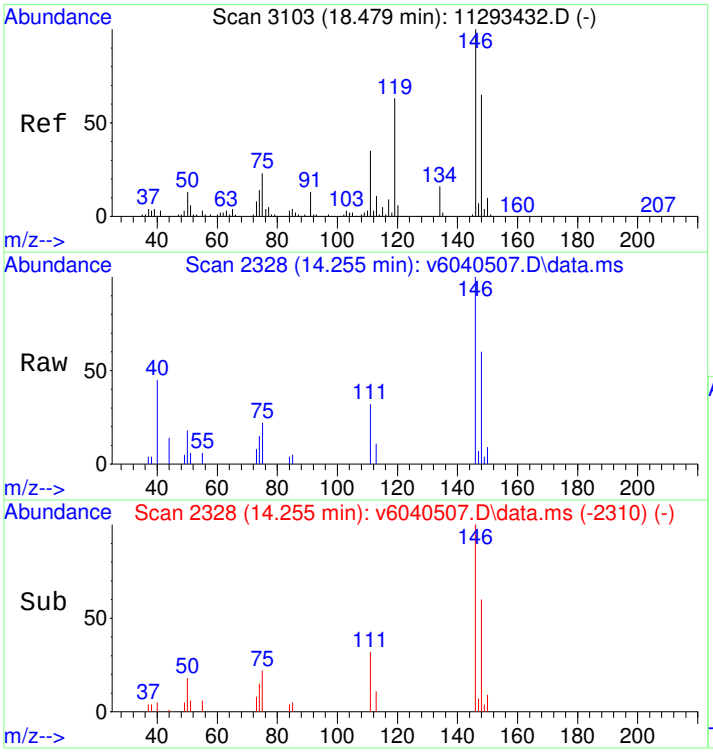


#68
m,p-Xylenes
Concen: 15.78 ug/L
RT: 12.296 min Scan# 1968
Delta R.T. -0.003 min
Lab File: v6040507.D
Acq: 5 Apr 11 2:03 pm

Tgt Ion: 91 Resp: 181745

Ion	Ratio	Lower	Upper
91	100		
106	52.0	34.1	63.3
105	21.9	15.2	28.2
77	12.1	9.1	16.9

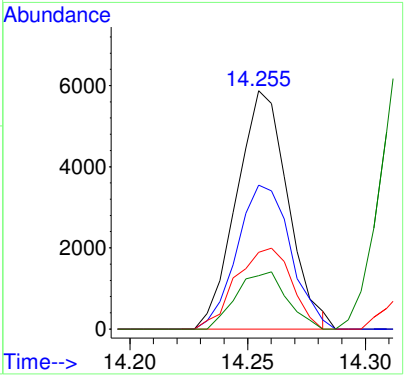


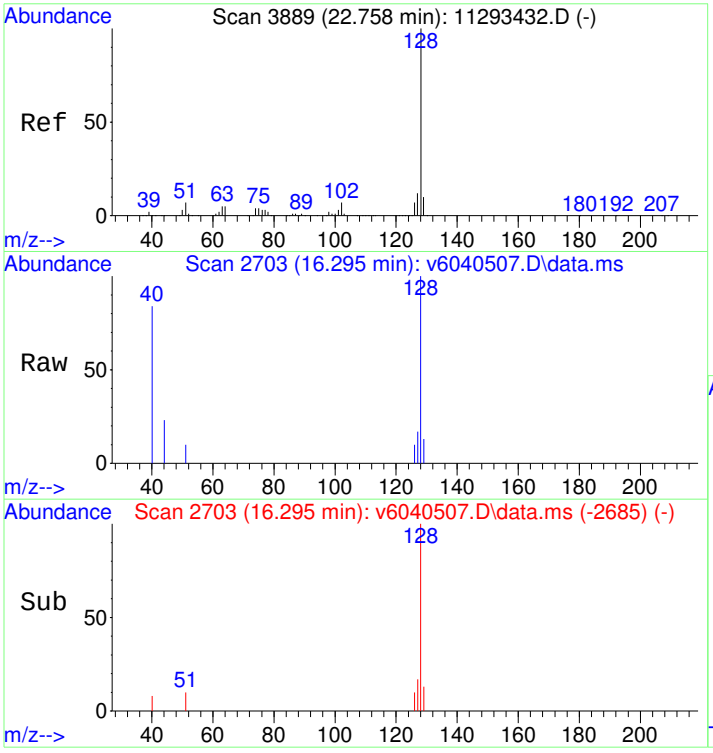


#87
1,3-Dichlorobenzene
Concen: 1.22 ug/L
RT: 14.255 min Scan# 2328
Delta R.T. 0.000 min
Lab File: v6040507.D
Acq: 5 Apr 11 2:03 pm

Tgt Ion:146 Resp: 8878

Ion	Ratio	Lower	Upper
146	100		
148	63.2	43.4	80.6
111	36.7	28.1	52.3
75	23.7	21.5	39.9

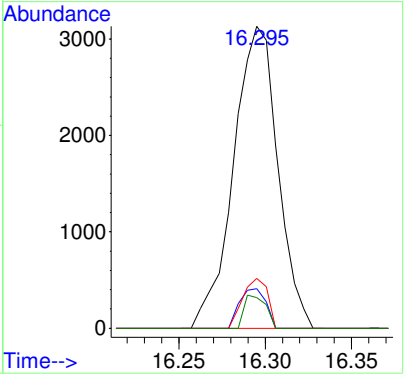




#95
Naphthalene
Concen: 0.48 ug/L
RT: 16.295 min Scan# 2703
Delta R.T. 0.001 min
Lab File: v6040507.D
Acq: 5 Apr 11 2:03 pm

Tgt Ion:128 Resp: 5584

Ion	Ratio	Lower	Upper
128	100		
129	7.8	8.2	15.2#
127	9.2	8.1	15.1
51	5.3	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-16

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\04\v6040418.D Vial: 18
Acq On : 4 Apr 2011 6:04 pm Operator: mbh
Sample : 11C1255-16 Inst : MSD6
Misc : 50,GL-18 (-3)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 05 08:51:55 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Fri Apr 01 16:00:33 2011
Response via : Initial Calibration

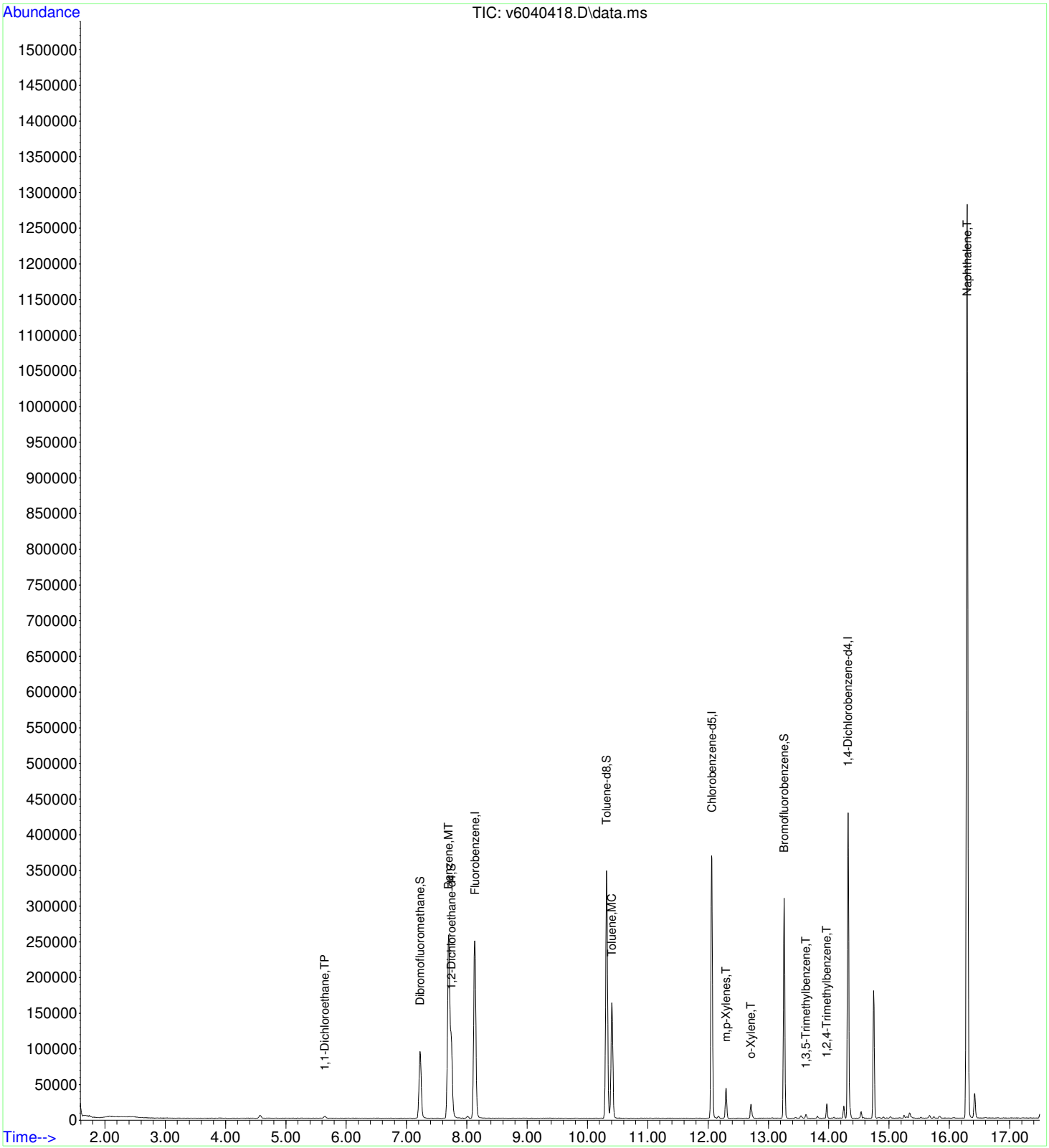
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	8.134	96	307797	25.00	ug/L		0.00
60) Chlorobenzene-d5	12.063	117	234194	25.00	ug/L		0.00
73) 1,4-Dichlorobenzene-d4	14.321	152	115444	25.00	ug/L		0.00
System Monitoring Compounds							
36) Dibromofluoromethane	7.225	111	81268	25.29	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.16%				
39) 1,2-Dichloroethane-d4	7.742	65	89574	25.84	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 103.36%				
61) Toluene-d8	10.316	98	281593	24.43	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.72%				
76) Bromofluorobenzene	13.260	95	100078	24.94	ug/L		0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 99.76%				
Target Compounds							Qvalue
23) 1,1-Dichloroethane	5.642	63	4484	0.66	ug/L	#	88
42) Benzene	7.699	78	293681	21.44	ug/L		92
54) Toluene	10.403	91	146089	10.27	ug/L		97
68) m,p-Xylenes	12.297	91	25719	2.24	ug/L		95
69) o-Xylene	12.710	91	12623	1.06	ug/L		96
81) 1,3,5-Trimethylbenzene	13.619	105	4233	0.38	ug/L	#	91
84) 1,2,4-Trimethylbenzene	13.967	105	12023	1.07	ug/L		97
95) Naphthalene	16.296	128	1119339	97.19	ug/L	#	94

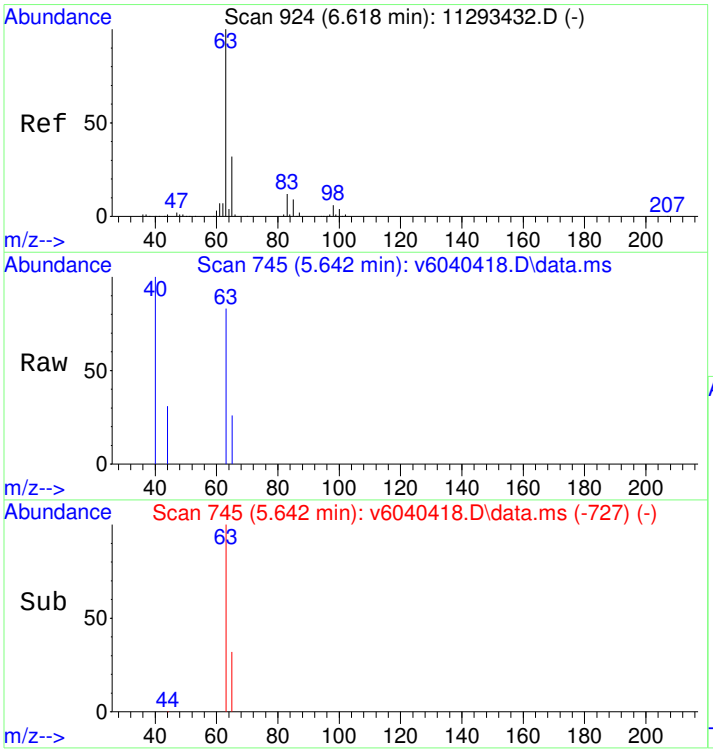
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\04\v6040418.D Vial: 18
Acq On : 4 Apr 2011 6:04 pm Operator: mbh
Sample : 11C1255-16 Inst : MSD6
Misc : 50,GL-18 (-3)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 05 08:51:55 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Fri Apr 01 16:00:33 2011
Response via : Initial Calibration

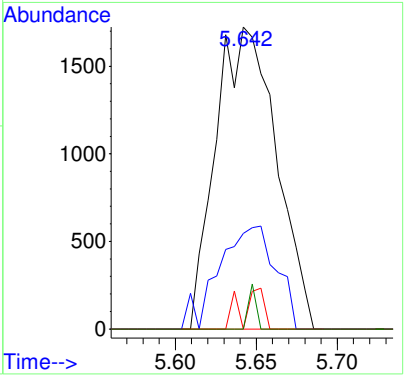


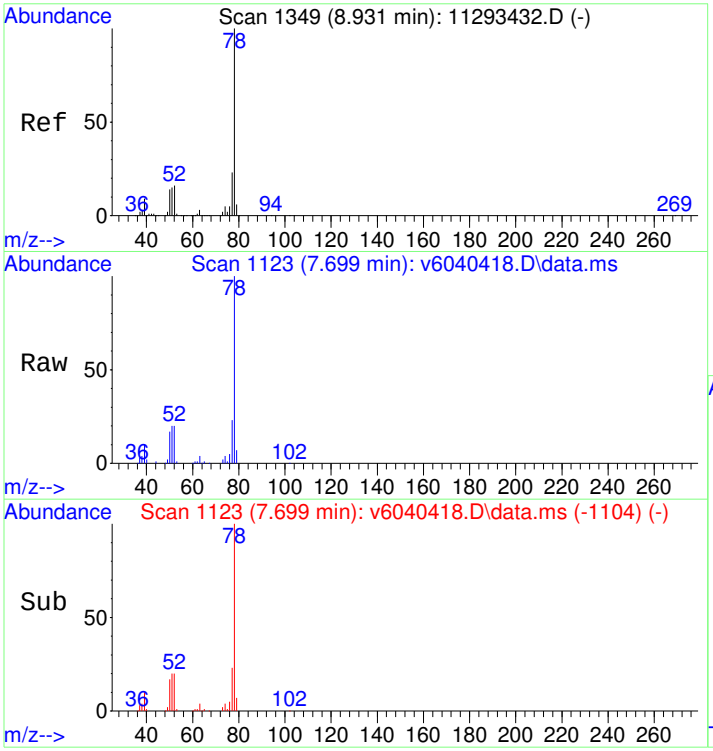


#23
1,1-Dichloroethane
Concen: 0.66 ug/L
RT: 5.642 min Scan# 745
Delta R.T. -0.000 min
Lab File: v6040418.D
Acq: 4 Apr 11 6:04 pm

Tgt Ion: 63 Resp: 4484

Ion	Ratio	Lower	Upper
63	100		
65	32.1	19.8	36.8
83	4.8	6.9	12.7#
61	1.9	7.6	14.2#

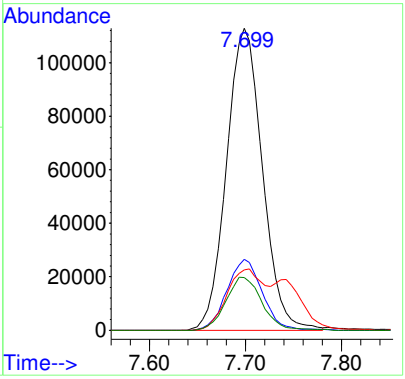


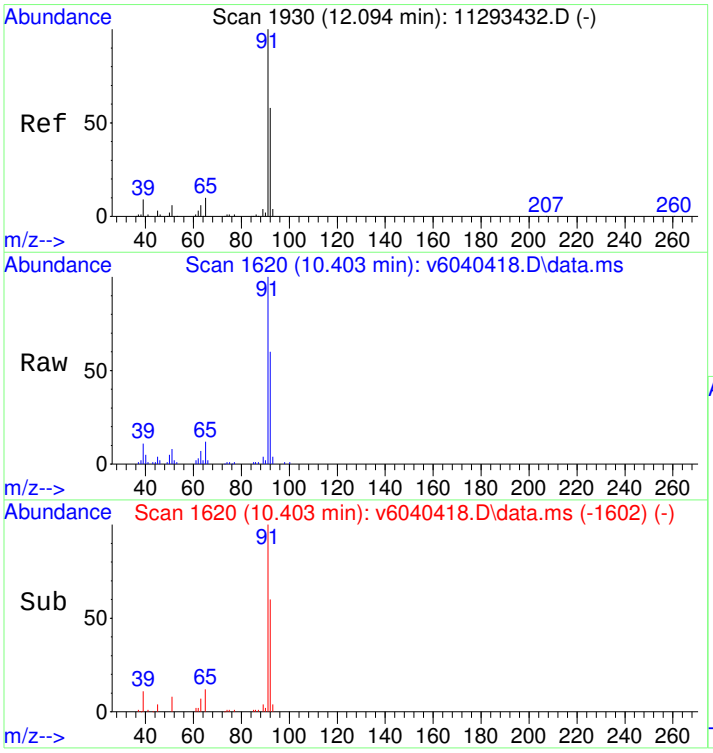


#42
Benzene
Concen: 21.44 ug/L
RT: 7.699 min Scan# 1123
Delta R.T. 0.002 min
Lab File: v6040418.D
Acq: 4 Apr 11 6:04 pm

Tgt Ion: 78 Resp: 293681

Ion	Ratio	Lower	Upper
78	100		
77	23.1	16.0	29.6
51	21.7	19.0	35.4
50	17.6	16.7	30.9

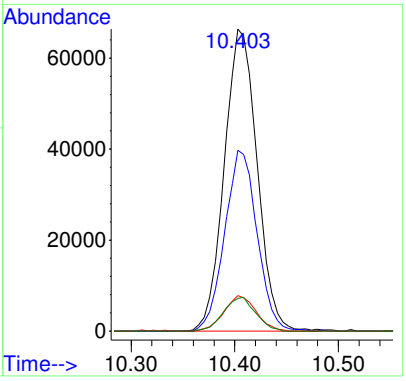


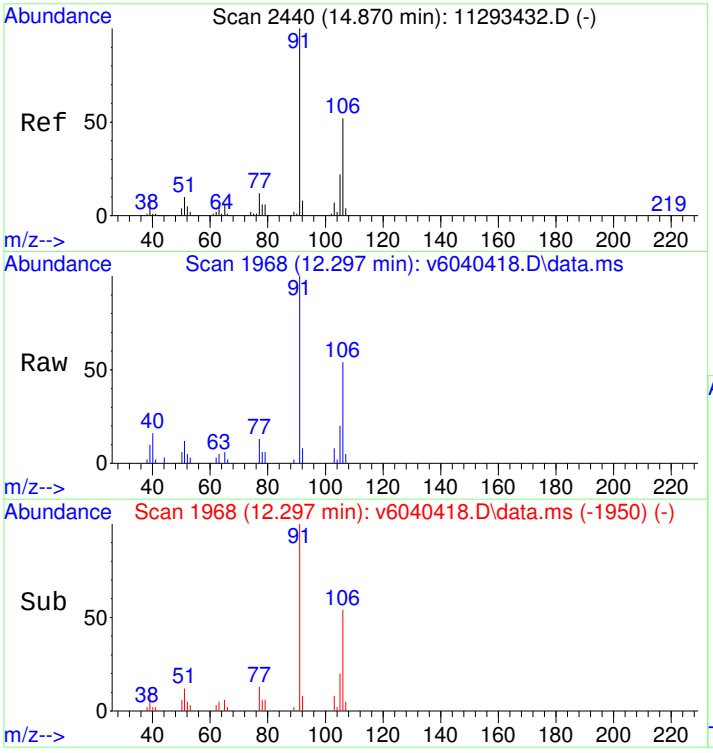


#54
Toluene
Concen: 10.27 ug/L
RT: 10.403 min Scan# 1620
Delta R.T. -0.002 min
Lab File: v6040418.D
Acq: 4 Apr 11 6:04 pm

Tgt Ion: 91 Resp: 146089

Ion	Ratio	Lower	Upper
91	100		
92	58.8	42.4	78.8
65	11.4	9.3	17.3
39	10.8	9.4	17.4

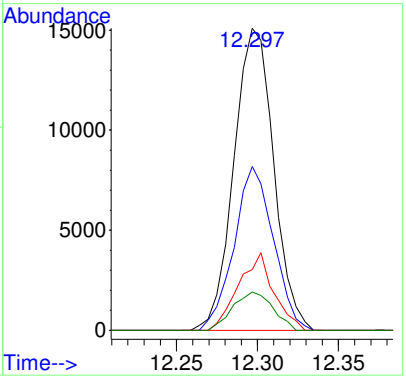


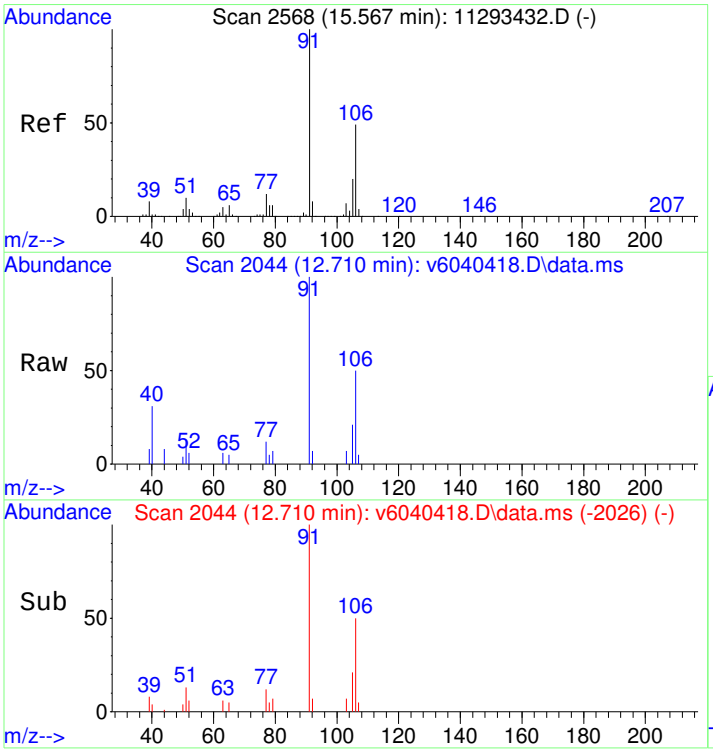


#68
m,p-Xylenes
Concen: 2.24 ug/L
RT: 12.297 min Scan# 1968
Delta R.T. -0.002 min
Lab File: v6040418.D
Acq: 4 Apr 11 6:04 pm

Tgt Ion: 91 Resp: 25719

Ion	Ratio	Lower	Upper
91	100		
106	53.5	34.1	63.3
105	22.7	15.2	28.2
77	12.7	9.1	16.9

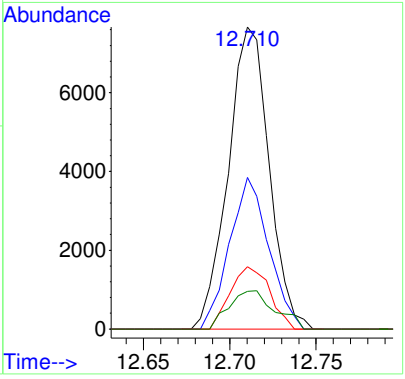


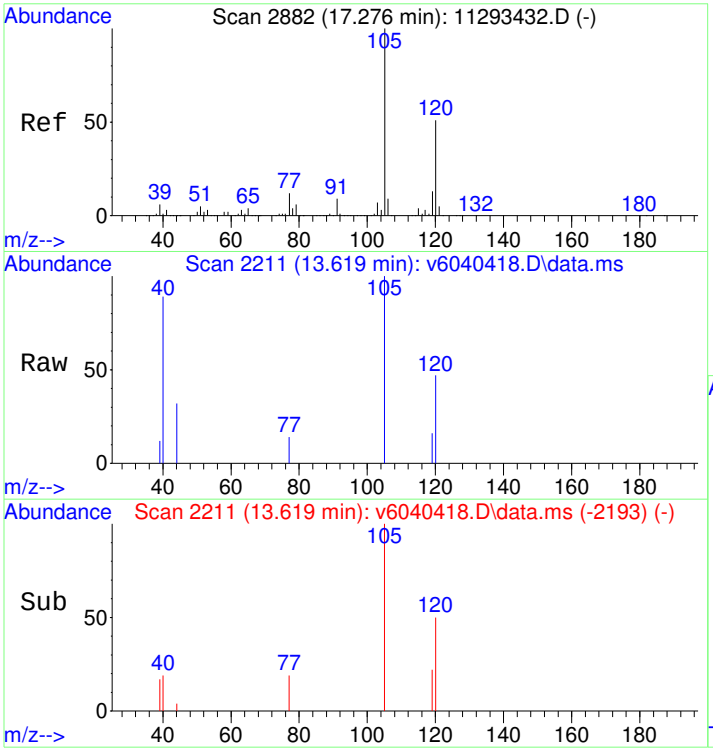


#69
o-Xylene
Concen: 1.06 ug/L
RT: 12.710 min Scan# 2044
Delta R.T. -0.000 min
Lab File: v6040418.D
Acq: 4 Apr 11 6:04 pm

Tgt Ion: 91 Resp: 12623

Ion	Ratio	Lower	Upper
91	100		
106	48.1	32.1	59.5
105	19.9	13.1	24.3
77	14.1	8.5	15.9

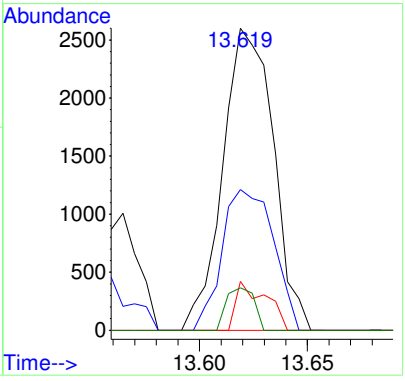


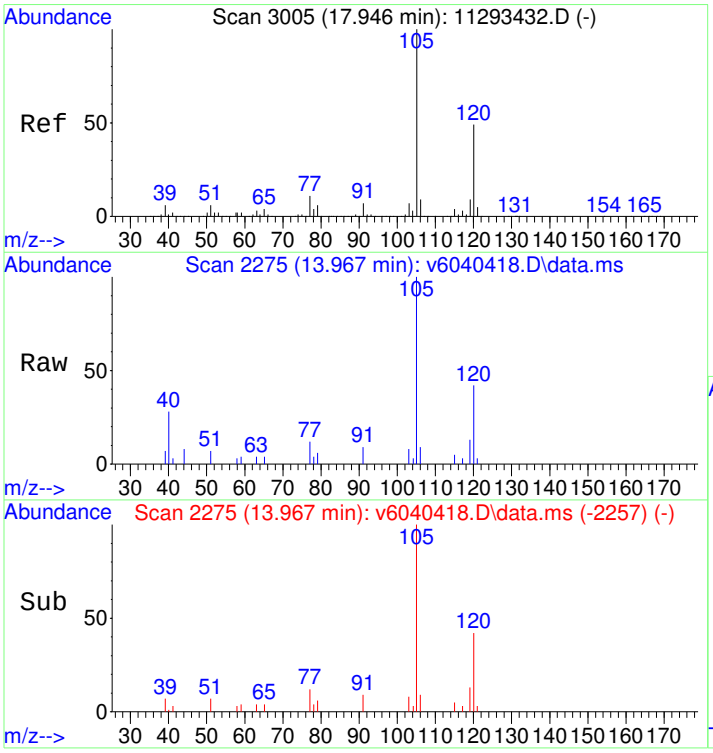


#81
1,3,5-Trimethylbenzene
Concen: 0.38 ug/L
RT: 13.619 min Scan# 2211
Delta R.T. -0.004 min
Lab File: v6040418.D
Acq: 4 Apr 11 6:04 pm

Tgt Ion:105 Resp: 4233

Ion	Ratio	Lower	Upper
105	100		
120	47.5	34.4	63.8
119	9.6	8.3	15.5
77	7.7	13.6	25.2#

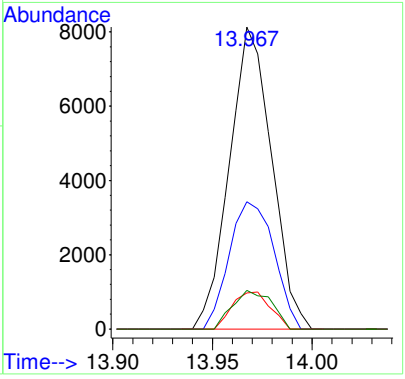


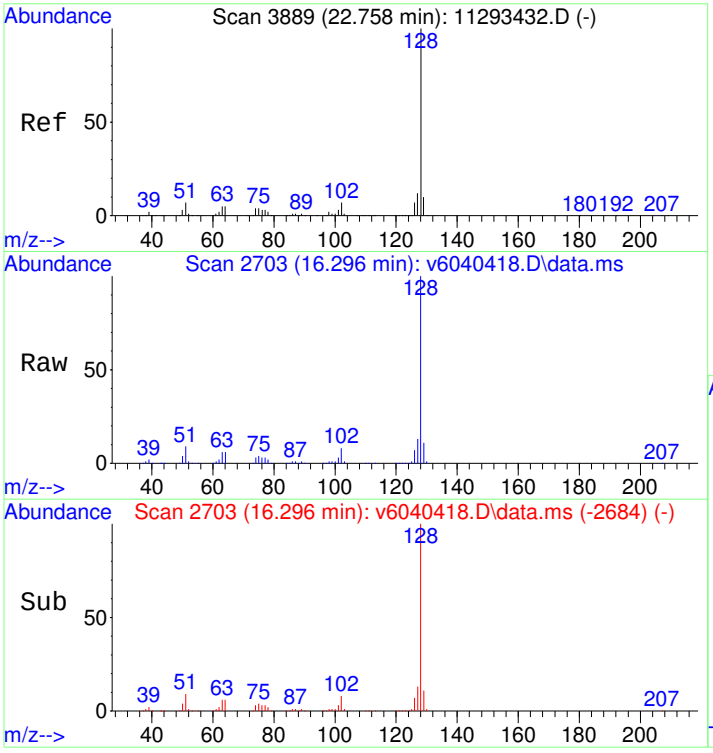


#84
1,2,4-Trimethylbenzene
Concen: 1.07 ug/L
RT: 13.967 min Scan# 2275
Delta R.T. -0.001 min
Lab File: v6040418.D
Acq: 4 Apr 11 6:04 pm

Tgt Ion:105 Resp: 12023

Ion	Ratio	Lower	Upper
105	100		
120	44.6	32.3	59.9
77	11.1	9.3	17.3
119	11.8	8.1	15.1

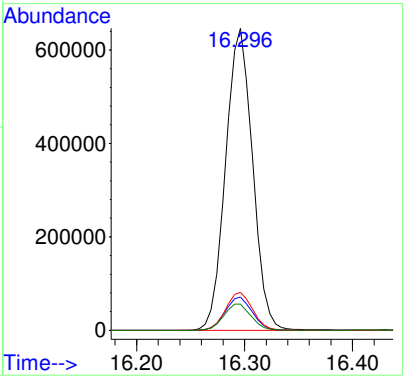




#95
Naphthalene
Concen: 97.19 ug/L
RT: 16.296 min Scan# 2703
Delta R.T. 0.002 min
Lab File: v6040418.D
Acq: 4 Apr 11 6:04 pm

Tgt Ion:128 Resp: 1119339

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.2	15.2
127	12.5	8.1	15.1
51	8.8	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-17

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\29\v4032909.D Vial: 9
Acq On : 29 Mar 2011 4:43 pm Operator: mbh
Sample : 11C1255-17 Inst : MSD4
Misc : GL-18 (-33)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 29 17:00:37 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Mar 29 13:42:32 2011
Response via : Initial Calibration

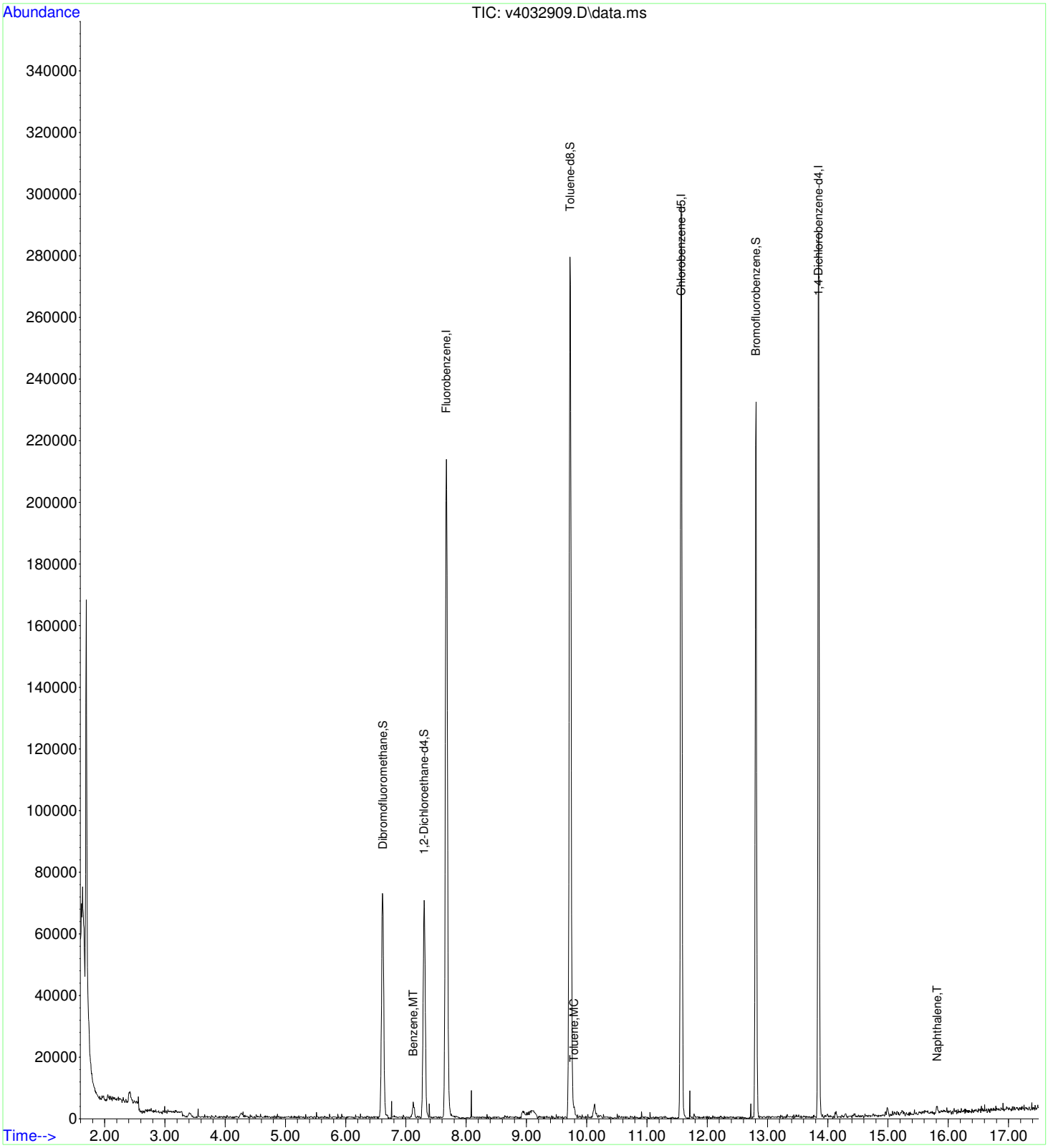
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.671	96	241502	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.568	117	171606	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.849	152	68728	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.615	111	60621	26.36	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 105.44%			
39) 1,2-Dichloroethane-d4	7.301	65	66068	29.86	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 119.44%			
61) Toluene-d8	9.723	98	228979	24.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.96%			
76) Bromofluorobenzene	12.809	95	76812	29.22	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 116.88%			
Target Compounds						Qvalue
42) Benzene	7.121	78	5193	0.62	ug/L #	86
54) Toluene	9.788	91	2559	0.30	ug/L #	61
95) Naphthalene	15.814	128	1858	0.93	ug/L #	68

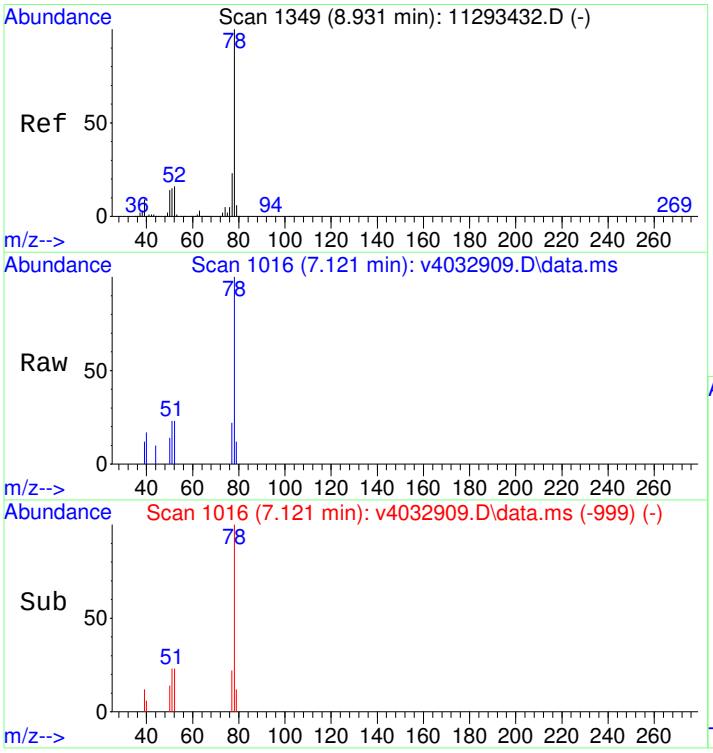
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\29\v4032909.D Vial: 9
Acq On : 29 Mar 2011 4:43 pm Operator: mbh
Sample : 11C1255-17 Inst : MSD4
Misc : GL-18 (-33)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 29 17:00:37 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Mar 29 13:42:32 2011
Response via : Initial Calibration

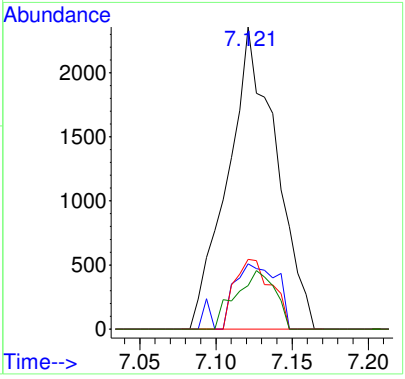


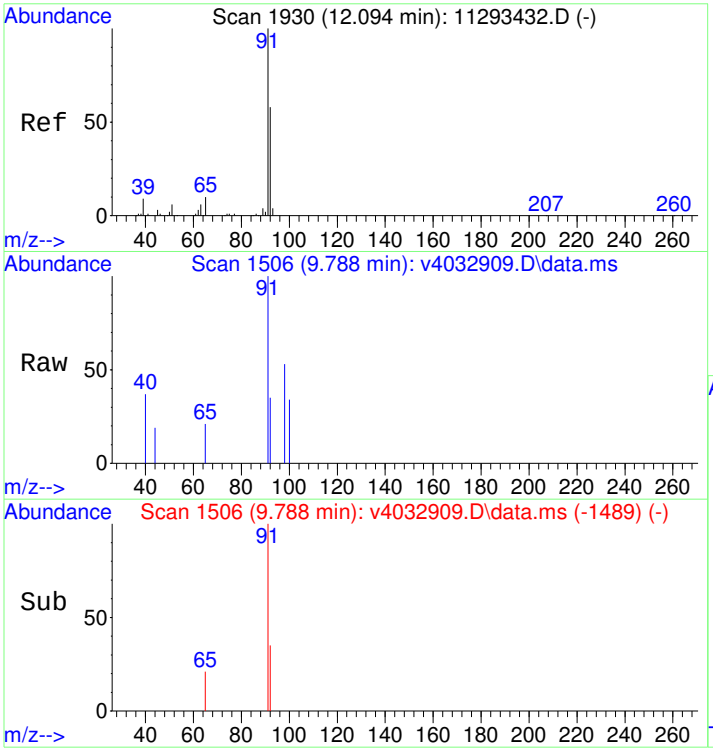


#42
Benzene
Concen: 0.62 ug/L
RT: 7.121 min Scan# 1016
Delta R.T. -0.005 min
Lab File: v4032909.D
Acq: 29 Mar 11 4:43 pm

Tgt Ion: 78 Resp: 5193

Ion	Ratio	Lower	Upper
78	100		
77	19.0	16.0	29.6
51	17.7	19.0	35.4#
50	15.8	16.7	30.9#

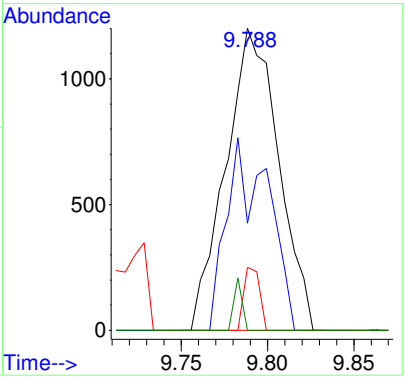


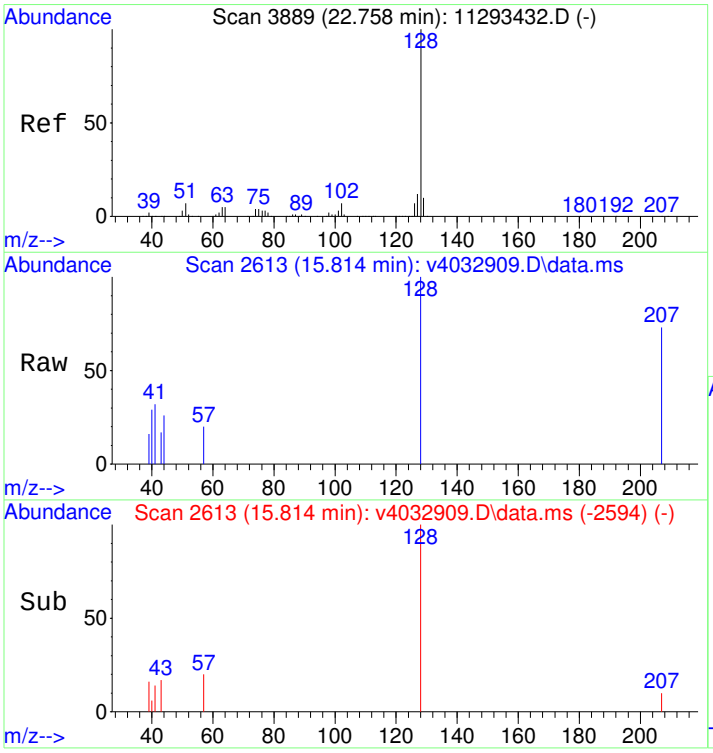


#54
Toluene
Concen: 0.30 ug/L
RT: 9.788 min Scan# 1506
Delta R.T. -0.006 min
Lab File: v4032909.D
Acq: 29 Mar 11 4:43 pm

Tgt Ion: 91 Resp: 2559

Ion	Ratio	Lower	Upper
91	100		
92	25.4	42.4	78.8#
65	6.1	9.3	17.3#
39	2.7	9.4	17.4#

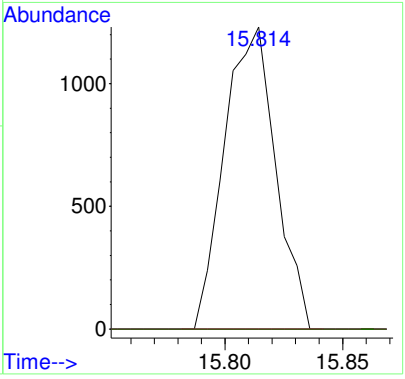




#95
Naphthalene
Concen: 0.93 ug/L
RT: 15.814 min Scan# 2613
Delta R.T. 0.003 min
Lab File: v4032909.D
Acq: 29 Mar 11 4:43 pm

Tgt Ion:128 Resp: 1858

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.2	15.2#
127	0.0	8.1	15.1#
51	0.0	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-19RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\07\v6040717.D Vial: 5
Acq On : 7 Apr 2011 6:31 pm Operator: mbh
Sample : 11C1255-19RE1 Inst : MSD6
Misc : GL-20 (-5)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 07:10:44 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

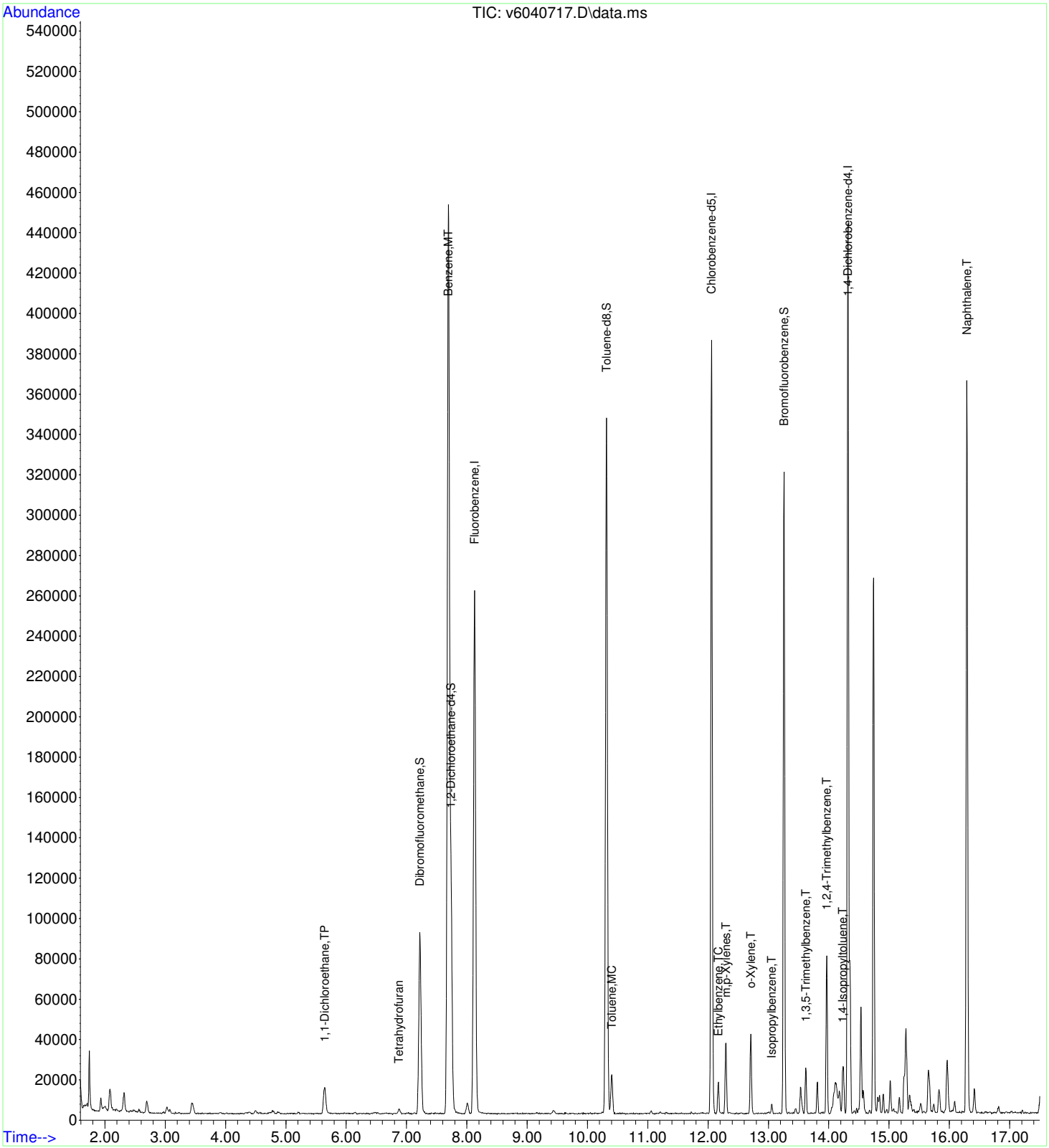
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	8.129	96	316645	25.00	ug/L		0.00
60) Chlorobenzene-d5	12.057	117	241071	25.00	ug/L		0.00
73) 1,4-Dichlorobenzene-d4	14.321	152	121363	25.00	ug/L		0.00
System Monitoring Compounds							
36) Dibromofluoromethane	7.220	111	79617	24.08	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 96.32%				
39) 1,2-Dichloroethane-d4	7.737	65	90288	25.32	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.28%				
61) Toluene-d8	10.316	98	287309	24.21	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.84%				
76) Bromofluorobenzene	13.260	95	105010	24.89	ug/L		0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 99.56%				
Target Compounds							Qvalue
23) 1,1-Dichloroethane	5.642	63	21620	3.12	ug/L	#	94
35) Tetrahydrofuran	6.872	42	1792	1.49	ug/L	#	78
42) Benzene	7.693	78	512429	36.36	ug/L		95
54) Toluene	10.403	91	17538	1.20	ug/L		95
67) Ethylbenzene	12.171	91	12619	0.80	ug/L	#	94
68) m,p-Xylenes	12.297	91	21674	1.83	ug/L		95
69) o-Xylene	12.710	91	22569	1.84	ug/L		94
74) Isopropylbenzene	13.053	105	3583	0.25	ug/L	#	88
81) 1,3,5-Trimethylbenzene	13.619	105	12745	1.09	ug/L	#	96
84) 1,2,4-Trimethylbenzene	13.967	105	42158	3.55	ug/L		99
86) 1,4-Isopropyltoluene	14.234	119	12342	1.04	ug/L		93
95) Naphthalene	16.291	128	317095	26.19	ug/L	#	94

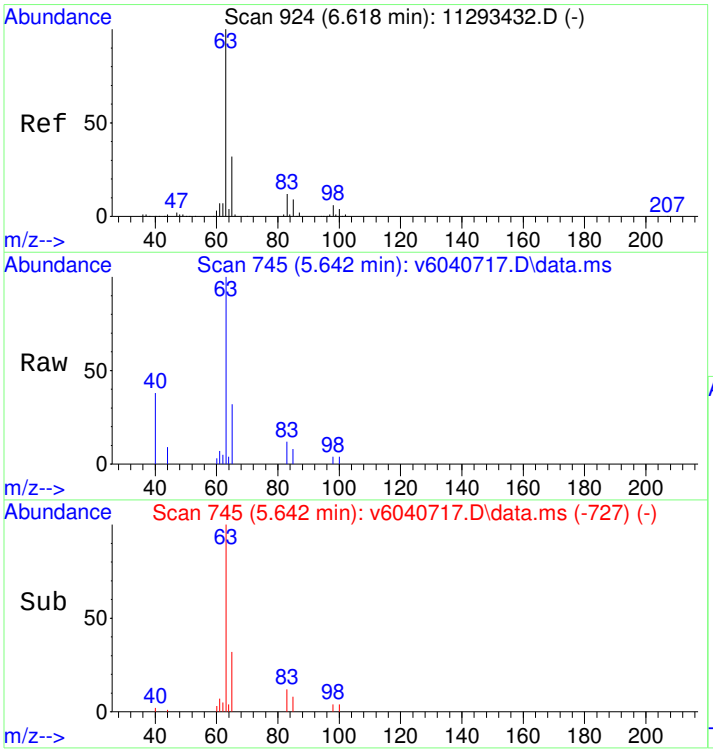
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\07\v6040717.D Vial: 5
Acq On : 7 Apr 2011 6:31 pm Operator: mbh
Sample : 11C1255-19RE1 Inst : MSD6
Misc : GL-20 (-5)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 07:10:44 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

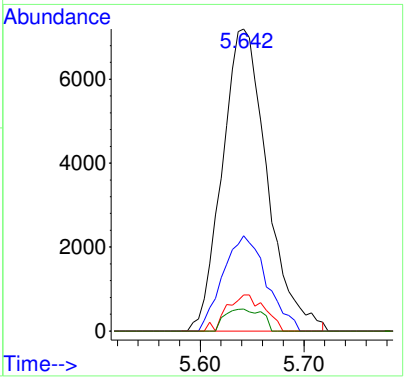


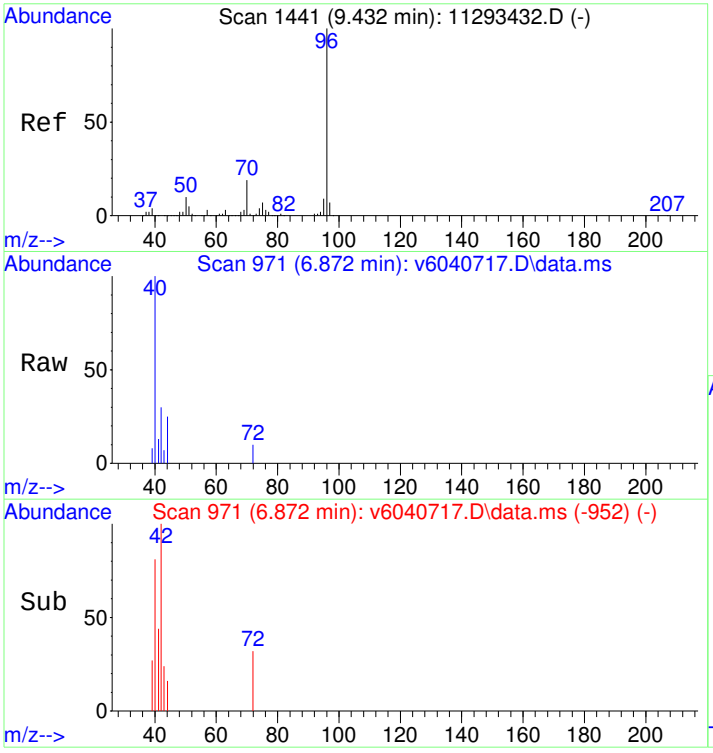


#23
1,1-Dichloroethane
Concen: 3.12 ug/L
RT: 5.642 min Scan# 745
Delta R.T. -0.000 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion: 63 Resp: 21620

Ion	Ratio	Lower	Upper
63	100		
65	30.6	19.8	36.8
83	10.1	6.9	12.7
61	6.0	7.6	14.2#

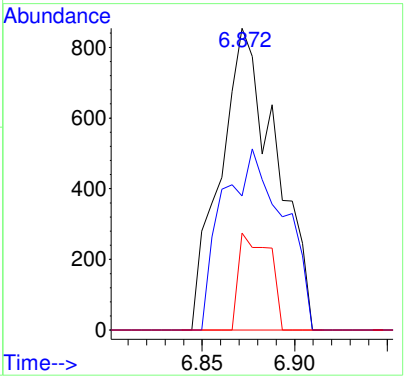


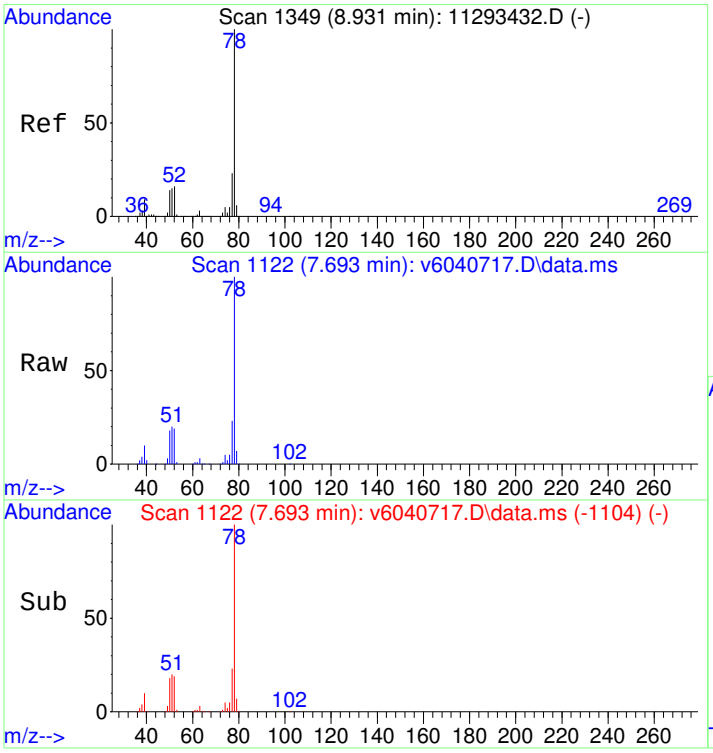


#35
Tetrahydrofuran
Concen: 1.49 ug/L
RT: 6.872 min Scan# 971
Delta R.T. 0.002 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion: 42 Resp: 1792

Ion	Ratio	Lower	Upper
42	100		
41	65.8	32.8	60.8#
72	17.7	14.7	27.3

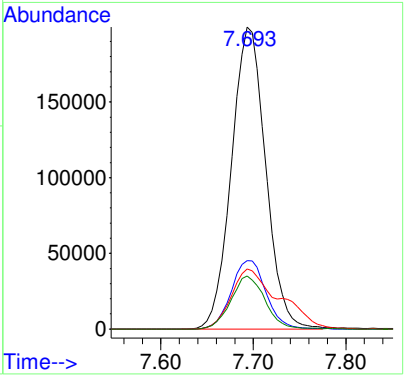


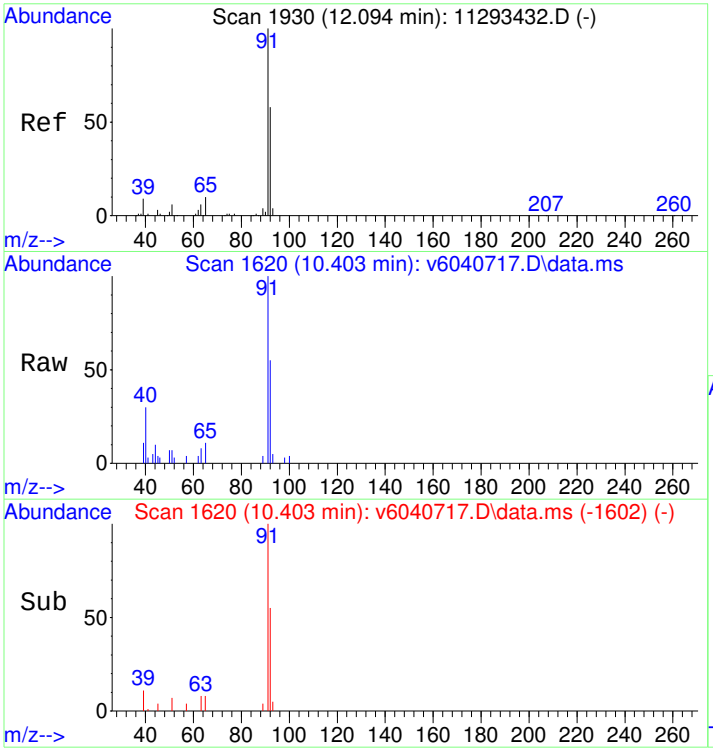


#42
Benzene
Concen: 36.36 ug/L
RT: 7.693 min Scan# 1122
Delta R.T. -0.004 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion: 78 Resp: 512429

Ion	Ratio	Lower	Upper
78	100		
77	23.1	16.0	29.6
51	27.8	19.0	35.4
50	17.5	16.7	30.9

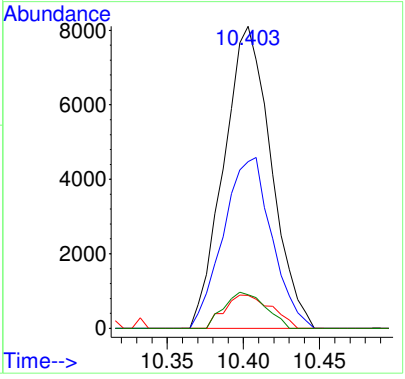


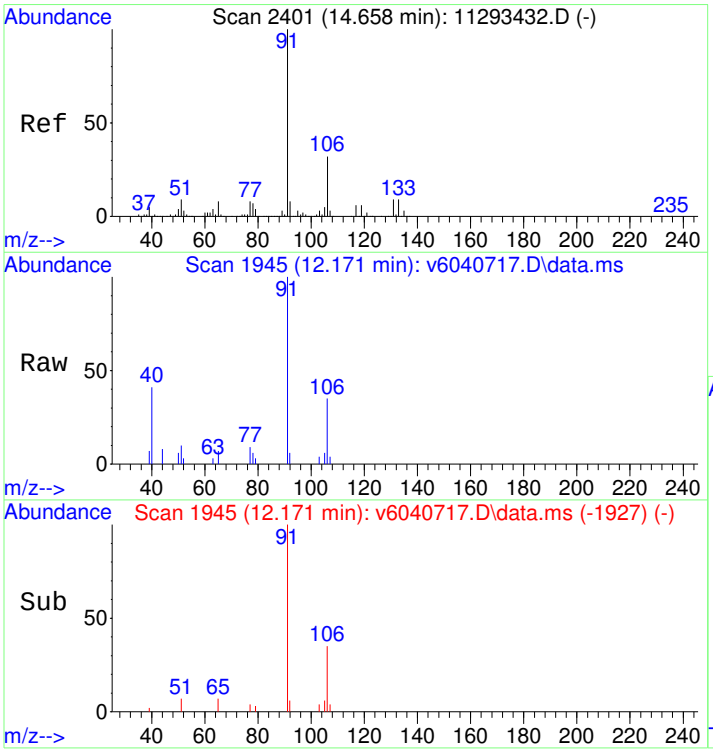


#54
Toluene
Concen: 1.20 ug/L
RT: 10.403 min Scan# 1620
Delta R.T. -0.003 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion: 91 Resp: 17538

Ion	Ratio	Lower	Upper
91	100		
92	57.7	42.4	78.8
65	10.9	9.3	17.3
39	10.4	9.4	17.4

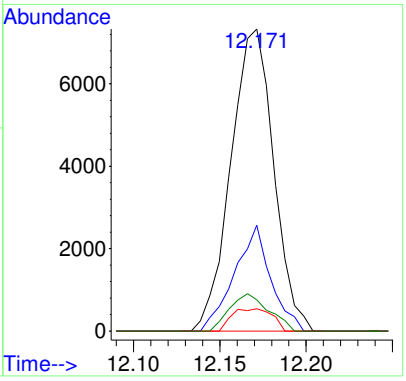


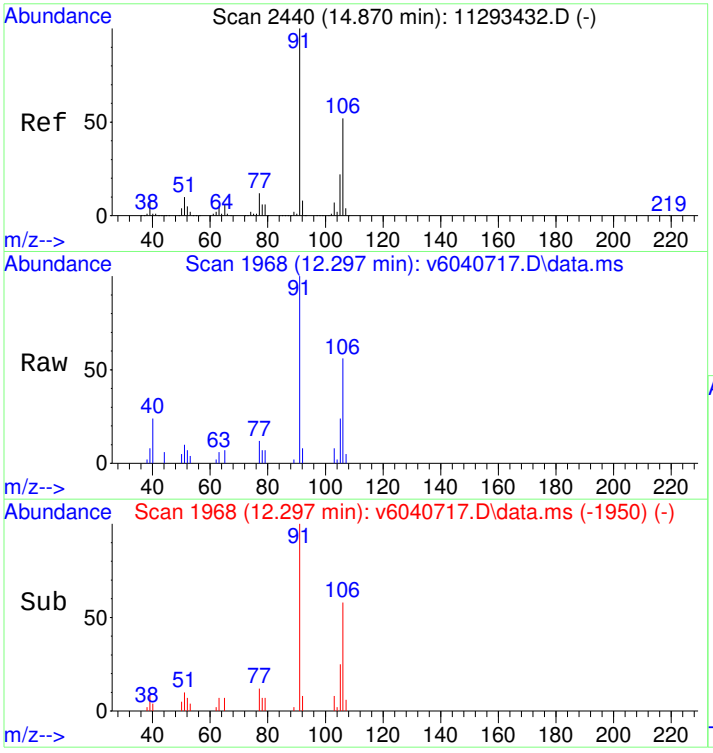


#67
Ethylbenzene
Concen: 0.80 ug/L
RT: 12.171 min Scan# 1945
Delta R.T. -0.000 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion: 91 Resp: 12619

Ion	Ratio	Lower	Upper
91	100		
106	29.7	21.3	39.6
65	6.9	7.1	13.3#
51	11.2	11.2	20.8

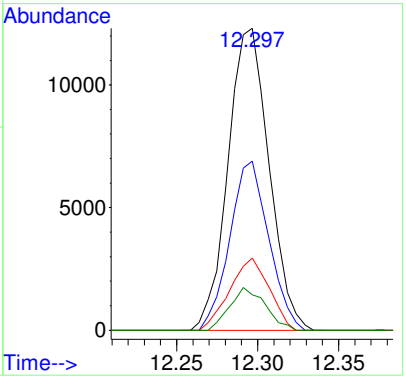


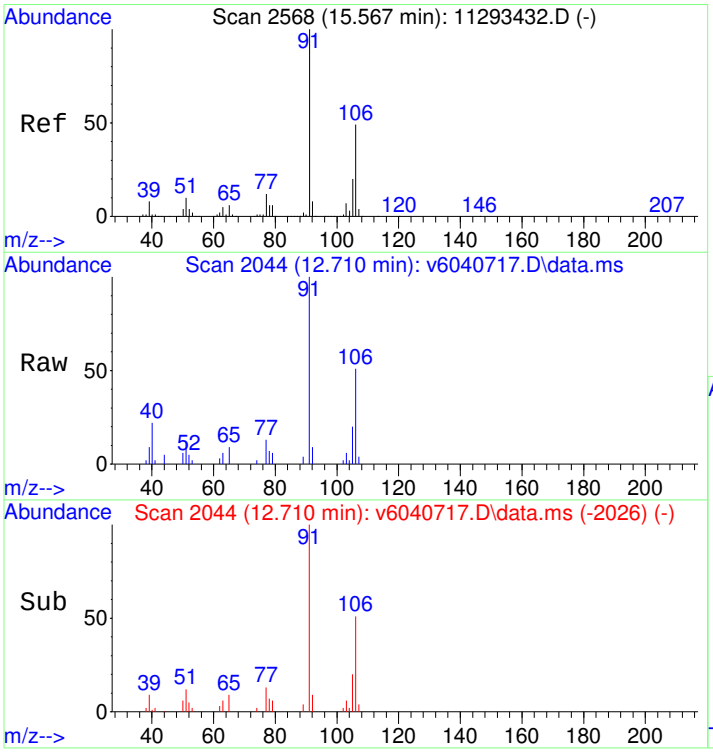


#68
m,p-Xylenes
Concen: 1.83 ug/L
RT: 12.297 min Scan# 1968
Delta R.T. -0.003 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion: 91 Resp: 21674

Ion	Ratio	Lower	Upper
91	100		
106	53.2	34.1	63.3
105	23.0	15.2	28.2
77	12.3	9.1	16.9

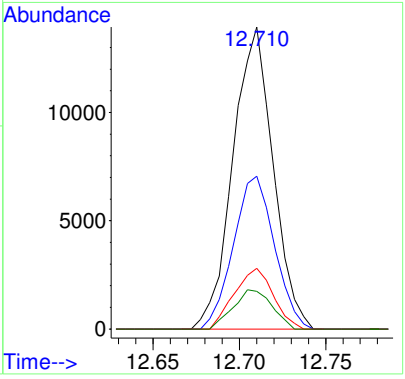


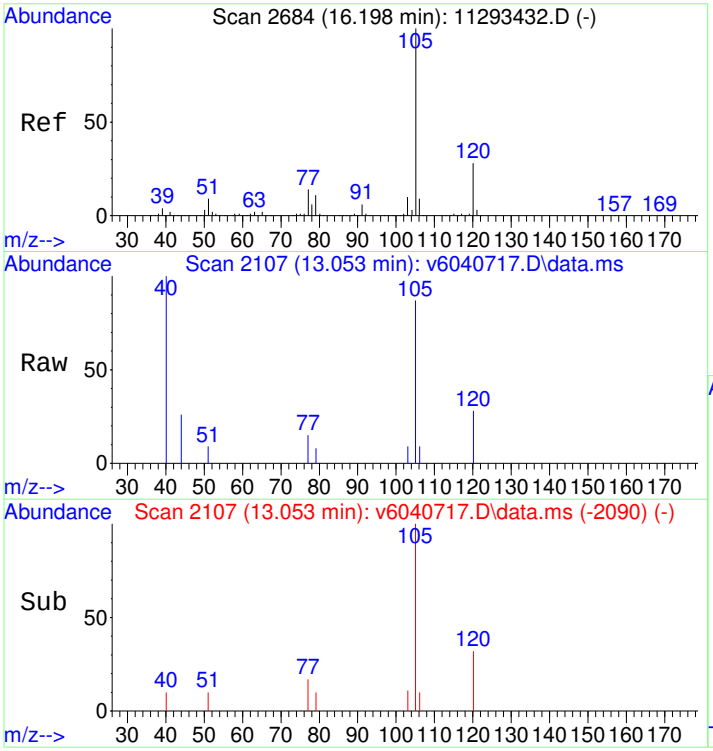


#69
o-Xylene
Concen: 1.84 ug/L
RT: 12.710 min Scan# 2044
Delta R.T. -0.000 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion: 91 Resp: 22569

Ion	Ratio	Lower	Upper
91	100		
106	51.6	32.1	59.5
105	19.5	13.1	24.3
77	12.6	8.5	15.9

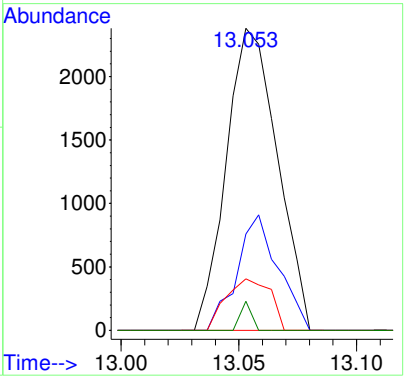


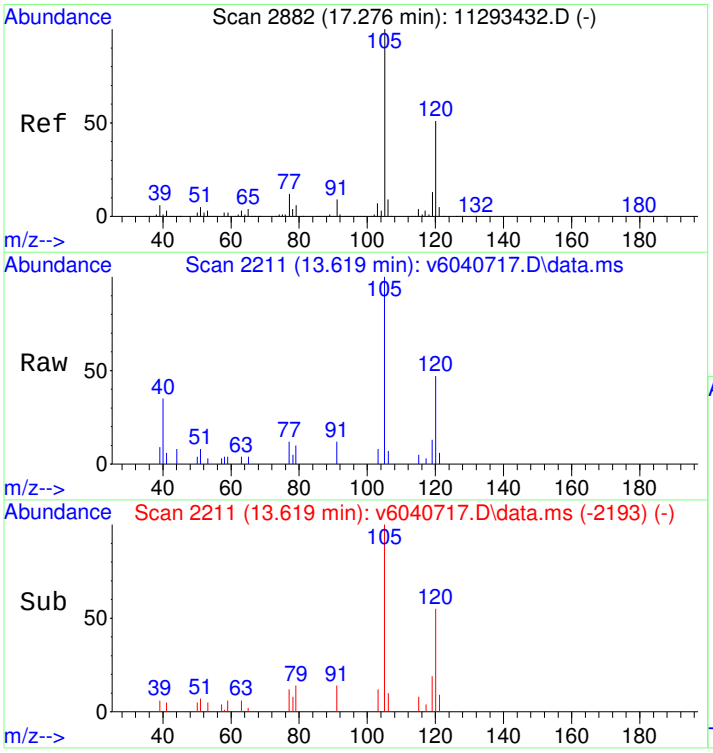


#74
Isopropylbenzene
Concen: 0.25 ug/L
RT: 13.053 min Scan# 2107
Delta R.T. -0.006 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion:105 Resp: 3583

Ion	Ratio	Lower	Upper
105	100		
120	30.8	18.2	33.8
77	14.7	10.9	20.3
79	2.1	9.2	17.2#

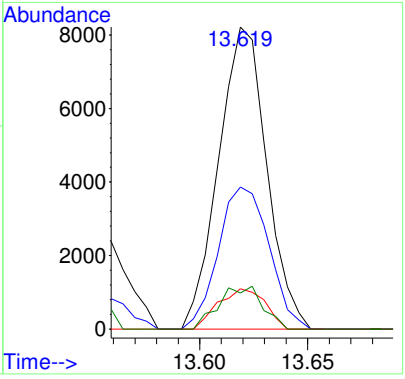


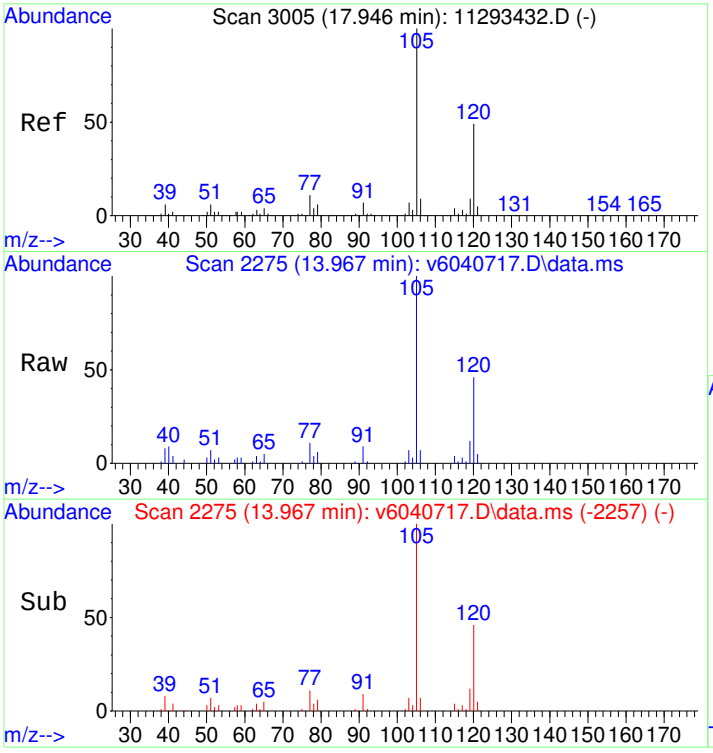


#81
1,3,5-Trimethylbenzene
Concen: 1.09 ug/L
RT: 13.619 min Scan# 2211
Delta R.T. -0.004 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion:105 Resp: 12745

Ion	Ratio	Lower	Upper
105	100		
120	49.5	34.4	63.8
119	13.0	8.3	15.5
77	12.9	13.6	25.2#

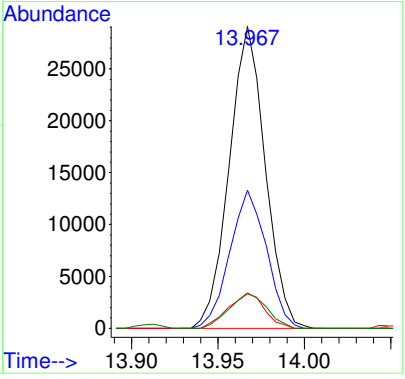


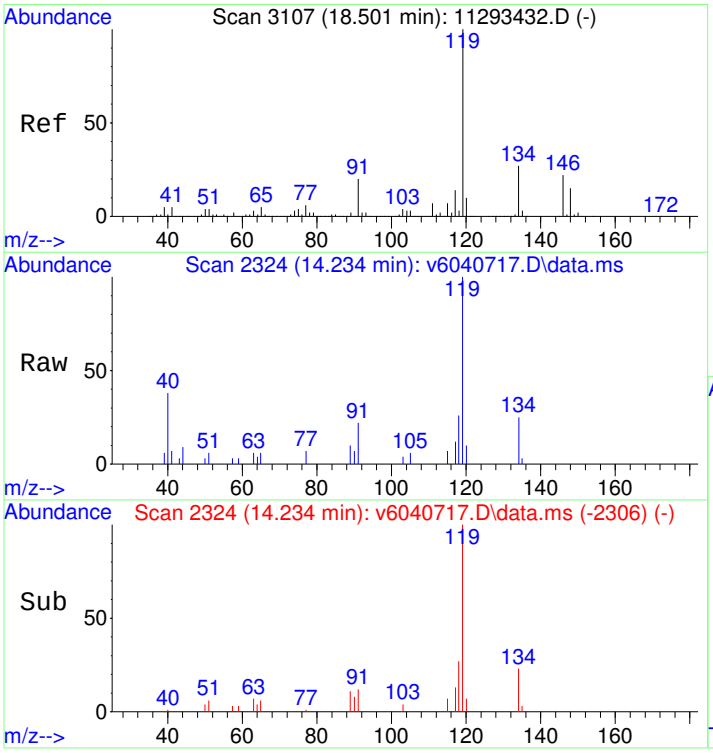


#84
1,2,4-Trimethylbenzene
Concen: 3.55 ug/L
RT: 13.967 min Scan# 2275
Delta R.T. -0.001 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion:105 Resp: 42158

Ion	Ratio	Lower	Upper
105	100		
120	46.5	32.3	59.9
77	11.7	9.3	17.3
119	12.1	8.1	15.1

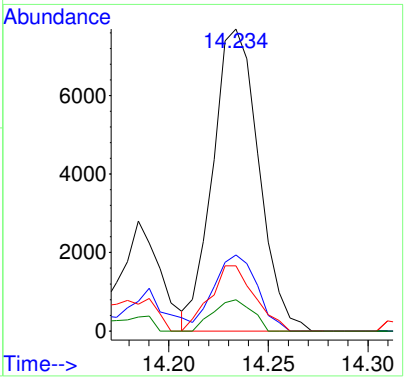


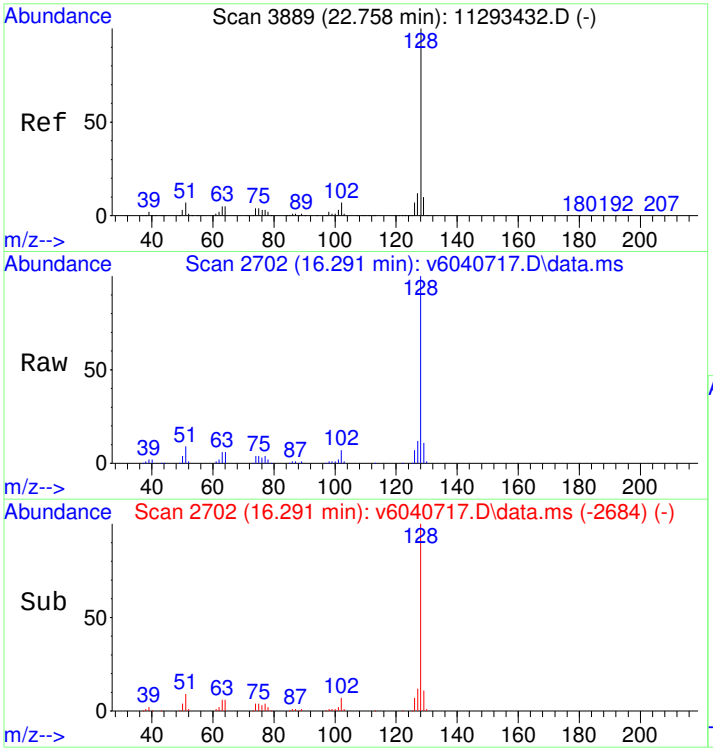


#86
1,4-Isopropyltoluene
Concen: 1.04 ug/L
RT: 14.234 min Scan# 2324
Delta R.T. -0.001 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion:119 Resp: 12342

Ion	Ratio	Lower	Upper
119	100		
134	23.5	19.0	35.2
91	20.9	17.9	33.3
120	8.8	6.9	12.7

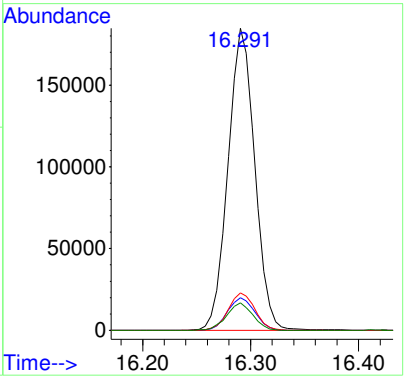




#95
Naphthalene
Concen: 26.19 ug/L
RT: 16.291 min Scan# 2702
Delta R.T. -0.004 min
Lab File: v6040717.D
Acq: 7 Apr 11 6:31 pm

Tgt Ion:128 Resp: 317095

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.2	15.2
127	12.3	8.1	15.1
51	8.8	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-20RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040508.D Vial: 10
Acq On : 5 Apr 2011 2:35 pm Operator: MBH
Sample : 11C1255-20RE1 Inst : MSD6
Misc : TS-01 (-7)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 05 15:33:54 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

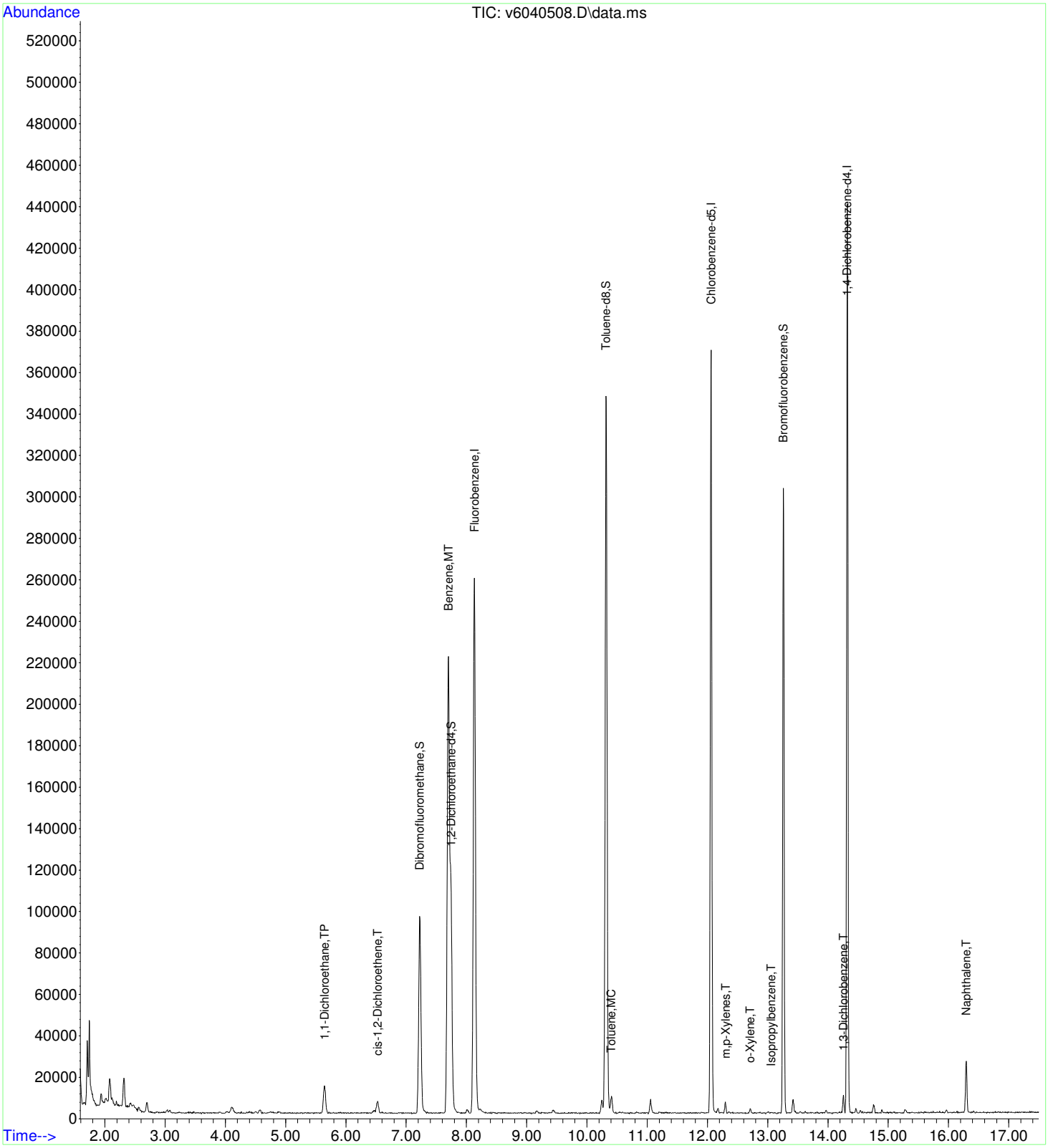
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	8.134	96	311087	25.00	ug/L		0.00
60) Chlorobenzene-d5	12.062	117	233670	25.00	ug/L		0.00
73) 1,4-Dichlorobenzene-d4	14.320	152	117238	25.00	ug/L		0.00
System Monitoring Compounds							
36) Dibromofluoromethane	7.225	111	82341	25.35	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.40%				
39) 1,2-Dichloroethane-d4	7.747	65	89360	25.51	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 102.04%				
61) Toluene-d8	10.316	98	287612	25.01	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.04%				
76) Bromofluorobenzene	13.259	95	101512	24.91	ug/L		0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 99.64%				
Target Compounds							Qvalue
23) 1,1-Dichloroethane	5.647	63	19814	2.91	ug/L	#	95
28) cis-1,2-Dichloroethene	6.528	61	5250	0.93	ug/L		88
42) Benzene	7.704	78	254256	18.37	ug/L		90
54) Toluene	10.403	91	6314	0.44	ug/L	#	96
68) m,p-Xylenes	12.302	91	3970	0.35	ug/L		95
69) o-Xylene	12.710	91	1838	0.15	ug/L	#	91
74) Isopropylbenzene	13.058	105	406	0.03	ug/L	#	57
87) 1,3-Dichlorobenzene	14.260	146	4072	0.55	ug/L		95
95) Naphthalene	16.296	128	23122	1.98	ug/L	#	95

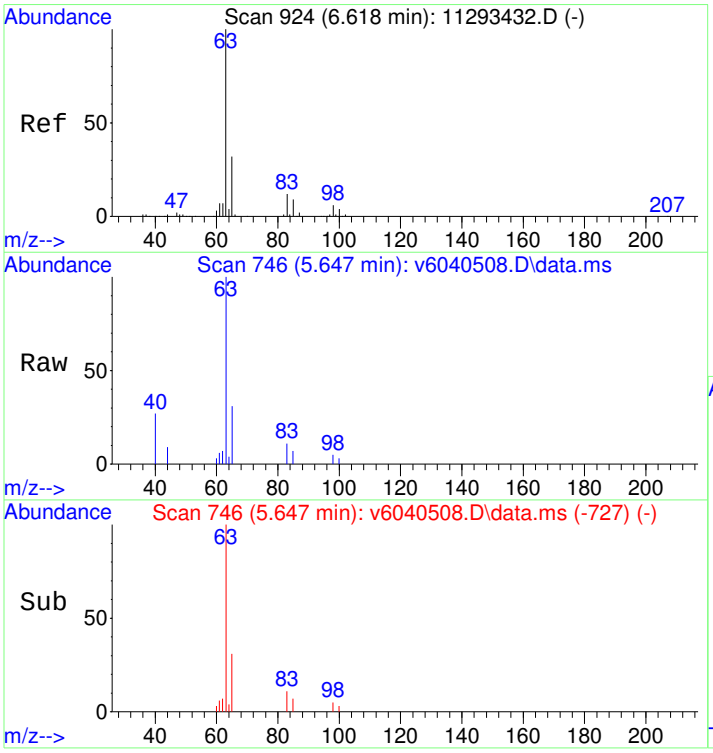
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040508.D Vial: 10
Acq On : 5 Apr 2011 2:35 pm Operator: MBH
Sample : 11C1255-20RE1 Inst : MSD6
Misc : TS-01 (-7)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 05 15:33:54 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

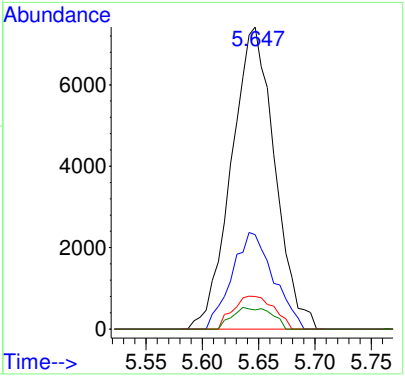


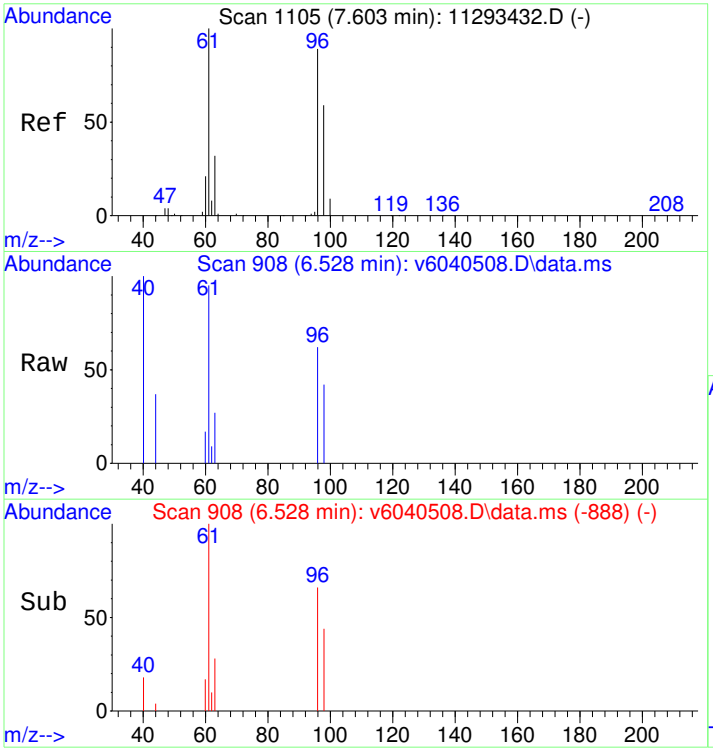


#23
1,1-Dichloroethane
Concen: 2.91 ug/L
RT: 5.647 min Scan# 746
Delta R.T. 0.005 min
Lab File: v6040508.D
Acq: 5 Apr 11 2:35 pm

Tgt Ion: 63 Resp: 19814

Ion	Ratio	Lower	Upper
63	100		
65	30.7	19.8	36.8
83	10.2	6.9	12.7
61	6.4	7.6	14.2#

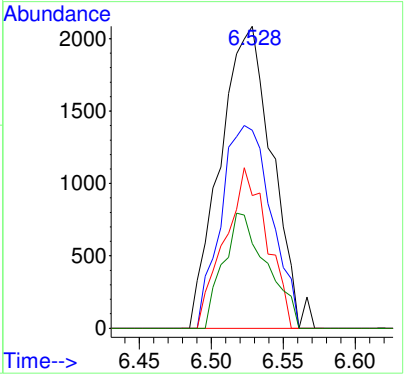


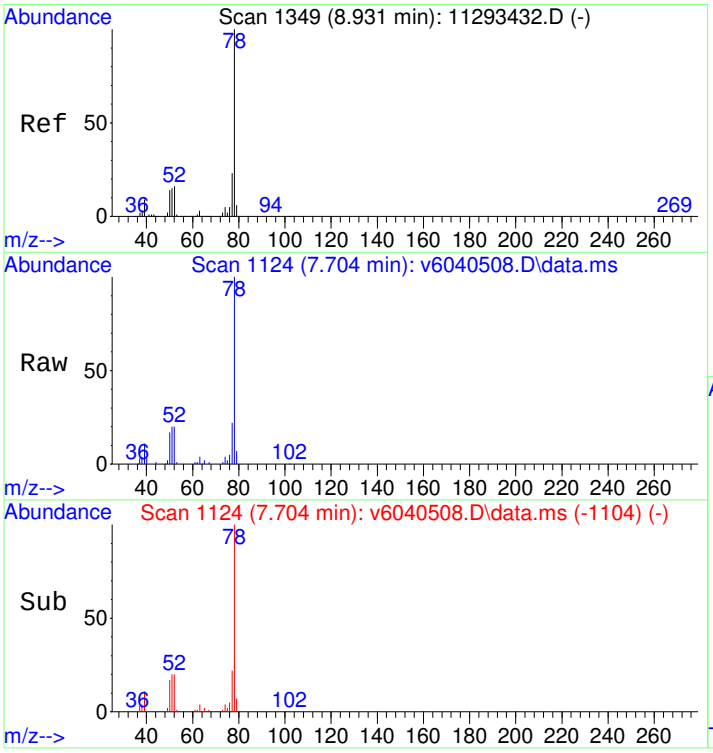


#28
cis-1,2-Dichloroethene
Concen: 0.93 ug/L
RT: 6.528 min Scan# 908
Delta R.T. 0.009 min
Lab File: v6040508.D
Acq: 5 Apr 11 2:35 pm

Tgt Ion: 61 Resp: 5250

Ion	Ratio	Lower	Upper
61	100		
96	64.9	38.4	71.2
98	43.3	24.4	45.4
63	31.8	20.4	38.0

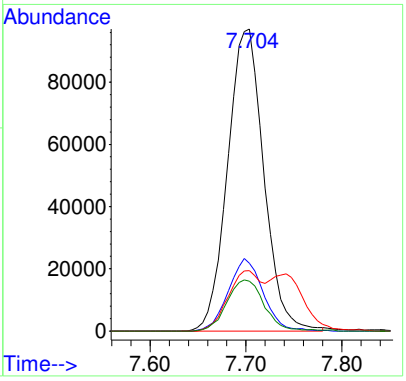


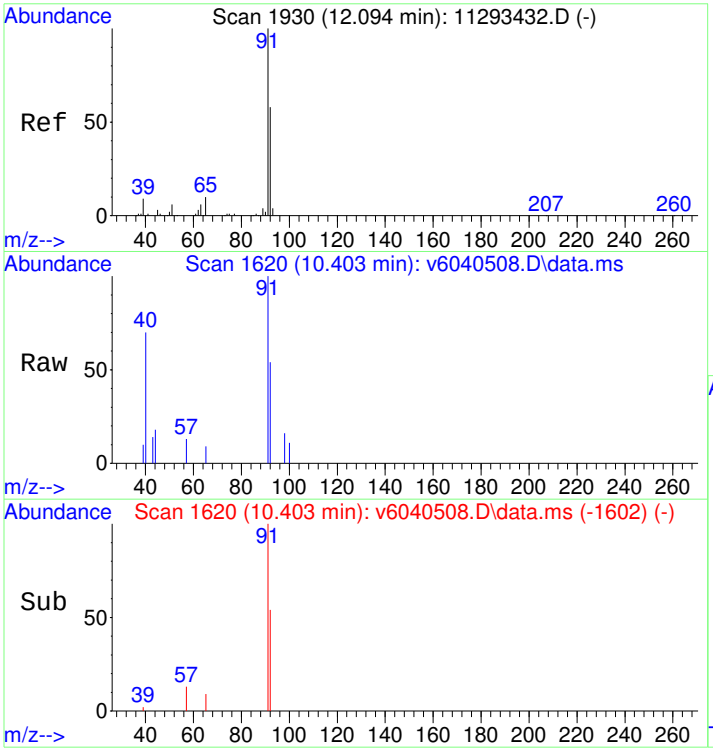


#42
Benzene
Concen: 18.37 ug/L
RT: 7.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: v6040508.D
Acq: 5 Apr 11 2:35 pm

Tgt Ion: 78 Resp: 254256

Ion	Ratio	Lower	Upper
78	100		
77	23.1	16.0	29.6
51	19.1	19.0	35.4
50	17.4	16.7	30.9

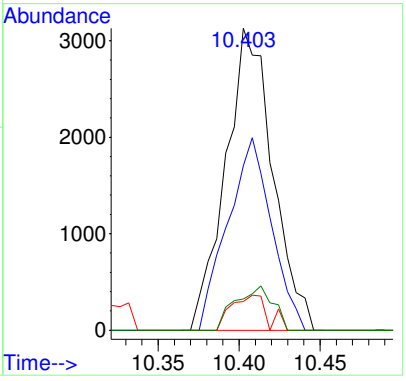


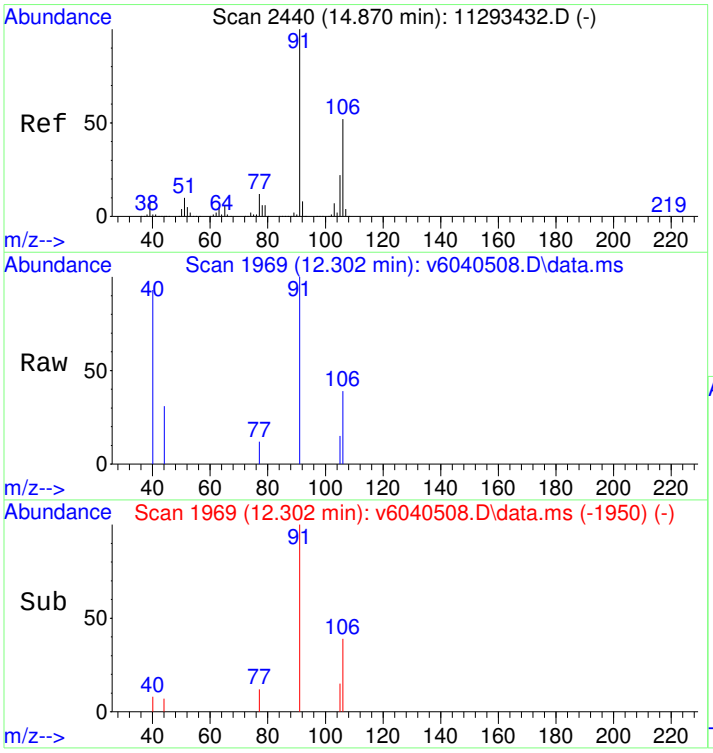


#54
Toluene
Concen: 0.44 ug/L
RT: 10.403 min Scan# 1620
Delta R.T. -0.003 min
Lab File: v6040508.D
Acq: 5 Apr 11 2:35 pm

Tgt Ion: 91 Resp: 6314

Ion	Ratio	Lower	Upper
91	100		
92	59.2	42.4	78.8
65	8.9	9.3	17.3#
39	11.7	9.4	17.4

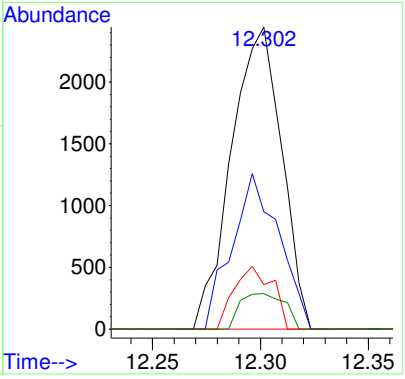


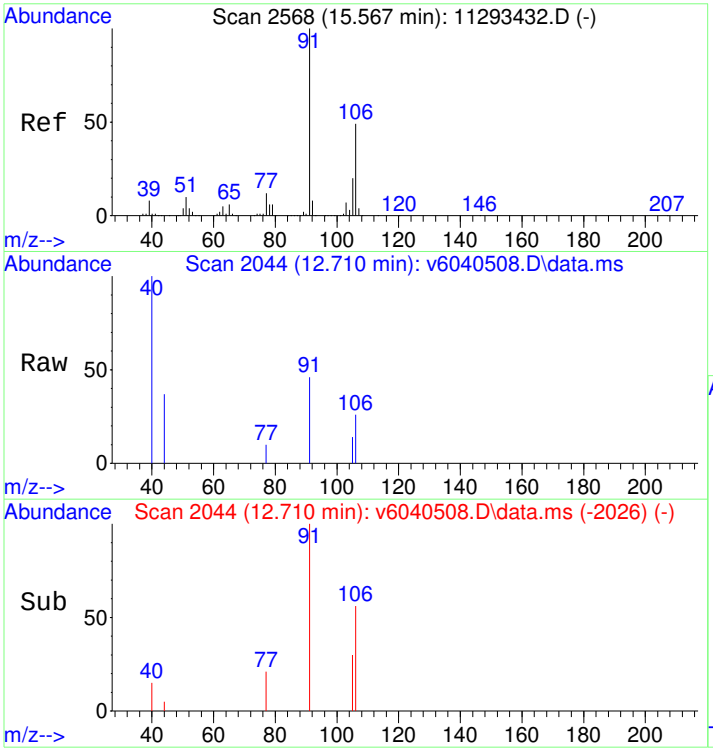


#68
m,p-Xylenes
Concen: 0.35 ug/L
RT: 12.302 min Scan# 1969
Delta R.T. 0.002 min
Lab File: v6040508.D
Acq: 5 Apr 11 2:35 pm

Tgt Ion: 91 Resp: 3970

Ion	Ratio	Lower	Upper
91	100		
106	48.1	34.1	63.3
105	15.8	15.2	28.2
77	10.4	9.1	16.9

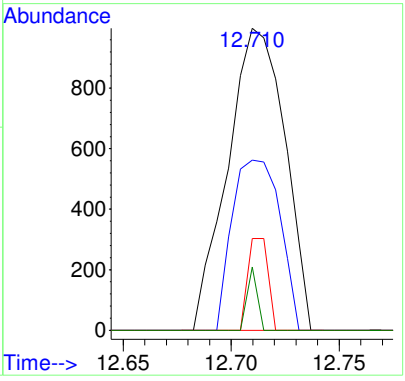


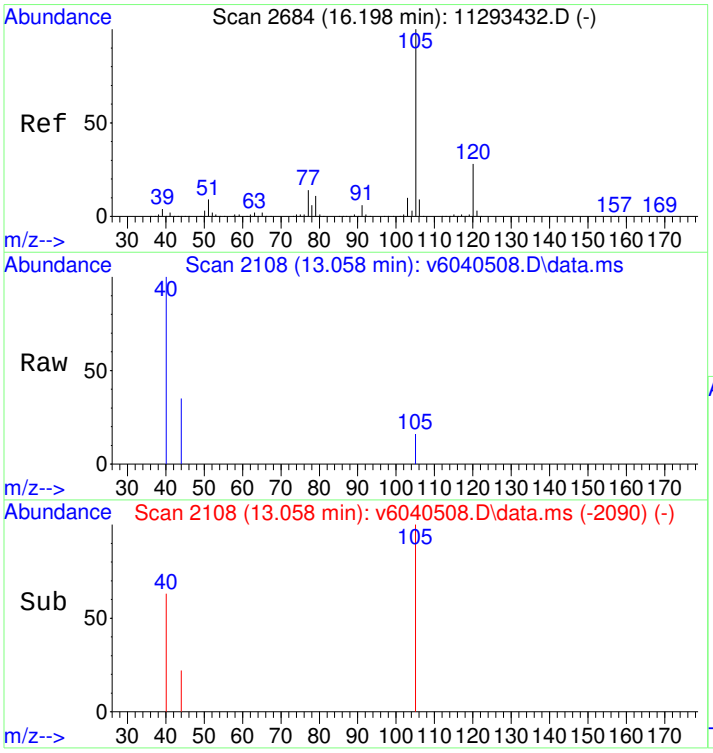


#69
o-Xylene
Concen: 0.15 ug/L
RT: 12.710 min Scan# 2044
Delta R.T. -0.001 min
Lab File: v6040508.D
Acq: 5 Apr 11 2:35 pm

Tgt Ion: 91 Resp: 1838

Ion	Ratio	Lower	Upper
91	100		
106	47.3	32.1	59.5
105	10.8	13.1	24.3#
77	3.7	8.5	15.9#

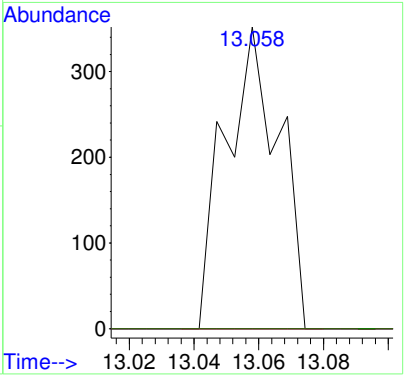


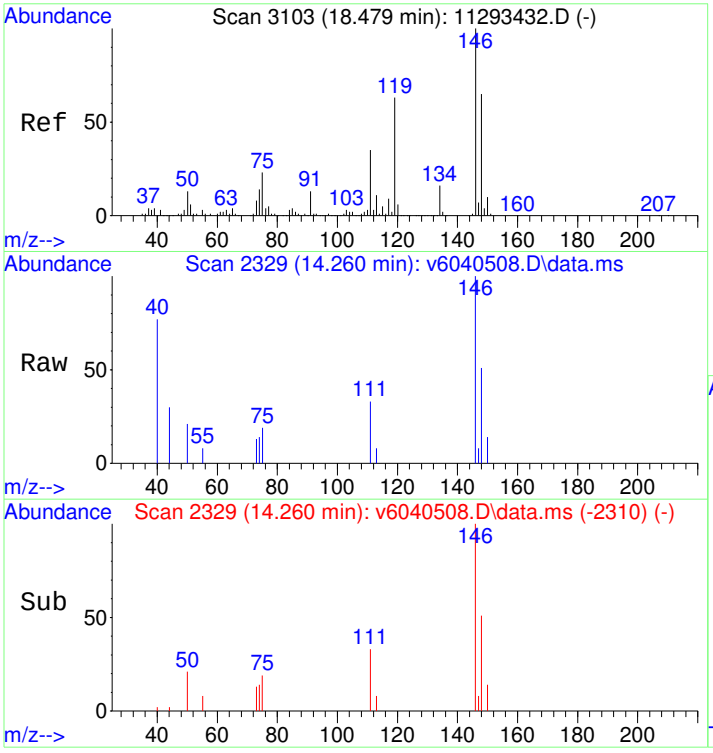


#74
Isopropylbenzene
Concen: 0.03 ug/L
RT: 13.058 min Scan# 2108
Delta R.T. -0.001 min
Lab File: v6040508.D
Acq: 5 Apr 11 2:35 pm

Tgt Ion:105 Resp: 406

Ion	Ratio	Lower	Upper
105	100		
120	0.0	18.2	33.8#
77	0.0	10.9	20.3#
79	0.0	9.2	17.2#

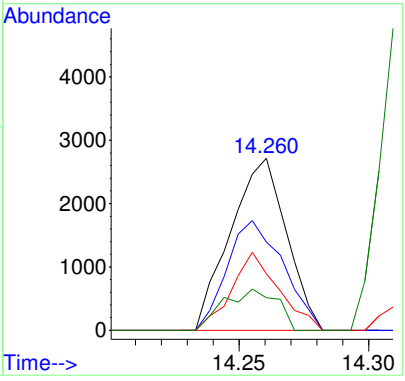


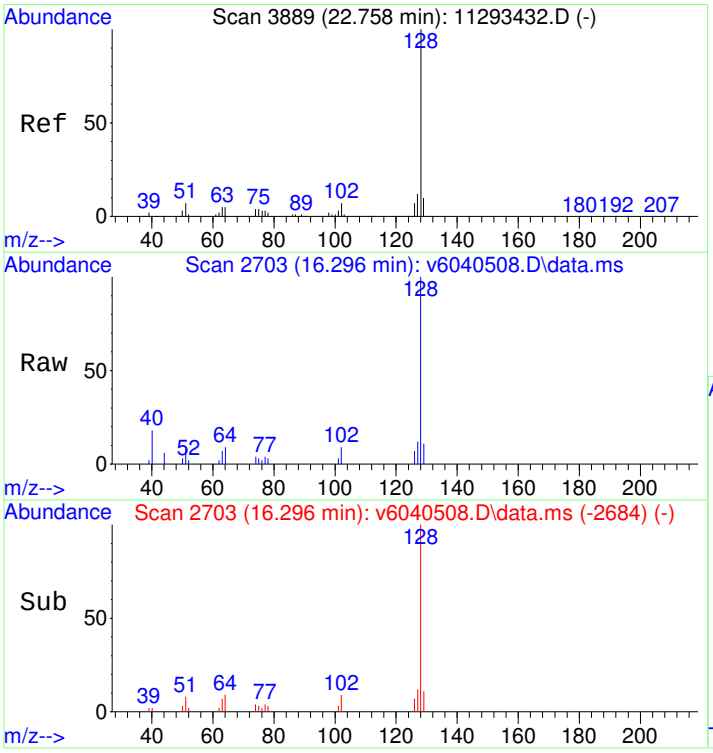


#87
1,3-Dichlorobenzene
Concen: 0.55 ug/L
RT: 14.260 min Scan# 2329
Delta R.T. 0.006 min
Lab File: v6040508.D
Acq: 5 Apr 11 2:35 pm

Tgt Ion:146 Resp: 4072

Ion	Ratio	Lower	Upper
146	100		
148	63.9	43.4	80.6
111	38.2	28.1	52.3
75	22.8	21.5	39.9

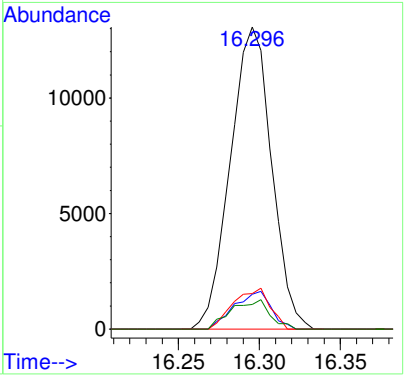




#95
Naphthalene
Concen: 1.98 ug/L
RT: 16.296 min Scan# 2703
Delta R.T. 0.001 min
Lab File: v6040508.D
Acq: 5 Apr 11 2:35 pm

Tgt Ion:128 Resp: 23122

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.2	15.2
127	12.0	8.1	15.1
51	9.0	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-21

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032507.D Vial: 8
Acq On : 25 Mar 2011 2:01 pm Operator: MBH
Sample : 11C1255-21 Inst : MSD4
Misc : Trip Blank
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 25 14:19:18 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

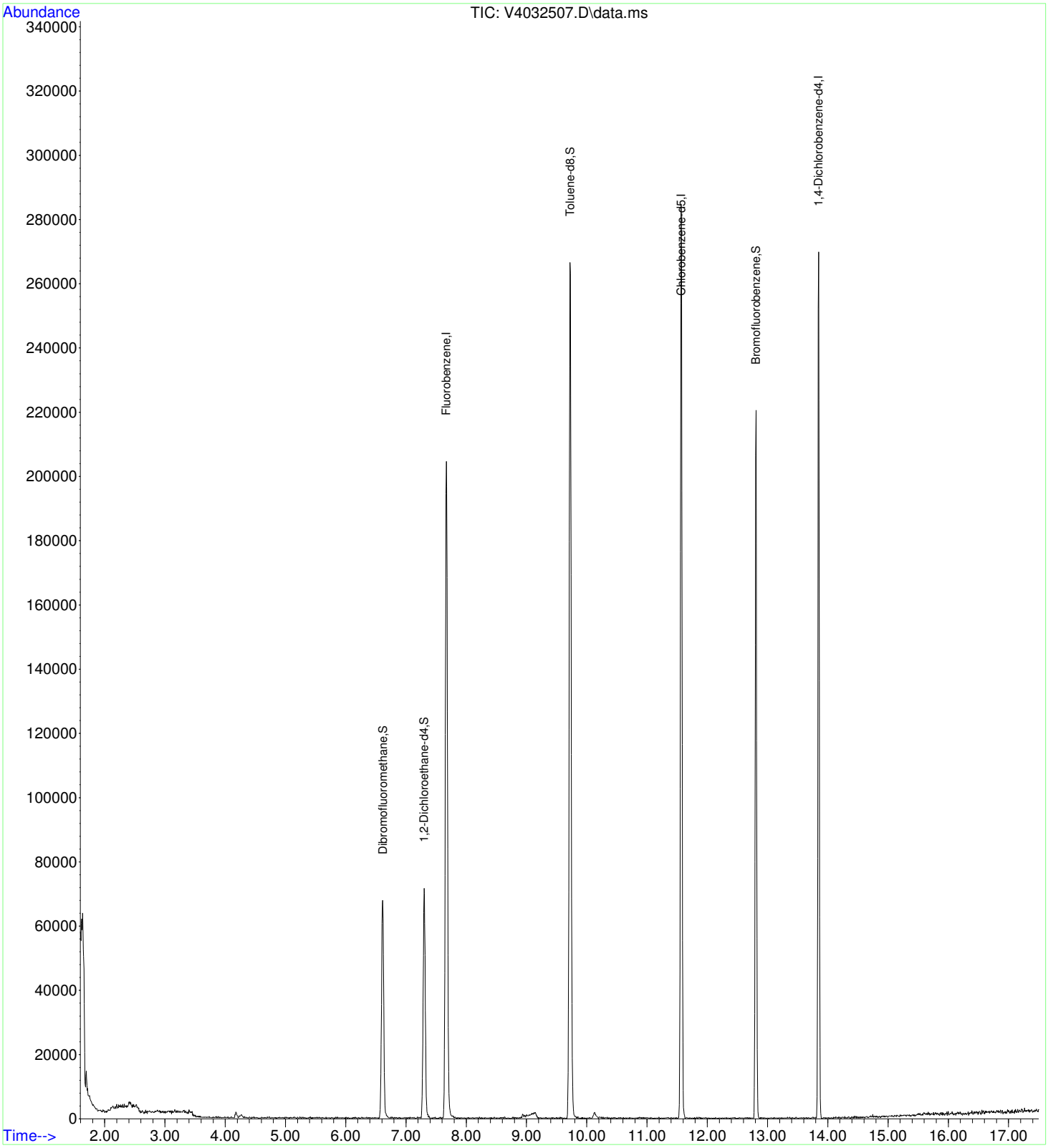
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.670	96	227111	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.568	117	157912	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.848	152	64522	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.614	111	58470	27.03	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 108.12%			
39) 1,2-Dichloroethane-d4	7.300	65	63840	30.68	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 122.72%#			
61) Toluene-d8	9.722	98	217078	25.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.96%			
76) Bromofluorobenzene	12.809	95	75563	30.62	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 122.48%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032507.D Vial: 8
Acq On : 25 Mar 2011 2:01 pm Operator: MBH
Sample : 11C1255-21 Inst : MSD4
Misc : Trip Blank
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 25 14:19:18 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-22

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032508.D Vial: 9
Acq On : 25 Mar 2011 2:32 pm Operator: MBH
Sample : 11C1255-22 Inst : MSD4
Misc : Trip Blank
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 25 14:50:24 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

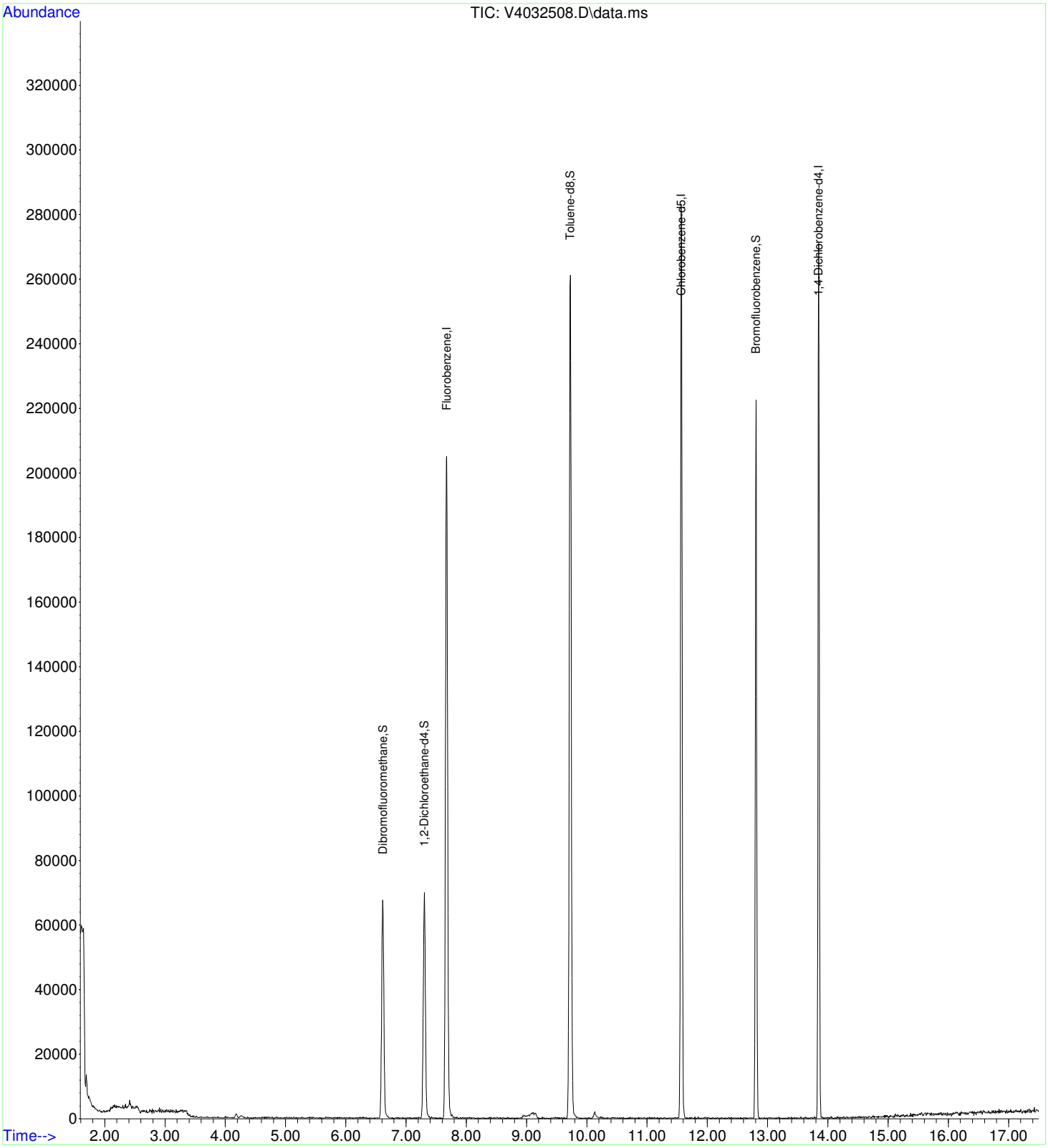
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.674	96	228523	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.566	117	159243	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.847	152	61733	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.613	111	56746	26.08	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 104.32%			
39) 1,2-Dichloroethane-d4	7.304	65	62943	30.06	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 120.24%#			
61) Toluene-d8	9.721	98	215013	25.04	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.16%			
76) Bromofluorobenzene	12.807	95	75492	31.97	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 127.88%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032508.D Vial: 9
Acq On : 25 Mar 2011 2:32 pm Operator: MBH
Sample : 11C1255-22 Inst : MSD4
Misc : Trip Blank
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 25 14:50:24 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-23

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032509.D Vial: 10
Acq On : 25 Mar 2011 3:03 pm Operator: MBH
Sample : 11C1255-23 Inst : MSD4
Misc : Trip Blank
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 25 15:21:26 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

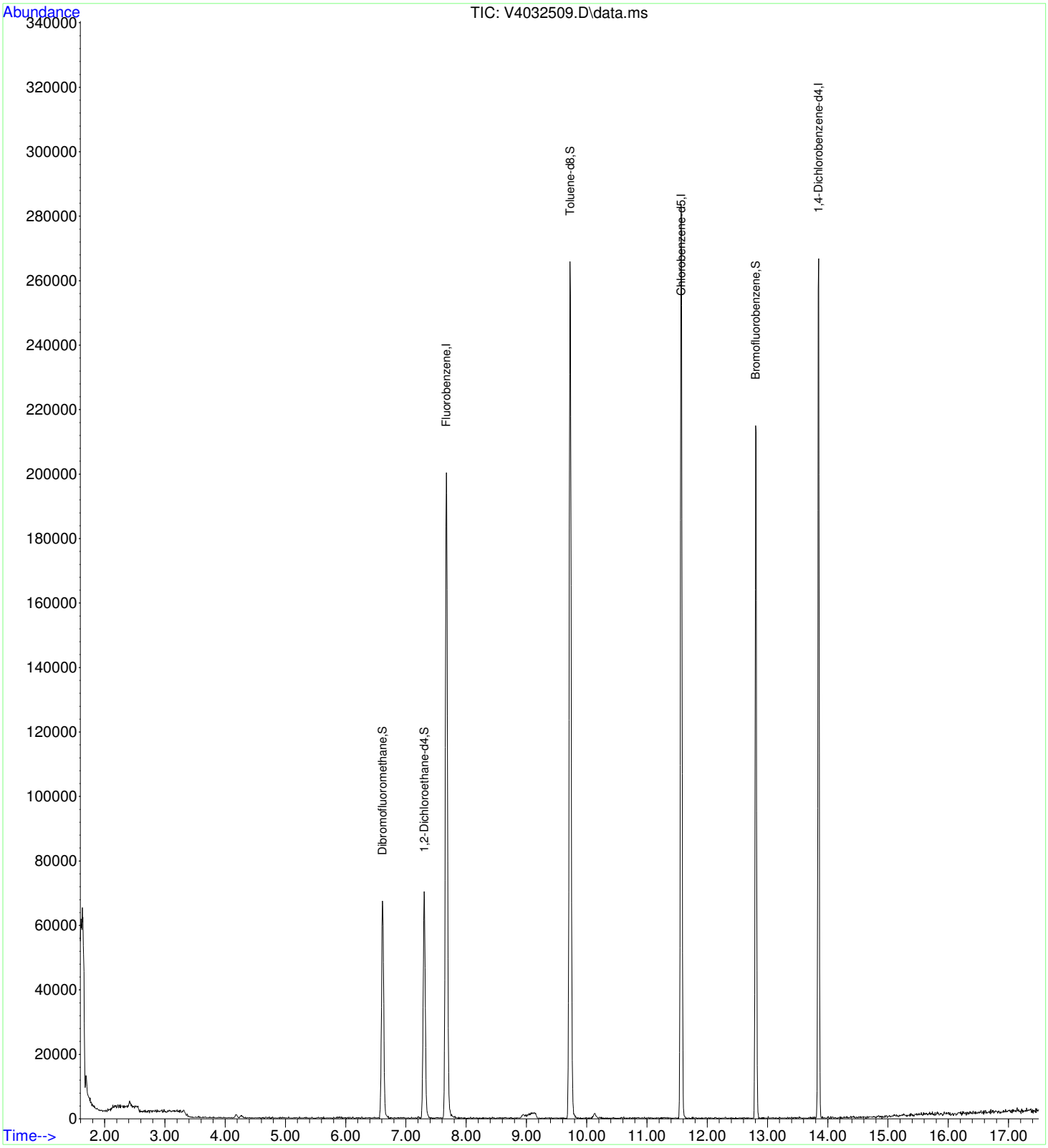
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.671	96	220840	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.569	117	158724	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.849	152	62001	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.609	111	56646	26.93	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 107.72%			
39) 1,2-Dichloroethane-d4	7.306	65	62577	30.92	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 123.68%#			
61) Toluene-d8	9.723	98	213800	24.98	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.92%			
76) Bromofluorobenzene	12.804	95	74991	31.62	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 126.48%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032509.D Vial: 10
Acq On : 25 Mar 2011 3:03 pm Operator: MBH
Sample : 11C1255-23 Inst : MSD4
Misc : Trip Blank
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 25 15:21:26 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-31

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\24\V4032415.D Vial: 15
Acq On : 24 Mar 2011 5:19 pm Operator: MBH
Sample : 11C1255-31 Inst : MSD4
Misc : GL-12D
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 24 17:36:57 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

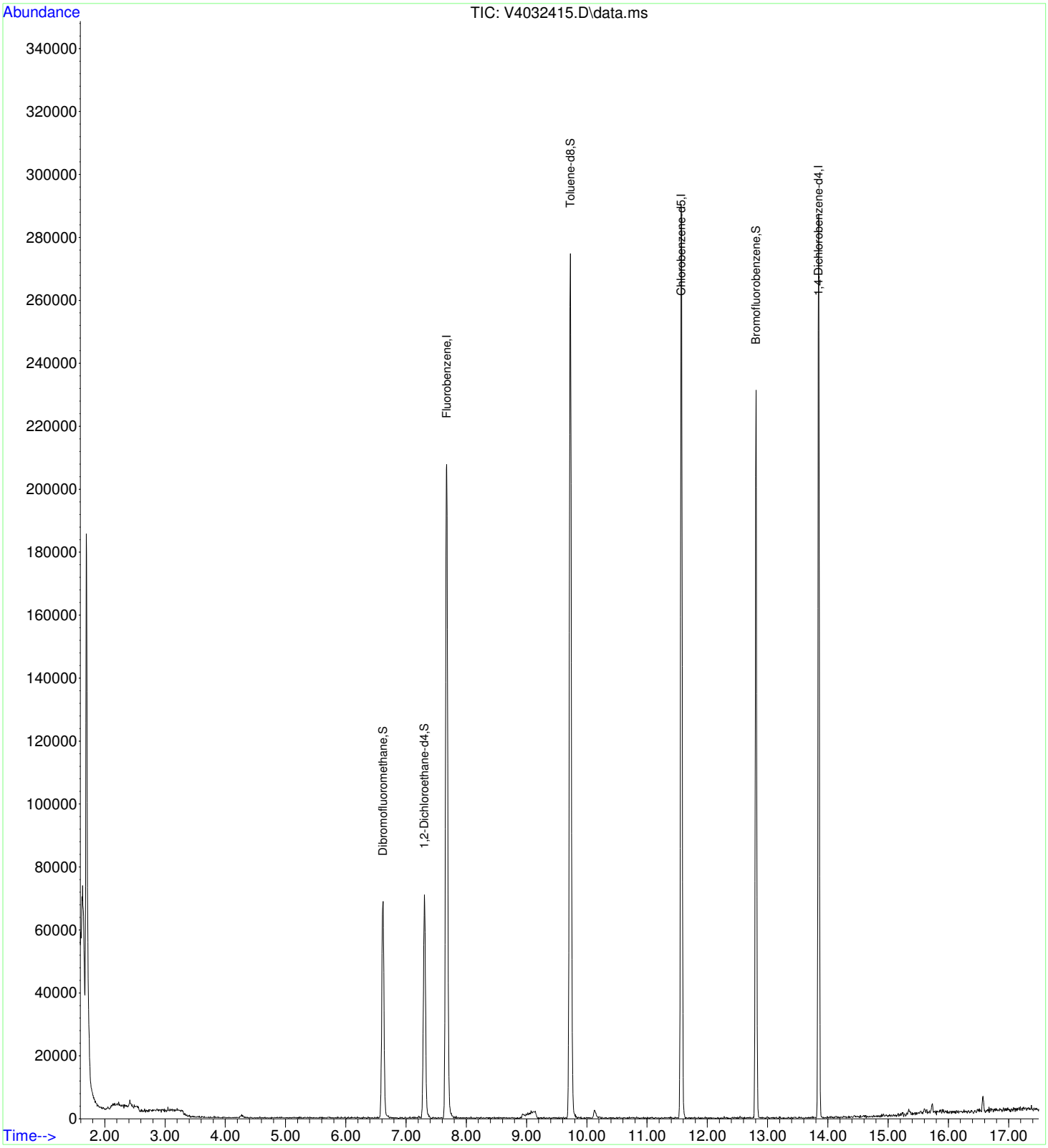
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.674	96	231582	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.566	117	165477	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.847	152	66329	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.618	111	58669	26.60	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 106.40%			
39) 1,2-Dichloroethane-d4	7.304	65	64545	30.42	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 121.68%#			
61) Toluene-d8	9.726	98	223340	25.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.12%			
76) Bromofluorobenzene	12.807	95	79502	31.34	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 125.36%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\24\V4032415.D Vial: 15
Acq On : 24 Mar 2011 5:19 pm Operator: MBH
Sample : 11C1255-31 Inst : MSD4
Misc : GL-12D
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 24 17:36:57 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-32

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\24\V4032416.D Vial: 16
Acq On : 24 Mar 2011 5:50 pm Operator: MBH
Sample : 11C1255-32 Inst : MSD4
Misc : GL-12S
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 24 18:08:11 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

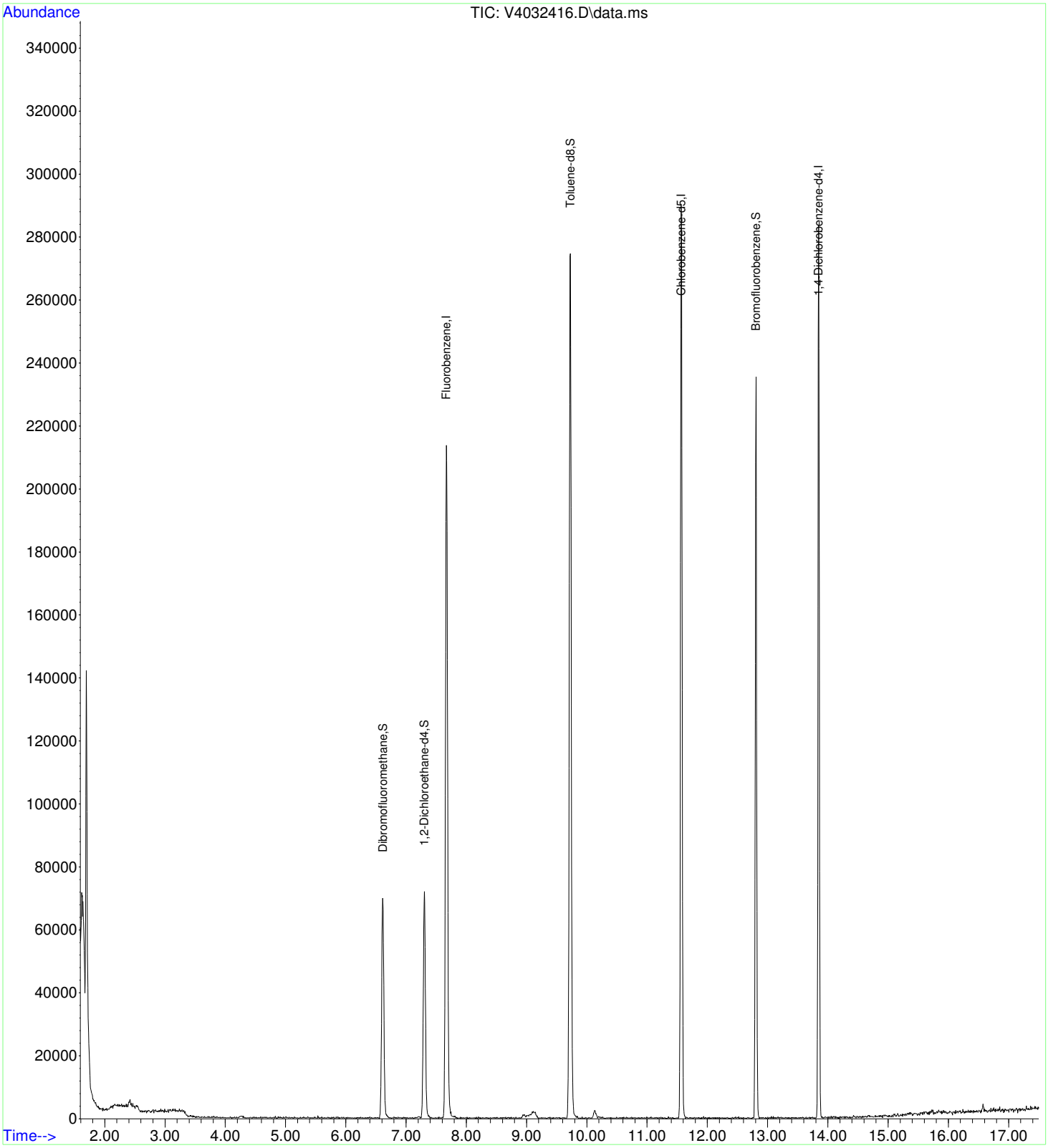
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.669	96	233584	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.566	117	167155	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.847	152	67830	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.613	111	59004	26.53	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 106.12%			
39) 1,2-Dichloroethane-d4	7.304	65	64972	30.36	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 121.44%#			
61) Toluene-d8	9.726	98	225316	25.00	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.00%			
76) Bromofluorobenzene	12.807	95	79853	30.78	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 123.12%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\24\V4032416.D Vial: 16
Acq On : 24 Mar 2011 5:50 pm Operator: MBH
Sample : 11C1255-32 Inst : MSD4
Misc : GL-12S
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 24 18:08:11 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-33RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032510.D Vial: 11
Acq On : 25 Mar 2011 3:34 pm Operator: MBH
Sample : 11C1255-33RE1 Inst : MSD4
Misc : GL-10S
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 25 15:52:33 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

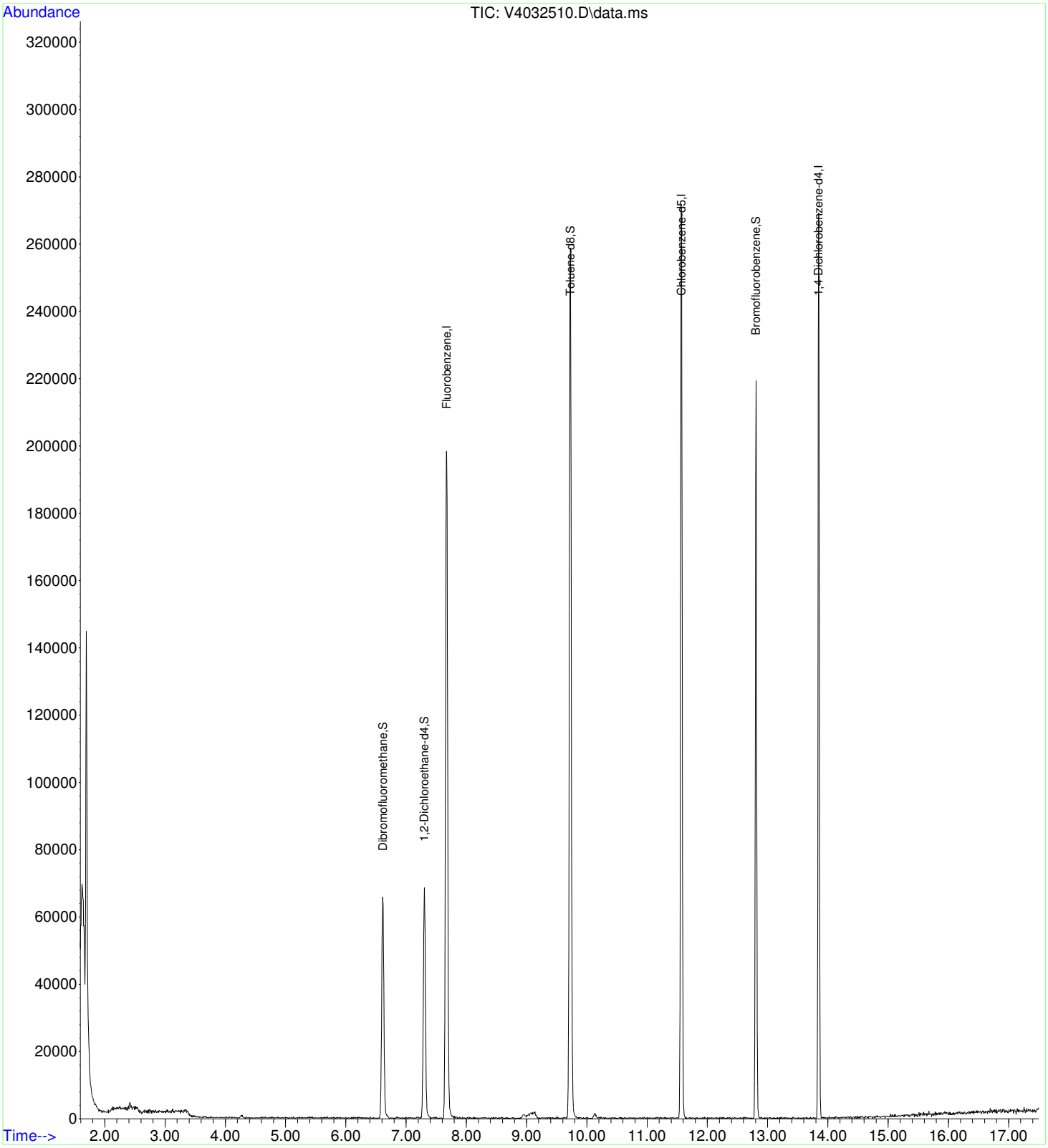
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.674	96	220792	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.571	117	154289	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.847	152	60378	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.612	111	55954	26.61	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 106.44%			
39) 1,2-Dichloroethane-d4	7.304	65	61972	30.63	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 122.52%#			
61) Toluene-d8	9.726	98	210114	25.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.00%			
76) Bromofluorobenzene	12.807	95	74240	32.15	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 128.60%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032510.D Vial: 11
Acq On : 25 Mar 2011 3:34 pm Operator: MBH
Sample : 11C1255-33RE1 Inst : MSD4
Misc : GL-10S
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 25 15:52:33 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-34

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032511.D Vial: 12
Acq On : 25 Mar 2011 4:06 pm Operator: MBH
Sample : 11C1255-34 Inst : MSD4
Misc : GL-10D
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 25 16:23:36 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

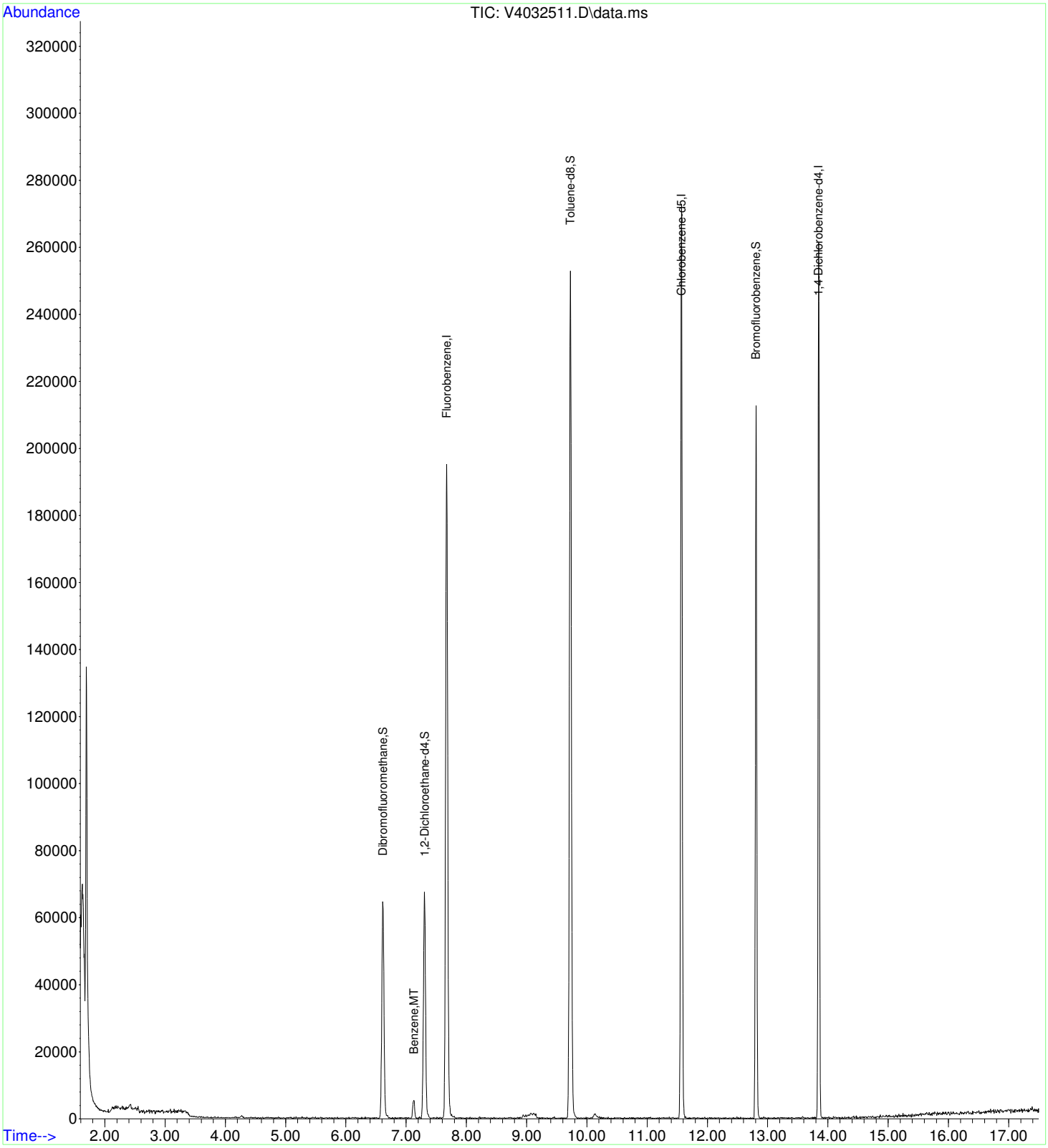
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.673	96	213513	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.571	117	152156	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.846	152	61712	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.612	111	53071	26.10	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 104.40%			
39) 1,2-Dichloroethane-d4	7.309	65	59409	30.37	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 121.48%#			
61) Toluene-d8	9.725	98	204259	24.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.56%			
76) Bromofluorobenzene	12.806	95	71823	30.43	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 121.72%			
Target Compounds						Qvalue
42) Benzene	7.129	78	6025	0.81	ug/L	91

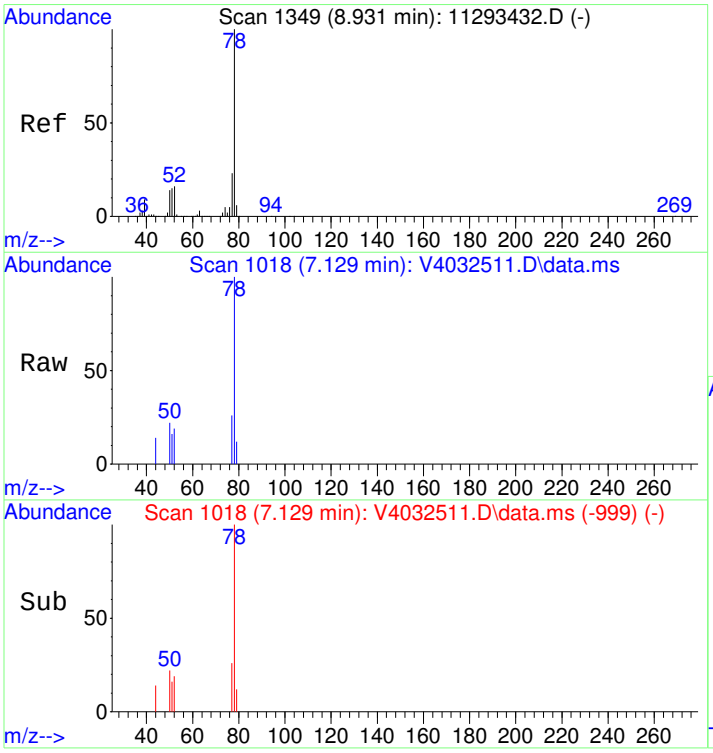
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032511.D Vial: 12
Acq On : 25 Mar 2011 4:06 pm Operator: MBH
Sample : 11C1255-34 Inst : MSD4
Misc : GL-10D
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 25 16:23:36 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

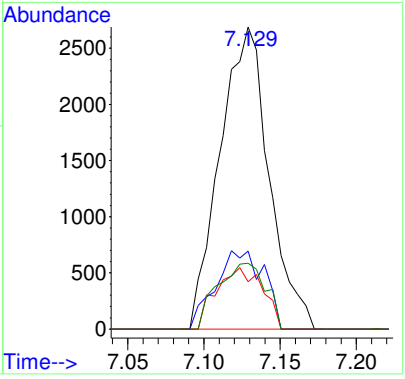




#42
Benzene
Concen: 0.81 ug/L
RT: 7.129 min Scan# 1018
Delta R.T. 0.003 min
Lab File: V4032511.D
Acq: 25 Mar 11 4:06 pm

Tgt Ion: 78 Resp: 6025

Ion	Ratio	Lower	Upper
78	100		
77	25.5	16.0	29.6
51	19.1	19.0	35.4
50	21.3	16.7	30.9



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-35

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032512.D Vial: 13
Acq On : 25 Mar 2011 4:36 pm Operator: MBH
Sample : 11C1255-35 Inst : MSD4
Misc : GL-14D
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 25 16:54:00 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

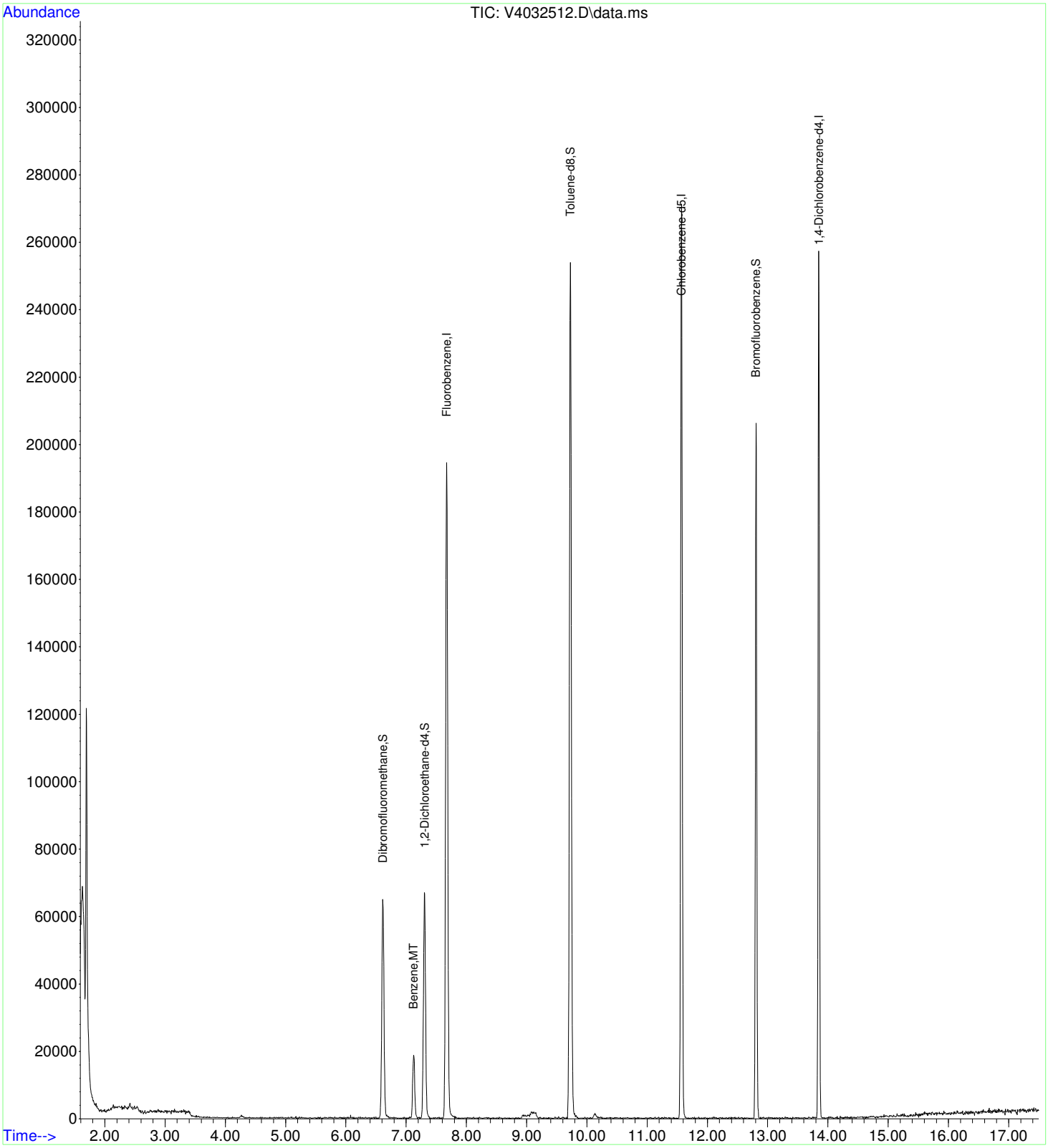
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.673	96	213168	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.571	117	154156	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.852	152	59688	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.617	111	54401	26.80	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 107.20%			
39) 1,2-Dichloroethane-d4	7.309	65	60249	30.85	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 123.40%#			
61) Toluene-d8	9.725	98	205561	24.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.92%			
76) Bromofluorobenzene	12.806	95	71257	31.21	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 124.84%			
Target Compounds						Qvalue
42) Benzene	7.123	78	19777	2.66	ug/L	94

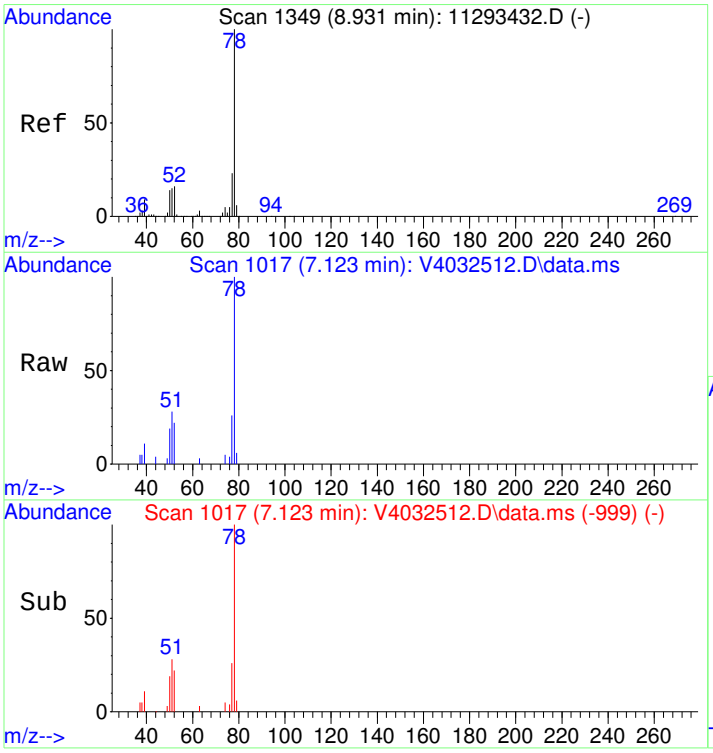
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032512.D Vial: 13
Acq On : 25 Mar 2011 4:36 pm Operator: MBH
Sample : 11C1255-35 Inst : MSD4
Misc : GL-14D
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 25 16:54:00 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

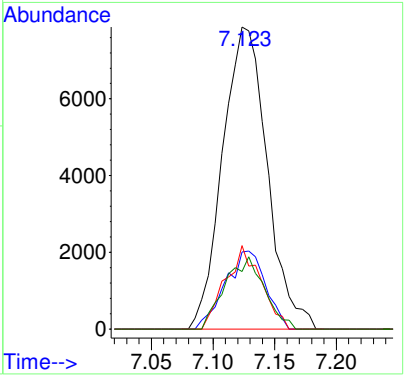




#42
Benzene
Concen: 2.66 ug/L
RT: 7.123 min Scan# 1017
Delta R.T. -0.003 min
Lab File: V4032512.D
Acq: 25 Mar 11 4:36 pm

Tgt Ion: 78 Resp: 19777

Ion	Ratio	Lower	Upper
78	100		
77	23.4	16.0	29.6
51	21.9	19.0	35.4
50	21.2	16.7	30.9



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-36

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032513.D Vial: 14
Acq On : 25 Mar 2011 5:07 pm Operator: MBH
Sample : 11C1255-36 Inst : MSD4
Misc : GL-14S
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 25 17:24:52 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

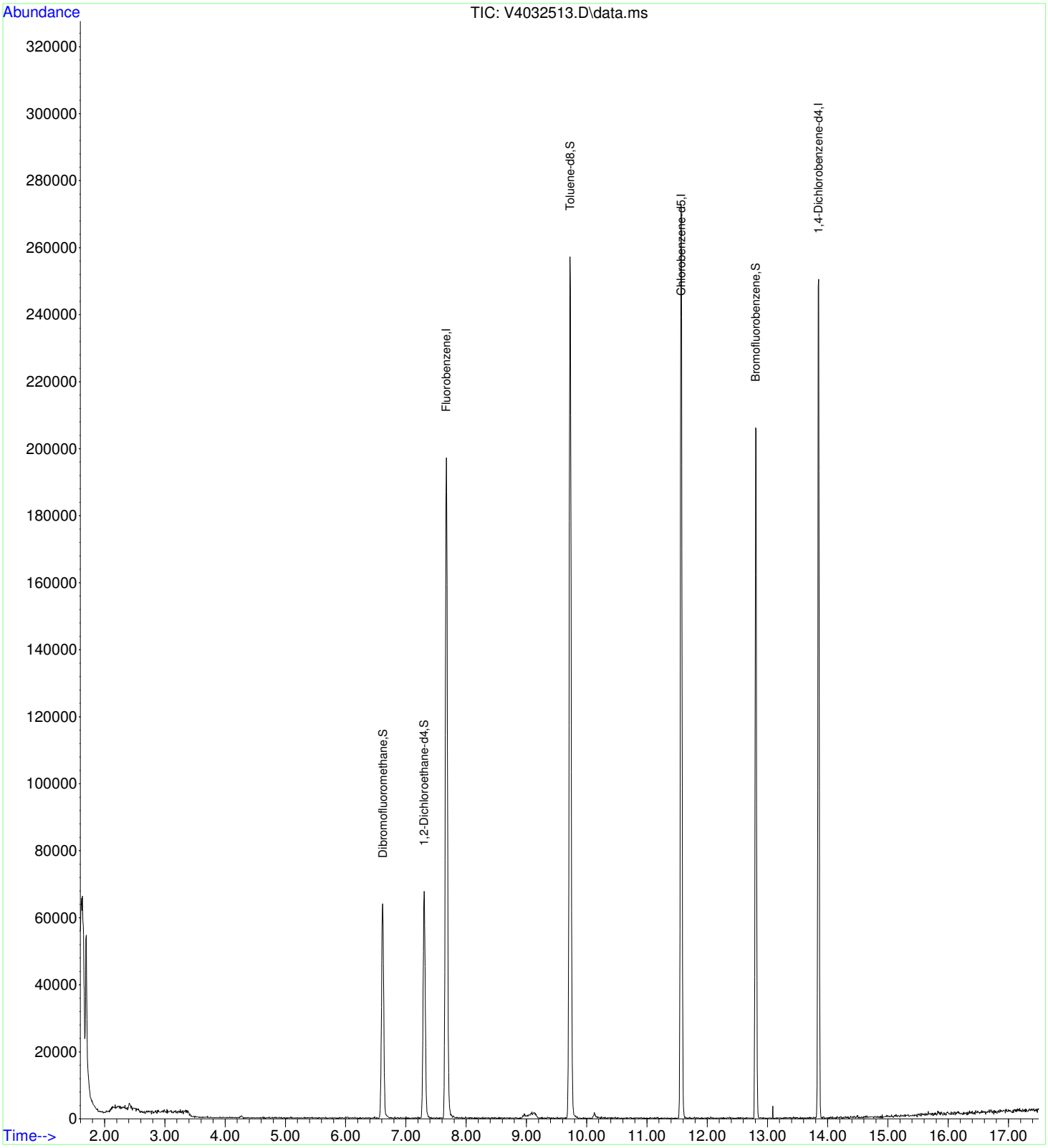
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.671	96	217137	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.569	117	153849	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.850	152	60151	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.615	111	53901	26.07	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 104.28%			
39) 1,2-Dichloroethane-d4	7.301	65	62113	31.22	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 124.88%#			
61) Toluene-d8	9.724	98	206615	24.90	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.60%			
76) Bromofluorobenzene	12.805	95	72714	31.60	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 126.40%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\25\V4032513.D Vial: 14
Acq On : 25 Mar 2011 5:07 pm Operator: MBH
Sample : 11C1255-36 Inst : MSD4
Misc : GL-14S
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 25 17:24:52 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-37

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\28\v4032805.D Vial: 5
Acq On : 28 Mar 2011 10:53 am Operator: mbh
Sample : 11C1255-37 Inst : MSD4
Misc : GL-13 (+1)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 28 11:11:17 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

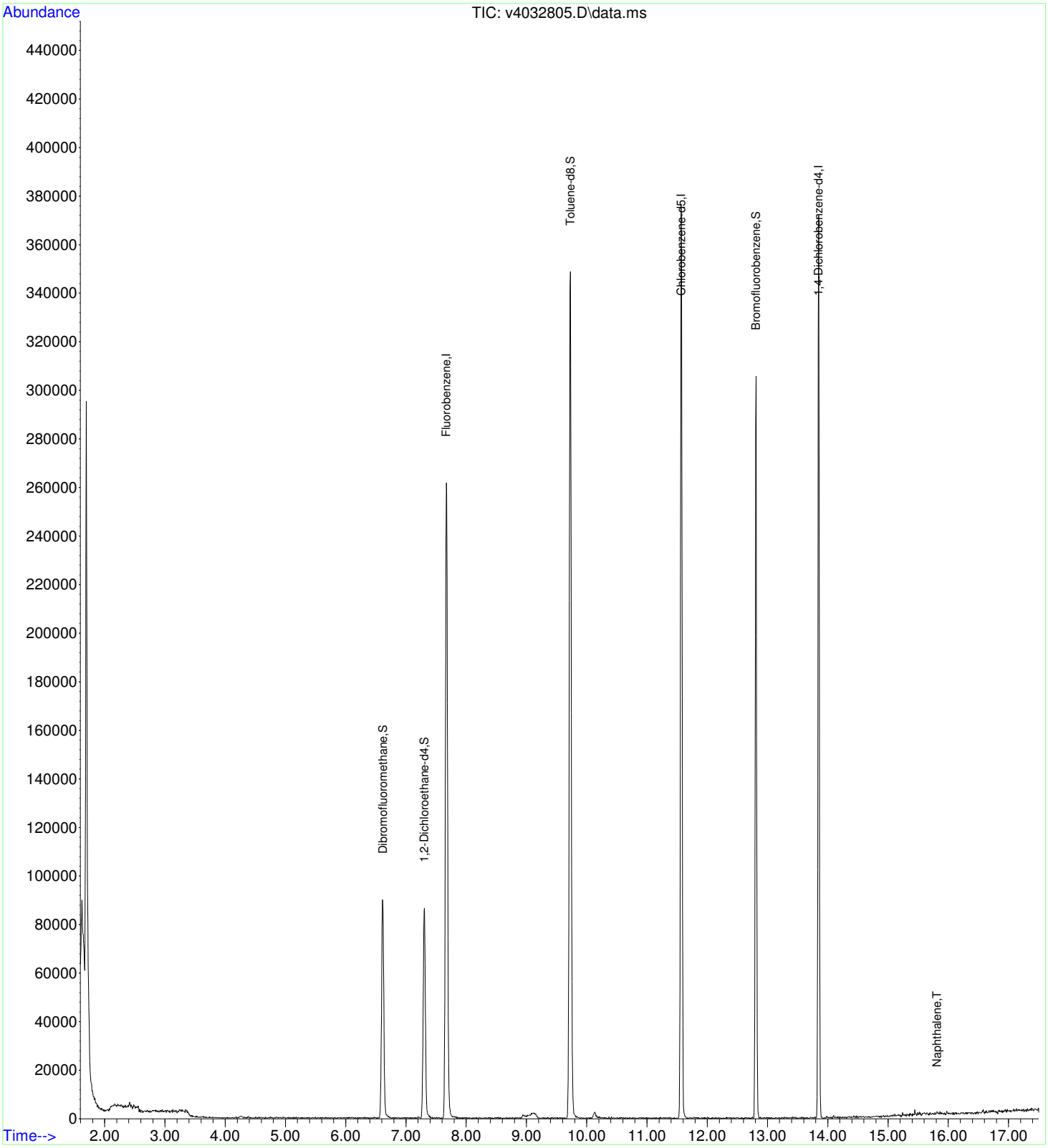
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.671	96	294987	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.568	117	220426	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.849	152	90233	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.615	111	77001	27.41	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 109.64%			
39) 1,2-Dichloroethane-d4	7.306	65	81397	30.11	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 120.44%#			
61) Toluene-d8	9.728	98	290604	24.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.80%			
76) Bromofluorobenzene	12.809	95	102294	29.64	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 118.56%			
Target Compounds						Qvalue
95) Naphthalene	15.809	128	871	0.33	ug/L #	68

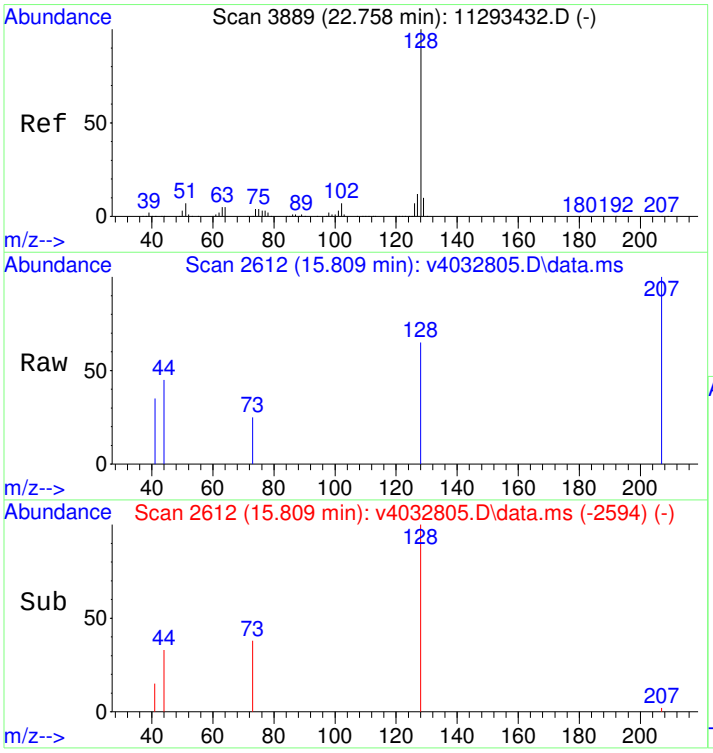
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\28\v4032805.D Vial: 5
Acq On : 28 Mar 2011 10:53 am Operator: mbh
Sample : 11C1255-37 Inst : MSD4
Misc : GL-13 (+1)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 28 11:11:17 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

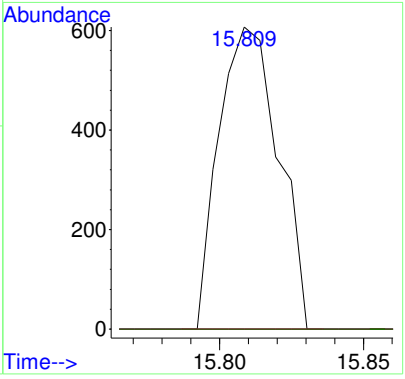




#95
Naphthalene
Concen: 0.33 ug/L
RT: 15.809 min Scan# 2612
Delta R.T. -0.002 min
Lab File: v4032805.D
Acq: 28 Mar 11 10:53 am

Tgt Ion:128 Resp: 871

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.2	15.2#
127	0.0	8.1	15.1#
51	0.0	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-38

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\28\v4032806.D Vial: 6
Acq On : 28 Mar 2011 11:23 am Operator: mbh
Sample : 11C1255-38 Inst : MSD4
Misc : GL-13 (-26)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 28 11:40:38 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

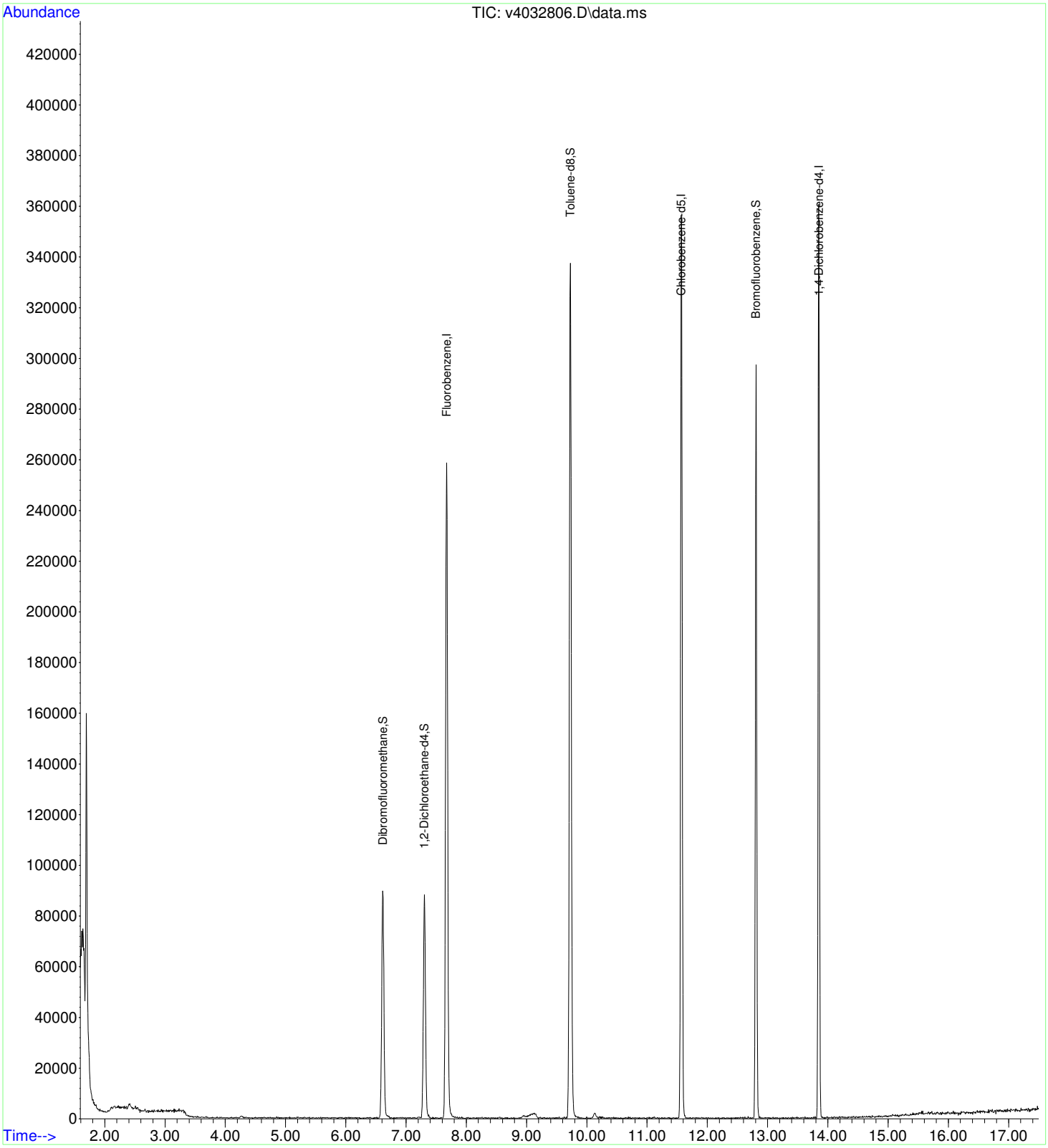
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.674	96	288681	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.566	117	213166	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.853	152	89209	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.613	111	75368	27.42	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 109.68%			
39) 1,2-Dichloroethane-d4	7.304	65	80779	30.54	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 122.16%#			
61) Toluene-d8	9.726	98	282110	24.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.16%			
76) Bromofluorobenzene	12.807	95	99566	29.18	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 116.72%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\28\v4032806.D Vial: 6
Acq On : 28 Mar 2011 11:23 am Operator: mbh
Sample : 11C1255-38 Inst : MSD4
Misc : GL-13 (-26)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 28 11:40:38 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-39

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\28\v4032807.D Vial: 7
Acq On : 28 Mar 2011 11:54 am Operator: mbh
Sample : 11C1255-39 Inst : MSD4
Misc : GL-11 (-1)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 28 12:11:43 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

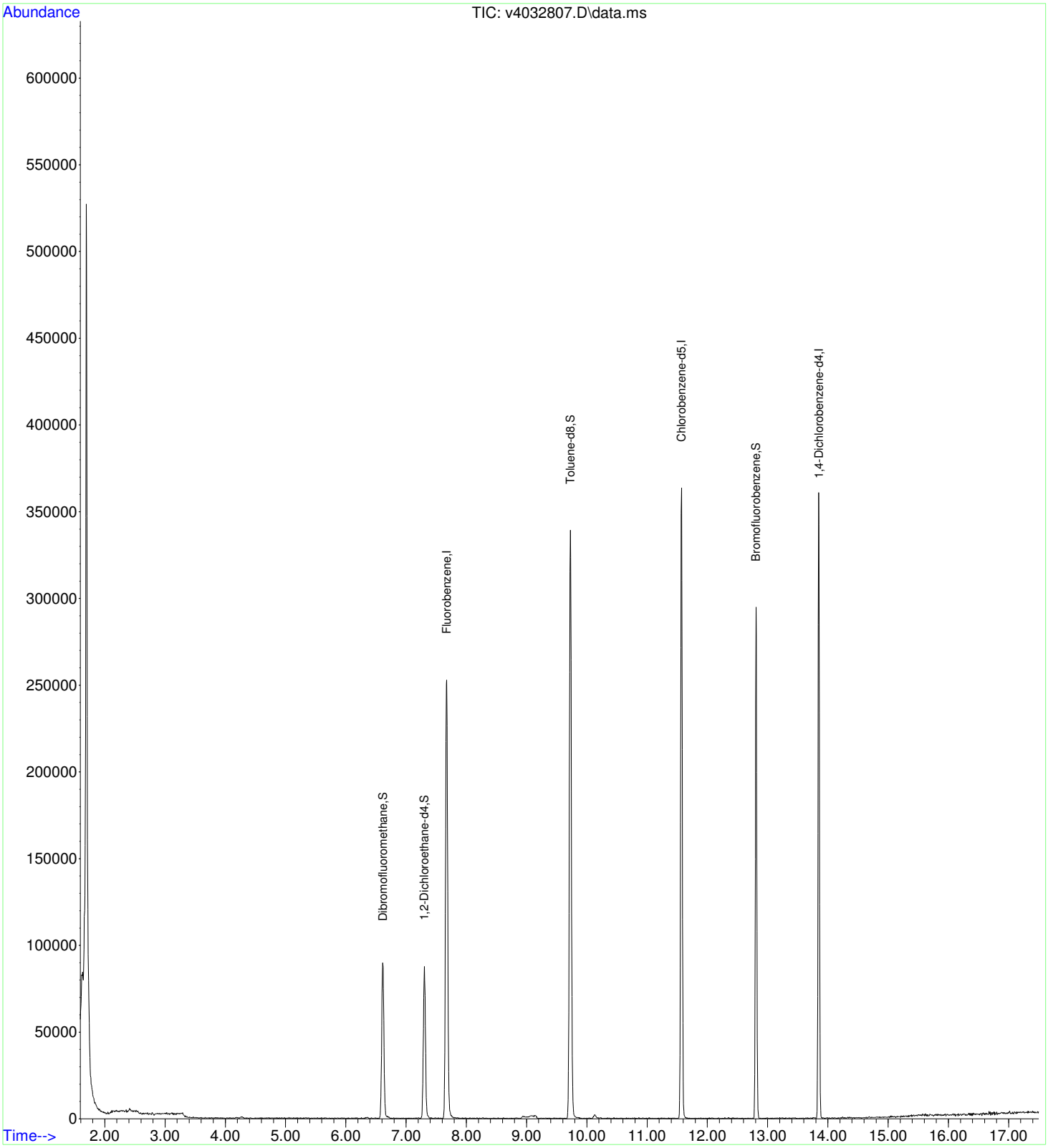
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.674	96	286674	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.571	117	214578	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.852	152	88582	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.618	111	75038	27.49	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 109.96%			
39) 1,2-Dichloroethane-d4	7.304	65	80020	30.46	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 121.84%#			
61) Toluene-d8	9.726	98	285041	24.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.52%			
76) Bromofluorobenzene	12.807	95	100080	29.54	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 118.16%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\28\v4032807.D Vial: 7
Acq On : 28 Mar 2011 11:54 am Operator: mbh
Sample : 11C1255-39 Inst : MSD4
Misc : GL-11 (-1)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 28 12:11:43 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-40

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\28\v4032808.D Vial: 8
Acq On : 28 Mar 2011 12:25 pm Operator: mbh
Sample : 11C1255-40 Inst : MSD4
Misc : GL-08 (-36)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 28 12:42:44 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

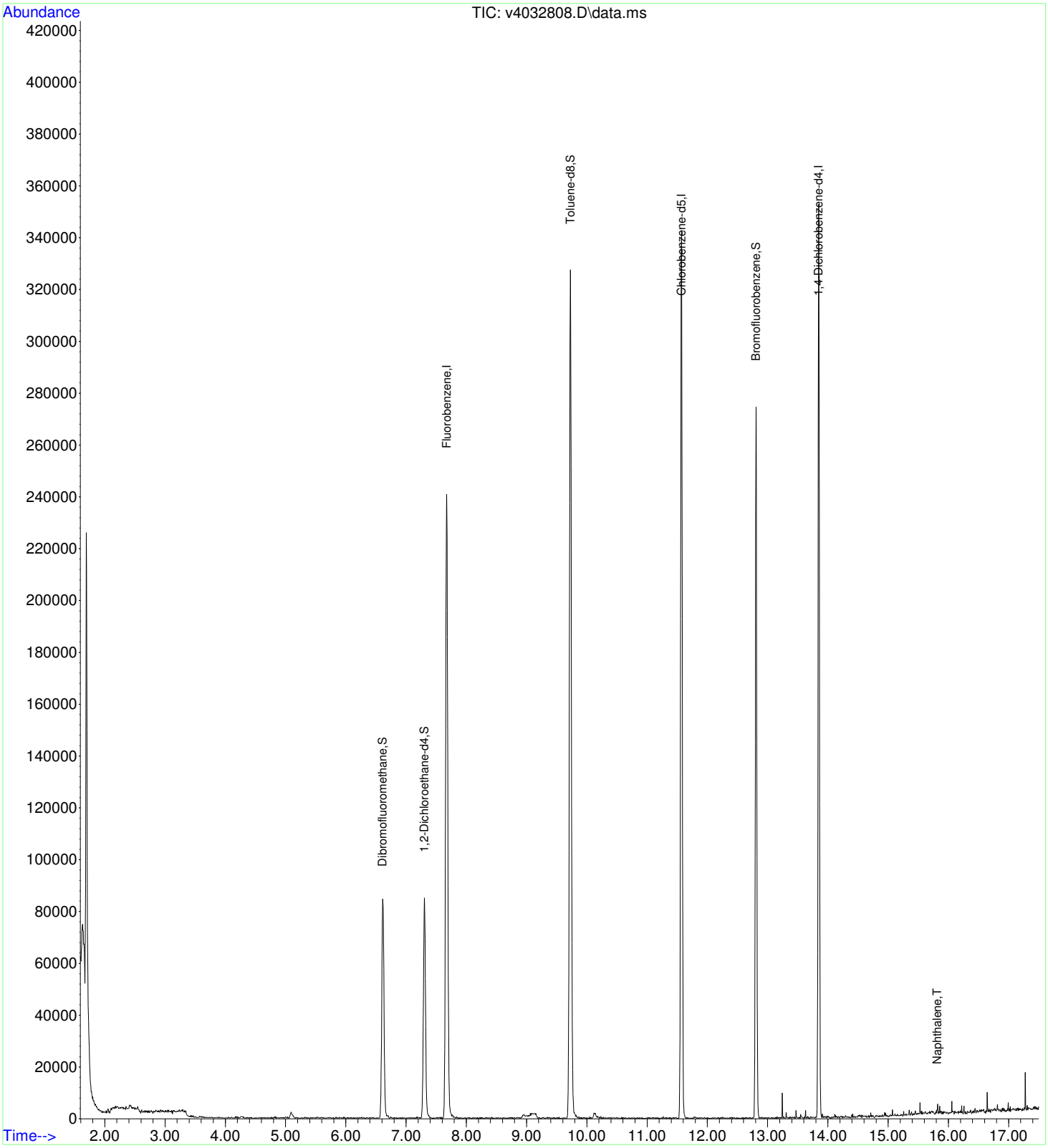
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	7.674	96	270469	25.00	ug/L	0.00
60) Chlorobenzene-d5	11.571	117	203255	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	13.847	152	84496	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	6.607	111	70213	27.26	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 109.04%			
39) 1,2-Dichloroethane-d4	7.304	65	77336	31.21	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 124.84%#			
61) Toluene-d8	9.726	98	267423	24.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.60%			
76) Bromofluorobenzene	12.807	95	95429	29.53	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 118.12%			
Target Compounds						Qvalue
95) Naphthalene	15.812	128	886	0.36	ug/L #	68

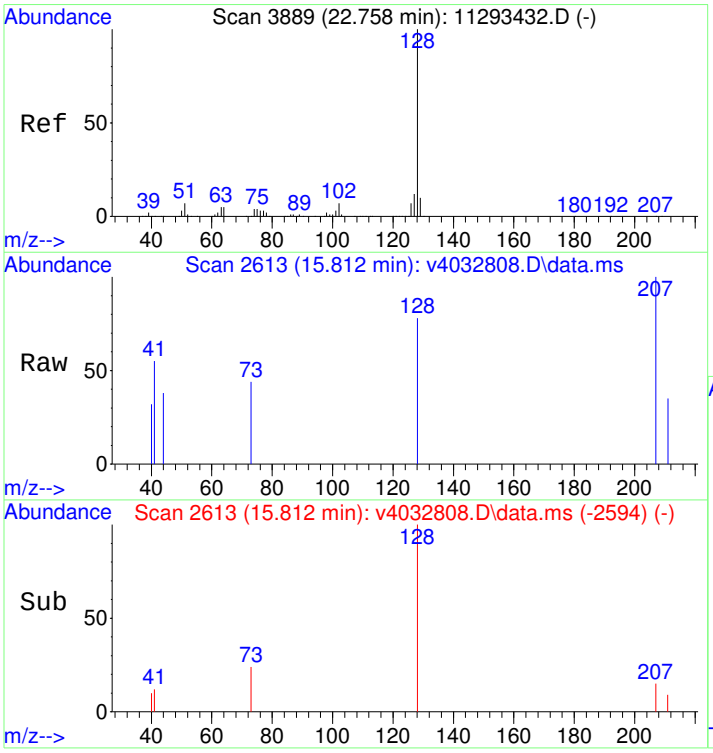
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD4\2011\03\28\v4032808.D Vial: 8
Acq On : 28 Mar 2011 12:25 pm Operator: mbh
Sample : 11C1255-40 Inst : MSD4
Misc : GL-08 (-36)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 28 12:42:44 2011
Quant Method : C:\MSD4\METHODS\MC10011.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Thu Mar 17 09:31:49 2011
Response via : Initial Calibration

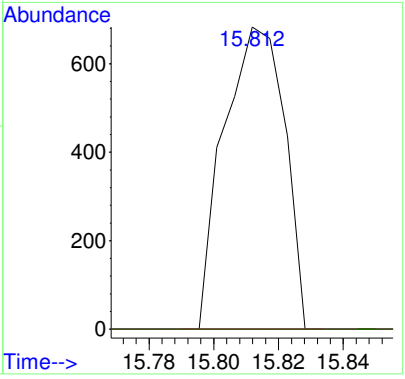




#95
Naphthalene
Concen: 0.36 ug/L
RT: 15.812 min Scan# 2613
Delta R.T. 0.001 min
Lab File: v4032808.D
Acq: 28 Mar 11 12:25 pm

Tgt Ion:128 Resp: 886

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.2	15.2#
127	0.0	8.1	15.1#
51	0.0	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-41RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\04\v6040420.D Vial: 20
Acq On : 4 Apr 2011 7:17 pm Operator: mbh
Sample : 11C1255-41RE1 Inst : MSD6
Misc : 50, GL-08 (-3)
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 05 08:52:42 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Fri Apr 01 16:00:33 2011
Response via : Initial Calibration

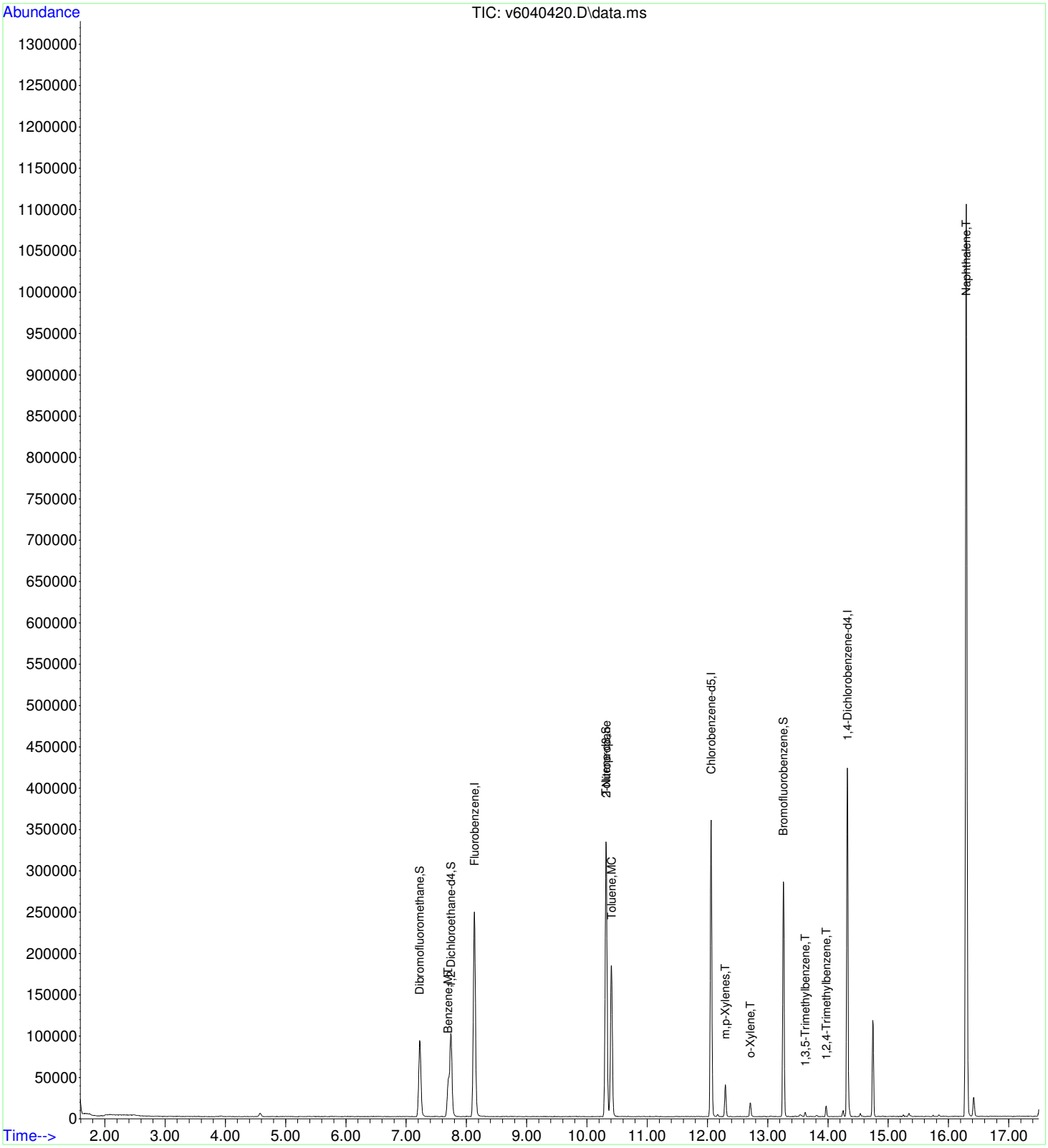
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	8.133	96	300332	25.00	ug/L		0.00
60) Chlorobenzene-d5	12.062	117	228856	25.00	ug/L		0.00
73) 1,4-Dichlorobenzene-d4	14.325	152	112798	25.00	ug/L		0.00
System Monitoring Compounds							
36) Dibromofluoromethane	7.224	111	79811	25.45	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.80%				
39) 1,2-Dichloroethane-d4	7.741	65	86603	25.60	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 102.40%				
61) Toluene-d8	10.315	98	279776	24.84	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.36%				
76) Bromofluorobenzene	13.259	95	99005	25.25	ug/L		0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 101.00%				
Target Compounds							Qvalue
42) Benzene	7.698	78	49783	3.72	ug/L	#	77
50) 2-Nitropropane	10.321	43	1179	0.06	ug/L	#	48
54) Toluene	10.408	91	167193	12.04	ug/L		97
68) m,p-Xylenes	12.296	91	23771	2.11	ug/L		98
69) o-Xylene	12.715	91	10772	0.93	ug/L		96
81) 1,3,5-Trimethylbenzene	13.623	105	3821	0.35	ug/L	#	89
84) 1,2,4-Trimethylbenzene	13.972	105	7841	0.71	ug/L		95
95) Naphthalene	16.295	128	957975	85.13	ug/L	#	94

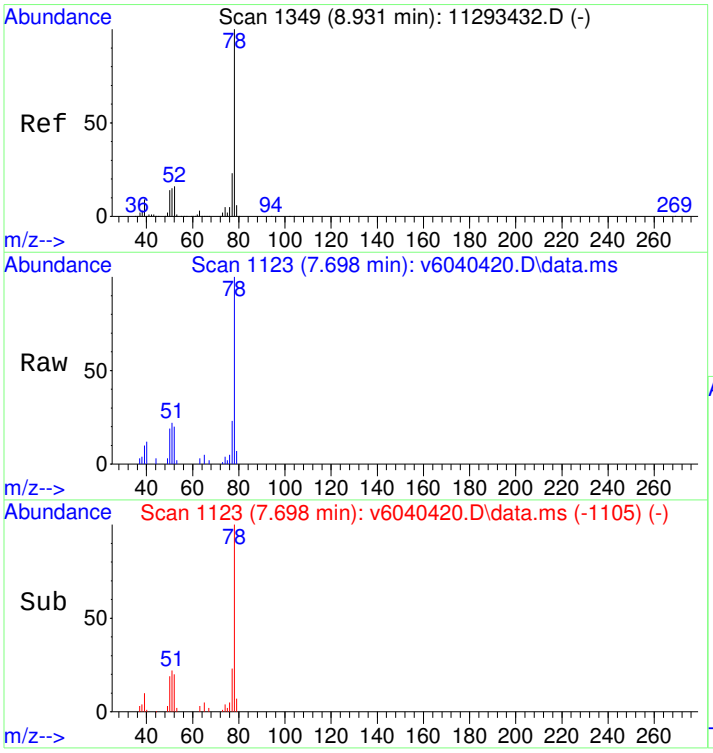
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\04\v6040420.D Vial: 20
Acq On : 4 Apr 2011 7:17 pm Operator: mbh
Sample : 11C1255-41RE1 Inst : MSD6
Misc : 50, GL-08 (-3)
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 05 08:52:42 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Fri Apr 01 16:00:33 2011
Response via : Initial Calibration

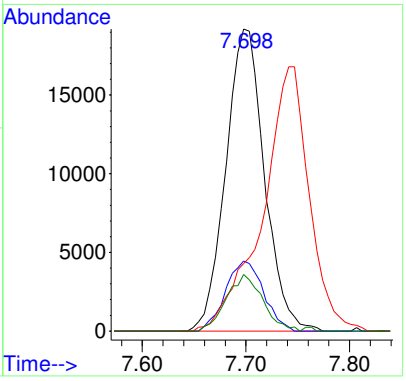


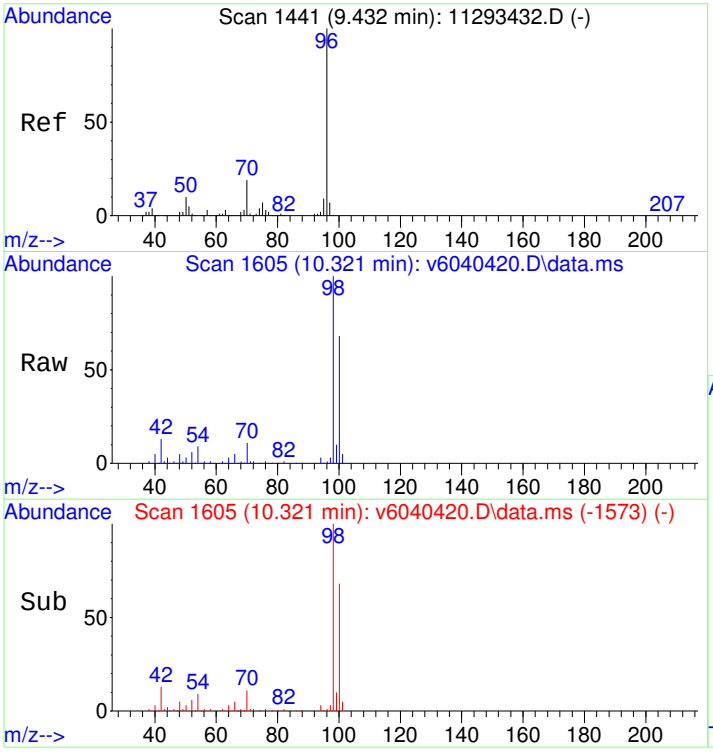


#42
Benzene
Concen: 3.72 ug/L
RT: 7.698 min Scan# 1123
Delta R.T. 0.001 min
Lab File: v6040420.D
Acq: 4 Apr 11 7:17 pm

Tgt Ion: 78 Resp: 49783

Ion	Ratio	Lower	Upper
78	100		
77	22.7	16.0	29.6
51	0.0	19.0	35.4#
50	17.5	16.7	30.9

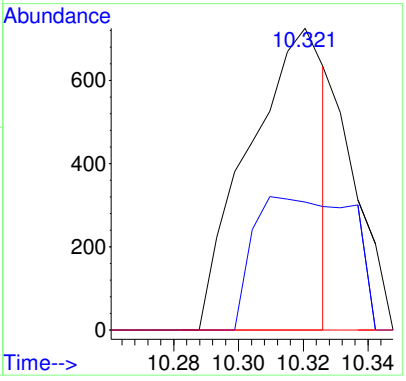


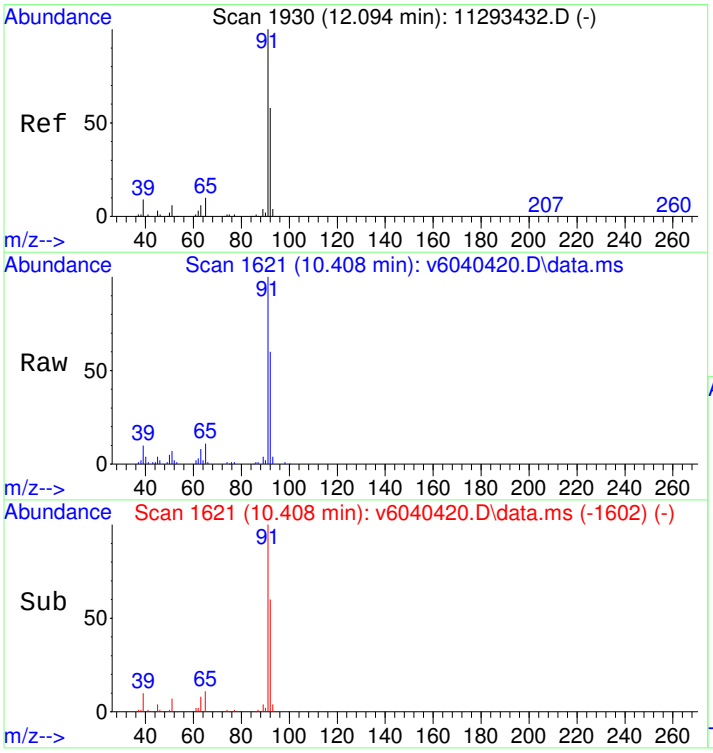


#50
2-Nitropropane
Concen: 0.06 ug/L
RT: 10.321 min Scan# 1605
Delta R.T. 0.075 min
Lab File: v6040420.D
Acq: 4 Apr 11 7:17 pm

Tgt Ion: 43 Resp: 1179

Ion	Ratio	Lower	Upper
43	100		
41	41.1	61.5	114.1#
39	0.0	21.0	39.0#

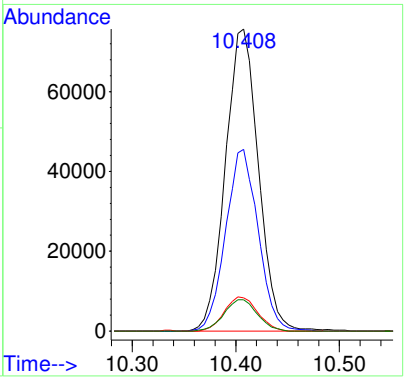


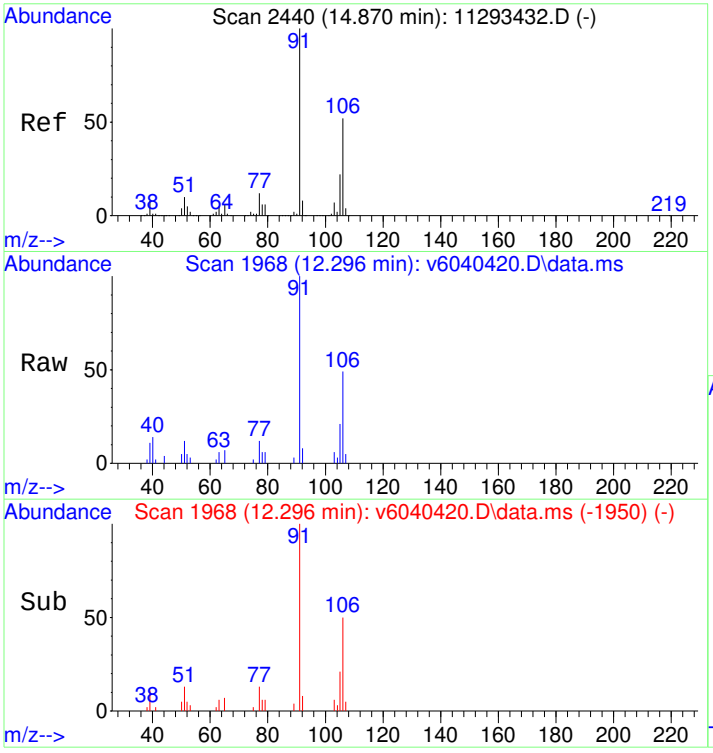


#54
Toluene
Concen: 12.04 ug/L
RT: 10.408 min Scan# 1621
Delta R.T. 0.002 min
Lab File: v6040420.D
Acq: 4 Apr 11 7:17 pm

Tgt Ion: 91 Resp: 167193

Ion	Ratio	Lower	Upper
91	100		
92	59.2	42.4	78.8
65	11.4	9.3	17.3
39	10.4	9.4	17.4

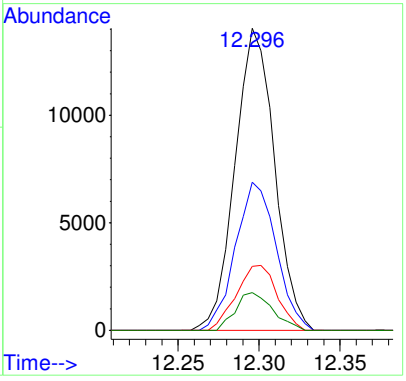


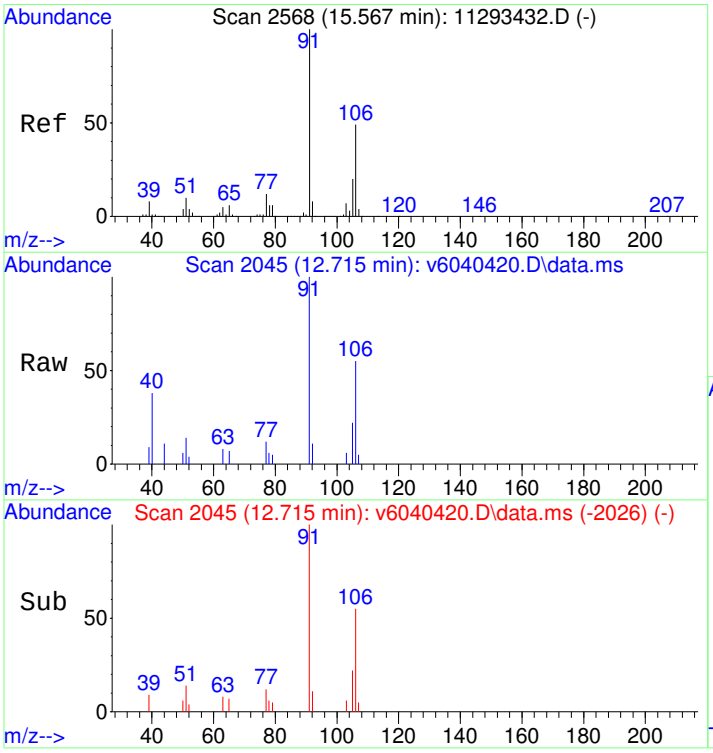


#68
m,p-Xylenes
Concen: 2.11 ug/L
RT: 12.296 min Scan# 1968
Delta R.T. -0.003 min
Lab File: v6040420.D
Acq: 4 Apr 11 7:17 pm

Tgt Ion: 91 Resp: 23771

Ion	Ratio	Lower	Upper
91	100		
106	50.6	34.1	63.3
105	22.1	15.2	28.2
77	11.7	9.1	16.9

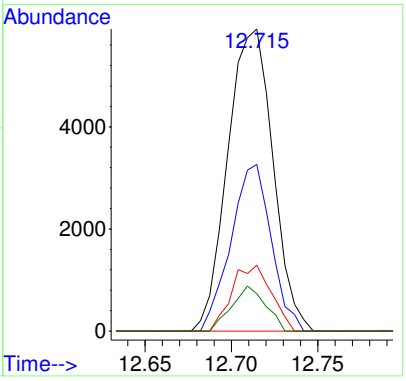


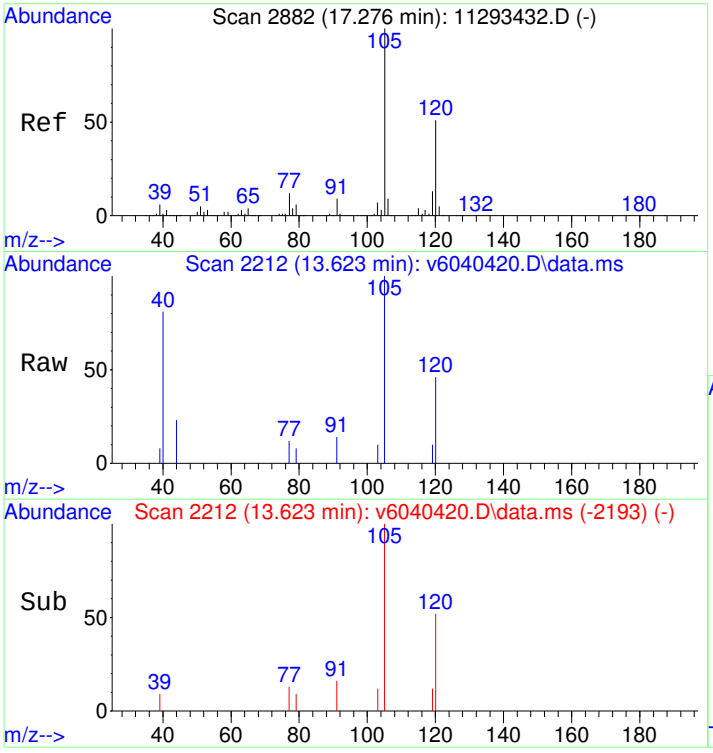


#69
o-Xylene
Concen: 0.93 ug/L
RT: 12.715 min Scan# 2045
Delta R.T. 0.004 min
Lab File: v6040420.D
Acq: 4 Apr 11 7:17 pm

Tgt Ion: 91 Resp: 10772

Ion	Ratio	Lower	Upper
91	100		
106	49.1	32.1	59.5
105	19.0	13.1	24.3
77	11.2	8.5	15.9

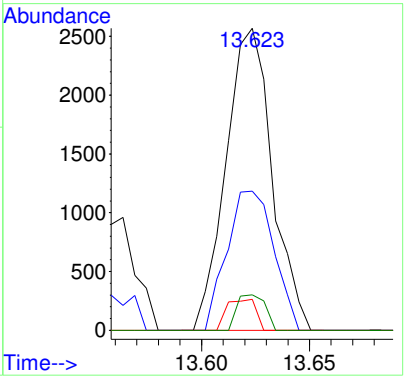


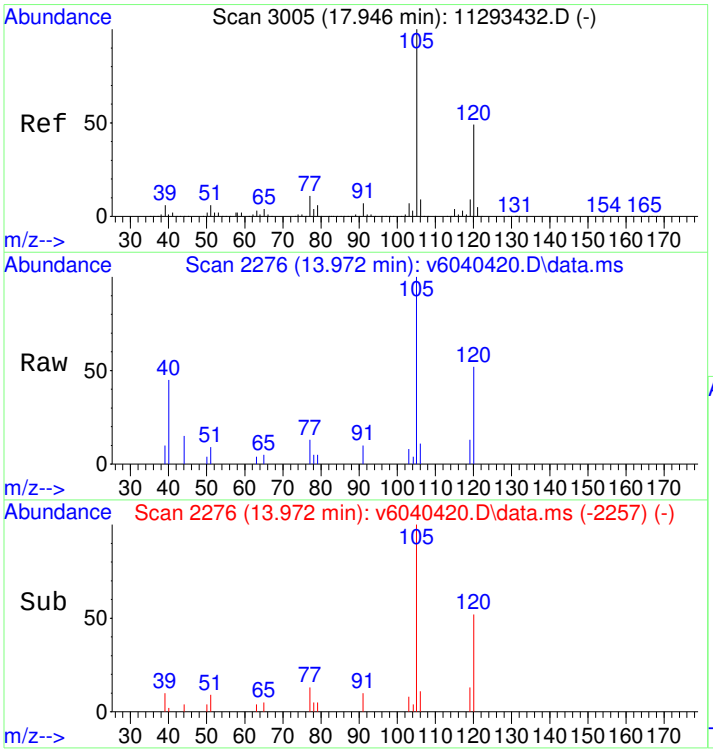


#81
1,3,5-Trimethylbenzene
Concen: 0.35 ug/L
RT: 13.623 min Scan# 2212
Delta R.T. 0.001 min
Lab File: v6040420.D
Acq: 4 Apr 11 7:17 pm

Tgt Ion:105 Resp: 3821

Ion	Ratio	Lower	Upper
105	100		
120	46.8	34.4	63.8
119	6.4	8.3	15.5#
77	7.2	13.6	25.2#

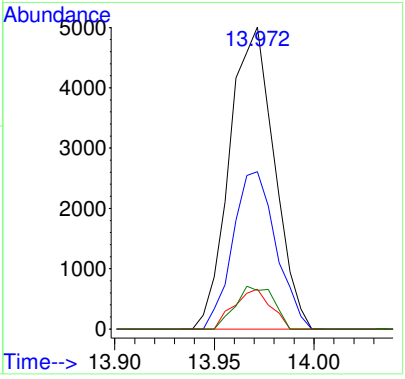


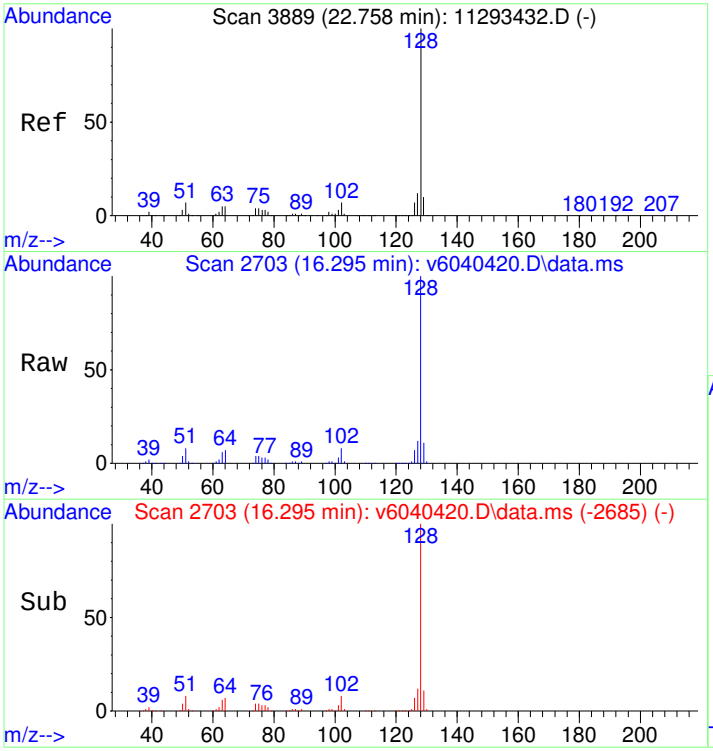


#84
1,2,4-Trimethylbenzene
Concen: 0.71 ug/L
RT: 13.972 min Scan# 2276
Delta R.T. 0.004 min
Lab File: v6040420.D
Acq: 4 Apr 11 7:17 pm

Tgt Ion:105 Resp: 7841

Ion	Ratio	Lower	Upper
105	100		
120	50.3	32.3	59.9
77	10.9	9.3	17.3
119	12.1	8.1	15.1

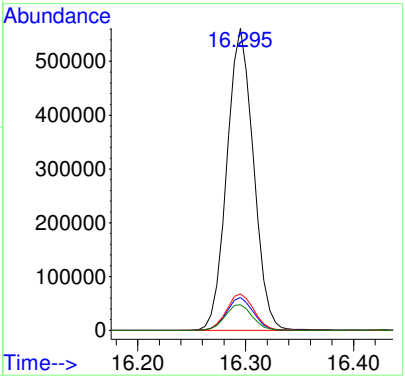




#95
Naphthalene
Concen: 85.13 ug/L
RT: 16.295 min Scan# 2703
Delta R.T. 0.001 min
Lab File: v6040420.D
Acq: 4 Apr 11 7:17 pm

Tgt Ion:128 Resp: 957975

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.2	15.2
127	12.4	8.1	15.1
51	8.7	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-44RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\04\v6040423.D Vial: 23
Acq On : 4 Apr 2011 8:57 pm Operator: mbh
Sample : 11C1255-44RE1 Inst : MSD6
Misc : Duplicate
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 05 08:53:42 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Fri Apr 01 16:00:33 2011
Response via : Initial Calibration

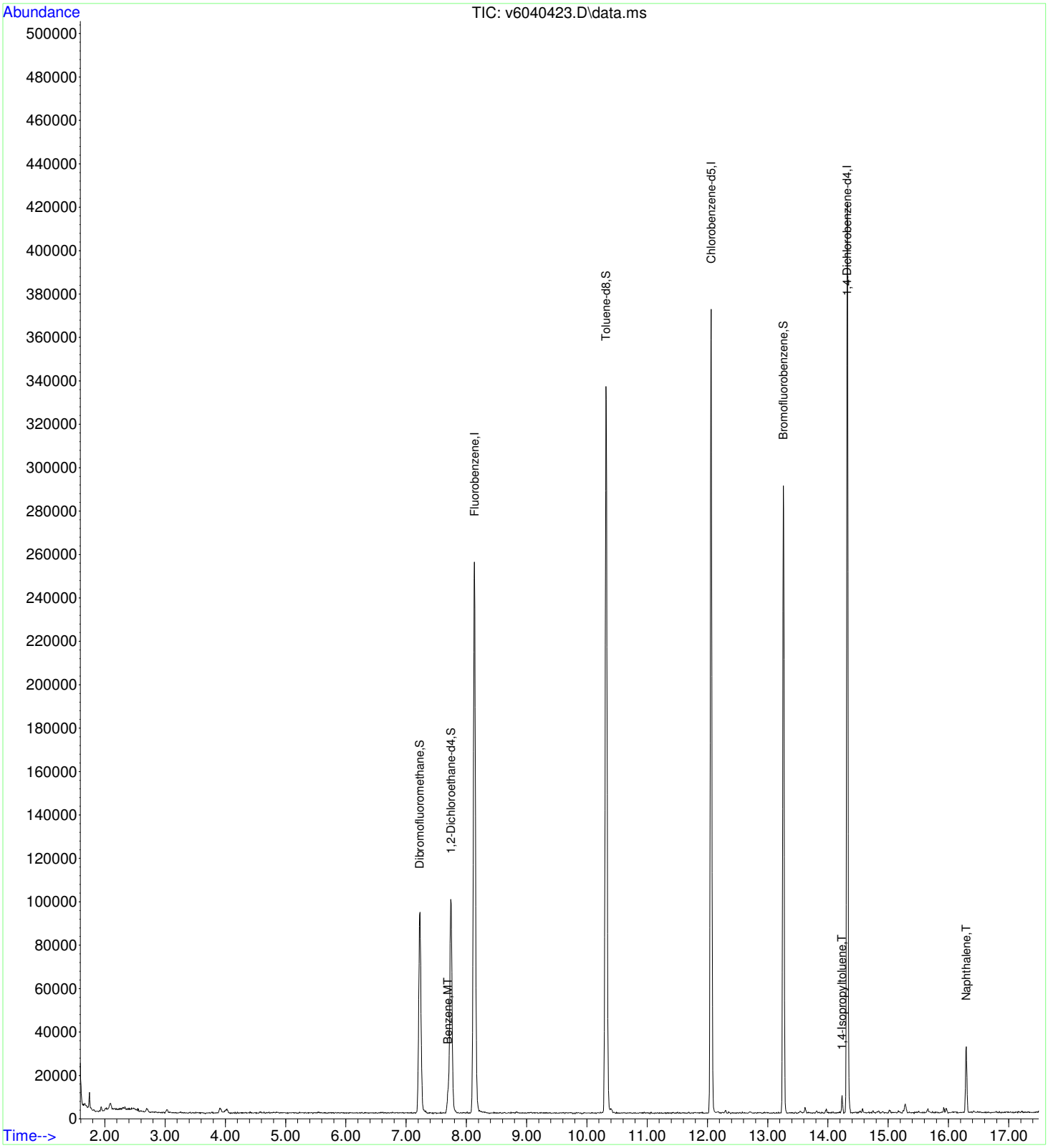
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.134	96	304768	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.062	117	232601	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.321	152	112479	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.225	111	80349	25.25	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.00%			
39) 1,2-Dichloroethane-d4	7.742	65	86172	25.11	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 100.44%			
61) Toluene-d8	10.316	98	278825	24.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.40%			
76) Bromofluorobenzene	13.260	95	98071	25.08	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 100.32%			
Target Compounds						Qvalue
42) Benzene	7.693	78	12235	0.90	ug/L #	1
86) 1,4-Isopropyltoluene	14.234	119	5056	0.46	ug/L	93
95) Naphthalene	16.296	128	26833	2.39	ug/L #	94

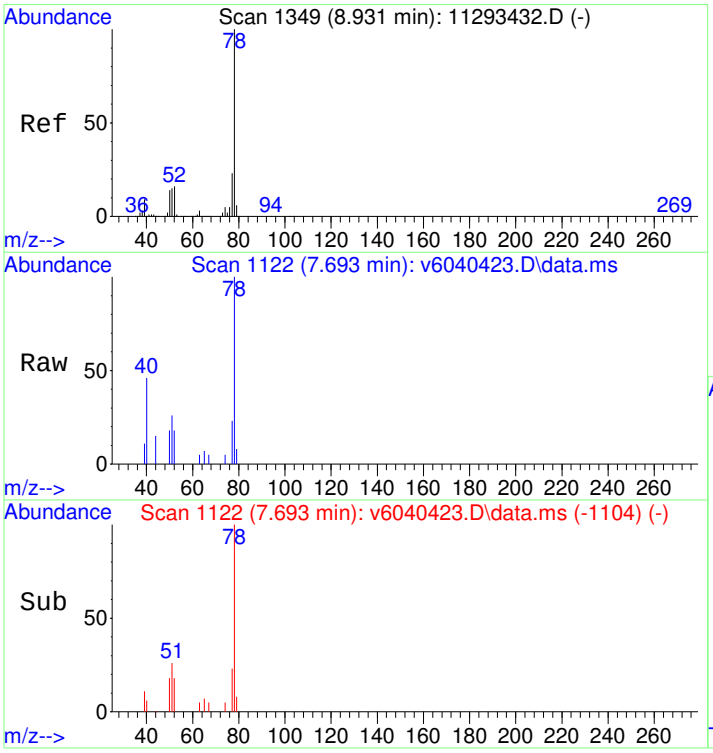
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\04\v6040423.D Vial: 23
Acq On : 4 Apr 2011 8:57 pm Operator: mbh
Sample : 11C1255-44RE1 Inst : MSD6
Misc : Duplicate
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 05 08:53:42 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Fri Apr 01 16:00:33 2011
Response via : Initial Calibration

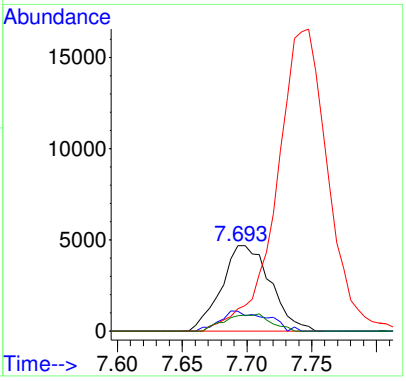


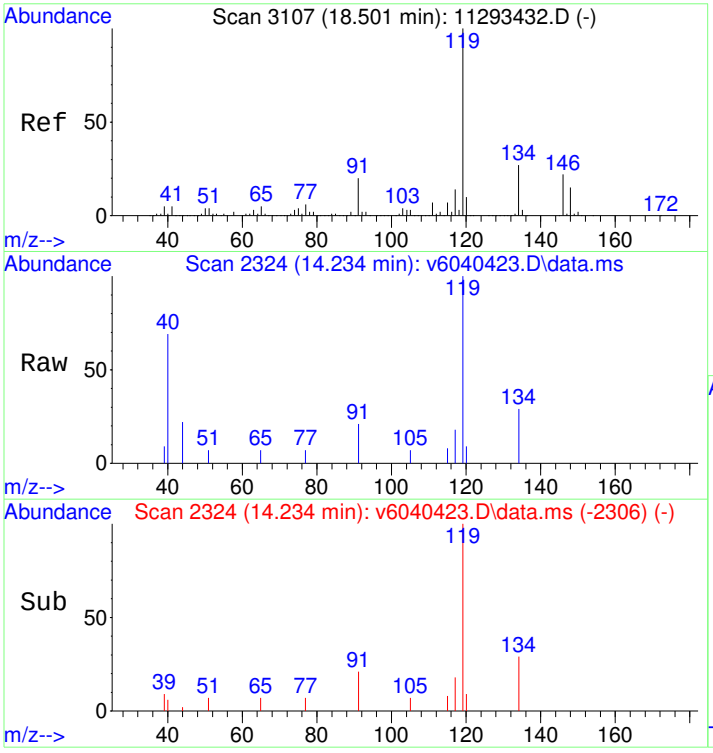


#42
Benzene
Concen: 0.90 ug/L
RT: 7.693 min Scan# 1122
Delta R.T. -0.004 min
Lab File: v6040423.D
Acq: 4 Apr 11 8:57 pm

Tgt Ion: 78 Resp: 12235

Ion	Ratio	Lower	Upper
78	100		
77	22.5	16.0	29.6
51	361.0	19.0	35.4#
50	18.4	16.7	30.9

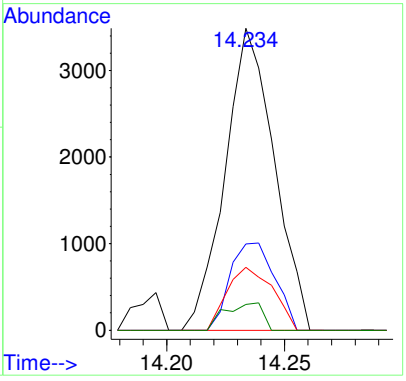


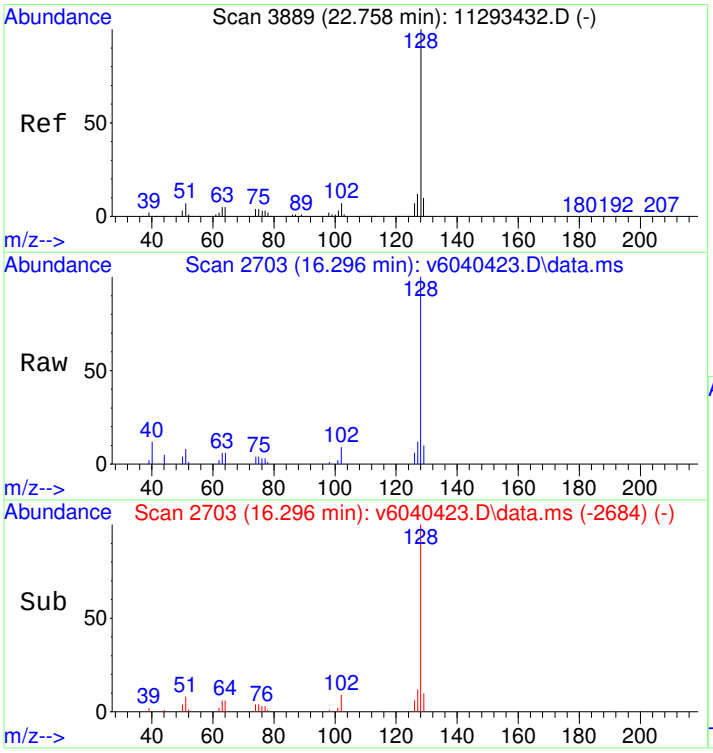


#86
1,4-Isopropyltoluene
Concen: 0.46 ug/L
RT: 14.234 min Scan# 2324
Delta R.T. -0.001 min
Lab File: v6040423.D
Acq: 4 Apr 11 8:57 pm

Tgt Ion:119 Resp: 5056

Ion	Ratio	Lower	Upper
119	100		
134	26.4	19.0	35.2
91	19.4	17.9	33.3
120	6.9	6.9	12.7

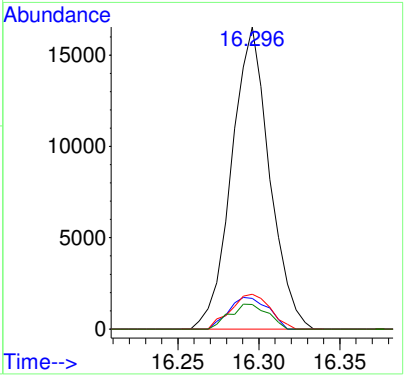




#95
Naphthalene
Concen: 2.39 ug/L
RT: 16.296 min Scan# 2703
Delta R.T. 0.001 min
Lab File: v6040423.D
Acq: 4 Apr 11 8:57 pm

Tgt Ion:128 Resp: 26833

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.2	15.2
127	12.0	8.1	15.1
51	8.3	9.9	18.3#



Sample Raw Data

Analysis: 8260B

Lab Number: 11C1255-48

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040516.D Vial: 18
Acq On : 5 Apr 2011 6:53 pm Operator: MBH
Sample : 11C1255-48 Inst : MSD6
Misc : Duplicate
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 05 19:10:49 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

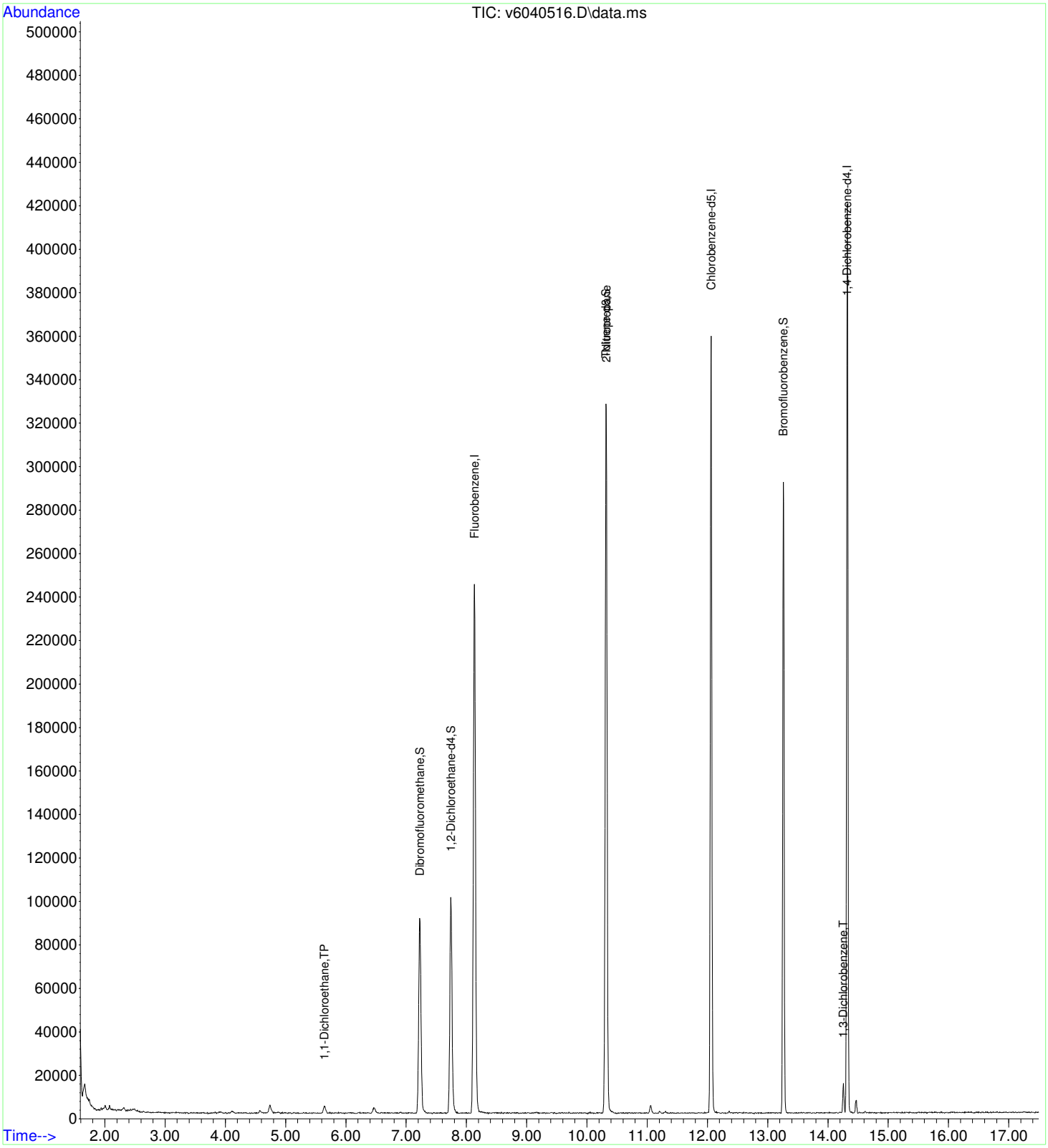
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	8.133	96	297355	25.00	ug/L	0.00
60) Chlorobenzene-d5	12.062	117	225985	25.00	ug/L	0.00
73) 1,4-Dichlorobenzene-d4	14.320	152	110172	25.00	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	7.230	111	78560	25.31	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.24%			
39) 1,2-Dichloroethane-d4	7.742	65	85563	25.55	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 102.20%			
61) Toluene-d8	10.315	98	273729	24.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.44%			
76) Bromofluorobenzene	13.259	95	96063	25.08	ug/L	0.00
Spiked Amount 25.000	Range 60 - 149		Recovery = 100.32%			
Target Compounds						Qvalue
23) 1,1-Dichloroethane	5.641	63	5829	0.89	ug/L #	92
50) 2-Nitropropane	10.321	43	1124	0.06	ug/L #	18
87) 1,3-Dichlorobenzene	14.255	146	6586	0.95	ug/L	91

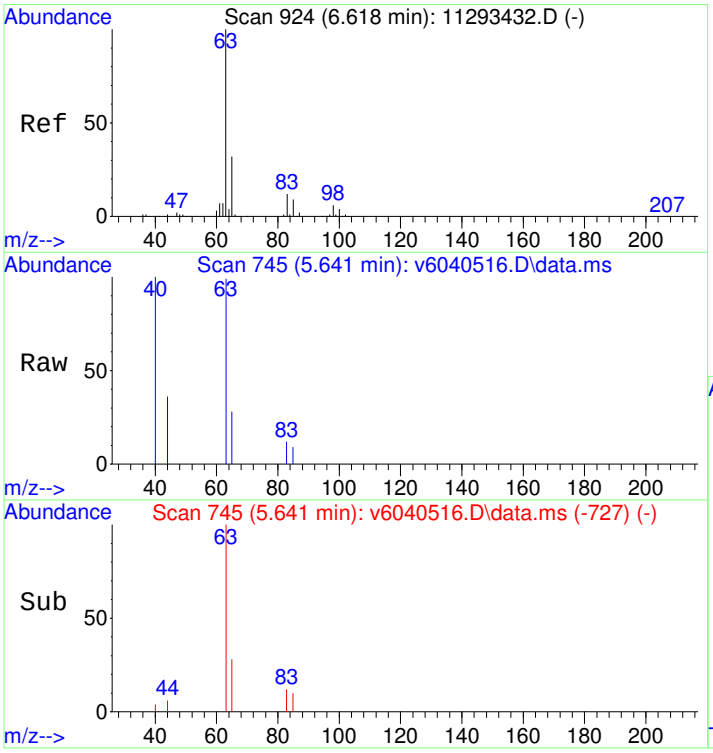
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD6\2011\04\05\v6040516.D Vial: 18
Acq On : 5 Apr 2011 6:53 pm Operator: MBH
Sample : 11C1255-48 Inst : MSD6
Misc : Duplicate
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 05 19:10:49 2011
Quant Method : C:\MSD6\METHODS\MD10004.M
Quant Title : GLI METHOD 8260A/624/OXY
QLast Update : Tue Apr 05 10:05:04 2011
Response via : Initial Calibration

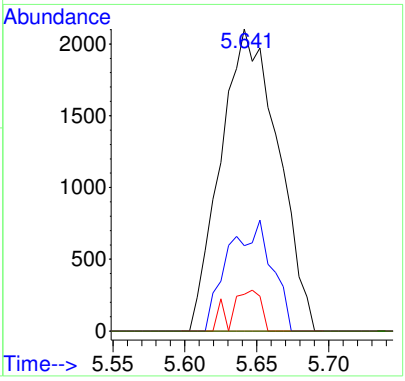


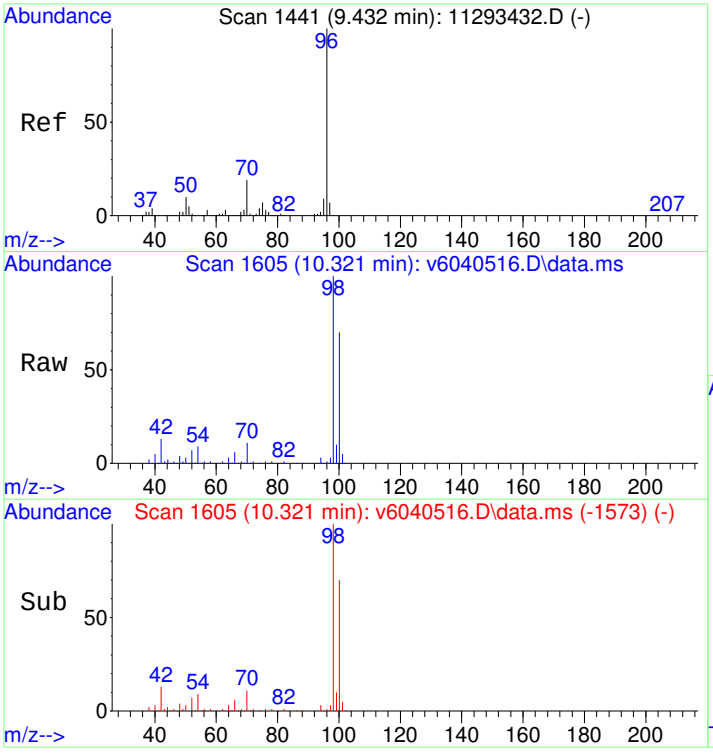


#23
1,1-Dichloroethane
Concen: 0.89 ug/L
RT: 5.641 min Scan# 745
Delta R.T. -0.001 min
Lab File: v6040516.D
Acq: 5 Apr 11 6:53 pm

Tgt Ion: 63 Resp: 5829

Ion	Ratio	Lower	Upper
63	100		
65	28.2	19.8	36.8
83	7.0	6.9	12.7
61	0.0	7.6	14.2#

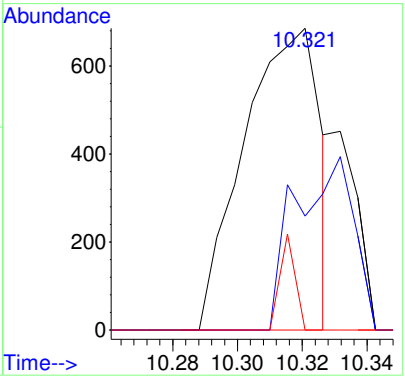


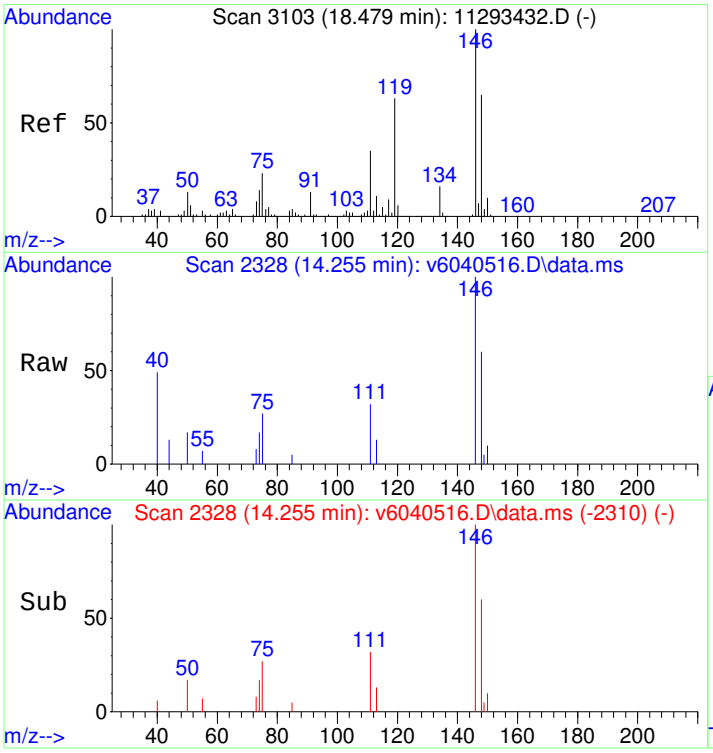


#50
2-Nitropropane
Concen: 0.06 ug/L
RT: 10.321 min Scan# 1605
Delta R.T. 0.076 min
Lab File: v6040516.D
Acq: 5 Apr 11 6:53 pm

Tgt Ion: 43 Resp: 1124

Ion	Ratio	Lower	Upper
43	100		
41	0.0	61.5	114.1#
39	6.3	21.0	39.0#

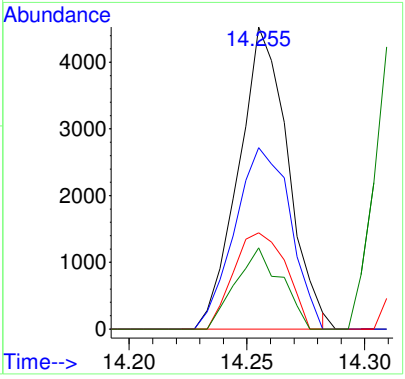




#87
1,3-Dichlorobenzene
Concen: 0.95 ug/L
RT: 14.255 min Scan# 2328
Delta R.T. 0.000 min
Lab File: v6040516.D
Acq: 5 Apr 11 6:53 pm

Tgt Ion:146 Resp: 6586

Ion	Ratio	Lower	Upper
146	100		
148	67.7	43.4	80.6
111	33.9	28.1	52.3
75	24.8	21.5	39.9



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-03

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032913.D Vial: 12
Acq On : 29 Mar 2011 4:13 pm Operator: RCS
Sample : 11C1255-03 Inst : MSD5
Misc : 1,SEVERSTAL,980ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 29 19:54:00 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

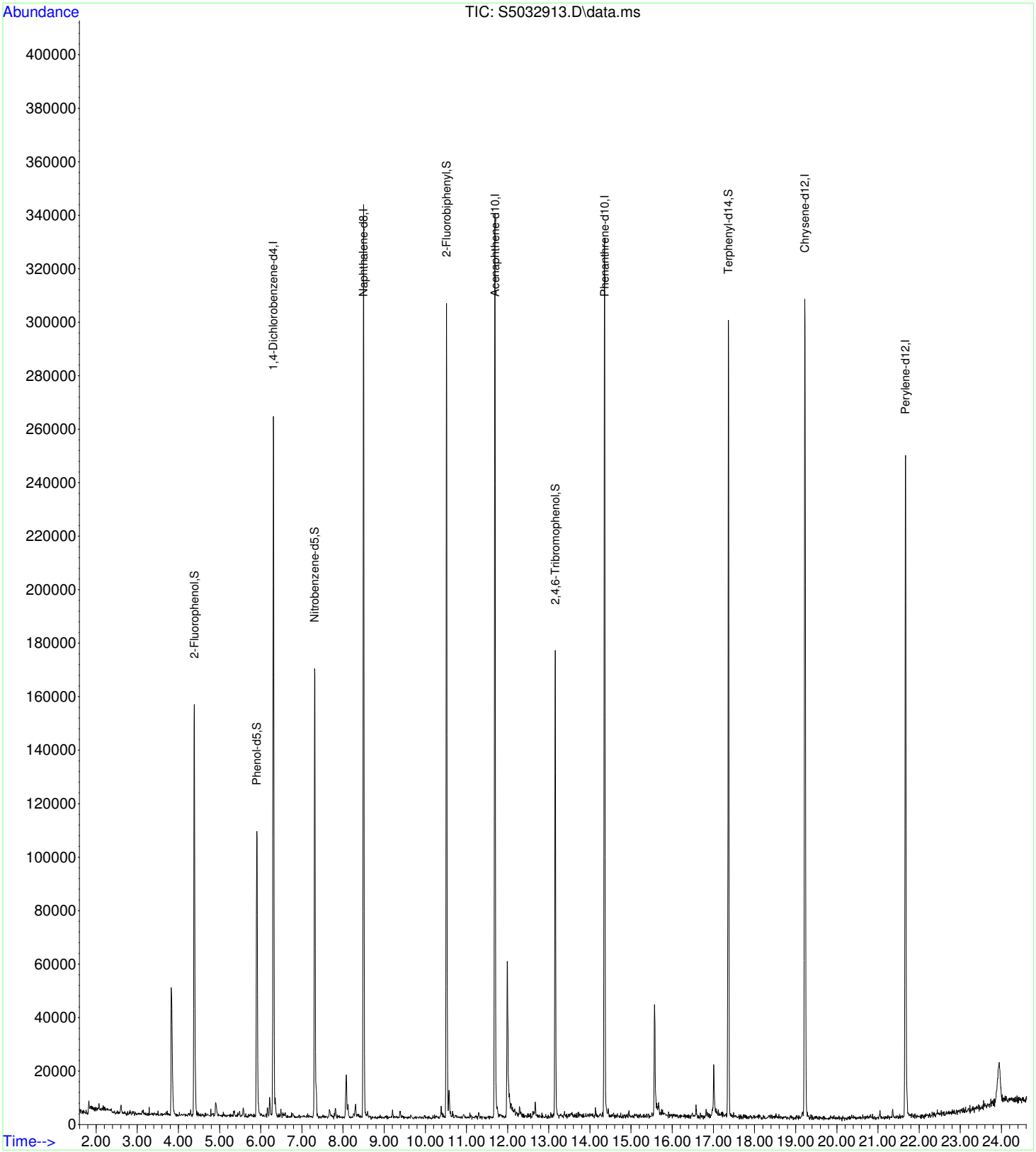
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.305	152	61300	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.499	136	225849	40.00	ug/mL	-0.02
37) Acenaphthene-d10	11.694	164	124450	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.354	188	202210	40.00	ug/mL	-0.03
75) Chrysene-d12	19.223	240	184076	40.00	ug/mL	-0.04
86) Perylene-d12	21.667	264	163573	40.00	ug/mL	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.387	112	68466	31.21	ug/mL	-0.02
Spiked Amount 75.000	Range 10 - 83		Recovery = 41.61%			
8) Phenol-d5	5.903	99	64504	21.02	ug/mL	-0.03
Spiked Amount 75.000	Range 13 - 62		Recovery = 28.03%			
21) Nitrobenzene-d5	7.308	82	94482	34.02	ug/mL	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 68.04%			
41) 2-Fluorobiphenyl	10.516	172	146303	33.85	ug/mL	-0.02
Spiked Amount 50.000	Range 35 - 138		Recovery = 67.70%			
66) 2,4,6-Tribromophenol	13.158	330	23510	50.74	ug/mL	-0.02
Spiked Amount 75.000	Range 24 - 142		Recovery = 67.65%			
78) Terphenyl-d14	17.363	244	129301	34.10	ug/mL	-0.03
Spiked Amount 50.000	Range 24 - 129		Recovery = 68.20%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032913.D Vial: 12
Acq On : 29 Mar 2011 4:13 pm Operator: RCS
Sample : 11C1255-03 Inst : MSD5
Misc : 1,SEVERSTAL,980ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 29 19:54:00 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-04

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032915.D Vial: 14
Acq On : 29 Mar 2011 5:22 pm Operator: RCS
Sample : 11C1255-04 Inst : MSD5
Misc : 1,SEVERSTAL,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 29 19:55:21 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

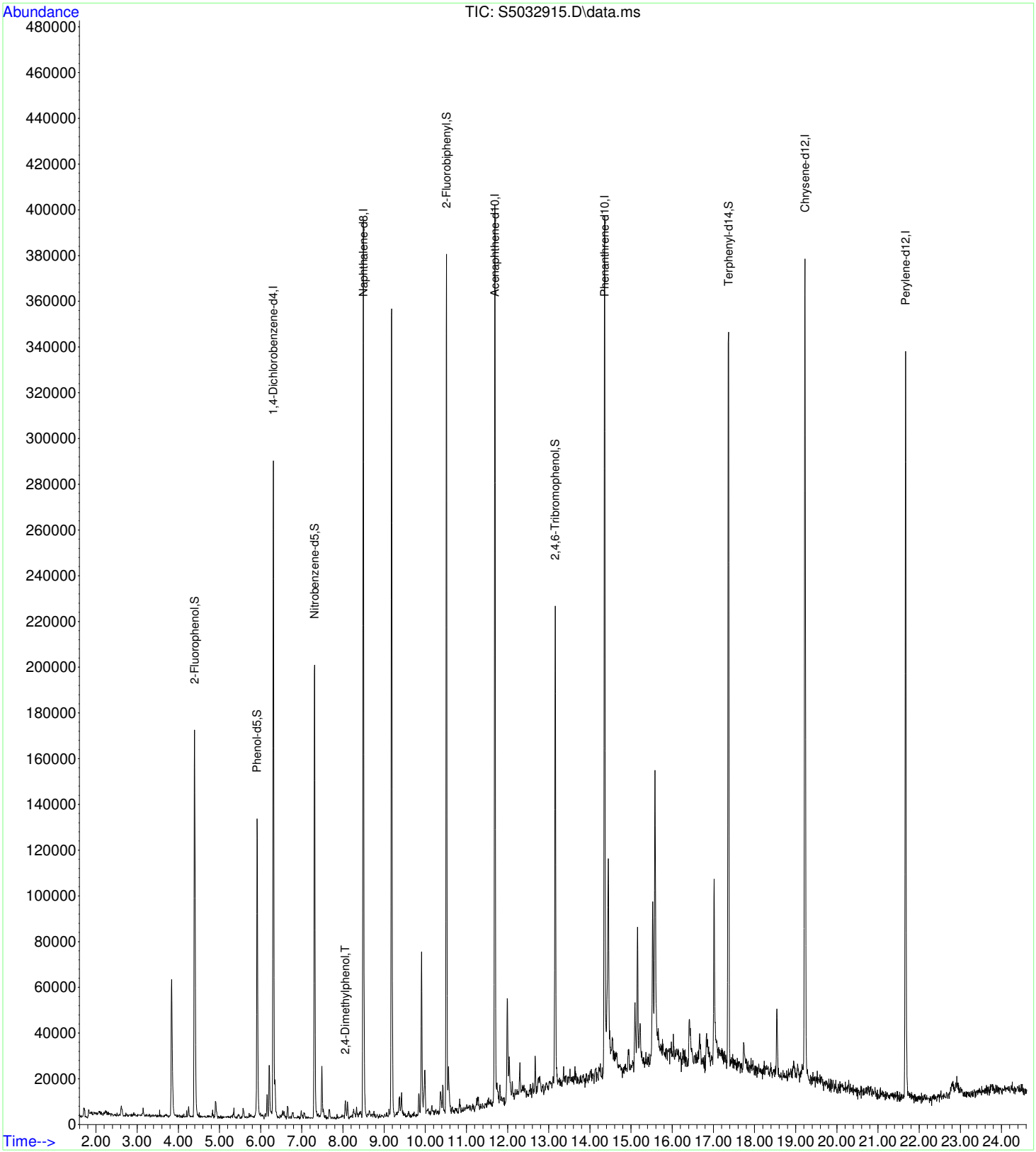
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.309	152	66423	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.497	136	248799	40.00	ug/mL	-0.02
37) Acenaphthene-d10	11.693	164	137997	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.358	188	223938	40.00	ug/mL	-0.02
75) Chrysene-d12	19.228	240	206585	40.00	ug/mL	-0.04
86) Perylene-d12	21.671	264	188371	40.00	ug/mL	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.396	112	78922	33.20	ug/mL	0.00
Spiked Amount 75.000	Range 10 - 83		Recovery = 44.27%			
8) Phenol-d5	5.912	99	77896	23.42	ug/mL	-0.02
Spiked Amount 75.000	Range 13 - 62		Recovery = 31.23%			
21) Nitrobenzene-d5	7.312	82	109695	35.86	ug/mL	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 71.72%			
41) 2-Fluorobiphenyl	10.515	172	172046	35.90	ug/mL	-0.02
Spiked Amount 50.000	Range 35 - 138		Recovery = 71.80%			
66) 2,4,6-Tribromophenol	13.157	330	28745	56.01	ug/mL	-0.02
Spiked Amount 75.000	Range 24 - 142		Recovery = 74.68%			
78) Terphenyl-d14	17.368	244	138541	32.55	ug/mL	-0.03
Spiked Amount 50.000	Range 24 - 129		Recovery = 65.10%			
Target Compounds						Qvalue
25) 2,4-Dimethylphenol	8.060	107	2658	1.06	ug/mL	86

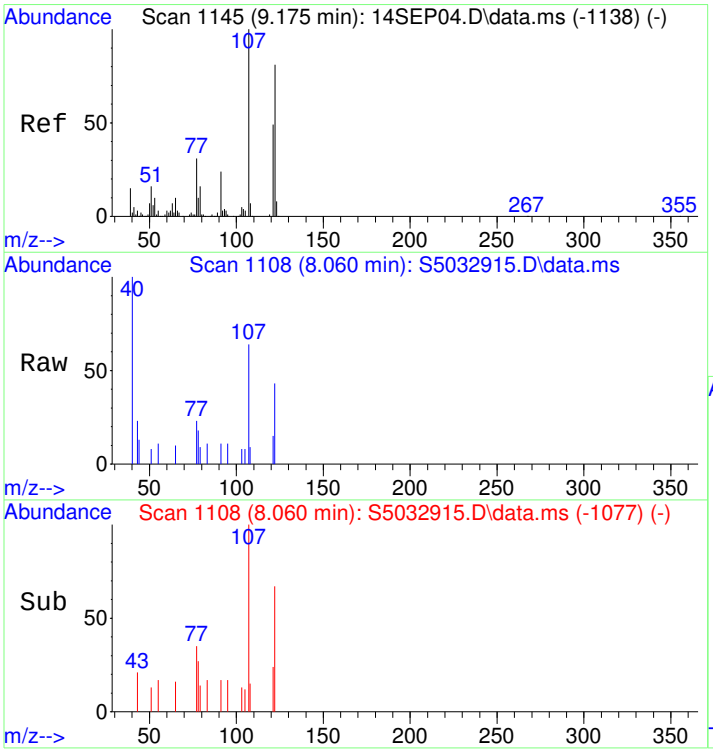
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032915.D Vial: 14
Acq On : 29 Mar 2011 5:22 pm Operator: RCS
Sample : 11C1255-04 Inst : MSD5
Misc : 1,SEVERSTAL,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 29 19:55:21 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

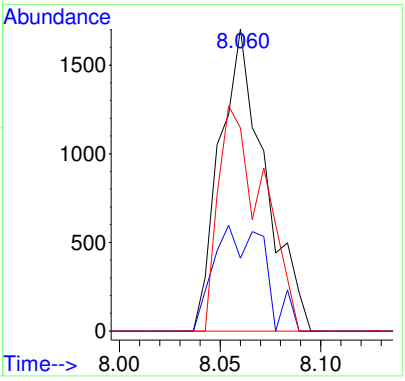




#25
2,4-Dimethylphenol
Concen: 1.06 ug/mL
RT: 8.060 min Scan# 1108
Delta R.T. -0.012 min
Lab File: S5032915.D
Acq: 29 Mar 11 5:22 pm

Tgt Ion:107 Resp: 2658

Ion	Ratio	Lower	Upper
107	100		
121	24.1	20.5	60.5
122	67.2	53.4	93.4



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-07

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2411\S5032412.D Vial: 11
Acq On : 24 Mar 2011 6:25 pm Operator: RCS
Sample : 11C1255-07 Inst : MSD5
Misc : 10,SEVERSTAL,100ul/1ml,970ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 25 08:12:18 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:06:41 2011
Response via : Initial Calibration

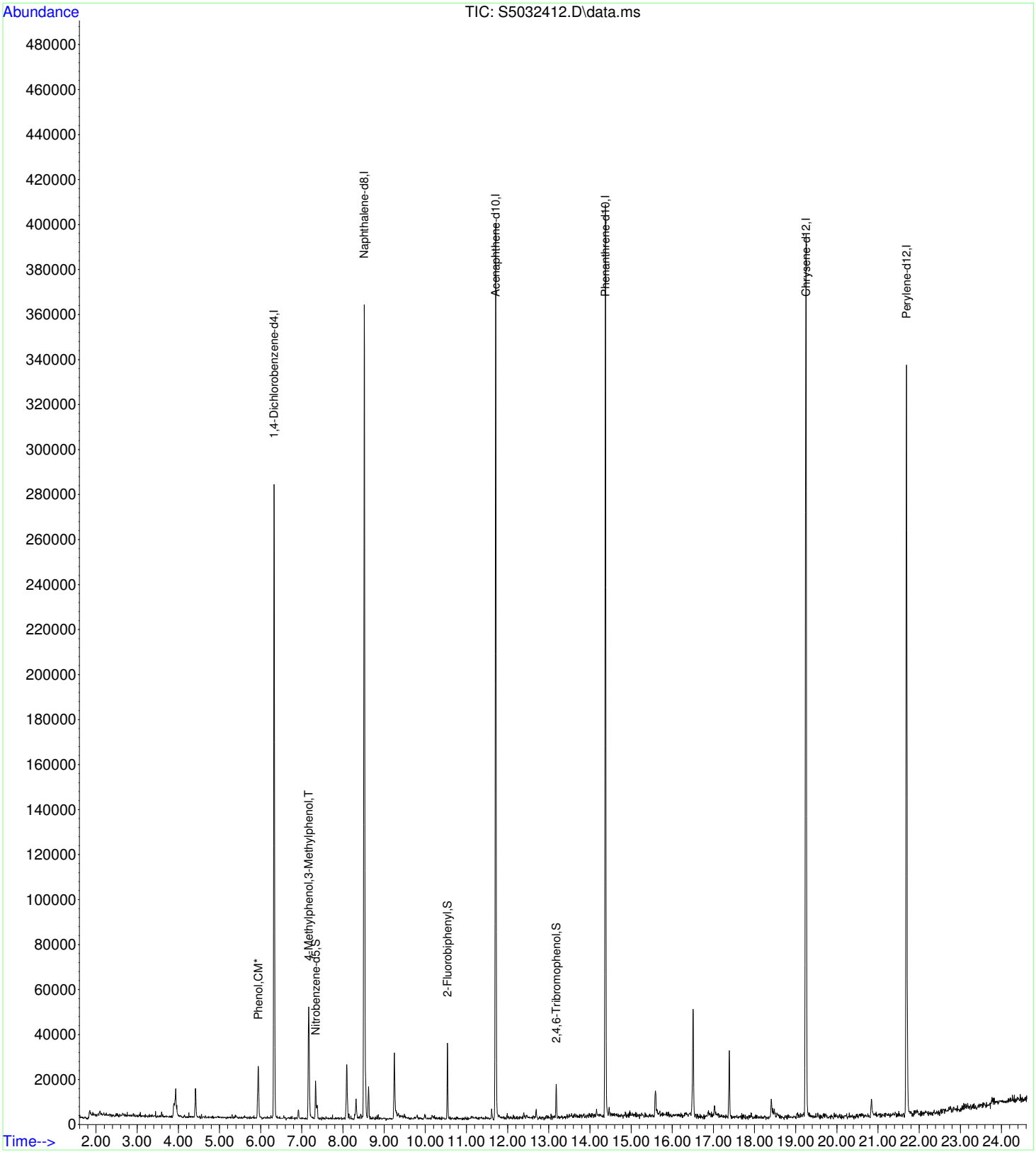
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.326	152	66178	40.00	ug/mL	0.00
20) Naphthalene-d8	8.515	136	245581	40.00	ug/mL	0.00
37) Acenaphthene-d10	11.711	164	140638	40.00	ug/mL	0.00
63) Phenanthrene-d10	14.376	188	233196	40.00	ug/mL	0.00
75) Chrysene-d12	19.251	240	226156	40.00	ug/mL	-0.01
86) Perylene-d12	21.695	264	194444	40.00	ug/mL	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.419	112	6434	2.72	ug/mL	0.01
Spiked Amount 75.000	Range 10 - 83		Recovery =	3.63%#		
8) Phenol-d5	5.929	99	5663	1.71	ug/mL	0.00
Spiked Amount 75.000	Range 13 - 62		Recovery =	2.28%#		
21) Nitrobenzene-d5	7.335	82	9338	3.09	ug/mL	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery =	6.18%#		
41) 2-Fluorobiphenyl	10.539	172	15523	3.18	ug/mL	0.00
Spiked Amount 50.000	Range 35 - 138		Recovery =	6.36%#		
66) 2,4,6-Tribromophenol	13.186	330	2358	4.41	ug/mL	0.00
Spiked Amount 75.000	Range 24 - 142		Recovery =	5.88%#		
78) Terphenyl-d14	17.385	244	13752	2.95	ug/mL	-0.01
Spiked Amount 50.000	Range 24 - 129		Recovery =	5.90%#		
Target Compounds						Qvalue
9) Phenol	5.941	94	12741	3.93	ug/mL	97
19) 4-Methylphenol,3-Methy...	7.166	108	16216	6.76	ug/mL#	54

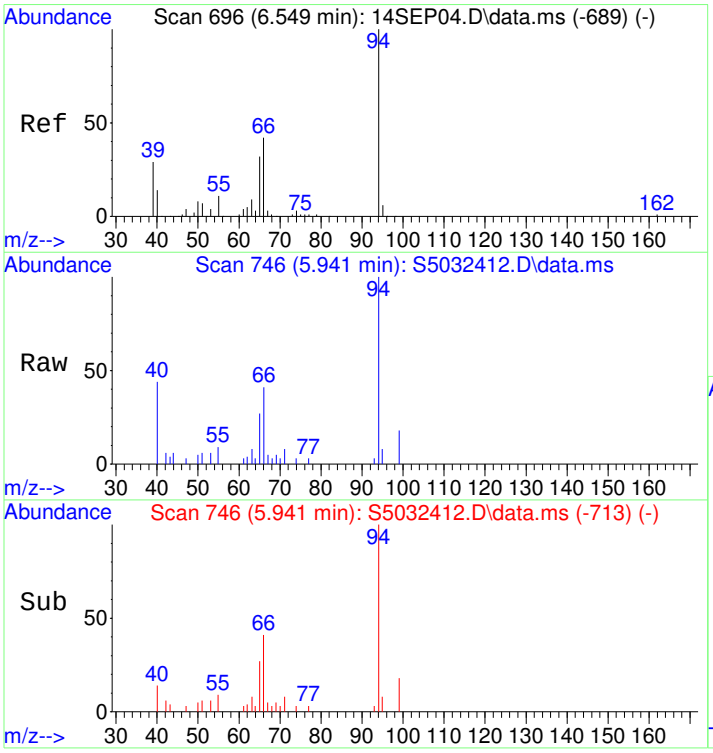
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2411\S5032412.D Vial: 11
Acq On : 24 Mar 2011 6:25 pm Operator: RCS
Sample : 11C1255-07 Inst : MSD5
Misc : 10,SEVERSTAL,100ul/1ml,970ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 25 08:12:18 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:06:41 2011
Response via : Initial Calibration

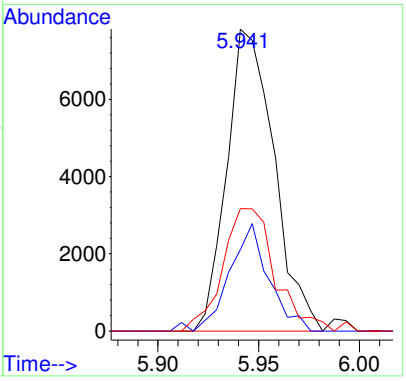


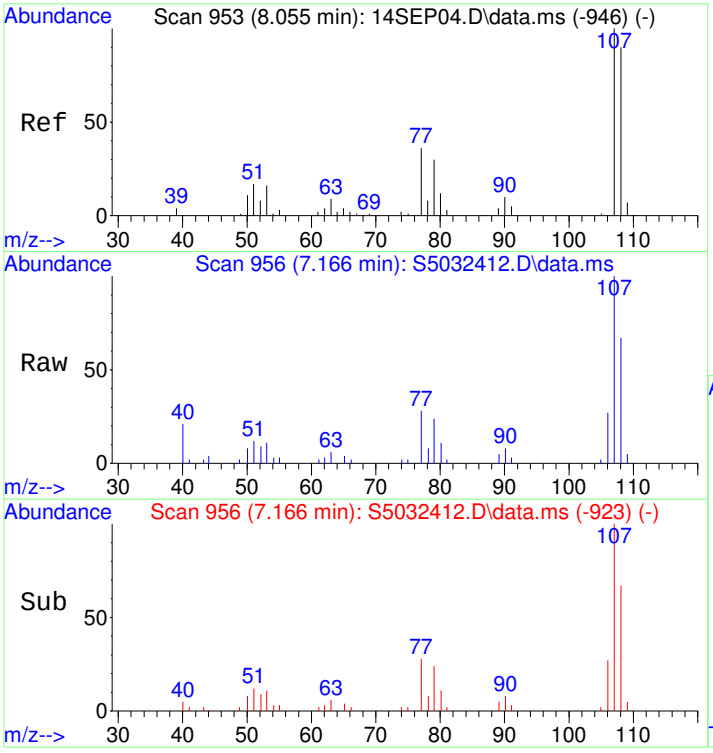


#9
Phenol
Concen: 3.93 ug/mL
RT: 5.941 min Scan# 746
Delta R.T. -0.010 min
Lab File: S5032412.D
Acq: 24 Mar 11 6:25 pm

Tgt Ion: 94 Resp: 12741

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.9	47.9
66	40.5	22.9	62.9

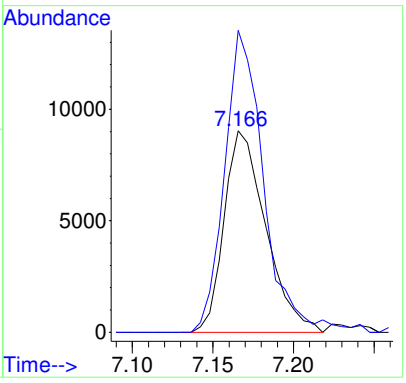




#19
4-Methylphenol,3-Methylphenol
Concen: 6.76 ug/mL
RT: 7.166 min Scan# 956
Delta R.T. -0.010 min
Lab File: S5032412.D
Acq: 24 Mar 11 6:25 pm

Tgt Ion:108 Resp: 16216

Ion	Ratio	Lower	Upper
108	100		
107	149.9	83.5	123.5#



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-07RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032918.D Vial: 17
Acq On : 29 Mar 2011 7:06 pm Operator: RCS
Sample : 11C1255-07RE1 Inst : MSD5
Misc : 1,SEVERSTAL,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 30 07:19:35 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

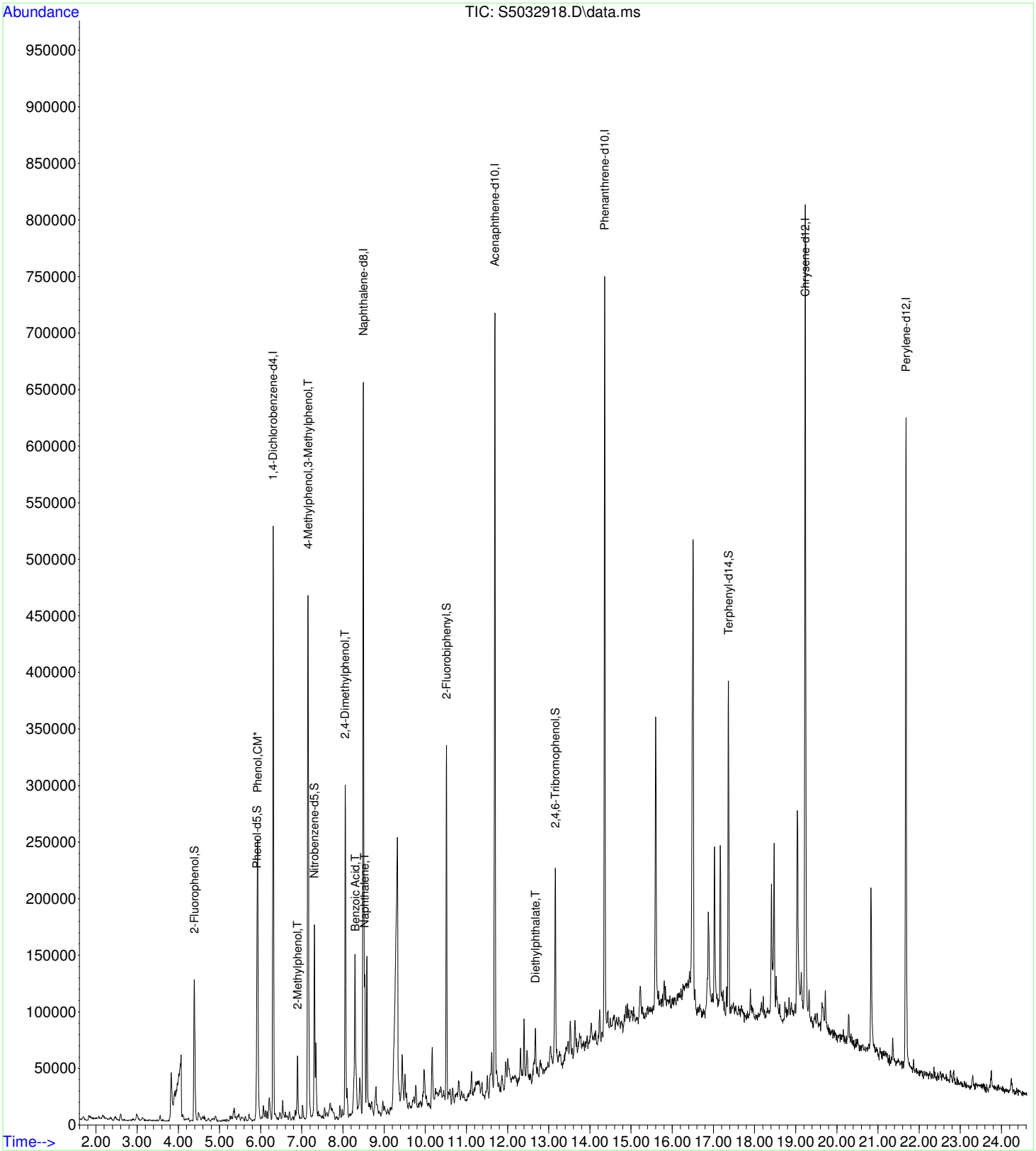
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.303	152	118887	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.498	136	434028	40.00	ug/mL	-0.02
37) Acenaphthene-d10	11.693	164	241544	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.359	188	392023	40.00	ug/mL	-0.02
75) Chrysene-d12	19.234	240	403996	40.00	ug/mL	-0.03
86) Perylene-d12	21.683	264	346046	40.00	ug/mL	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.390	112	64809	15.23	ug/mL	-0.02
Spiked Amount 75.000	Range 10 - 83		Recovery = 20.31%			
8) Phenol-d5	5.912	99	67227	11.30	ug/mL	-0.02
Spiked Amount 75.000	Range 13 - 62		Recovery = 15.07%			
21) Nitrobenzene-d5	7.306	82	92268	17.29	ug/mL	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 34.58%#			
41) 2-Fluorobiphenyl	10.515	172	140548	16.75	ug/mL	-0.02
Spiked Amount 50.000	Range 35 - 138		Recovery = 33.50%#			
66) 2,4,6-Tribromophenol	13.163	330	23614	26.29	ug/mL	-0.02
Spiked Amount 75.000	Range 24 - 142		Recovery = 35.05%			
78) Terphenyl-d14	17.368	244	130581	15.69	ug/mL	-0.03
Spiked Amount 50.000	Range 24 - 129		Recovery = 31.38%			
Target Compounds						Qvalue
9) Phenol	5.930	94	133926	22.97	ug/mL	96
16) 2-Methylphenol	6.898	108	16972	4.16	ug/mL	98
19) 4-Methylphenol,3-Methy...	7.154	108	169413	39.31	ug/mL	86
25) 2,4-Dimethylphenol	8.054	107	36887	8.42	ug/mL	98
29) Naphthalene	8.527	128	71029	6.30	ug/mL	96
31) Benzoic Acid	8.299	105	24908	14.47	ug/mL#	13
60) Diethylphthalate	12.679	149	17477	2.73	ug/mL	96

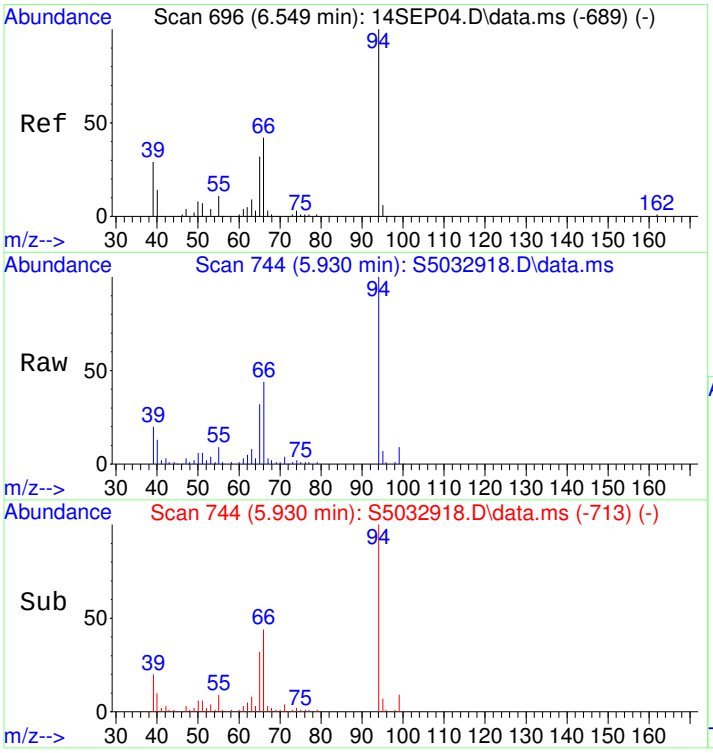
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032918.D Vial: 17
Acq On : 29 Mar 2011 7:06 pm Operator: RCS
Sample : 11C1255-07RE1 Inst : MSD5
Misc : 1,SEVERSTAL,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 30 07:19:35 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

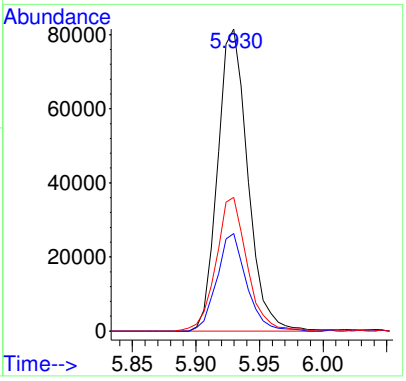


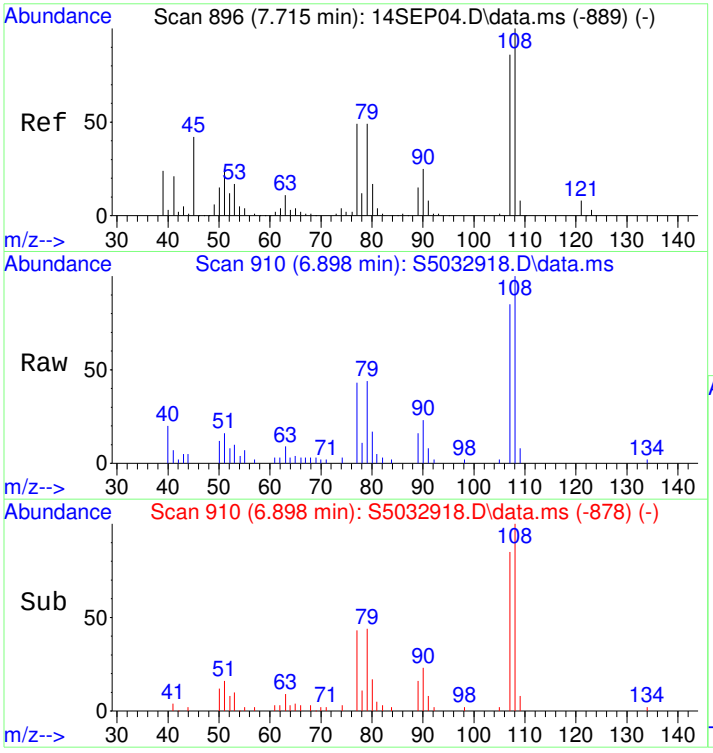


#9
Phenol
Concen: 22.97 ug/mL
RT: 5.930 min Scan# 744
Delta R.T. -0.021 min
Lab File: S5032918.D
Acq: 29 Mar 11 7:06 pm

Tgt Ion: 94 Resp: 133926

Ion	Ratio	Lower	Upper
94	100		
65	32.3	7.9	47.9
66	43.8	22.9	62.9

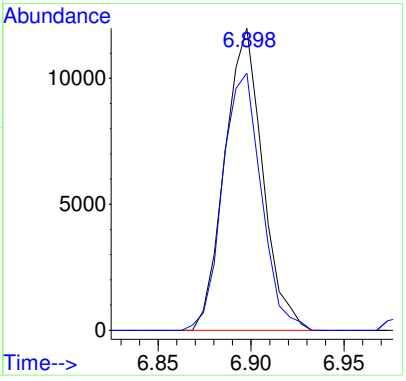


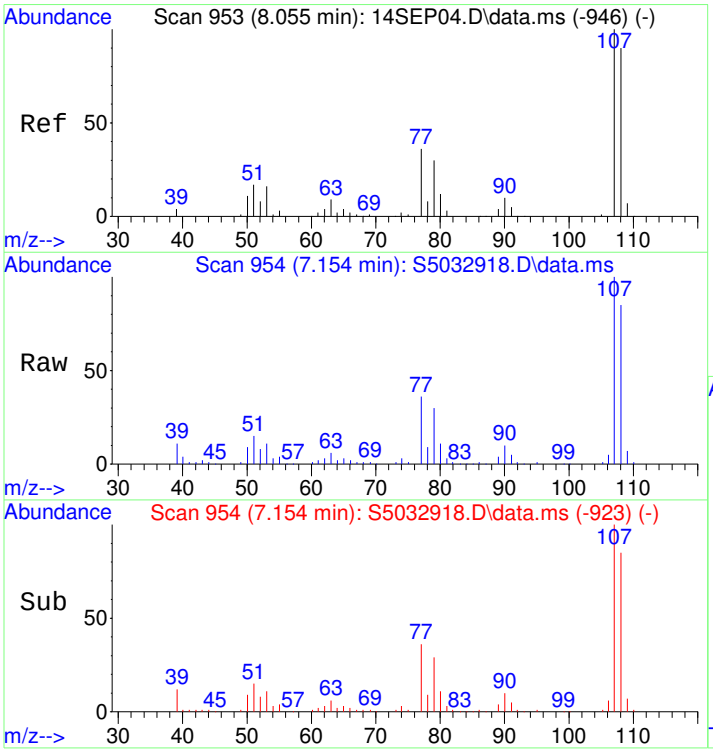


#16
2-Methylphenol
Concen: 4.16 ug/mL
RT: 6.898 min Scan# 910
Delta R.T. -0.016 min
Lab File: S5032918.D
Acq: 29 Mar 11 7:06 pm

Tgt Ion:108 Resp: 16972

Ion	Ratio	Lower	Upper
108	100		
107	85.1	62.9	102.9

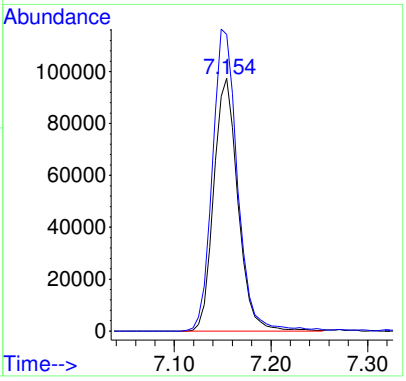


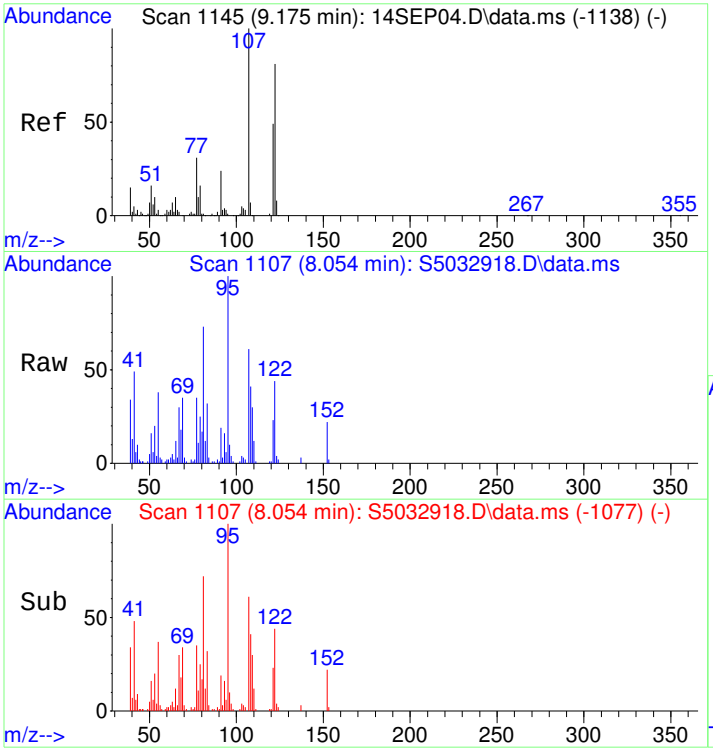


#19
4-Methylphenol,3-Methylphenol
Concen: 39.31 ug/mL
RT: 7.154 min Scan# 954
Delta R.T. -0.021 min
Lab File: S5032918.D
Acq: 29 Mar 11 7:06 pm

Tgt Ion:108 Resp: 169413

Ion	Ratio	Lower	Upper
108	100		
107	117.4	83.5	123.5

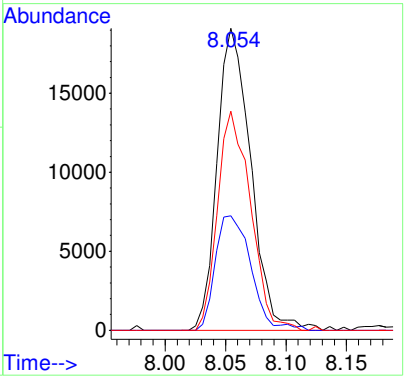


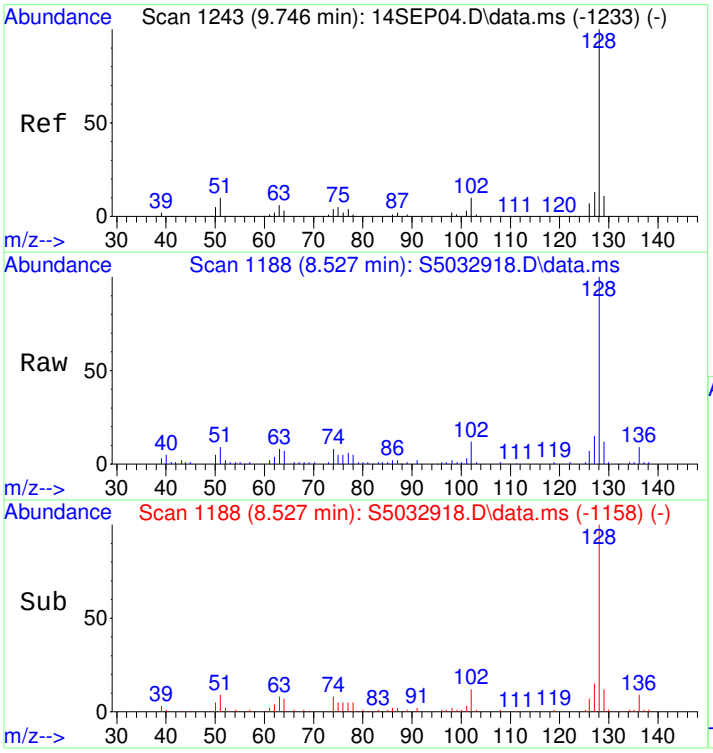


#25
2,4-Dimethylphenol
Concen: 8.42 ug/mL
RT: 8.054 min Scan# 1107
Delta R.T. -0.018 min
Lab File: S5032918.D
Acq: 29 Mar 11 7:06 pm

Tgt Ion:107 Resp: 36887

Ion	Ratio	Lower	Upper
107	100		
121	37.9	20.5	60.5
122	72.6	53.4	93.4

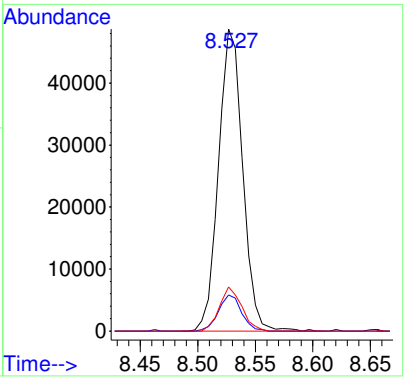


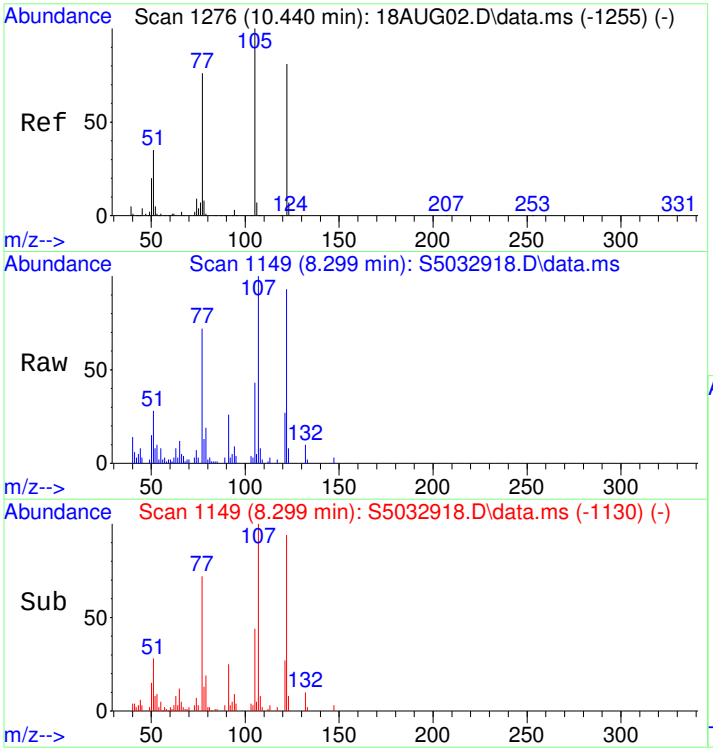


#29
Naphthalene
Concen: 6.30 ug/mL
RT: 8.527 min Scan# 1188
Delta R.T. -0.023 min
Lab File: S5032918.D
Acq: 29 Mar 11 7:06 pm

Tgt Ion:128 Resp: 71029

Ion	Ratio	Lower	Upper
128	100		
129	11.9	0.0	30.6
127	14.6	0.0	32.7

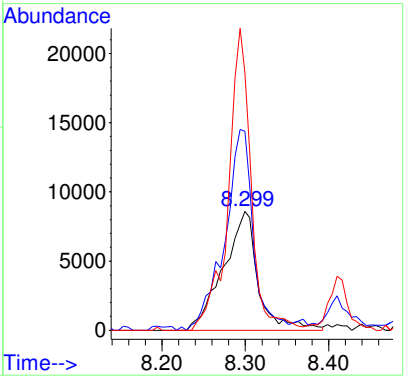


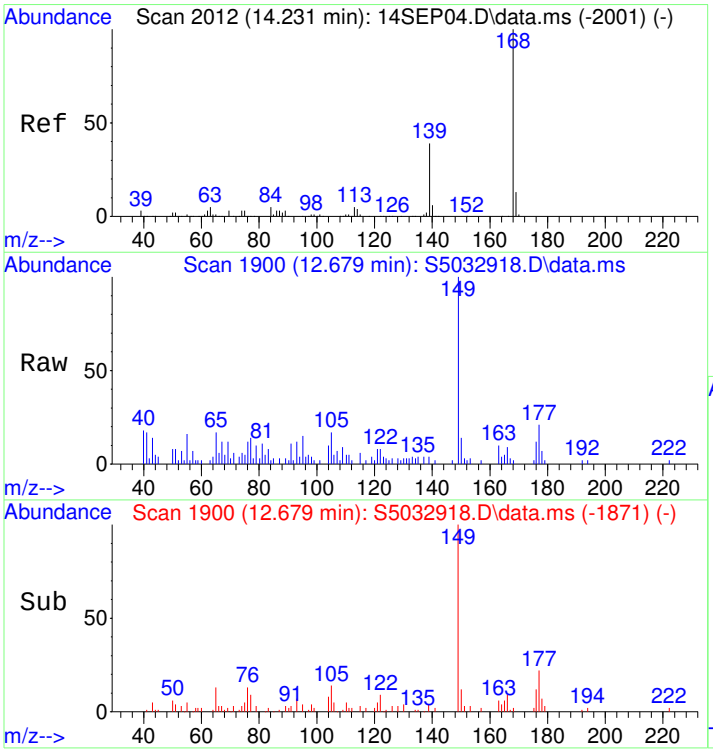


#31
Benzoic Acid
Concen: 14.47 ug/mL
RT: 8.299 min Scan# 1149
Delta R.T. -0.087 min
Lab File: S5032918.D
Acq: 29 Mar 11 7:06 pm

Tgt Ion:105 Resp: 24908

Ion	Ratio	Lower	Upper
105	100		
77	138.1	68.0	108.0#
122	166.3	43.0	83.0#

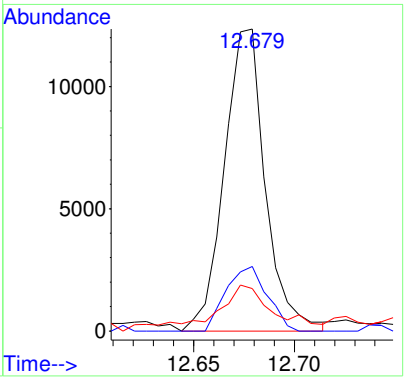




#60
Diethylphthalate
Concen: 2.73 ug/mL
RT: 12.679 min Scan# 1900
Delta R.T. -0.029 min
Lab File: S5032918.D
Acq: 29 Mar 11 7:06 pm

Tgt Ion:149 Resp: 17477

Ion	Ratio	Lower	Upper
149	100		
177	21.4	4.5	44.5
150	11.8	0.0	31.9



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-14

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\APR\APR0111\S5040108.D Vial: 7
Acq On : 1 Apr 2011 6:27 pm Operator: RCS
Sample : 11C1255-14 Inst : MSD5
Misc : 1,SEVERSTAL,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Apr 03 17:05:35 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

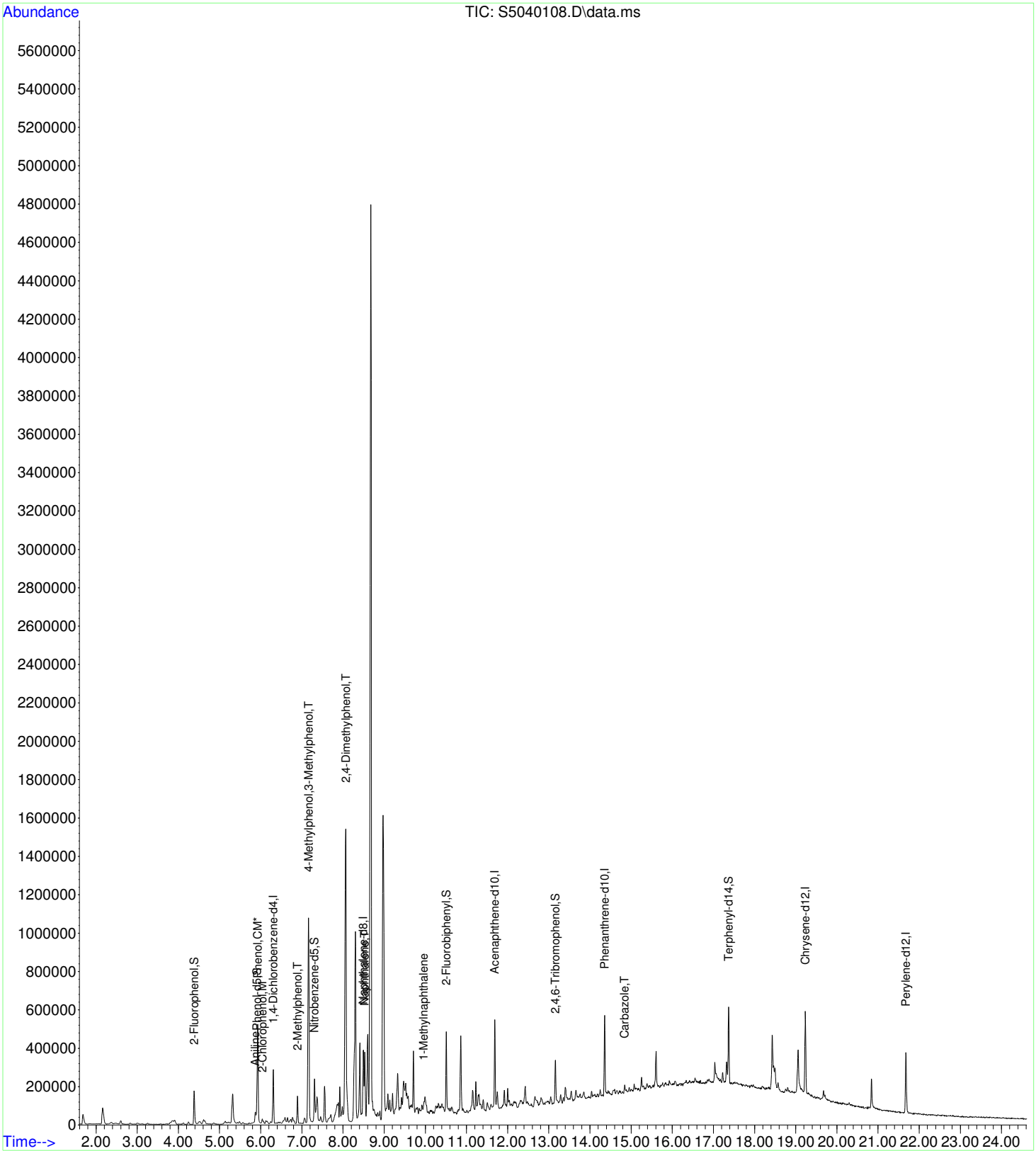
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.307	152	62704	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.491	136	238439	40.00	ug/mL	-0.02
37) Acenaphthene-d10	11.687	164	151216	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.358	188	241376	40.00	ug/mL	-0.02
75) Chrysene-d12	19.233	240	244289	40.00	ug/mL	-0.03
86) Perylene-d12	21.677	264	194717	40.00	ug/mL	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.382	112	78563	35.01	ug/mL	-0.02
Spiked Amount 75.000	Range 10 - 83		Recovery = 46.68%			
8) Phenol-d5	5.910	99	77741	24.76	ug/mL	-0.02
Spiked Amount 75.000	Range 13 - 62		Recovery = 33.01%			
21) Nitrobenzene-d5	7.304	82	103510	35.31	ug/mL	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 70.62%			
41) 2-Fluorobiphenyl	10.509	172	179298	34.14	ug/mL	-0.02
Spiked Amount 50.000	Range 35 - 138		Recovery = 68.28%			
66) 2,4,6-Tribromophenol	13.163	330	28933	52.31	ug/mL	-0.02
Spiked Amount 75.000	Range 24 - 142		Recovery = 69.75%			
78) Terphenyl-d14	17.367	244	167741	33.33	ug/mL	-0.03
Spiked Amount 50.000	Range 24 - 129		Recovery = 66.66%			
Target Compounds						Qvalue
6) Aniline	5.869	93	44052	11.35	ug/mL	99
9) Phenol	5.927	94	282843	91.97	ug/mL	98
10) 2-Chlorophenol	6.038	128	8299	3.92	ug/mL	96
16) 2-Methylphenol	6.896	108	41052	19.08	ug/mL	97
19) 4-Methylphenol,3-Methy...	7.164	108	436093	191.86	ug/mL	98
25) 2,4-Dimethylphenol	8.072	107	656046	272.57	ug/mL	97
29) Naphthalene	8.526	128	210255	33.96	ug/mL	99
36) 1-Methylnaphthalene	9.955	142	12016	3.02	ug/mL	85
72) Carbazole	14.842	167	29848	4.71	ug/mL	94

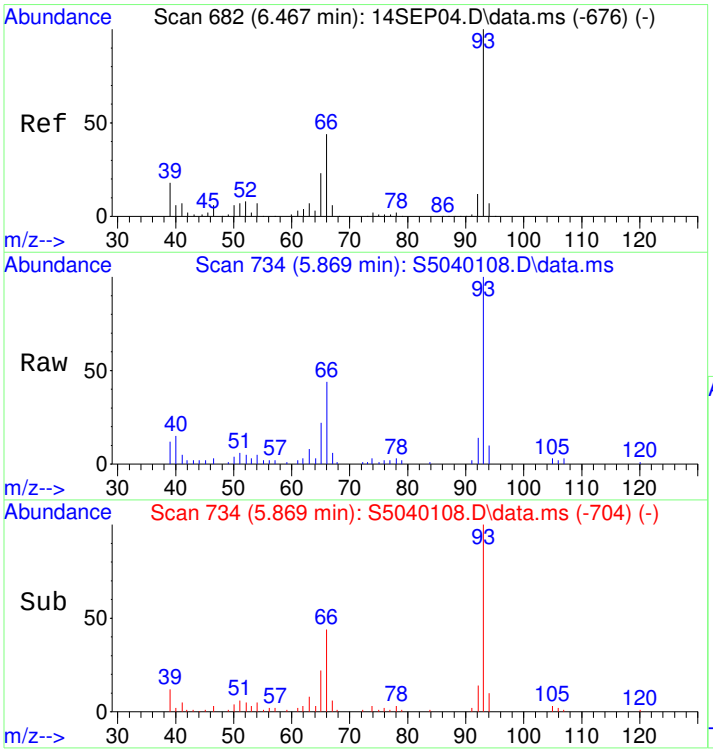
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\APR\APR0111\S5040108.D Vial: 7
Acq On : 1 Apr 2011 6:27 pm Operator: RCS
Sample : 11C1255-14 Inst : MSD5
Misc : 1,SEVERSTAL,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Apr 03 17:05:35 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

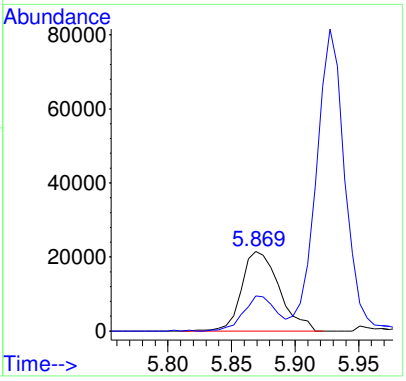


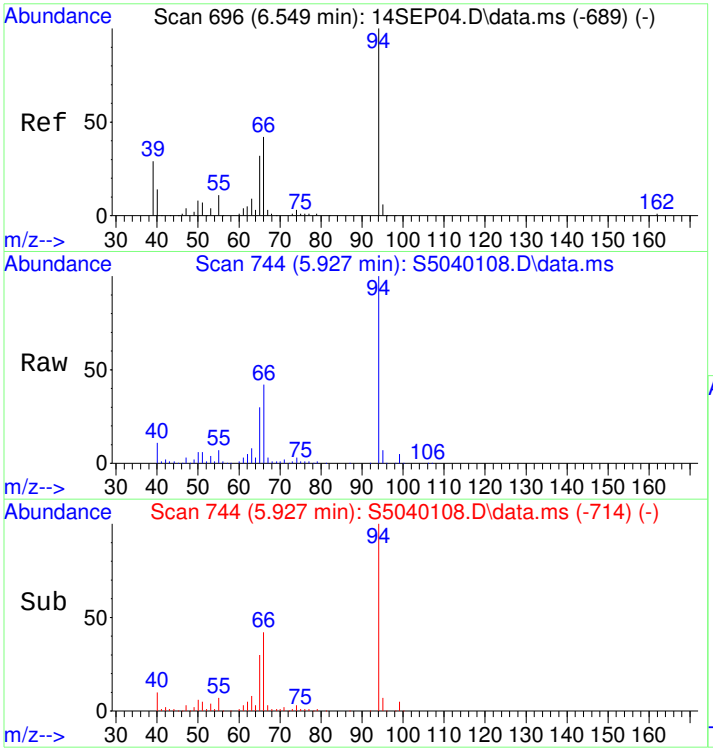


#6
Aniline
Concen: 11.35 ug/mL
RT: 5.869 min Scan# 734
Delta R.T. -0.023 min
Lab File: S5040108.D
Acq: 1 Apr 11 6:27 pm

Tgt Ion: 93 Resp: 44052

Ion	Ratio	Lower	Upper
93	100		
66	44.1	23.5	63.5

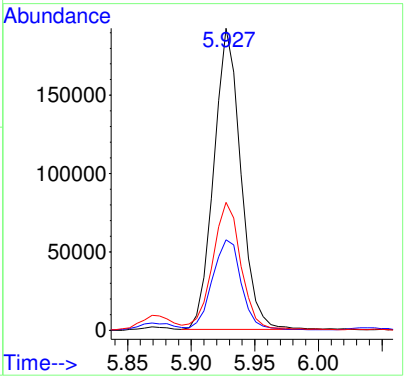


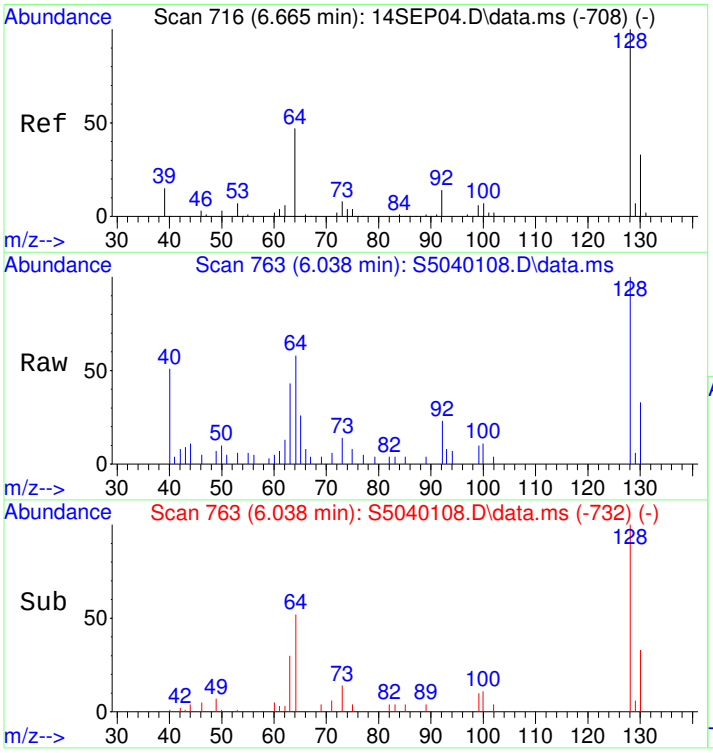


#9
Phenol
Concen: 91.97 ug/mL
RT: 5.927 min Scan# 744
Delta R.T. -0.023 min
Lab File: S5040108.D
Acq: 1 Apr 11 6:27 pm

Tgt Ion: 94 Resp: 282843

Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	42.2	22.9	62.9

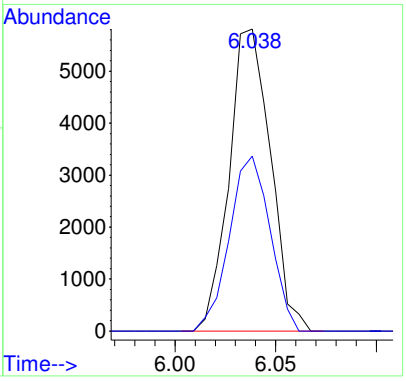


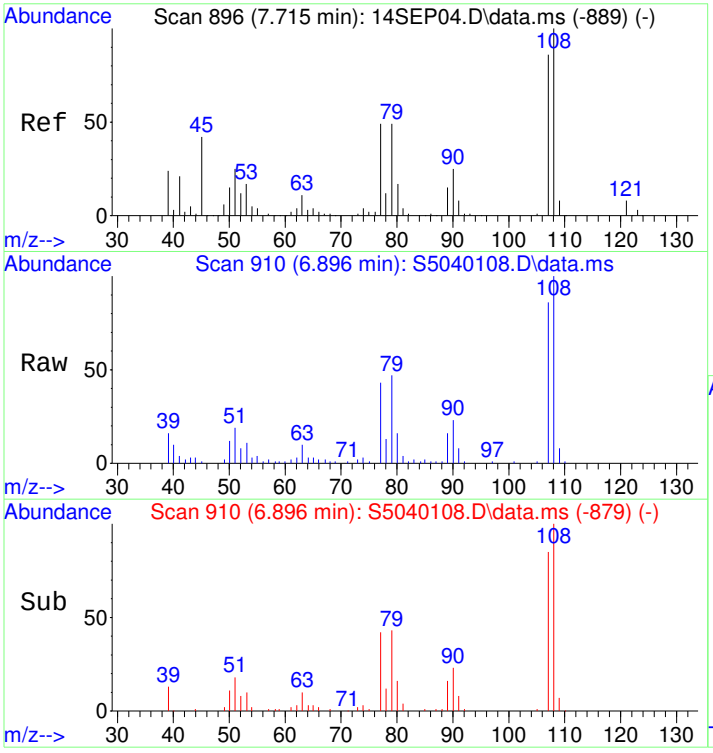


#10
2-Chlorophenol
Concen: 3.92 ug/mL
RT: 6.038 min Scan# 763
Delta R.T. -0.018 min
Lab File: S5040108.D
Acq: 1 Apr 11 6:27 pm

Tgt Ion:128 Resp: 8299

Ion	Ratio	Lower	Upper
128	100		
64	58.0	40.8	80.8

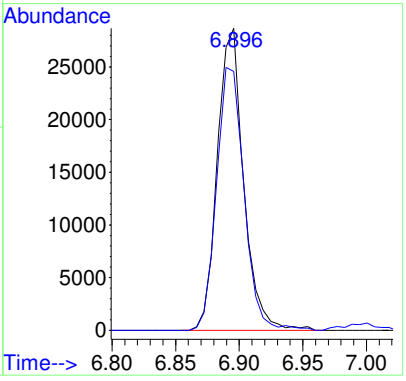


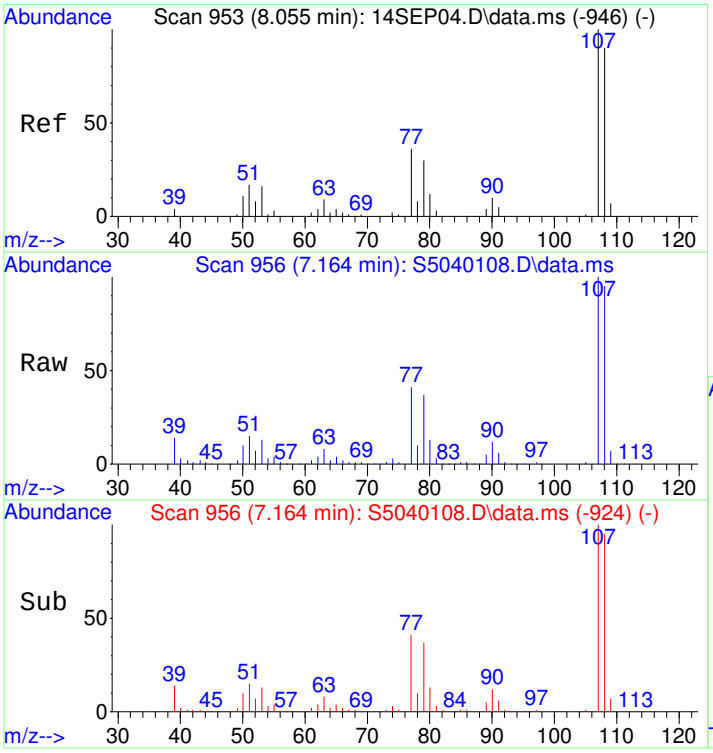


#16
2-Methylphenol
Concen: 19.08 ug/mL
RT: 6.896 min Scan# 910
Delta R.T. -0.018 min
Lab File: S5040108.D
Acq: 1 Apr 11 6:27 pm

Tgt Ion:108 Resp: 41052

Ion	Ratio	Lower	Upper
108	100		
107	85.7	62.9	102.9

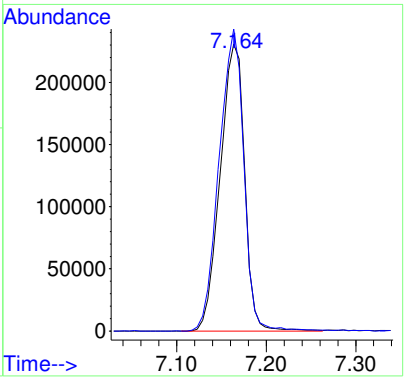


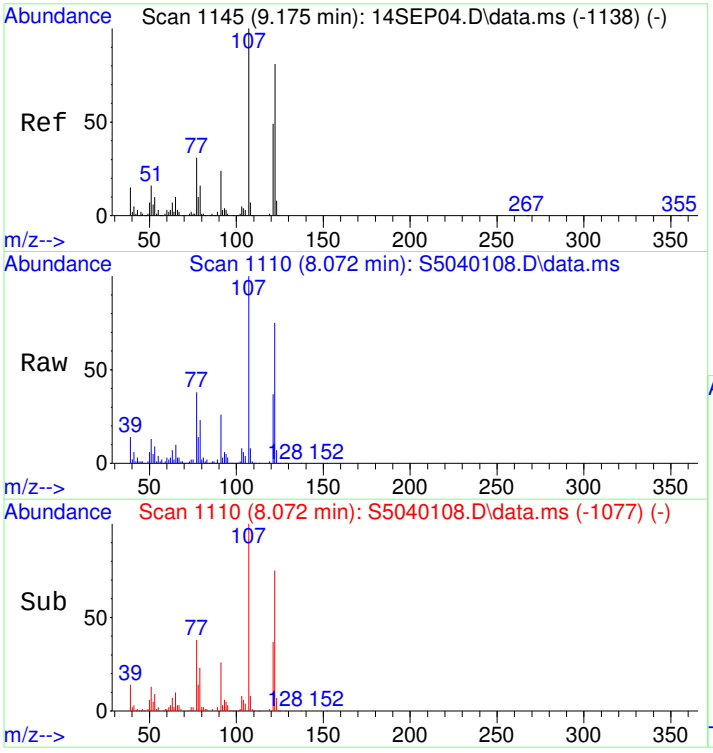


#19
4-Methylphenol,3-Methylphenol
Concen: 191.86 ug/mL
RT: 7.164 min Scan# 956
Delta R.T. -0.012 min
Lab File: S5040108.D
Acq: 1 Apr 11 6:27 pm

Tgt Ion:108 Resp: 436093

Ion	Ratio	Lower	Upper
108	100		
107	105.2	83.5	123.5

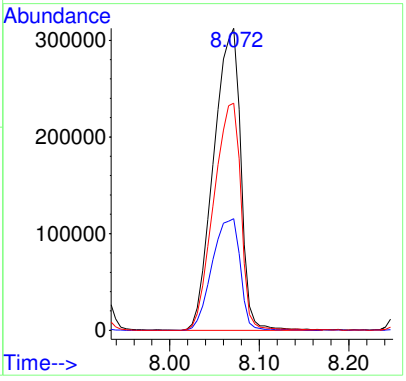


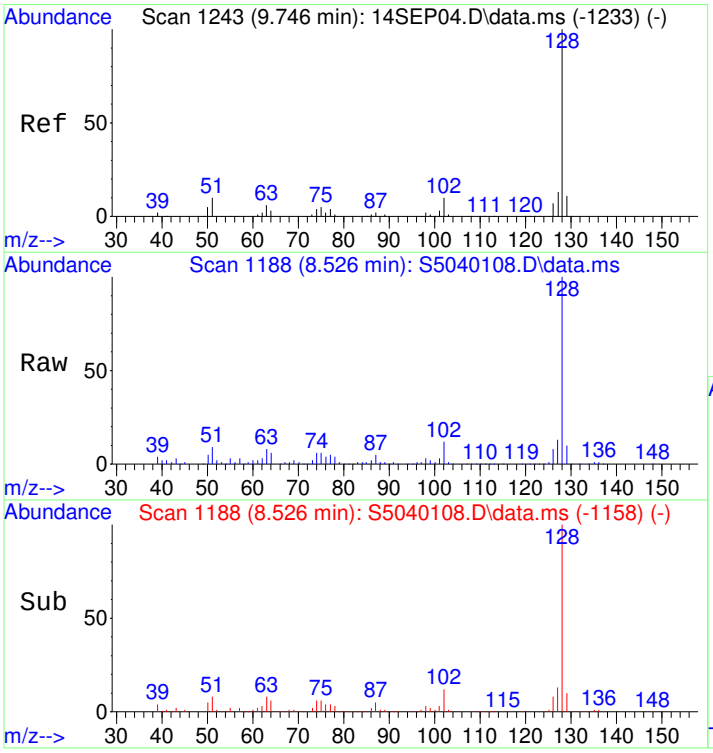


#25
2,4-Dimethylphenol
Concen: 272.57 ug/mL
RT: 8.072 min Scan# 1110
Delta R.T. -0.000 min
Lab File: S5040108.D
Acq: 1 Apr 11 6:27 pm

Tgt Ion:107 Resp: 656046

Ion	Ratio	Lower	Upper
107	100		
121	36.9	20.5	60.5
122	75.2	53.4	93.4

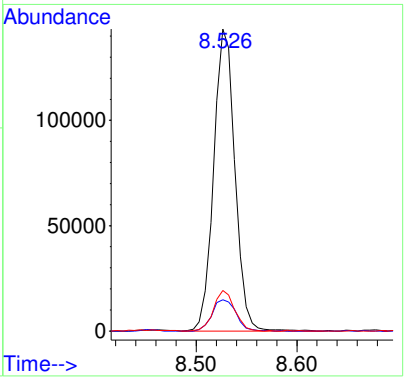


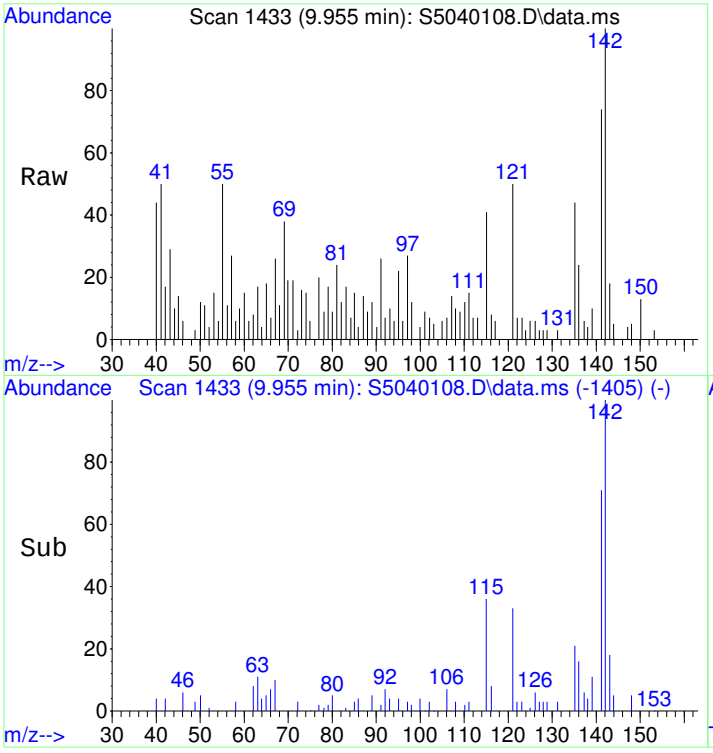


#29
Naphthalene
Concen: 33.96 ug/mL
RT: 8.526 min Scan# 1188
Delta R.T. -0.024 min
Lab File: S5040108.D
Acq: 1 Apr 11 6:27 pm

Tgt Ion:128 Resp: 210255

Ion	Ratio	Lower	Upper
128	100		
129	10.4	0.0	30.6
127	13.4	0.0	32.7

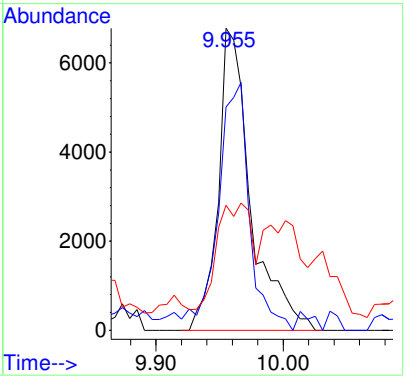


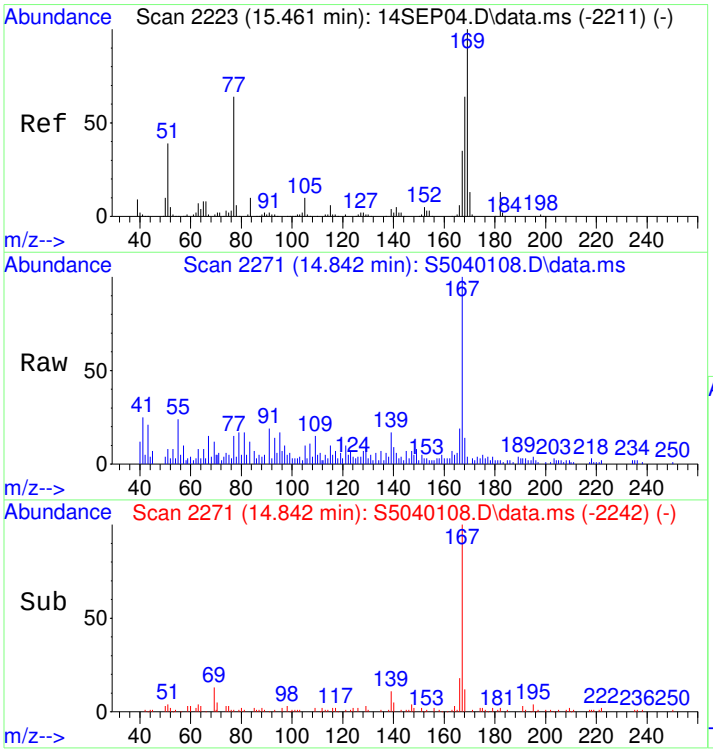


#36
1-Methylnaphthalene
Concen: 3.02 ug/mL
RT: 9.955 min Scan# 1433
Delta R.T. -0.035 min
Lab File: S5040108.D
Acq: 1 Apr 11 6:27 pm

Tgt Ion:142 Resp: 12016

Ion	Ratio	Lower	Upper
142	100		
141	74.0	70.0	110.0
115	33.0	19.4	59.4

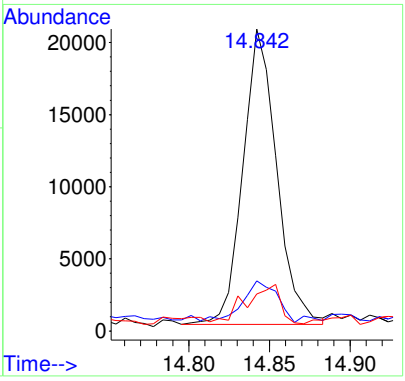




#72
Carbazole
Concen: 4.71 ug/mL
RT: 14.842 min Scan# 2271
Delta R.T. -0.029 min
Lab File: S5040108.D
Acq: 1 Apr 11 6:27 pm

Tgt Ion:167 Resp: 29848

Ion	Ratio	Lower	Upper
167	100		
139	13.4	0.0	31.4
84	8.9	0.0	31.1



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-14RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\APR\APR0311\S5040304.D Vial: 3
Acq On : 3 Apr 2011 6:01 pm Operator: RCS
Sample : 11C1255-14RE1 Inst : MSD5
Misc : 5,SEVERSTAL,200ul/1ml,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Apr 04 06:37:26 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

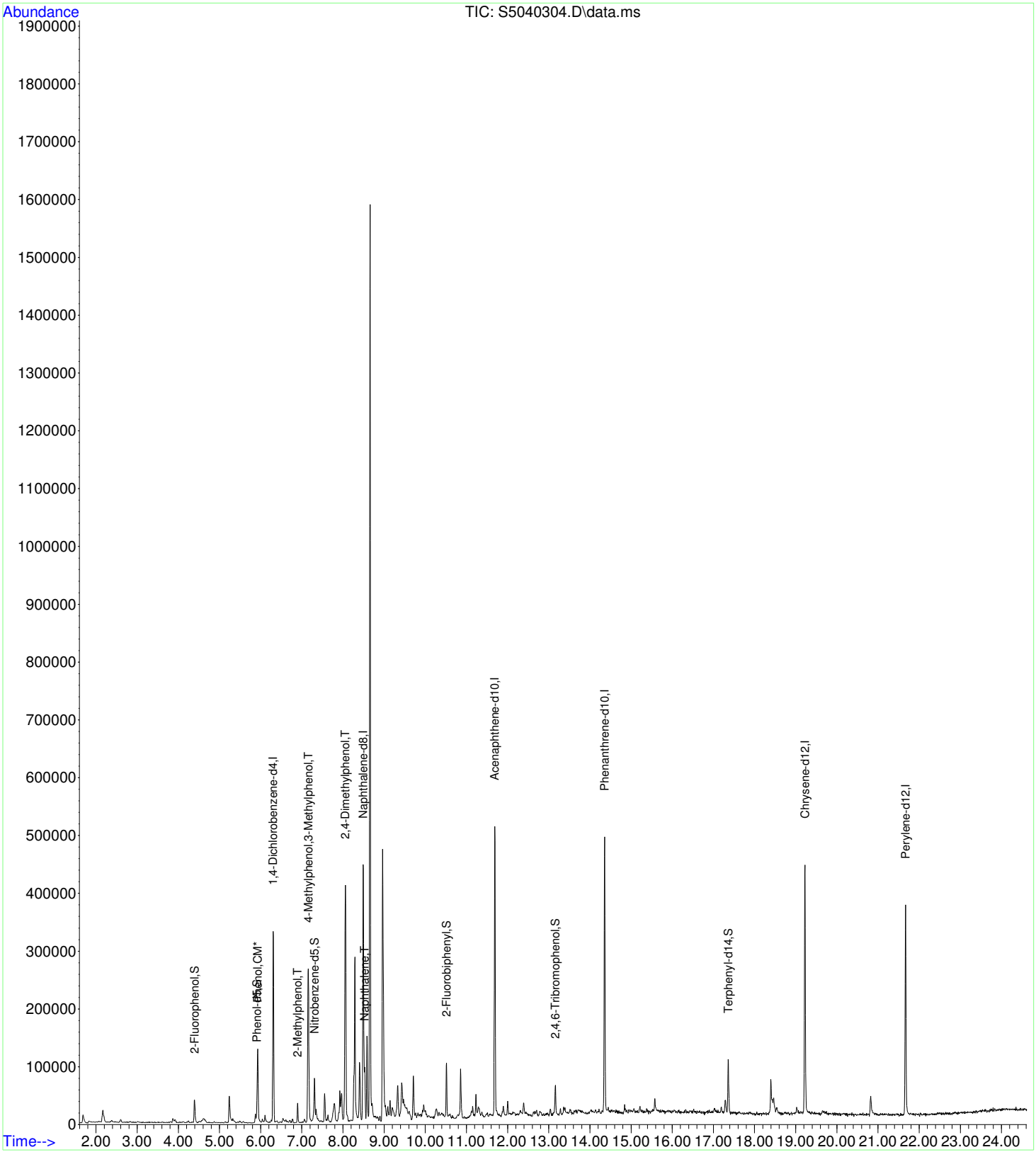
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.302	152	78074	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.492	136	295402	40.00	ug/mL	-0.02
37) Acenaphthene-d10	11.687	164	171724	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.358	188	277253	40.00	ug/mL	-0.02
75) Chrysene-d12	19.228	240	242498	40.00	ug/mL	-0.04
86) Perylene-d12	21.671	264	213470	40.00	ug/mL	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.395	112	19002	6.80	ug/mL	-0.01
Spiked Amount 75.000	Range 10 - 83		Recovery = 9.07%#			
8) Phenol-d5	5.912	99	19788	5.06	ug/mL	-0.02
Spiked Amount 75.000	Range 13 - 62		Recovery = 6.75%#			
21) Nitrobenzene-d5	7.311	82	26922	7.41	ug/mL	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 14.82%#			
41) 2-Fluorobiphenyl	10.515	172	40293	6.76	ug/mL	-0.02
Spiked Amount 50.000	Range 35 - 138		Recovery = 13.52%#			
66) 2,4,6-Tribromophenol	13.163	330	6467	10.18	ug/mL	-0.02
Spiked Amount 75.000	Range 24 - 142		Recovery = 13.57%#			
78) Terphenyl-d14	17.362	244	37406	7.49	ug/mL	-0.04
Spiked Amount 50.000	Range 24 - 129		Recovery = 14.98%#			
Target Compounds						Qvalue
9) Phenol	5.929	94	71405	18.65	ug/mL	96
16) 2-Methylphenol	6.897	108	10004	3.74	ug/mL	89
19) 4-Methylphenol,3-Methy...	7.160	108	113169	39.99	ug/mL	98
25) 2,4-Dimethylphenol	8.060	107	166635	55.88	ug/mL	95
29) Naphthalene	8.526	128	52584	6.86	ug/mL	98

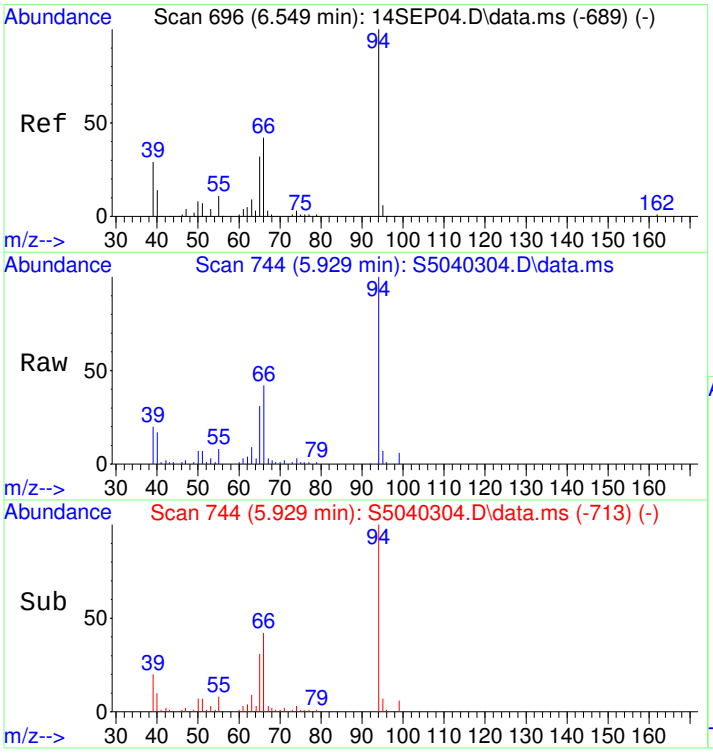
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\APR\APR0311\S5040304.D Vial: 3
Acq On : 3 Apr 2011 6:01 pm Operator: RCS
Sample : 11C1255-14RE1 Inst : MSD5
Misc : 5,SEVERSTAL,200ul/1ml,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Apr 04 06:37:26 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

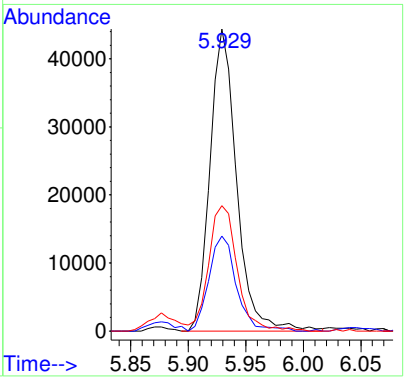


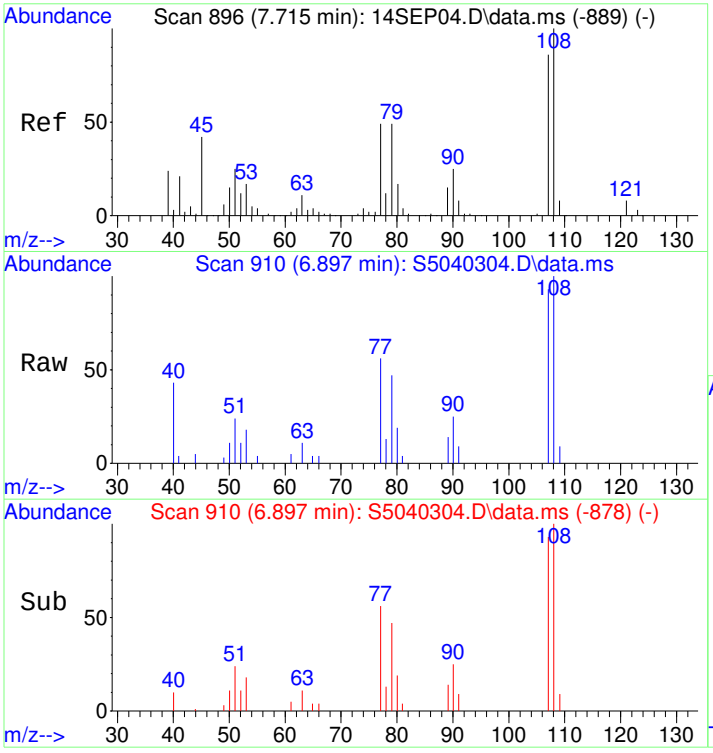


#9
Phenol
Concen: 18.65 ug/mL
RT: 5.929 min Scan# 744
Delta R.T. -0.022 min
Lab File: S5040304.D
Acq: 3 Apr 11 6:01 pm

Tgt Ion: 94 Resp: 71405

Ion	Ratio	Lower	Upper
94	100		
65	31.4	7.9	47.9
66	41.5	22.9	62.9

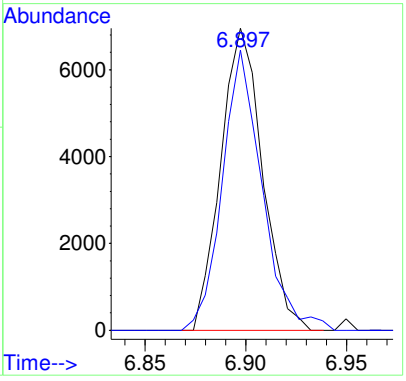


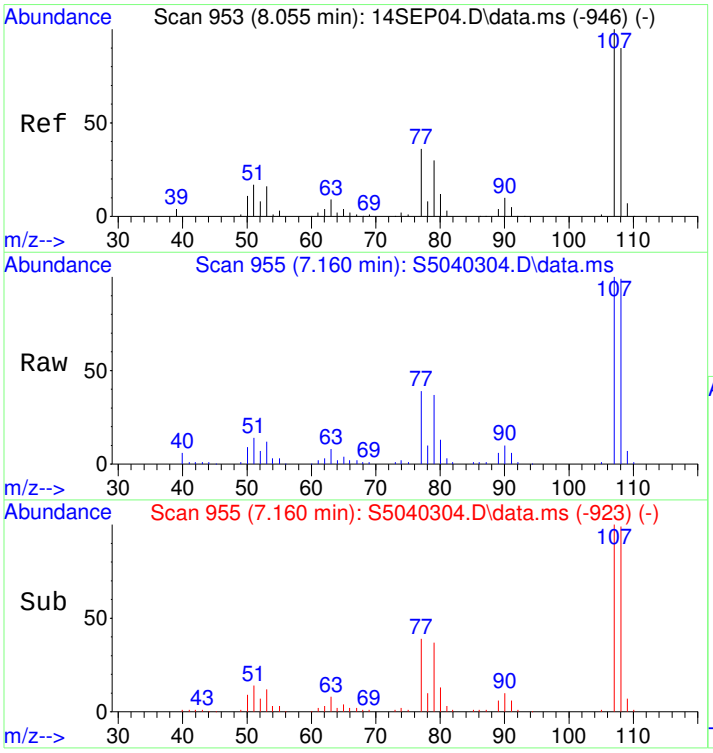


#16
2-Methylphenol
Concen: 3.74 ug/mL
RT: 6.897 min Scan# 910
Delta R.T. -0.016 min
Lab File: S5040304.D
Acq: 3 Apr 11 6:01 pm

Tgt Ion:108 Resp: 10004

Ion	Ratio	Lower	Upper
108	100		
107	92.8	62.9	102.9

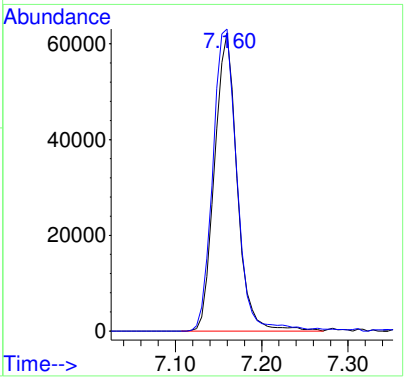


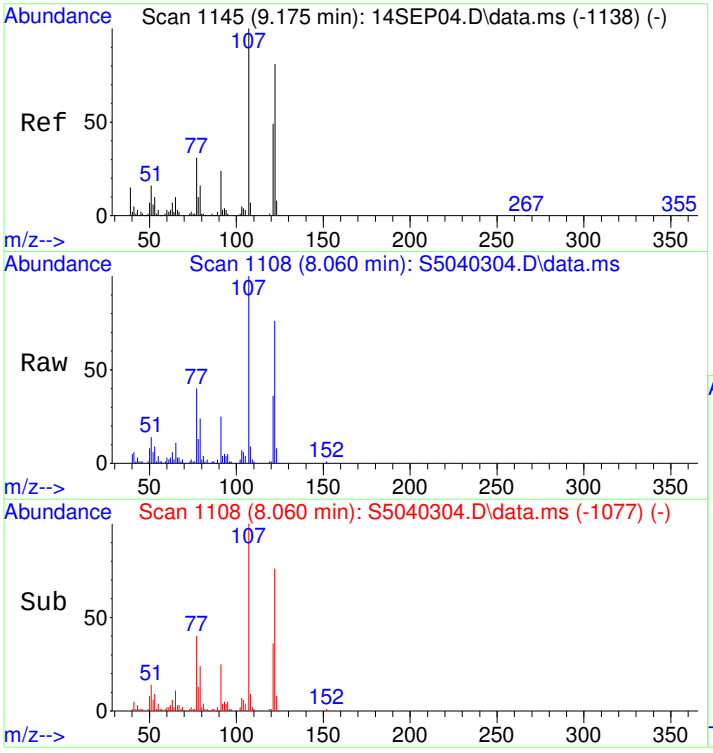


#19
4-Methylphenol,3-Methylphenol
Concen: 39.99 ug/mL
RT: 7.160 min Scan# 955
Delta R.T. -0.016 min
Lab File: S5040304.D
Acq: 3 Apr 11 6:01 pm

Tgt Ion:108 Resp: 113169

Ion	Ratio	Lower	Upper
108	100		
107	101.4	83.5	123.5

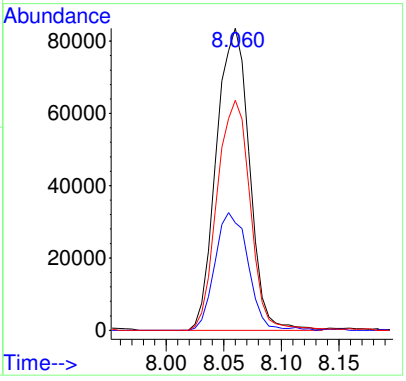


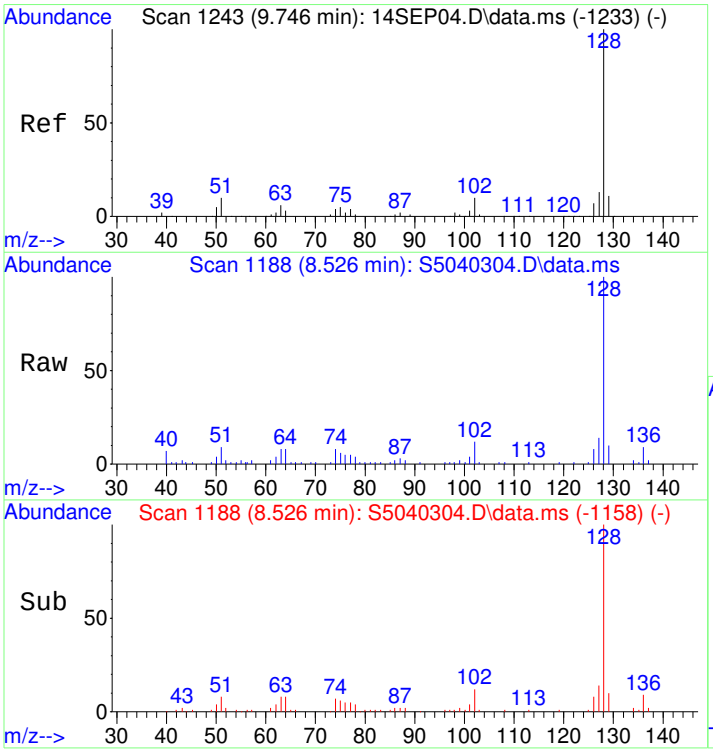


#25
2,4-Dimethylphenol
Concen: 55.88 ug/mL
RT: 8.060 min Scan# 1108
Delta R.T. -0.012 min
Lab File: S5040304.D
Acq: 3 Apr 11 6:01 pm

Tgt Ion:107 Resp: 166635

Ion	Ratio	Lower	Upper
107	100		
121	35.6	20.5	60.5
122	76.1	53.4	93.4

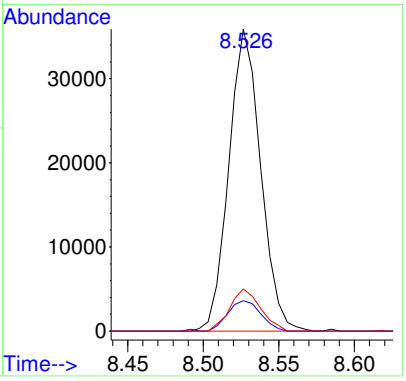




#29
Naphthalene
Concen: 6.86 ug/mL
RT: 8.526 min Scan# 1188
Delta R.T. -0.024 min
Lab File: S5040304.D
Acq: 3 Apr 11 6:01 pm

Tgt Ion:128 Resp: 52584

Ion	Ratio	Lower	Upper
128	100		
129	10.0	0.0	30.6
127	13.9	0.0	32.7



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-15

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\APR\APR0111\S5040107.D Vial: 6
Acq On : 1 Apr 2011 5:52 pm Operator: RCS
Sample : 11C1255-15 Inst : MSD5
Misc : 1,SEVERSTAL,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Apr 03 17:04:04 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

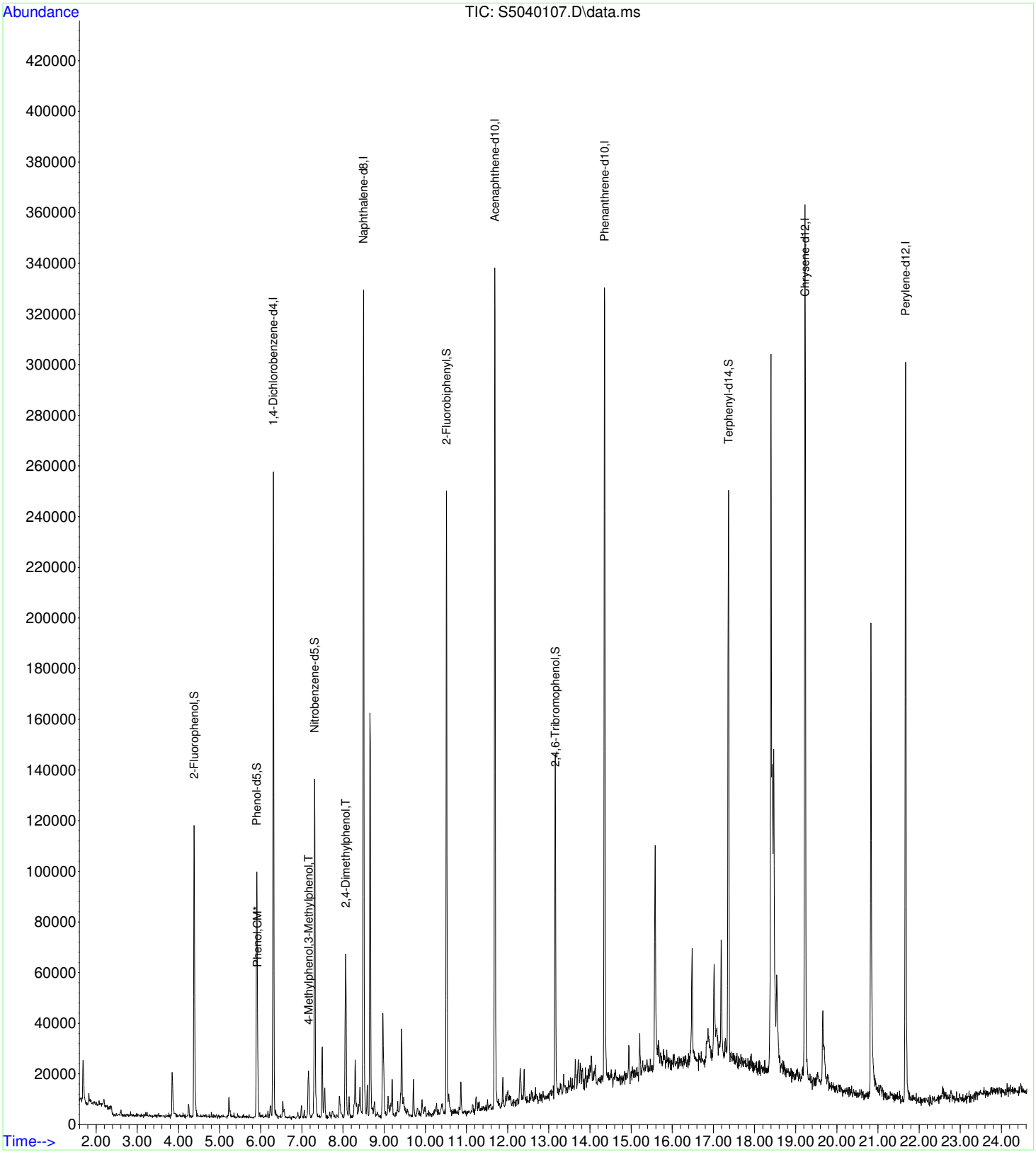
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.305	152	58398	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.498	136	212939	40.00	ug/mL	-0.02
37) Acenaphthene-d10	11.688	164	119174	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.353	188	193708	40.00	ug/mL	-0.03
75) Chrysene-d12	19.228	240	196371	40.00	ug/mL	-0.03
86) Perylene-d12	21.672	264	174839	40.00	ug/mL	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.381	112	52353	25.05	ug/mL	-0.02
Spiked Amount 75.000	Range 10 - 83		Recovery = 33.40%			
8) Phenol-d5	5.903	99	52141	17.83	ug/mL	-0.03
Spiked Amount 75.000	Range 13 - 62		Recovery = 23.77%			
21) Nitrobenzene-d5	7.308	82	71656	27.37	ug/mL	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 54.74%			
41) 2-Fluorobiphenyl	10.516	172	112603	27.21	ug/mL	-0.02
Spiked Amount 50.000	Range 35 - 138		Recovery = 54.42%			
66) 2,4,6-Tribromophenol	13.163	330	19525	43.99	ug/mL	-0.02
Spiked Amount 75.000	Range 24 - 142		Recovery = 58.65%			
78) Terphenyl-d14	17.368	244	94109	23.26	ug/mL	-0.03
Spiked Amount 50.000	Range 24 - 129		Recovery = 46.52%			
Target Compounds						Qvalue
9) Phenol	5.920	94	9566	3.34	ug/mL	89
19) 4-Methylphenol,3-Methy...	7.163	108	7546	3.56	ug/mL	100
25) 2,4-Dimethylphenol	8.066	107	24676	11.48	ug/mL	93

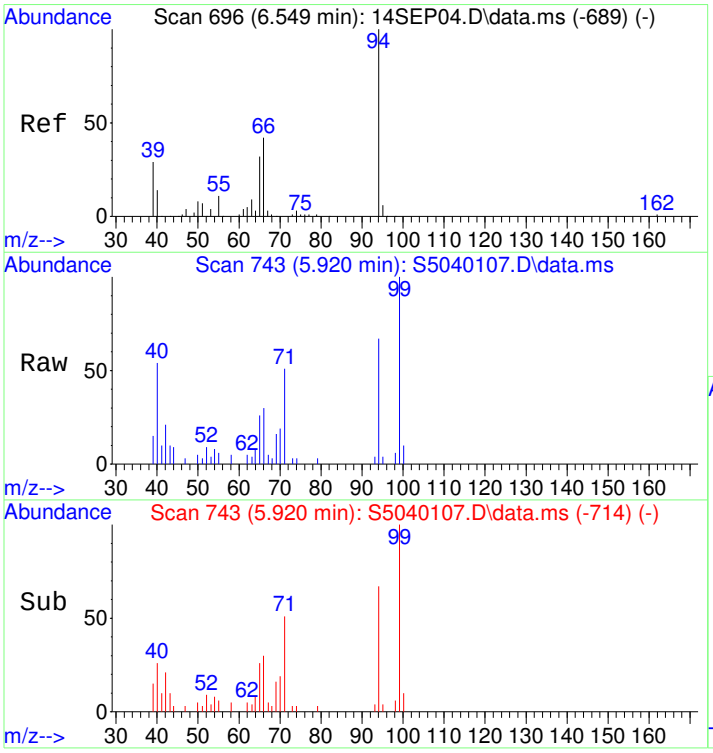
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\APR\APR0111\S5040107.D Vial: 6
Acq On : 1 Apr 2011 5:52 pm Operator: RCS
Sample : 11C1255-15 Inst : MSD5
Misc : 1,SEVERSTAL,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Apr 03 17:04:04 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

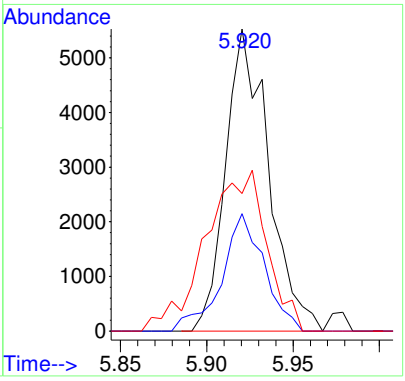


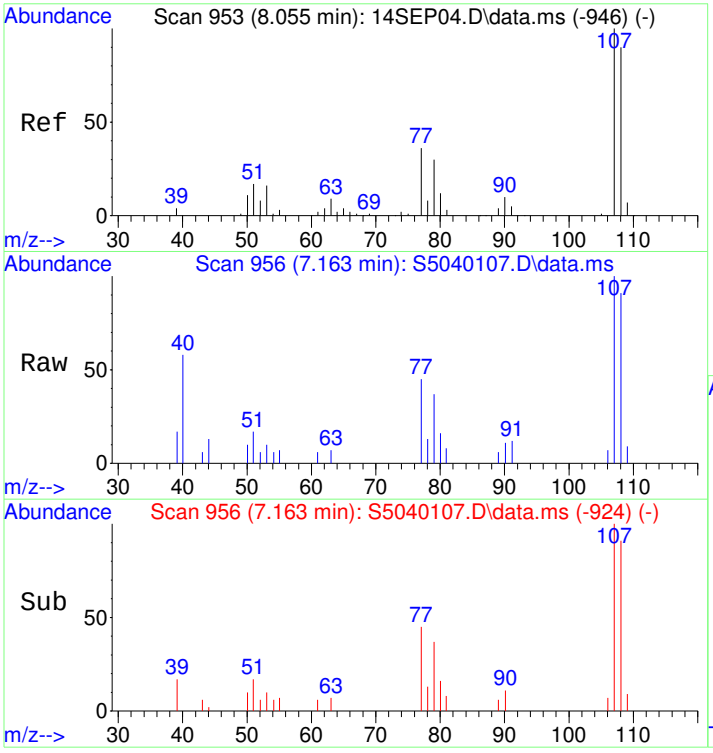


#9
Phenol
Concen: 3.34 ug/mL
RT: 5.920 min Scan# 743
Delta R.T. -0.030 min
Lab File: S5040107.D
Acq: 1 Apr 11 5:52 pm

Tgt Ion: 94 Resp: 9566

Ion	Ratio	Lower	Upper
94	100		
65	38.8	7.9	47.9
66	45.6	22.9	62.9

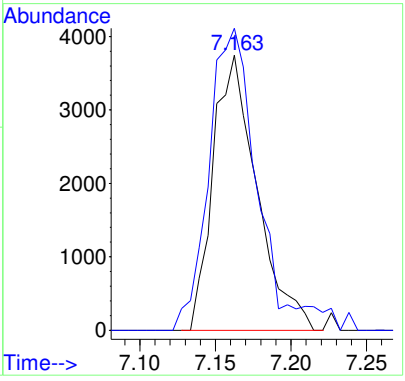


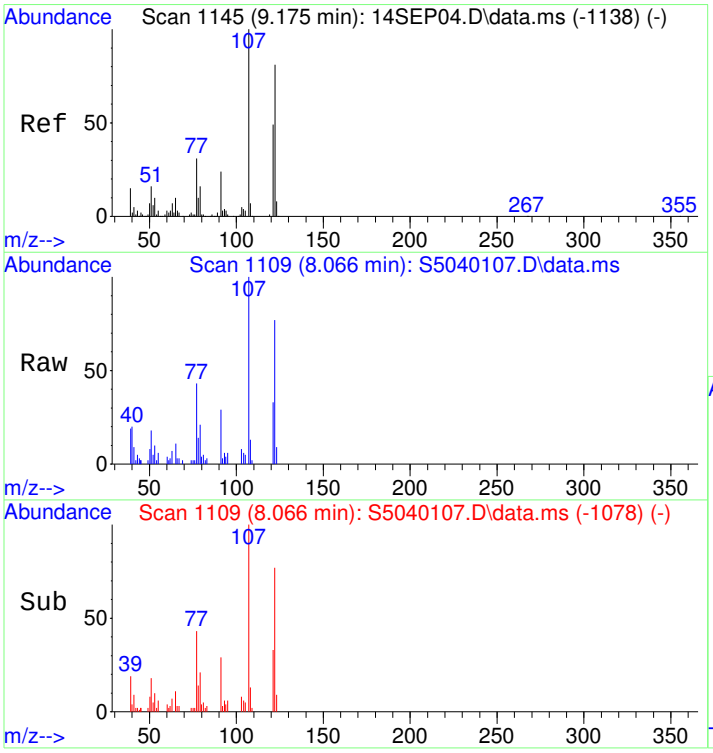


#19
4-Methylphenol,3-Methylphenol
Concen: 3.56 ug/mL
RT: 7.163 min Scan# 956
Delta R.T. -0.013 min
Lab File: S5040107.D
Acq: 1 Apr 11 5:52 pm

Tgt Ion:108 Resp: 7546

Ion	Ratio	Lower	Upper
108	100		
107	103.3	83.5	123.5

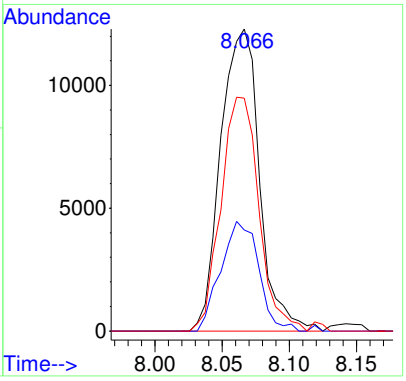




#25
2,4-Dimethylphenol
Concen: 11.48 ug/mL
RT: 8.066 min Scan# 1109
Delta R.T. -0.006 min
Lab File: S5040107.D
Acq: 1 Apr 11 5:52 pm

Tgt Ion:107 Resp: 24676

Ion	Ratio	Lower	Upper
107	100		
121	33.5	20.5	60.5
122	77.1	53.4	93.4



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-16

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032919.D Vial: 18
Acq On : 29 Mar 2011 7:41 pm Operator: RCS
Sample : 11C1255-16 Inst : MSD5
Misc : 1,SEVERSTAL,820ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 30 06:53:10 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.306	152	60277	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.509	136	242509	40.00	ug/mL	0.00
37) Acenaphthene-d10	11.687	164	147090	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.358	188	238678	40.00	ug/mL	-0.02
75) Chrysene-d12	19.233	240	244309	40.00	ug/mL	-0.03
86) Perylene-d12	21.677	264	192423	40.00	ug/mL	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.393	112	58904	27.30	ug/mL	-0.01
Spiked Amount 75.000	Range 10 - 83		Recovery = 36.40%			
8) Phenol-d5	5.909	99	59605	19.75	ug/mL	-0.02
Spiked Amount 75.000	Range 13 - 62		Recovery = 26.33%			
21) Nitrobenzene-d5	7.309	82	71133	23.86	ug/mL	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 47.72%			
41) 2-Fluorobiphenyl	10.509	172	125139	24.50	ug/mL	-0.02
Spiked Amount 50.000	Range 35 - 138		Recovery = 49.00%			
66) 2,4,6-Tribromophenol	13.157	330	21399	39.12	ug/mL	-0.02
Spiked Amount 75.000	Range 24 - 142		Recovery = 52.16%			
78) Terphenyl-d14	17.367	244	121340	24.11	ug/mL	-0.03
Spiked Amount 50.000	Range 24 - 129		Recovery = 48.22%			
Target Compounds						Qvalue
3) Pyridine	2.235	79	123022m3	42.32	ug/mL	
6) Aniline	5.868	93	87185	23.37	ug/mL	99
7) bis(2-Chloroethyl)ether	5.868	93	87185	35.16	ug/mL#	25
9) Phenol	5.938	94	652221	220.61	ug/mL	97
16) 2-Methylphenol	6.901	108	422488	204.31	ug/mL	96
19) 4-Methylphenol,3-Methy...	7.181	108	951083	435.29	ug/mL	95
25) 2,4-Dimethylphenol	8.077	107	957382	391.09	ug/mL	99
29) Naphthalene	8.573	128	7939242	1260.82	ug/mL	98
35) 2-Methylnaphthalene	9.774	142	133392	33.19	ug/mL	99
36) 1-Methylnaphthalene	9.961	142	122781	30.35	ug/mL	89
45) Acenaphthylene	11.401	152	31075	5.01	ug/mL	98
50) Acenaphthene	11.745	153	11335	2.95	ug/mL	97
51) 3-Nitroaniline	12.877	138	266	2.28	ug/mL#	29
53) Dibenzofuran	12.043	168	16303	2.76	ug/mL	96
58) Fluorene	12.667	166	11989	2.50	ug/mL	93
70) Phenanthrene	14.399	178	9667	1.57	ug/mL	94
71) Anthracene	14.399	178	9509	1.49	ug/mL	93
72) Carbazole	14.848	167	436207	69.68	ug/mL	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032919.D Vial: 18
Acq On : 29 Mar 2011 7:41 pm Operator: RCS
Sample : 11C1255-16 Inst : MSD5
Misc : 1,SEVERSTAL,820ml+1ml,BNAww Multiplr: 1.00

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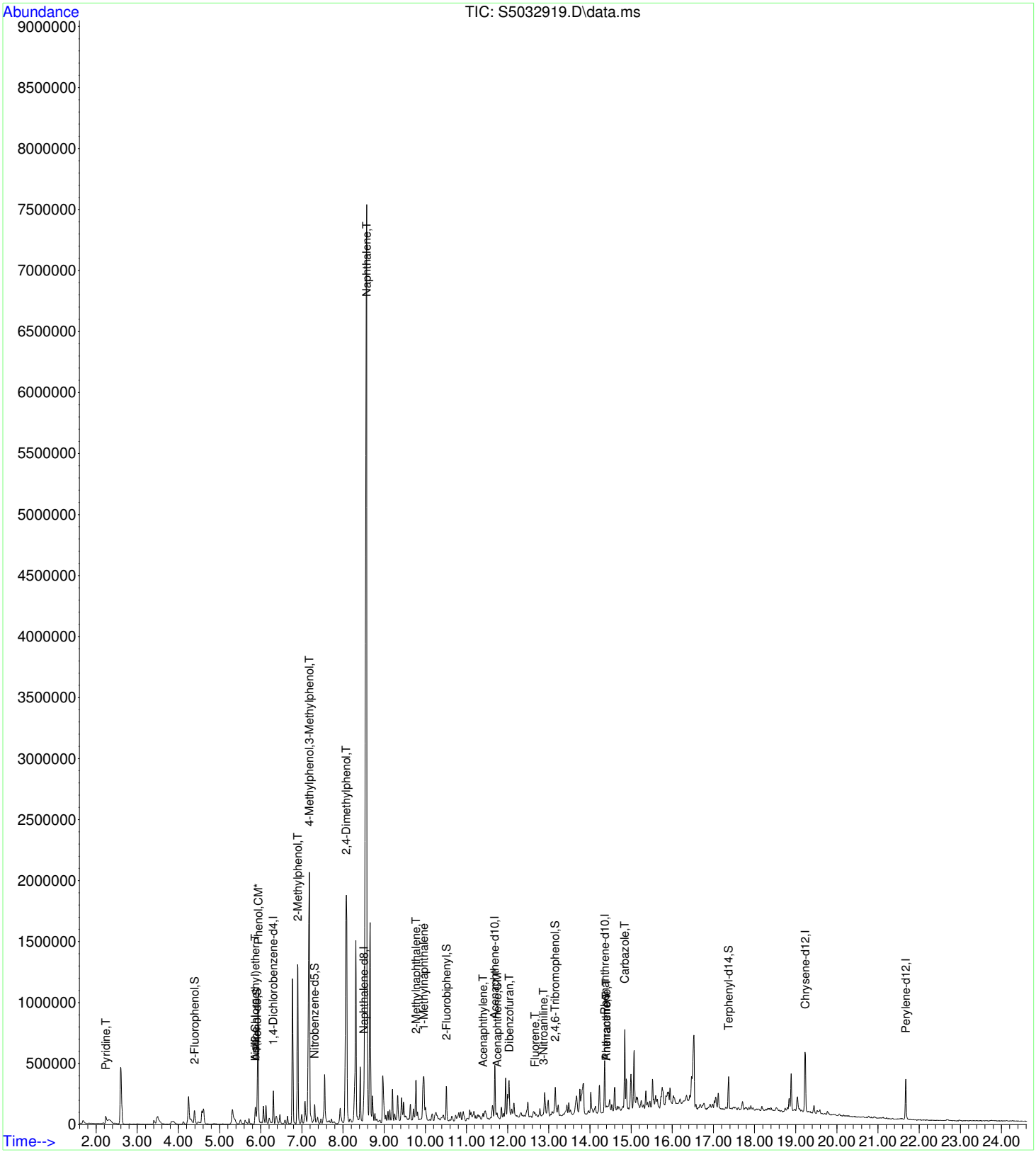
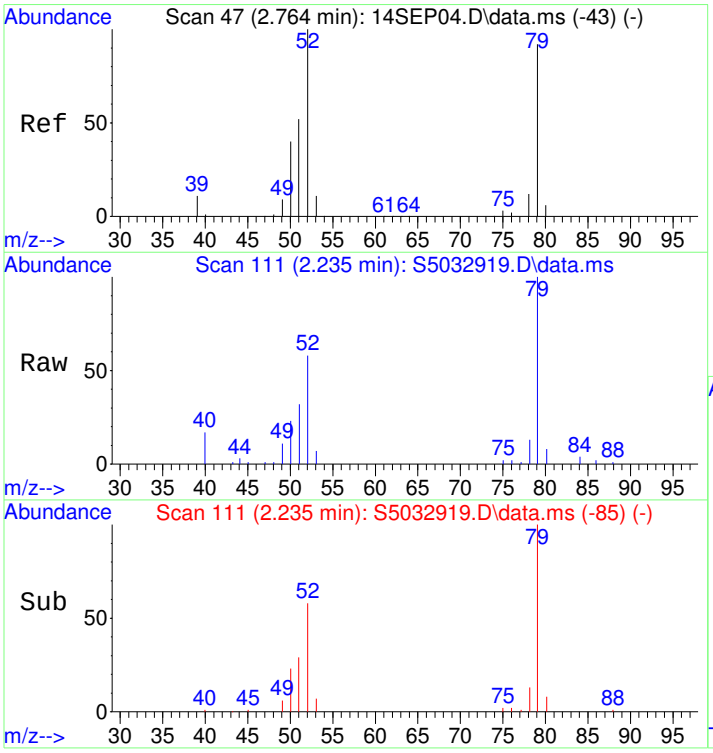
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

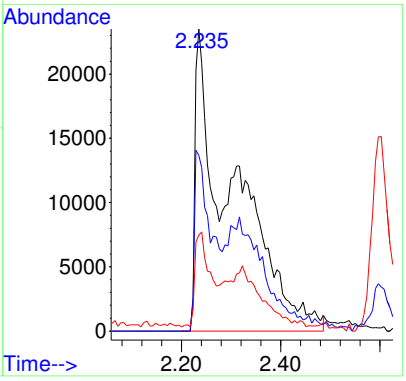


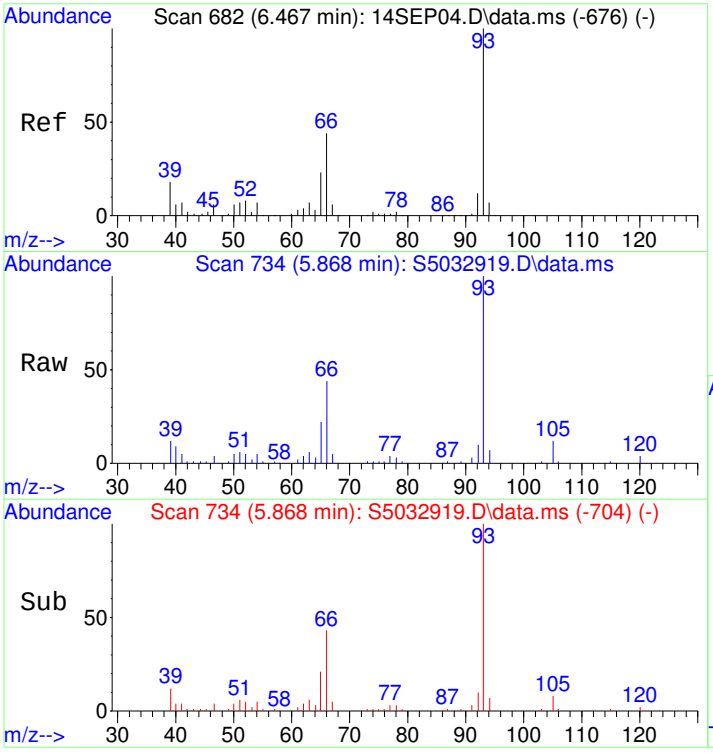


#3
Pyridine
Concen: 42.32 ug/mL m
RT: 2.235 min Scan# 111
Delta R.T. -0.048 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion: 79 Resp: 123022

Ion	Ratio	Lower	Upper
79	100		
52	58.1	38.2	78.2
51	31.8	14.3	54.3

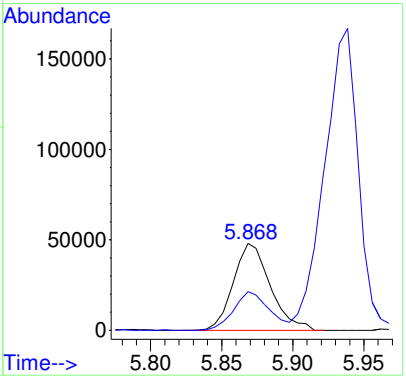


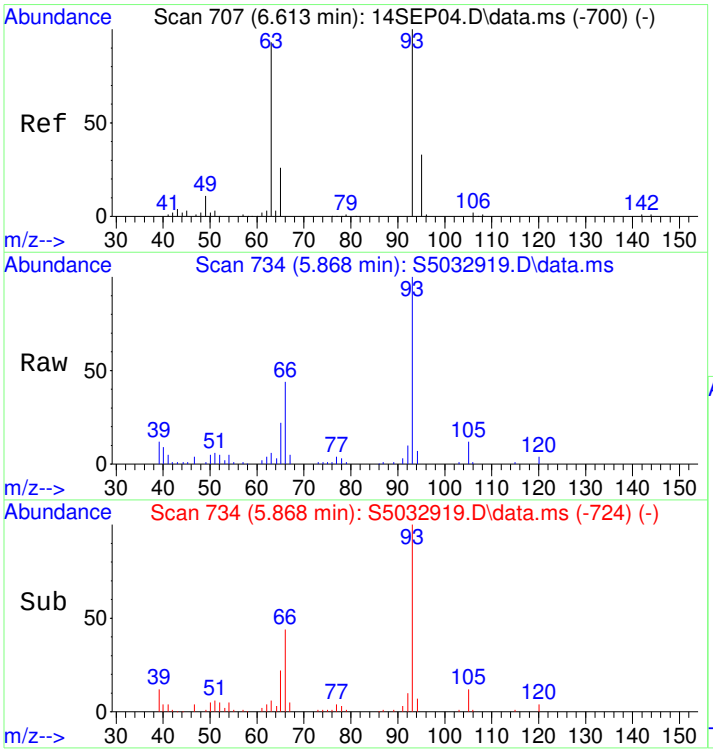


#6
Aniline
Concen: 23.37 ug/mL
RT: 5.868 min Scan# 734
Delta R.T. -0.024 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion: 93 Resp: 87185

Ion	Ratio	Lower	Upper
93	100		
66	44.4	23.5	63.5

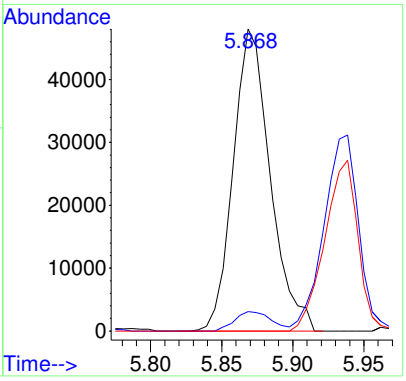


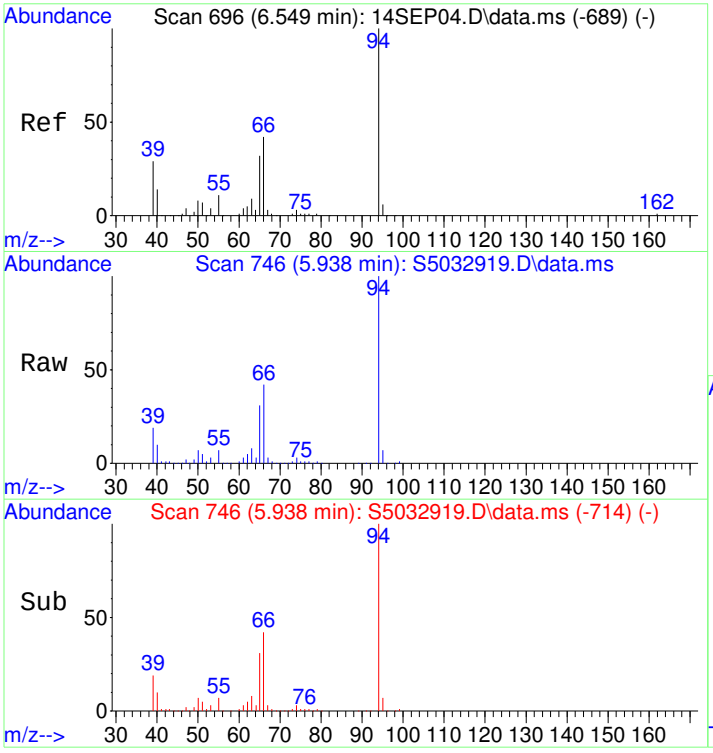


#7
bis(2-Chloroethyl)ether
Concen: 35.16 ug/mL
RT: 5.868 min Scan# 734
Delta R.T. -0.141 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion: 93 Resp: 87185

Ion	Ratio	Lower	Upper
93	100		
63	6.4	58.5	98.5#
95	0.0	13.1	53.1#

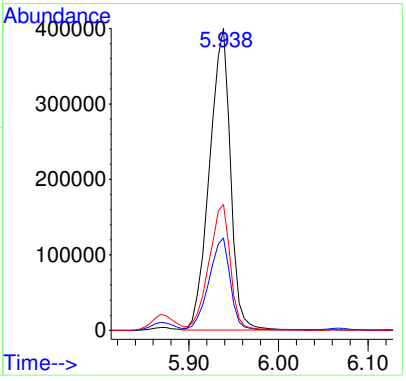


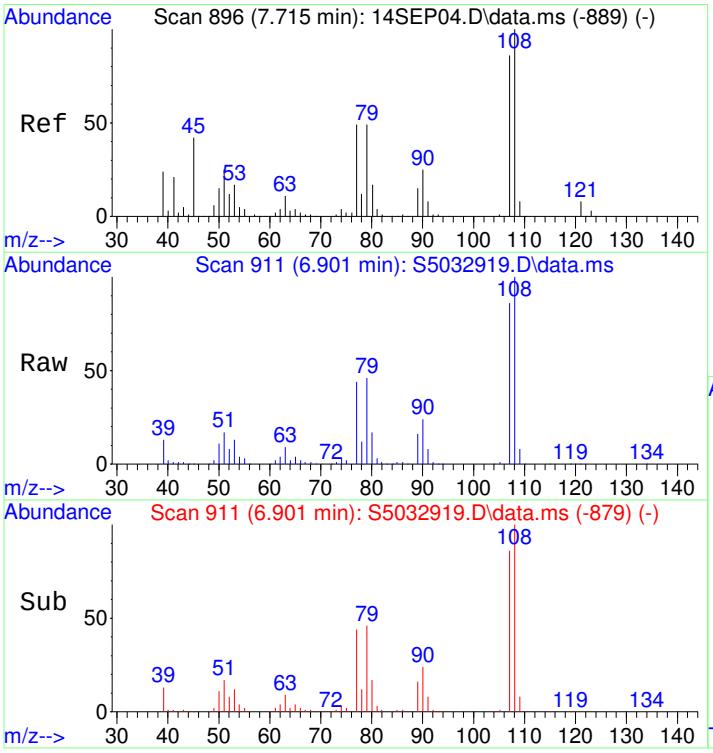


#9
Phenol
Concen: 220.61 ug/mL
RT: 5.938 min Scan# 746
Delta R.T. -0.013 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion: 94 Resp: 652221

Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	41.7	22.9	62.9

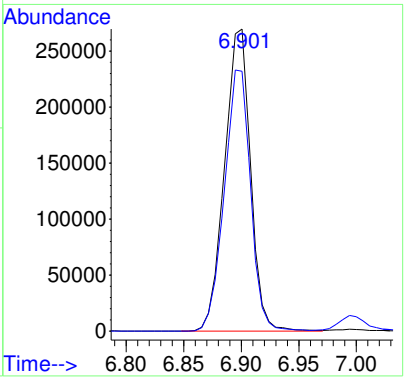


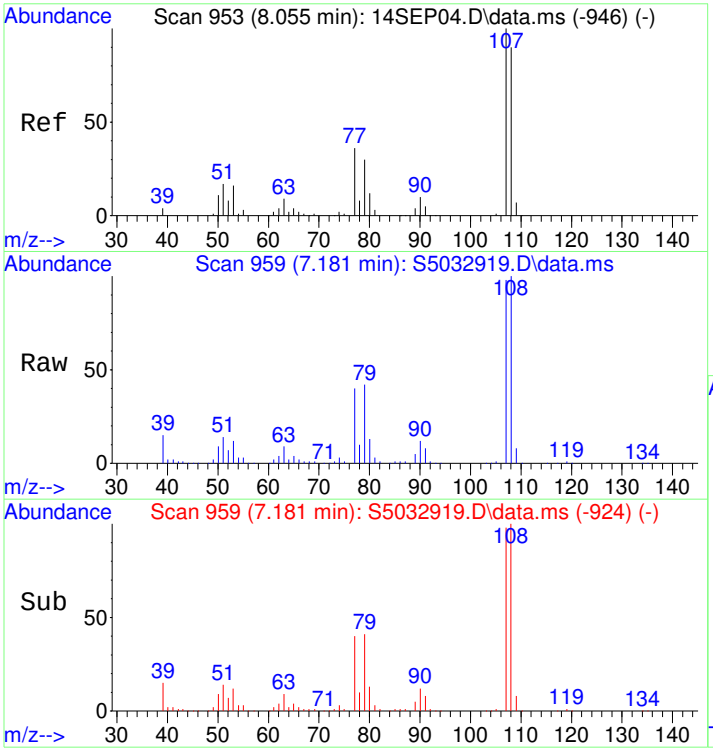


#16
2-Methylphenol
Concen: 204.31 ug/mL
RT: 6.901 min Scan# 911
Delta R.T. -0.013 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:108 Resp: 422488

Ion	Ratio	Lower	Upper
108	100		
107	86.1	62.9	102.9

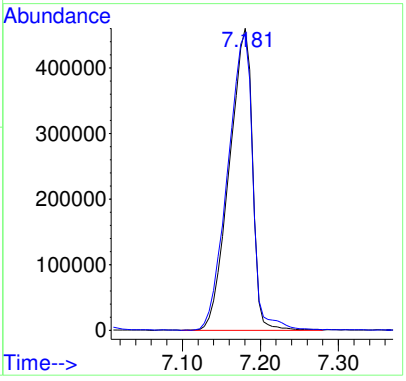


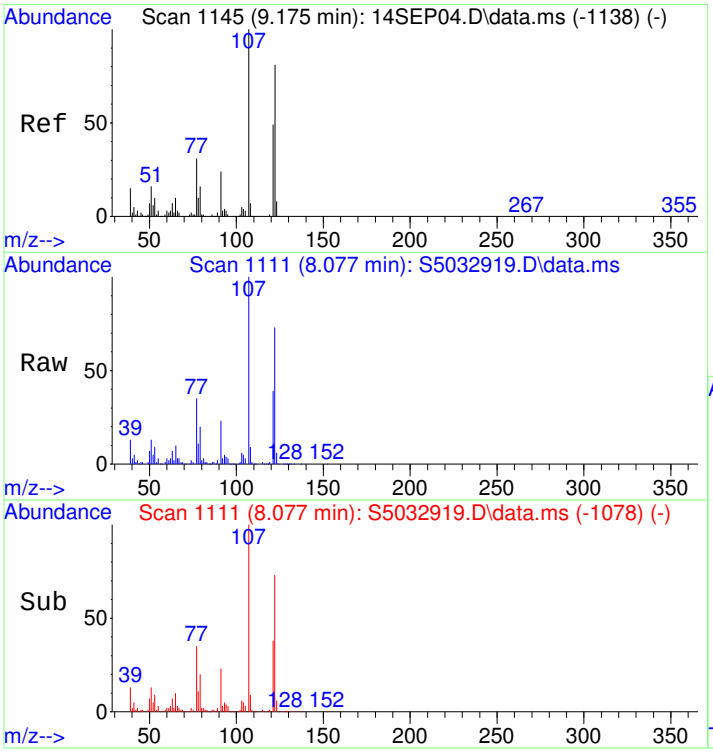


#19
4-Methylphenol,3-Methylphenol
Concen: 435.29 ug/mL
RT: 7.181 min Scan# 959
Delta R.T. 0.005 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:108 Resp: 951083

Ion	Ratio	Lower	Upper
108	100		
107	98.2	83.5	123.5

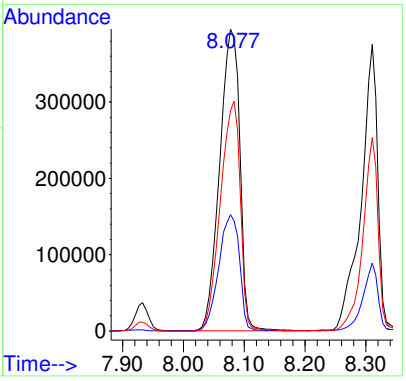


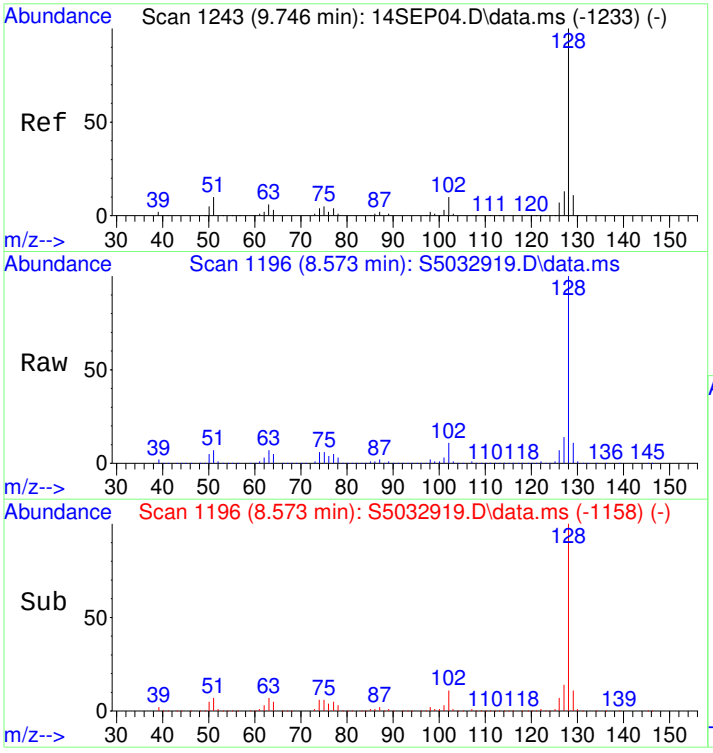


#25
2,4-Dimethylphenol
Concen: 391.09 ug/mL
RT: 8.077 min Scan# 1111
Delta R.T. 0.005 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:107 Resp: 957382

Ion	Ratio	Lower	Upper
107	100		
121	38.5	20.5	60.5
122	73.0	53.4	93.4

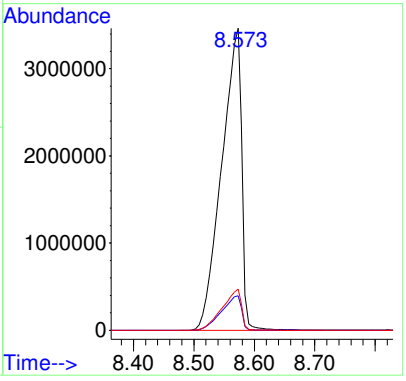


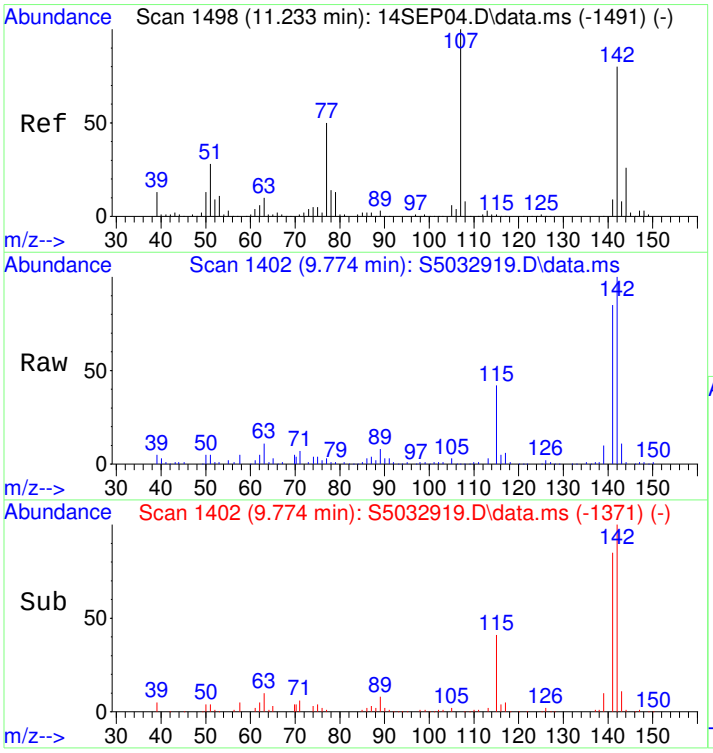


#29
Naphthalene
Concen: 1260.82 ug/mL
RT: 8.573 min Scan# 1196
Delta R.T. 0.023 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:128 Resp: 7939242

Ion	Ratio	Lower	Upper
128	100		
129	11.4	0.0	30.6
127	13.7	0.0	32.7

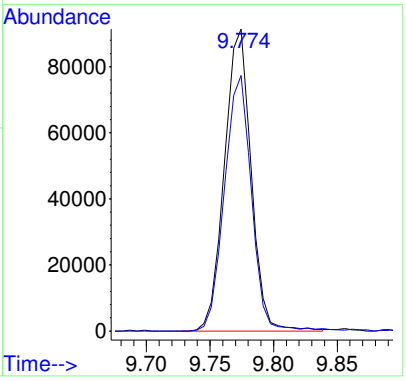


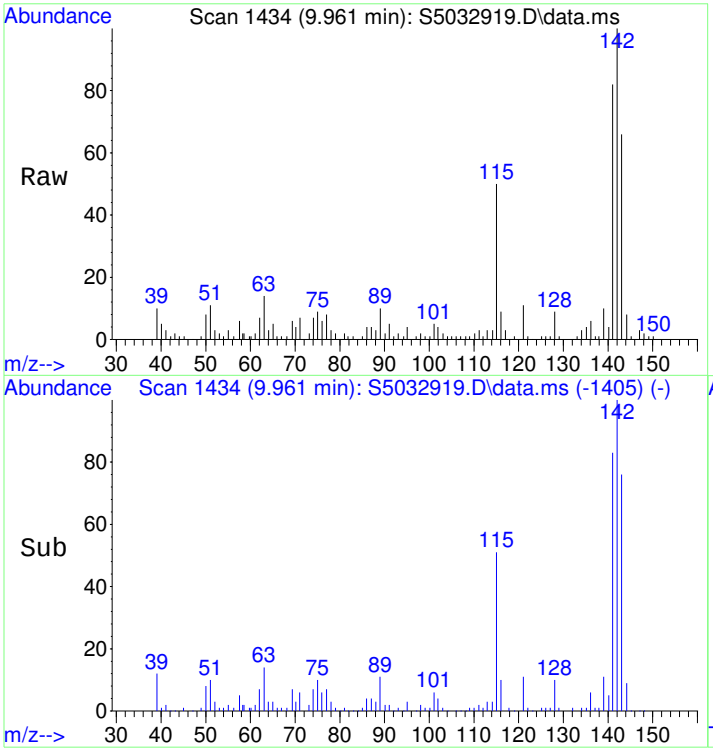


#35
2-Methylnaphthalene
Concen: 33.19 ug/mL
RT: 9.774 min Scan# 1402
Delta R.T. -0.018 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:142 Resp: 133392

Ion	Ratio	Lower	Upper
142	100		
141	84.6	63.5	103.5

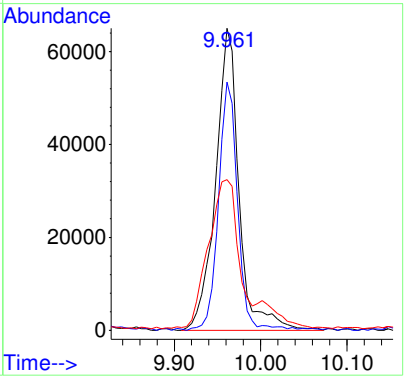


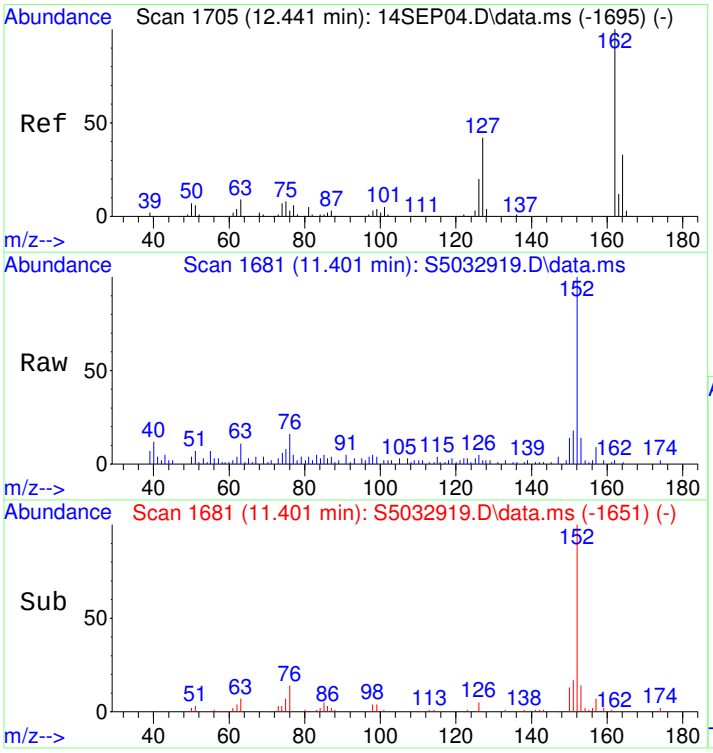


#36
1-Methylnaphthalene
Concen: 30.35 ug/mL
RT: 9.961 min Scan# 1434
Delta R.T. -0.030 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:142 Resp: 122781

Ion	Ratio	Lower	Upper
142	100		
141	81.8	70.0	110.0
115	49.0	19.4	59.4

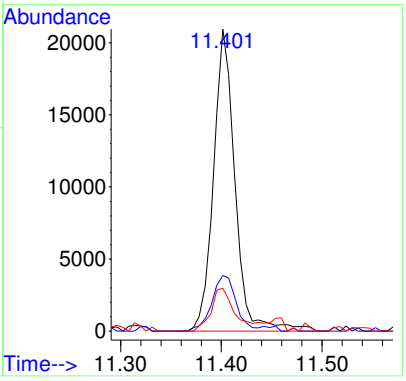


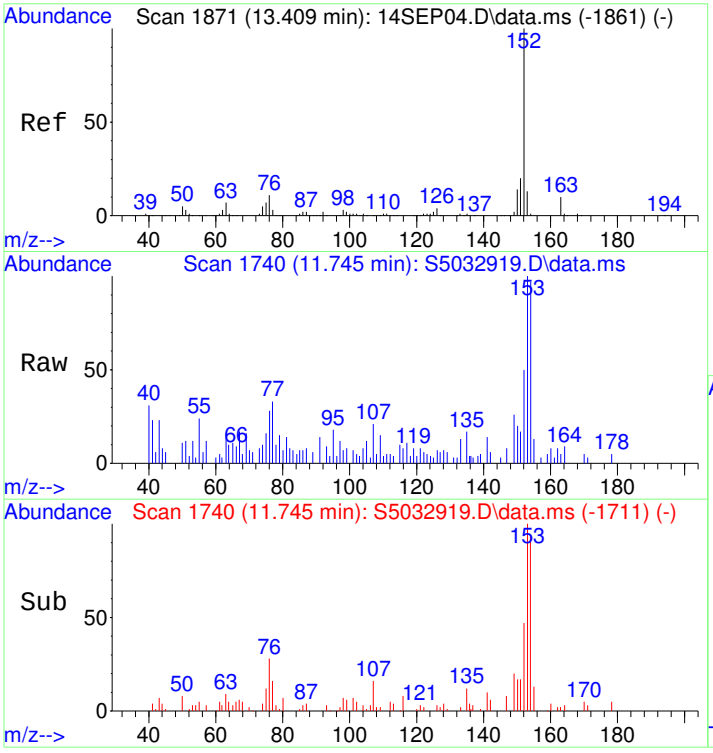


#45
Acenaphthylene
Concen: 5.01 ug/mL
RT: 11.401 min Scan# 1681
Delta R.T. -0.024 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:152 Resp: 31075

Ion	Ratio	Lower	Upper
152	100		
151	18.4	0.0	39.3
153	14.2	0.0	33.3

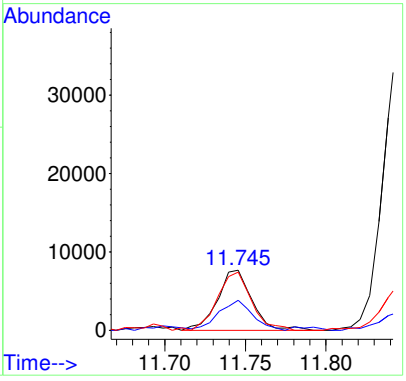


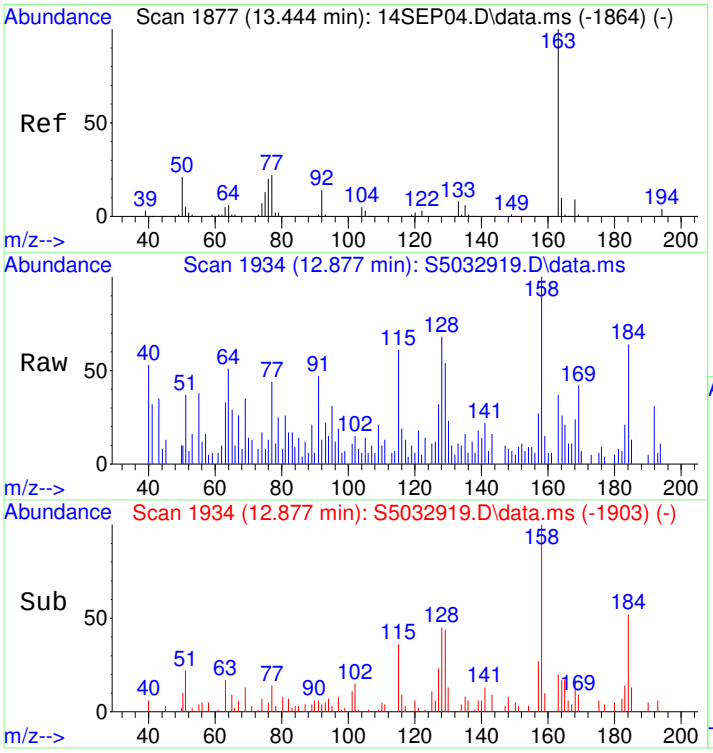


#50
Acenaphthene
Concen: 2.95 ug/mL
RT: 11.745 min Scan# 1740
Delta R.T. -0.030 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:153 Resp: 11335

Ion	Ratio	Lower	Upper
153	100		
152	47.3	28.1	68.1
154	97.1	73.0	113.0

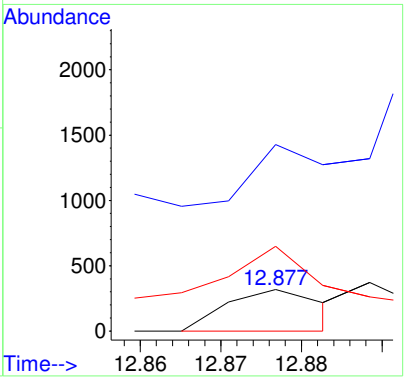


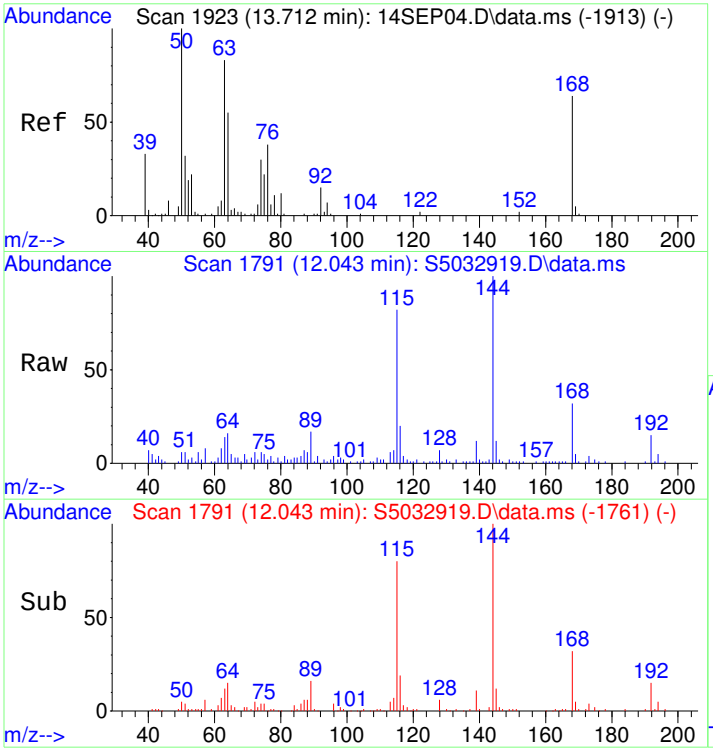


#51
3-Nitroaniline
Concen: 2.28 ug/mL
RT: 12.877 min Scan# 1934
Delta R.T. -0.017 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:138 Resp: 266

Ion	Ratio	Lower	Upper
138	100		
65	48.7	123.8	163.8#
92	111.6	45.7	85.7#

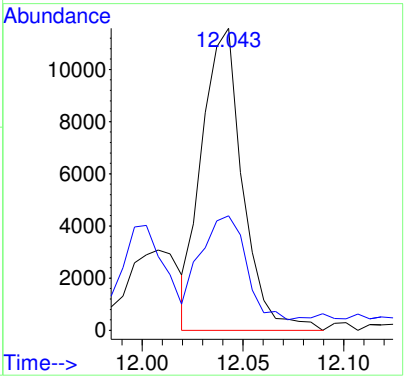


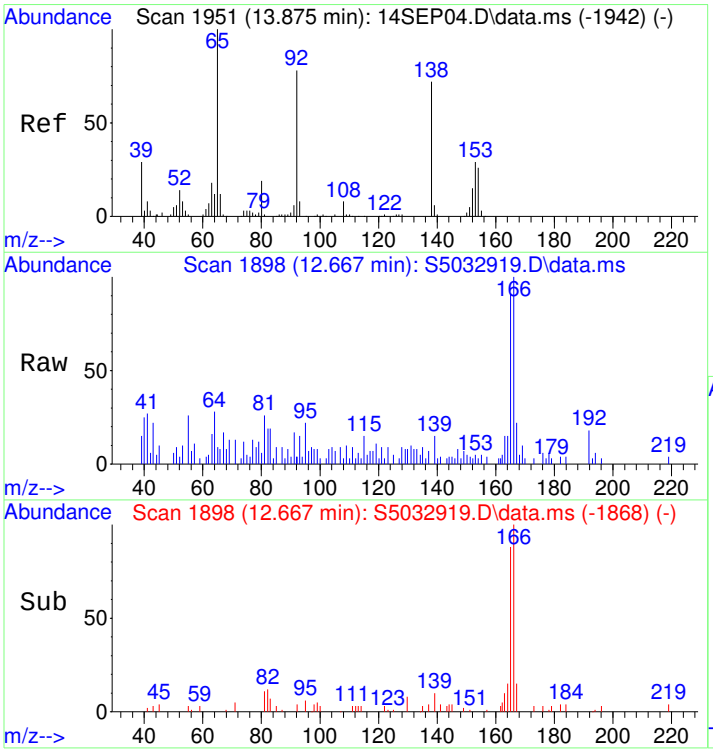


#53
Dibenzofuran
Concen: 2.76 ug/mL
RT: 12.043 min Scan# 1791
Delta R.T. -0.024 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:168 Resp: 16303

Ion	Ratio	Lower	Upper
168	100		
139	32.4	14.7	54.7

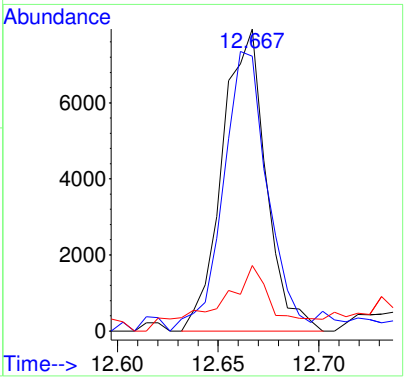


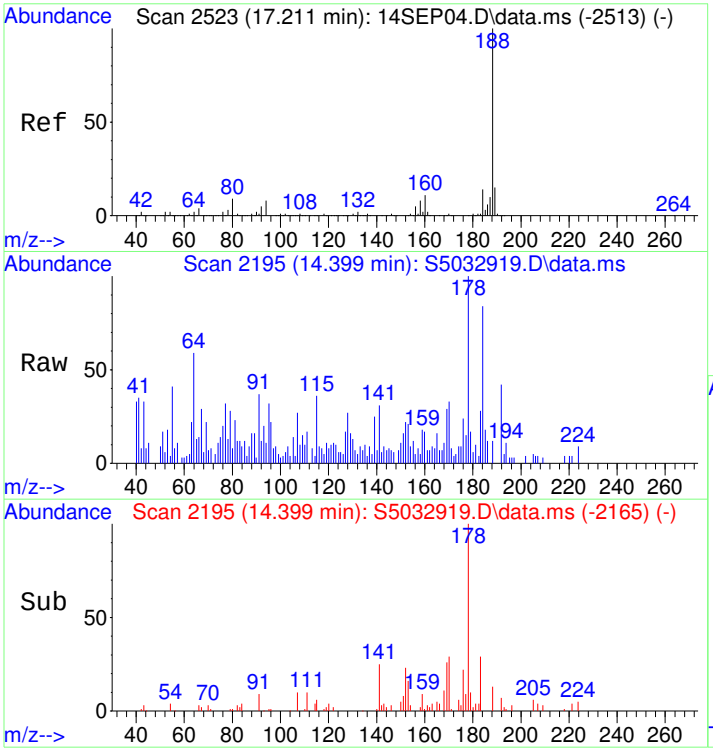


#58
Fluorene
Concen: 2.50 ug/mL
RT: 12.667 min Scan# 1898
Delta R.T. -0.024 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:166 Resp: 11989

Ion	Ratio	Lower	Upper
166	100		
165	86.9	72.9	112.9
167	17.9	0.0	34.1

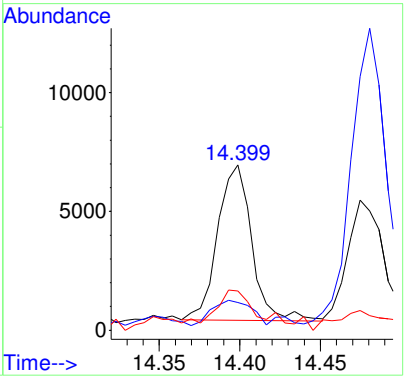


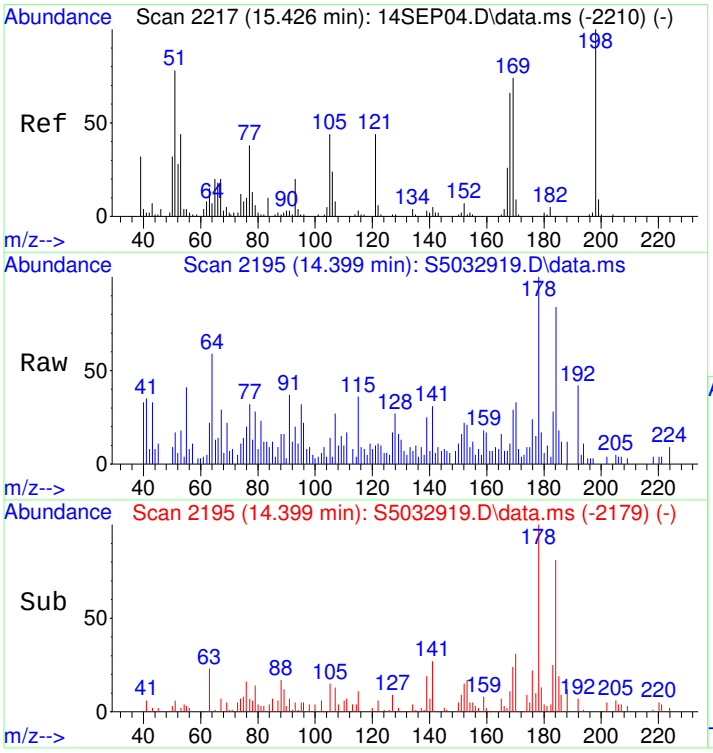


#70
Phenanthrene
Concen: 1.57 ug/mL
RT: 14.399 min Scan# 2195
Delta R.T. -0.024 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:178 Resp: 9667

Ion	Ratio	Lower	Upper
178	100		
179	12.2	0.0	34.4
176	20.5	0.0	37.3

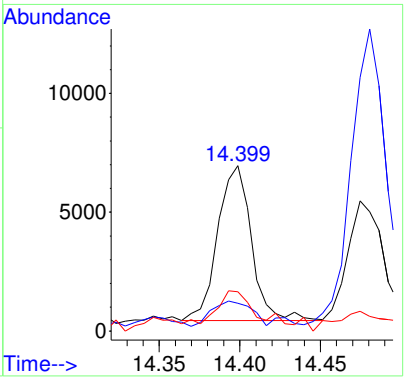


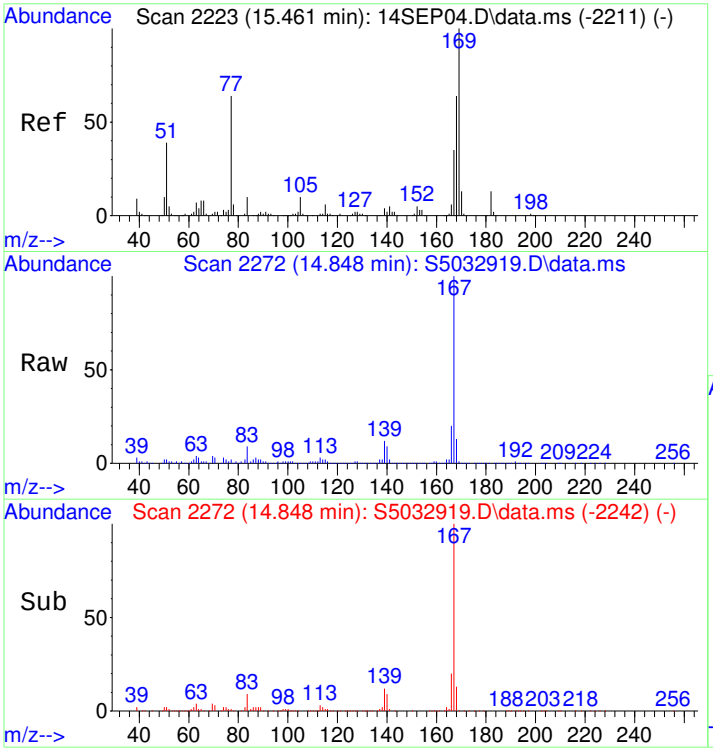


#71
Anthracene
Concen: 1.49 ug/mL
RT: 14.399 min Scan# 2195
Delta R.T. -0.106 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:178 Resp: 9509

Ion	Ratio	Lower	Upper
178	100		
179	12.2	0.0	35.5
176	20.5	0.0	37.6

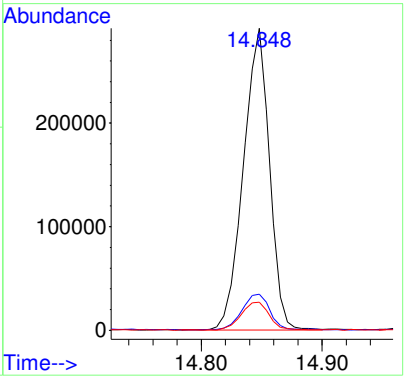




#72
Carbazole
Concen: 69.68 ug/mL
RT: 14.848 min Scan# 2272
Delta R.T. -0.023 min
Lab File: S5032919.D
Acq: 29 Mar 11 7:41 pm

Tgt Ion:167 Resp: 436207

Ion	Ratio	Lower	Upper
167	100		
139	11.8	0.0	31.4
84	9.2	0.0	31.1



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-16RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032917.D Vial: 16
Acq On : 29 Mar 2011 6:32 pm Operator: RCS
Sample : 11C1255-16RE1 Inst : MSD5
Misc : 50,SEVERSTAL,20ul/1ml,820ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 29 19:56:37 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

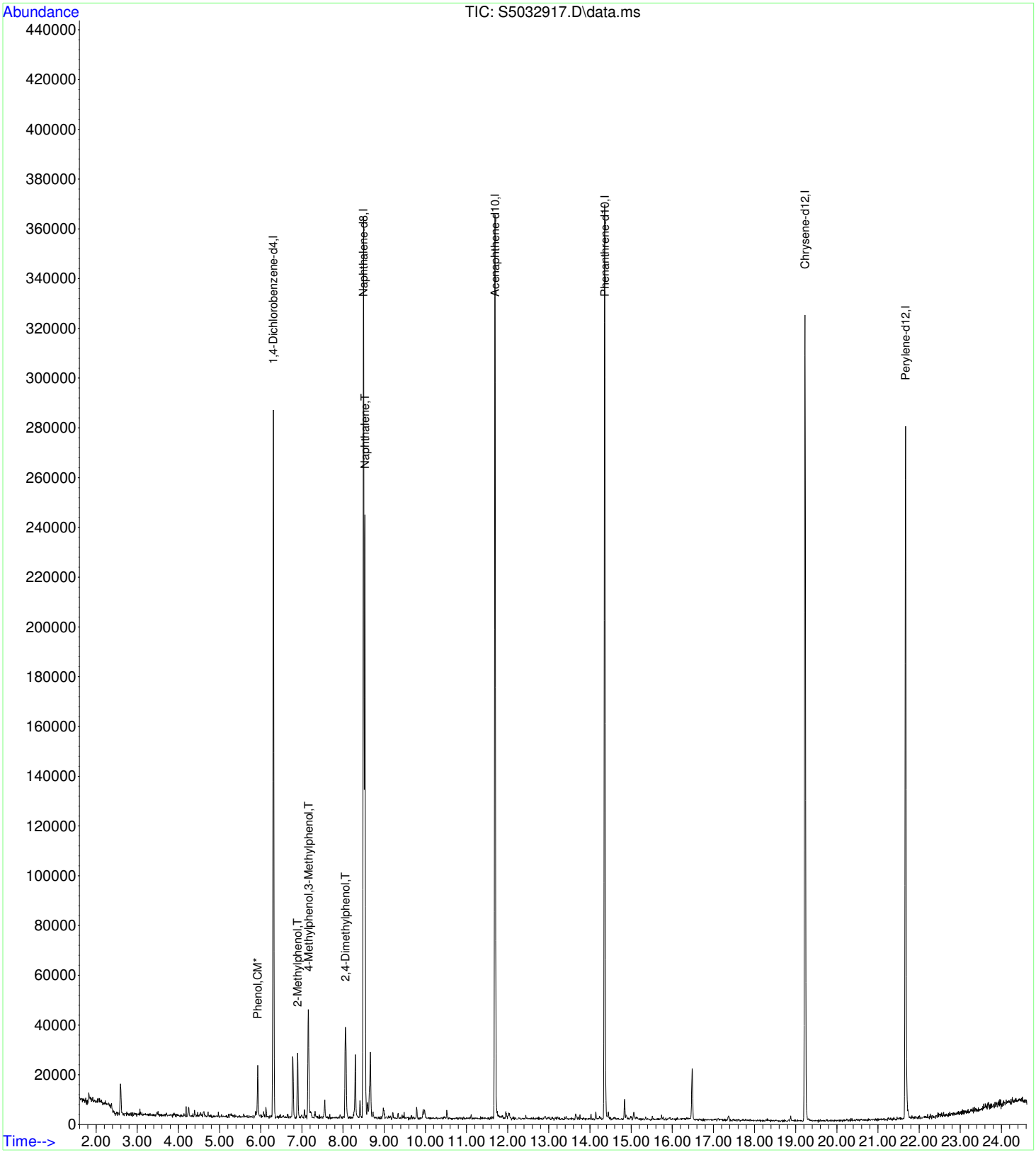
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.305	152	64177	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.498	136	240417	40.00	ug/mL	-0.02
37) Acenaphthene-d10	11.694	164	132534	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.359	188	216868	40.00	ug/mL	-0.02
75) Chrysene-d12	19.228	240	188523	40.00	ug/mL	-0.03
86) Perylene-d12	21.672	264	174805	40.00	ug/mL	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.387	112	995	0.43	ug/mL	-0.02
Spiked Amount 75.000	Range 10 - 83		Recovery = 0.57%#			
8) Phenol-d5	5.921	99	1013	0.32	ug/mL	-0.01
Spiked Amount 75.000	Range 13 - 62		Recovery = 0.43%#			
21) Nitrobenzene-d5	7.320	82	1453	0.49	ug/mL	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 0.98%#			
41) 2-Fluorobiphenyl	10.522	172	2006	0.44	ug/mL	-0.01
Spiked Amount 50.000	Range 35 - 138		Recovery = 0.88%#			
66) 2,4,6-Tribromophenol	13.169	330	185	0.37	ug/mL	-0.01
Spiked Amount 75.000	Range 24 - 142		Recovery = 0.49%#			
78) Terphenyl-d14	17.368	244	1462	0.38	ug/mL	-0.03
Spiked Amount 50.000	Range 24 - 129		Recovery = 0.76%#			
Target Compounds						Qvalue
9) Phenol	5.926	94	12489	3.97	ug/mL	90
16) 2-Methylphenol	6.894	108	7765	3.53	ug/mL	98
19) 4-Methylphenol,3-Methy...	7.163	108	17705	7.61	ug/mL	99
25) 2,4-Dimethylphenol	8.061	107	16644	6.86	ug/mL	95
29) Naphthalene	8.533	128	163307	26.16	ug/mL	99

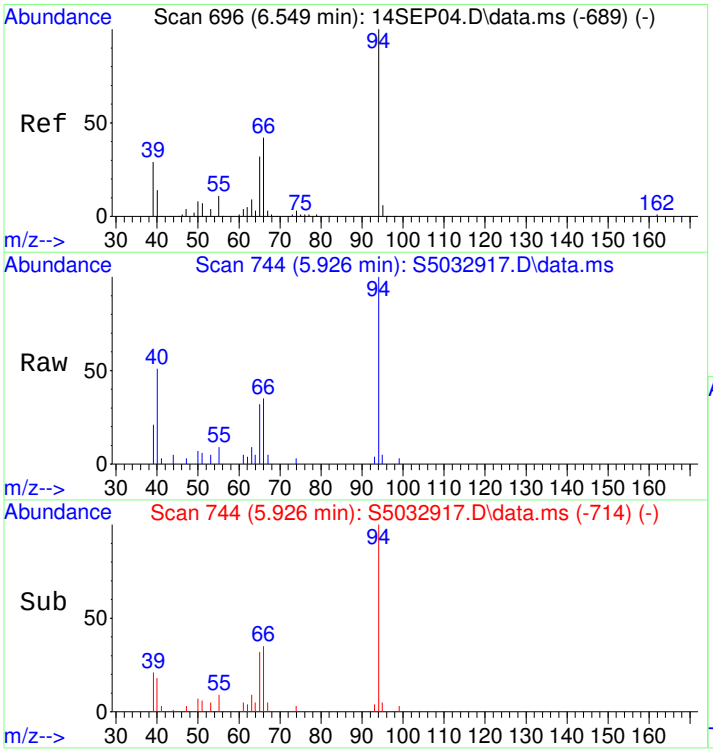
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032917.D Vial: 16
Acq On : 29 Mar 2011 6:32 pm Operator: RCS
Sample : 11C1255-16RE1 Inst : MSD5
Misc : 50,SEVERSTAL,20ul/1ml,820ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 29 19:56:37 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

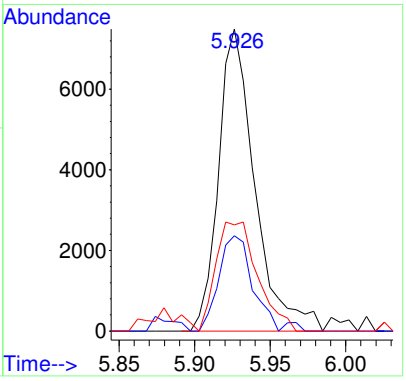


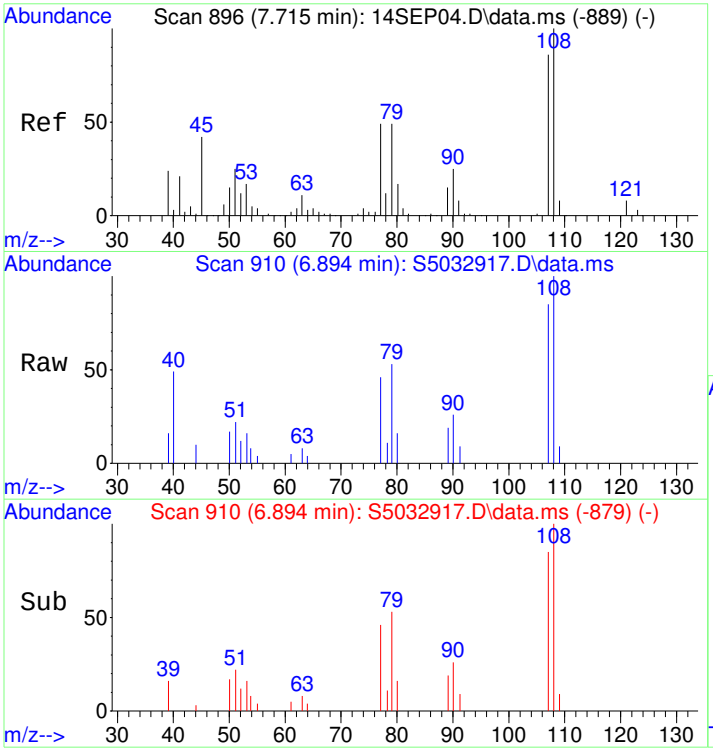


#9
Phenol
Concen: 3.97 ug/mL
RT: 5.926 min Scan# 744
Delta R.T. -0.025 min
Lab File: S5032917.D
Acq: 29 Mar 11 6:32 pm

Tgt Ion: 94 Resp: 12489

Ion	Ratio	Lower	Upper
94	100		
65	31.5	7.9	47.9
66	35.1	22.9	62.9

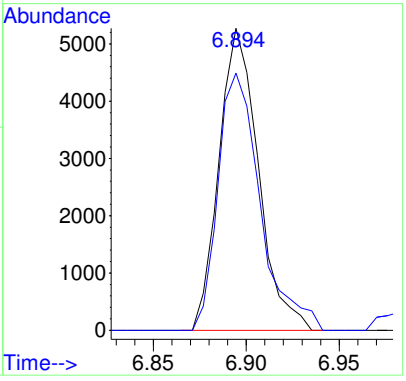


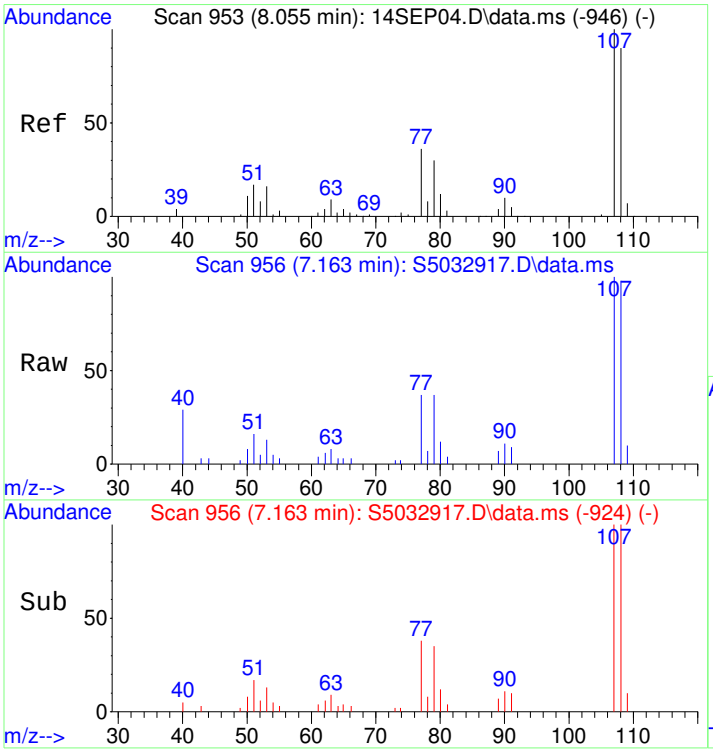


#16
2-Methylphenol
Concen: 3.53 ug/mL
RT: 6.894 min Scan# 910
Delta R.T. -0.019 min
Lab File: S5032917.D
Acq: 29 Mar 11 6:32 pm

Tgt Ion:108 Resp: 7765

Ion	Ratio	Lower	Upper
108	100		
107	85.1	62.9	102.9

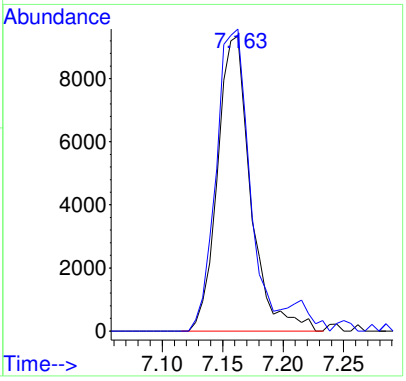


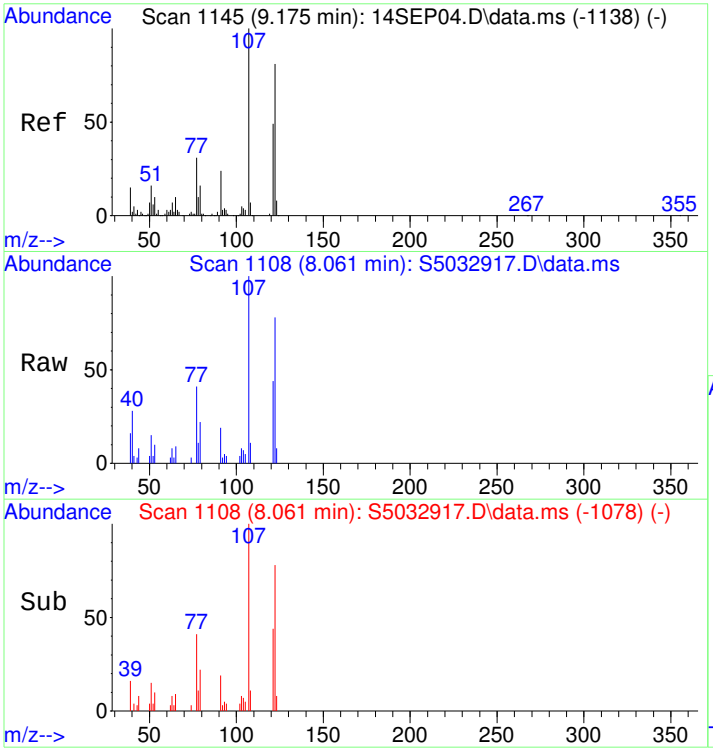


#19
4-Methylphenol,3-Methylphenol
Concen: 7.61 ug/mL
RT: 7.163 min Scan# 956
Delta R.T. -0.013 min
Lab File: S5032917.D
Acq: 29 Mar 11 6:32 pm

Tgt Ion:108 Resp: 17705

Ion	Ratio	Lower	Upper
108	100		
107	102.4	83.5	123.5

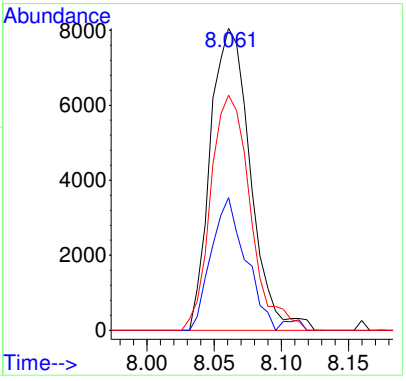


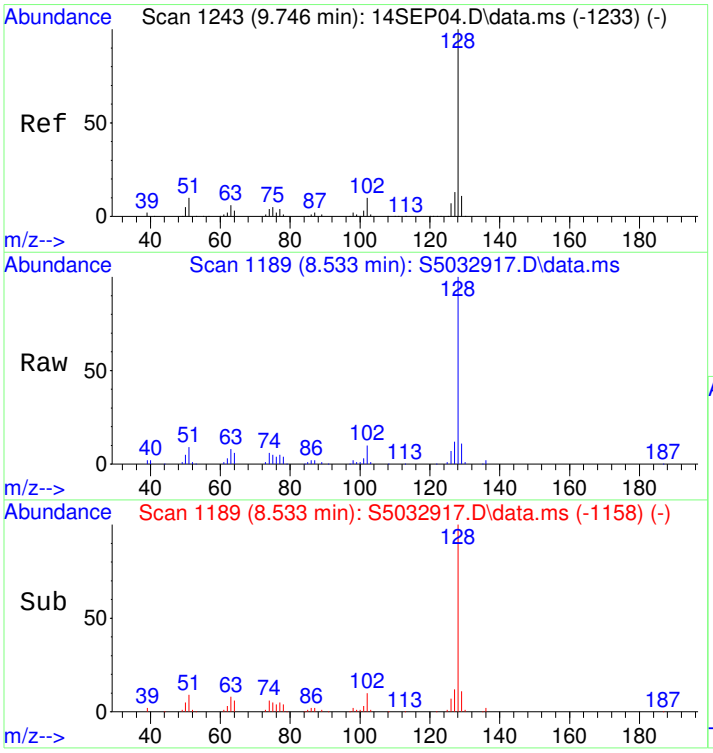


#25
2,4-Dimethylphenol
Concen: 6.86 ug/mL
RT: 8.061 min Scan# 1108
Delta R.T. -0.011 min
Lab File: S5032917.D
Acq: 29 Mar 11 6:32 pm

Tgt Ion:107 Resp: 16644

Ion	Ratio	Lower	Upper
107	100		
121	43.9	20.5	60.5
122	77.9	53.4	93.4

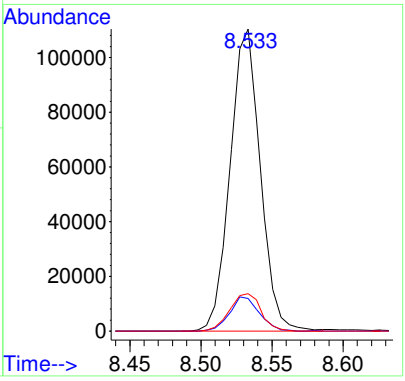




#29
Naphthalene
Concen: 26.16 ug/mL
RT: 8.533 min Scan# 1189
Delta R.T. -0.017 min
Lab File: S5032917.D
Acq: 29 Mar 11 6:32 pm

Tgt Ion:128 Resp: 163307

Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	30.6
127	12.4	0.0	32.7



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-16RE2

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR3011\S5033004.D Vial: 3
Acq On : 30 Mar 2011 12:27 pm Operator: RCS
Sample : 11C1255-16RE2 Inst : MSD5
Misc : 10,SEVERSTAL,100ul/1ml,820ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 31 11:21:27 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

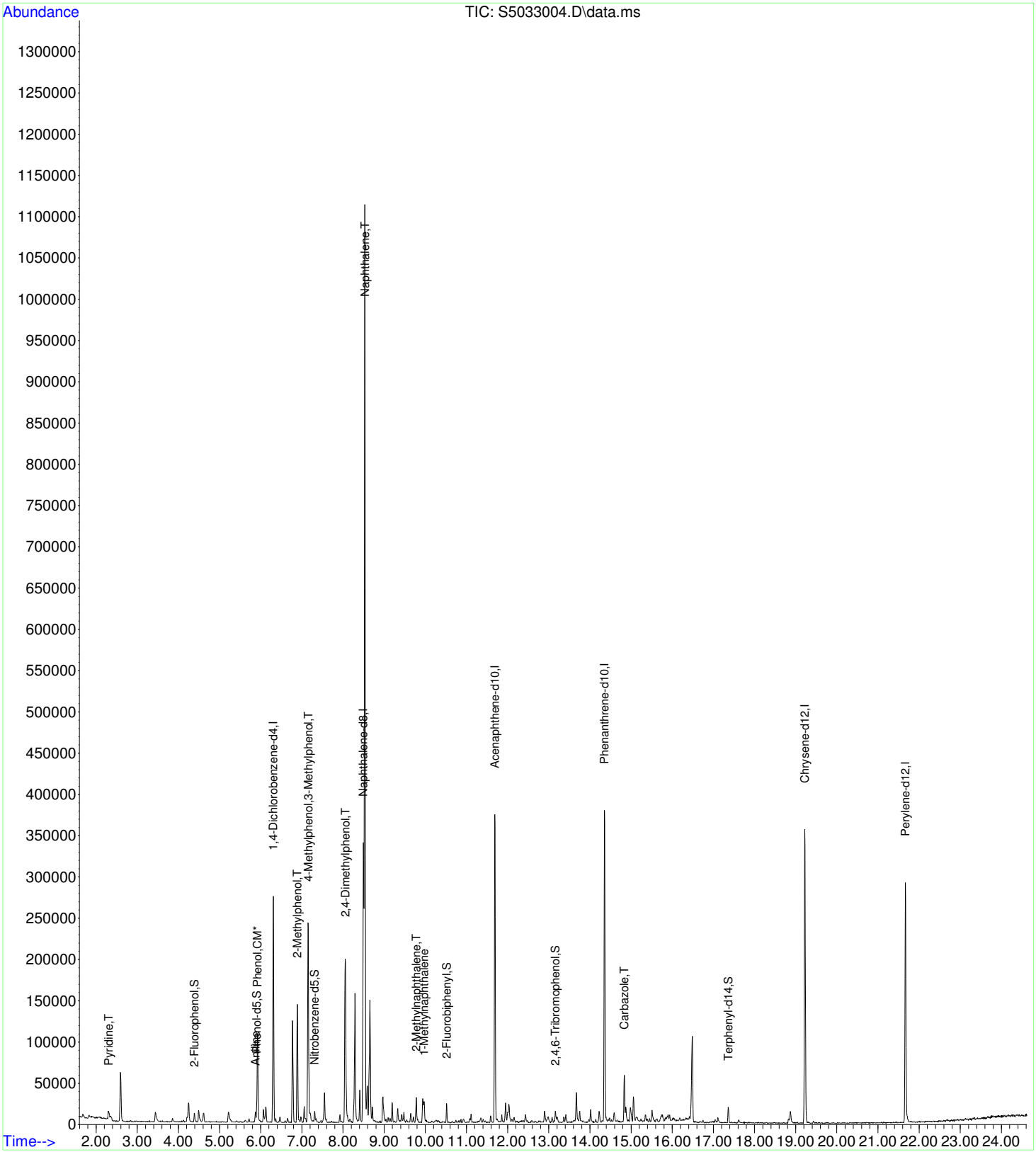
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.306	152	63653	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.492	136	233715	40.00	ug/mL	-0.02
37) Acenaphthene-d10	11.688	164	137801	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.353	188	222305	40.00	ug/mL	-0.03
75) Chrysene-d12	19.223	240	203841	40.00	ug/mL	-0.04
86) Perylene-d12	21.666	264	178561	40.00	ug/mL	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.387	112	5029	2.21	ug/mL	-0.02
Spiked Amount 75.000	Range 10 - 83		Recovery = 2.95%#			
8) Phenol-d5	5.904	99	5503	1.73	ug/mL	-0.03
Spiked Amount 75.000	Range 13 - 62		Recovery = 2.31%#			
21) Nitrobenzene-d5	7.309	82	6734	2.34	ug/mL	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 4.68%#			
41) 2-Fluorobiphenyl	10.522	172	10947	2.29	ug/mL	-0.01
Spiked Amount 50.000	Range 35 - 138		Recovery = 4.58%#			
66) 2,4,6-Tribromophenol	13.163	330	1431	2.81	ug/mL	-0.02
Spiked Amount 75.000	Range 24 - 142		Recovery = 3.75%#			
78) Terphenyl-d14	17.362	244	9184	2.19	ug/mL	-0.03
Spiked Amount 50.000	Range 24 - 129		Recovery = 4.38%#			
Target Compounds						Qvalue
3) Pyridine	2.305	79	10294	3.35	ug/mL	88
6) Aniline	5.875	93	7346	1.87	ug/mL	99
9) Phenol	5.921	94	64541	20.67	ug/mL	95
16) 2-Methylphenol	6.889	108	39717	18.19	ug/mL	97
19) 4-Methylphenol,3-Methy...	7.157	108	94172	40.81	ug/mL	89
25) 2,4-Dimethylphenol	8.061	107	94970	40.25	ug/mL	97
29) Naphthalene	8.533	128	779682	128.48	ug/mL	100
35) 2-Methylnaphthalene	9.781	142	12014	3.10	ug/mL	93
36) 1-Methylnaphthalene	9.973	142	10584	2.71	ug/mL	94
72) Carbazole	14.837	167	36753	6.30	ug/mL	94

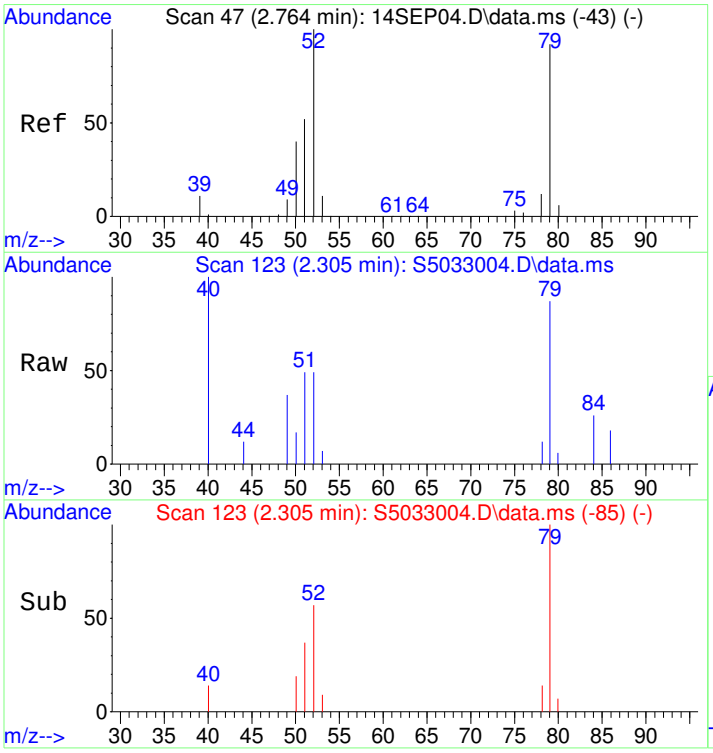
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR3011\S5033004.D Vial: 3
Acq On : 30 Mar 2011 12:27 pm Operator: RCS
Sample : 11C1255-16RE2 Inst : MSD5
Misc : 10,SEVERSTAL,100ul/1ml,820ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 31 11:21:27 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

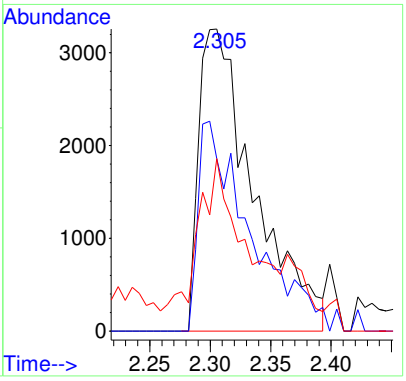


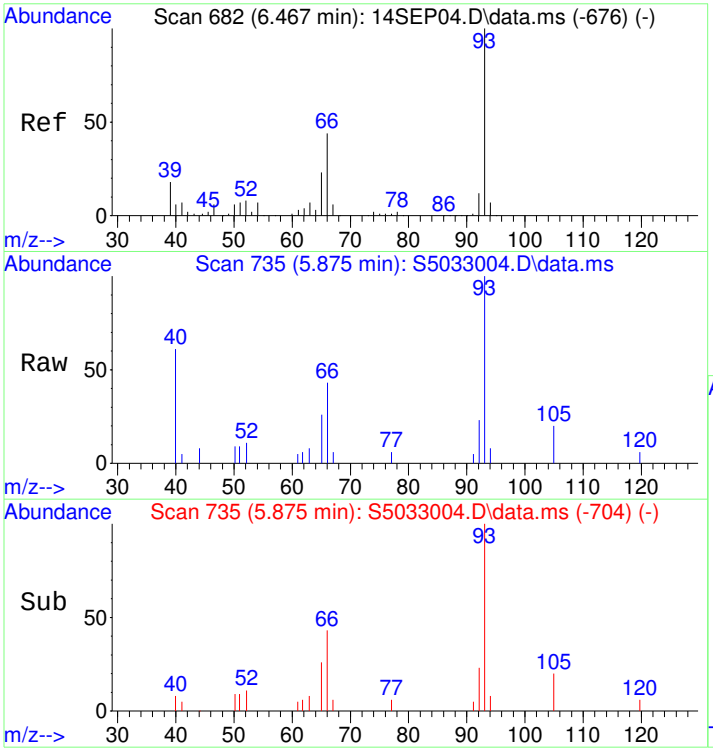


#3
Pyridine
Concen: 3.35 ug/mL
RT: 2.305 min Scan# 123
Delta R.T. 0.023 min
Lab File: S5033004.D
Acq: 30 Mar 11 12:27 pm

Tgt Ion: 79 Resp: 10294

Ion	Ratio	Lower	Upper
79	100		
52	57.0	38.2	78.2
51	50.6	14.3	54.3

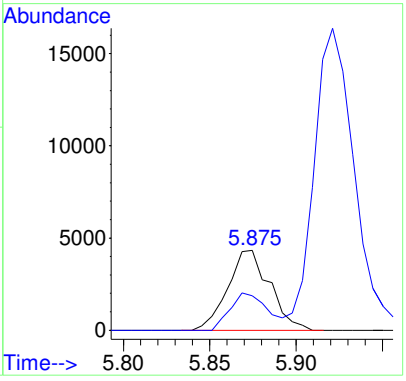


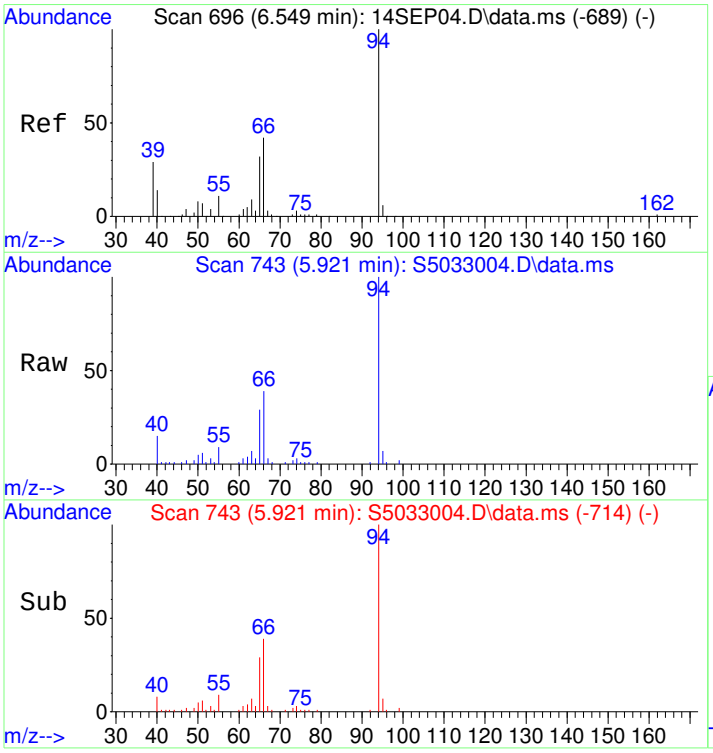


#6
Aniline
Concen: 1.87 ug/mL
RT: 5.875 min Scan# 735
Delta R.T. -0.018 min
Lab File: S5033004.D
Acq: 30 Mar 11 12:27 pm

Tgt Ion: 93 Resp: 7346

Ion	Ratio	Lower	Upper
93	100		
66	43.0	23.5	63.5

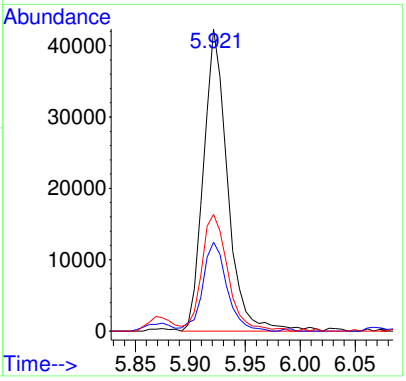


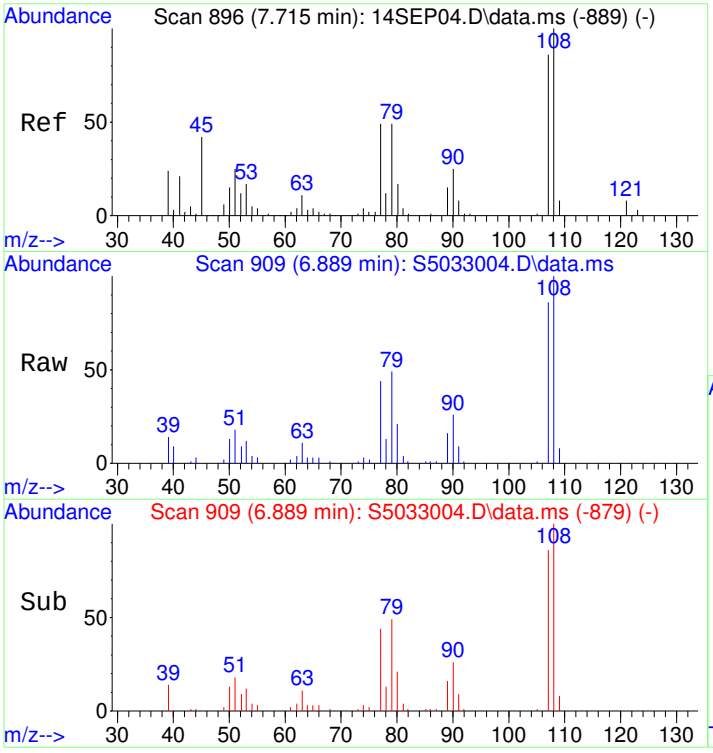


#9
Phenol
Concen: 20.67 ug/mL
RT: 5.921 min Scan# 743
Delta R.T. -0.030 min
Lab File: S5033004.D
Acq: 30 Mar 11 12:27 pm

Tgt Ion: 94 Resp: 64541

Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	38.7	22.9	62.9

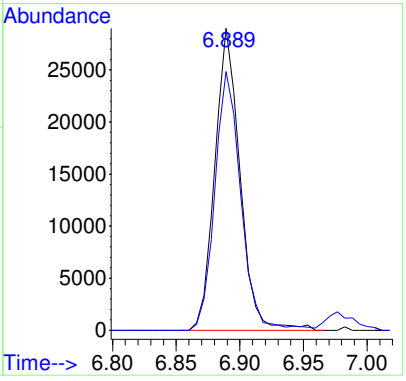


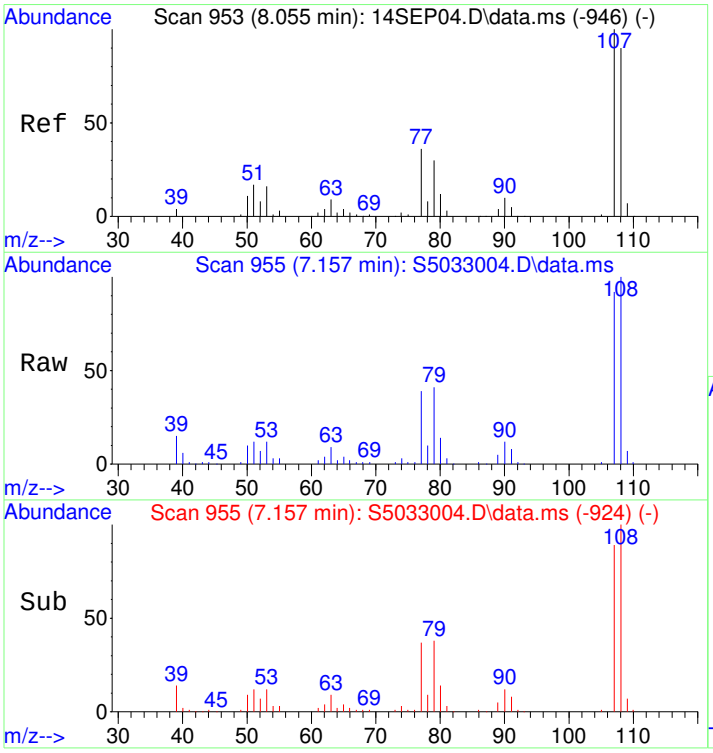


#16
2-Methylphenol
Concen: 18.19 ug/mL
RT: 6.889 min Scan# 909
Delta R.T. -0.024 min
Lab File: S5033004.D
Acq: 30 Mar 11 12:27 pm

Tgt Ion:108 Resp: 39717

Ion	Ratio	Lower	Upper
108	100		
107	85.7	62.9	102.9

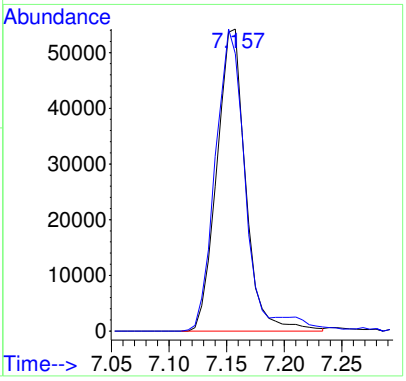


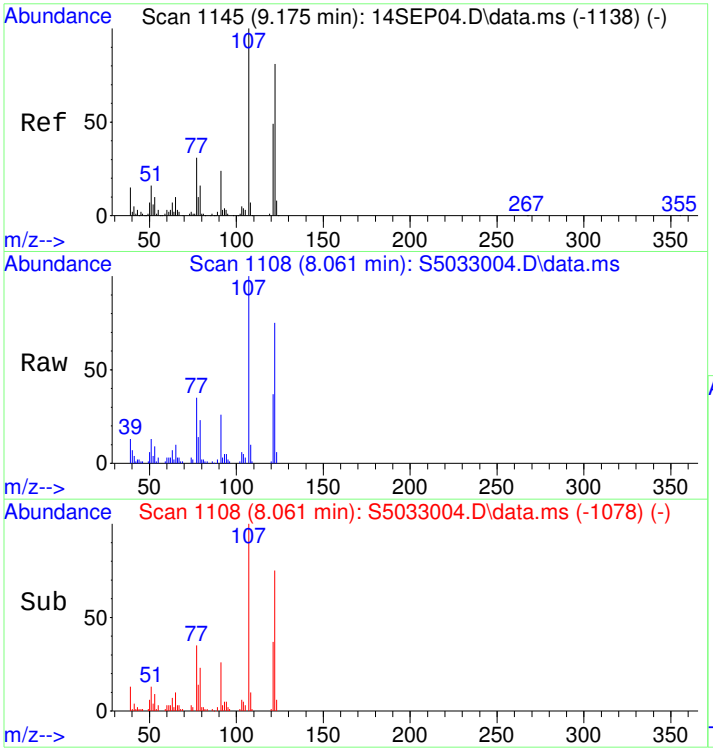


#19
4-Methylphenol,3-Methylphenol
Concen: 40.81 ug/mL
RT: 7.157 min Scan# 955
Delta R.T. -0.018 min
Lab File: S5033004.D
Acq: 30 Mar 11 12:27 pm

Tgt Ion:108 Resp: 94172

Ion	Ratio	Lower	Upper
108	100		
107	91.9	83.5	123.5

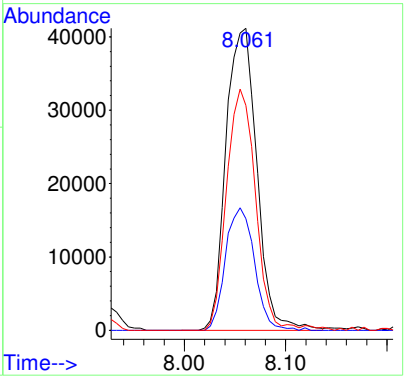


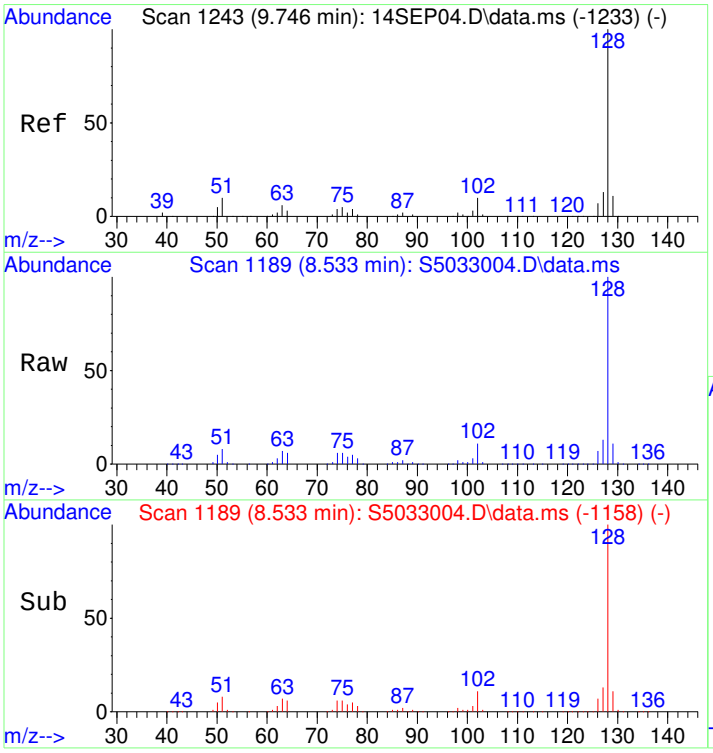


#25
2,4-Dimethylphenol
Concen: 40.25 ug/mL
RT: 8.061 min Scan# 1108
Delta R.T. -0.011 min
Lab File: S5033004.D
Acq: 30 Mar 11 12:27 pm

Tgt Ion:107 Resp: 94970

Ion	Ratio	Lower	Upper
107	100		
121	37.0	20.5	60.5
122	74.5	53.4	93.4

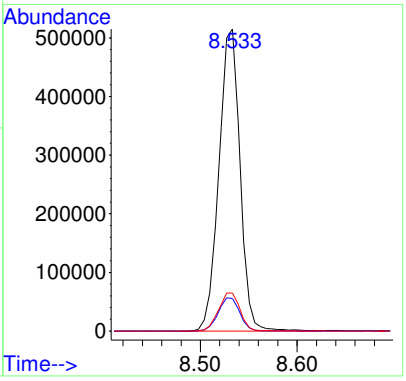


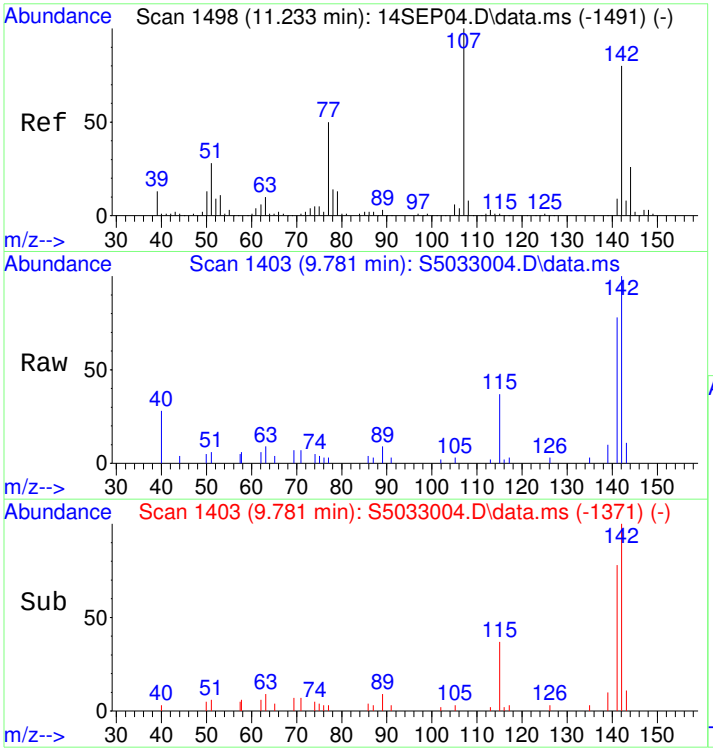


#29
Naphthalene
Concen: 128.48 ug/mL
RT: 8.533 min Scan# 1189
Delta R.T. -0.017 min
Lab File: S5033004.D
Acq: 30 Mar 11 12:27 pm

Tgt Ion:128 Resp: 779682

Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	30.6
127	12.6	0.0	32.7

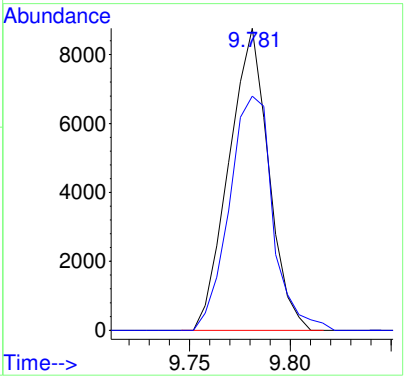


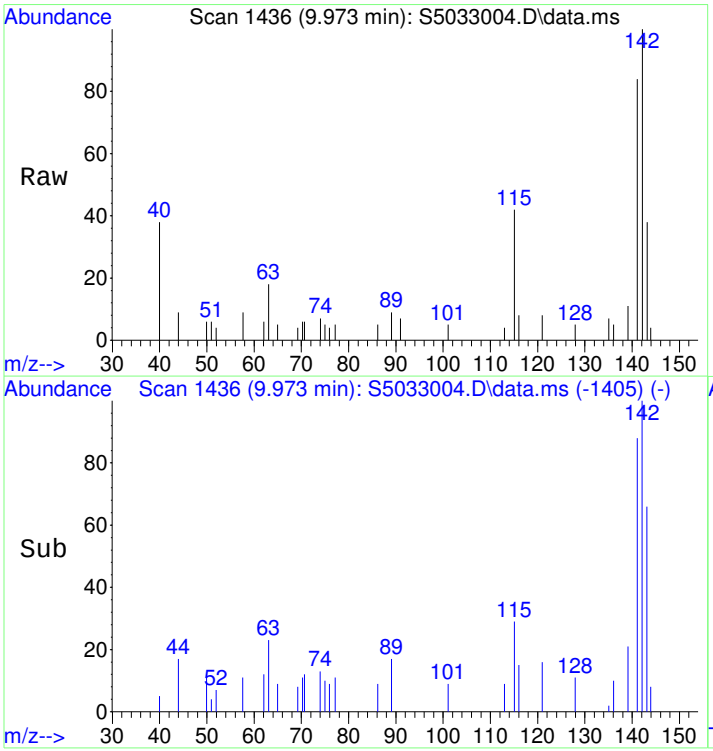


#35
2-Methylnaphthalene
Concen: 3.10 ug/mL
RT: 9.781 min Scan# 1403
Delta R.T. -0.011 min
Lab File: S5033004.D
Acq: 30 Mar 11 12:27 pm

Tgt Ion:142 Resp: 12014

Ion	Ratio	Lower	Upper
142	100		
141	77.6	63.5	103.5

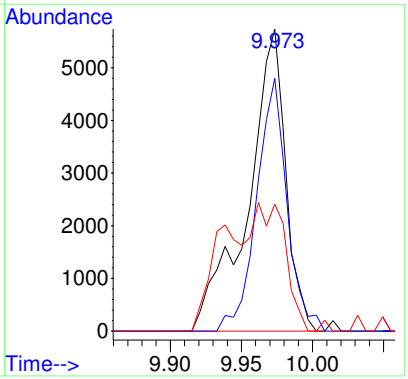


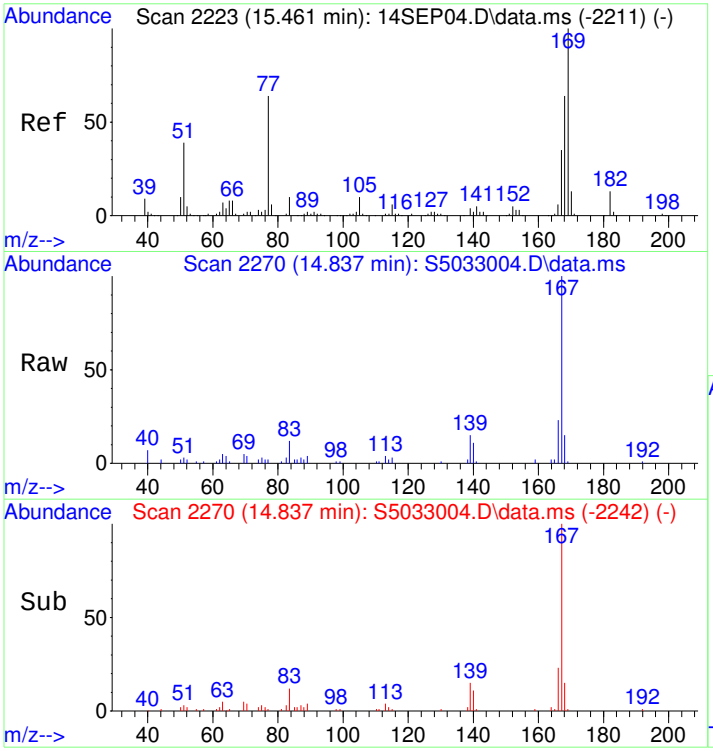


#36
1-Methylnaphthalene
Concen: 2.71 ug/mL
RT: 9.973 min Scan# 1436
Delta R.T. -0.017 min
Lab File: S5033004.D
Acq: 30 Mar 11 12:27 pm

Tgt Ion:142 Resp: 10584

Ion	Ratio	Lower	Upper
142	100		
141	83.6	70.0	110.0
115	42.1	19.4	59.4

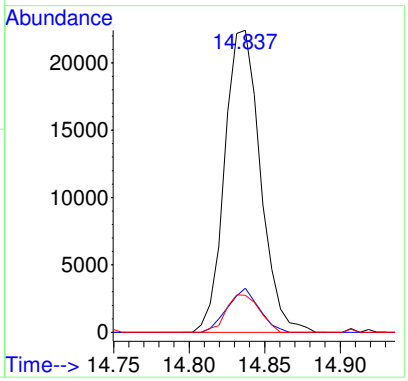




#72
Carbazole
Concen: 6.30 ug/mL
RT: 14.837 min Scan# 2270
Delta R.T. -0.034 min
Lab File: S5033004.D
Acq: 30 Mar 11 12:27 pm

Tgt Ion:167 Resp: 36753

Ion	Ratio	Lower	Upper
167	100		
139	14.6	0.0	31.4
84	12.3	0.0	31.1



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-17

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032912.D Vial: 11
Acq On : 29 Mar 2011 3:38 pm Operator: RCS
Sample : 11C1255-17 Inst : MSD5
Misc : 1,SEVERSTAL,870ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 29 19:53:31 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

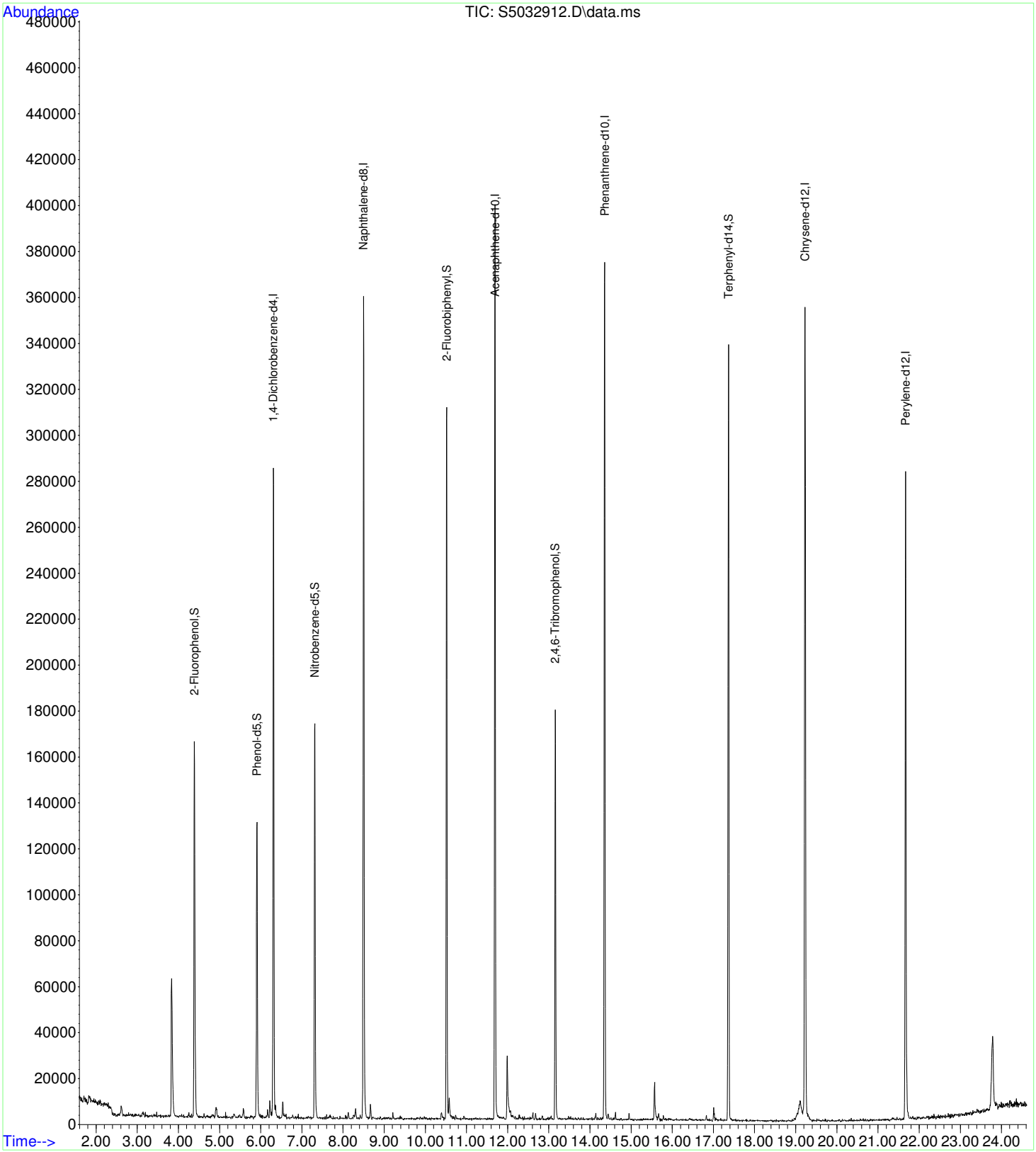
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.306	152	65112	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.497	136	249340	40.00	ug/mL	-0.02
37) Acenaphthene-d10	11.693	164	137712	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.358	188	229710	40.00	ug/mL	-0.02
75) Chrysene-d12	19.228	240	200991	40.00	ug/mL	-0.04
86) Perylene-d12	21.671	264	167780	40.00	ug/mL	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.387	112	75646	32.46	ug/mL	-0.02
Spiked Amount 75.000	Range 10 - 83		Recovery = 43.28%			
8) Phenol-d5	5.909	99	74559	22.87	ug/mL	-0.02
Spiked Amount 75.000	Range 13 - 62		Recovery = 30.49%			
21) Nitrobenzene-d5	7.315	82	98126	32.01	ug/mL	-0.01
Spiked Amount 50.000	Range 40 - 140		Recovery = 64.02%			
41) 2-Fluorobiphenyl	10.521	172	150873	31.55	ug/mL	-0.01
Spiked Amount 50.000	Range 35 - 138		Recovery = 63.10%			
66) 2,4,6-Tribromophenol	13.157	330	24544	46.63	ug/mL	-0.02
Spiked Amount 75.000	Range 24 - 142		Recovery = 62.17%			
78) Terphenyl-d14	17.367	244	141745	34.23	ug/mL	-0.03
Spiked Amount 50.000	Range 24 - 129		Recovery = 68.46%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032912.D Vial: 11
Acq On : 29 Mar 2011 3:38 pm Operator: RCS
Sample : 11C1255-17 Inst : MSD5
Misc : 1,SEVERSTAL,870ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 29 19:53:31 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-19

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\APR\APR0811\S5040812.D Vial: 11
Acq On : 8 Apr 2011 6:56 pm Operator: RCS
Sample : 11C1255-19 Inst : MSD5
Misc : 1,SEVERSTAL,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Apr 09 08:45:04 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

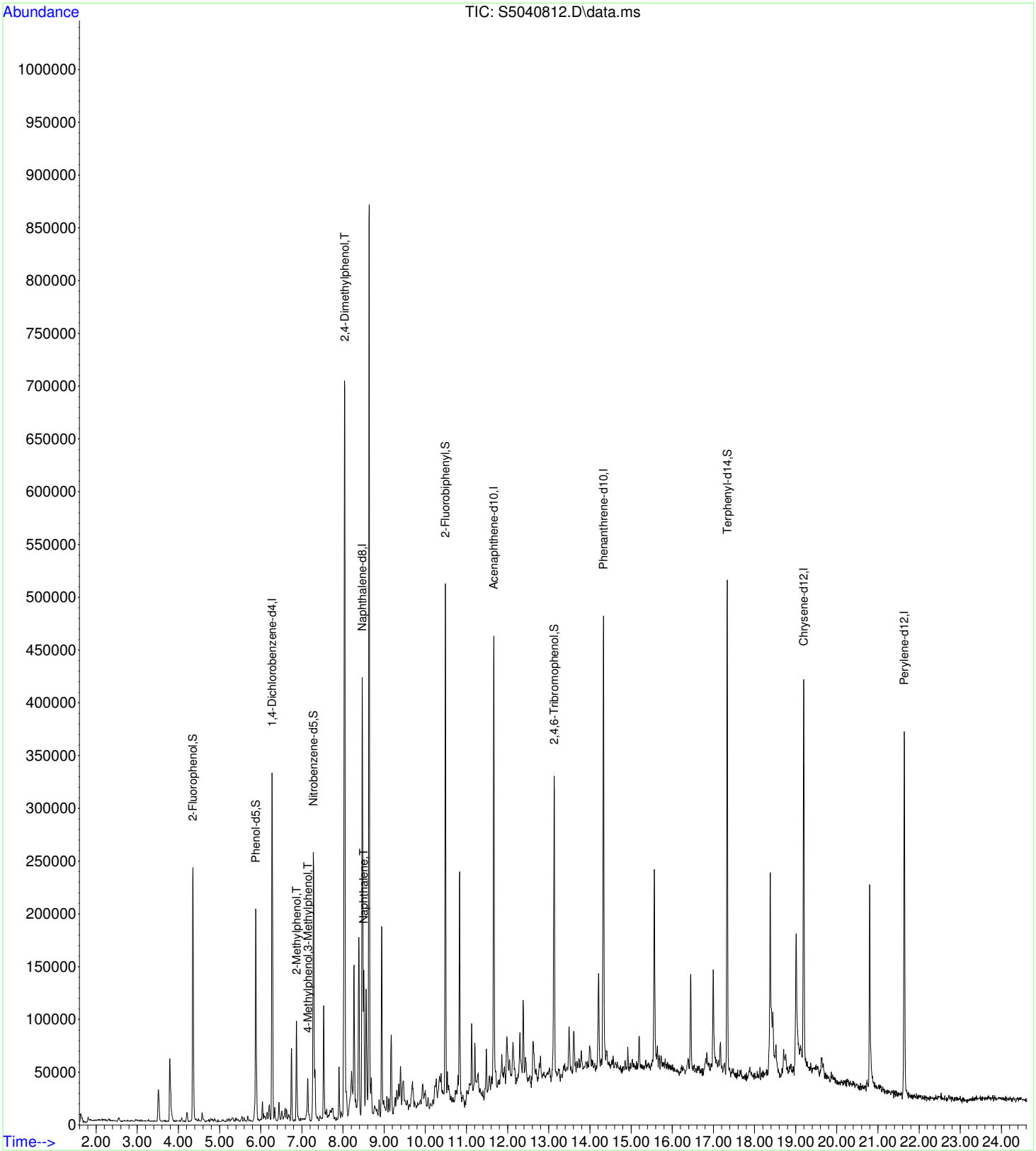
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.277	152	74012	40.00	ug/mL	-0.05
20) Naphthalene-d8	8.469	136	265466	40.00	ug/mL	-0.05
37) Acenaphthene-d10	11.665	164	150382	40.00	ug/mL	-0.05
63) Phenanthrene-d10	14.330	188	242630	40.00	ug/mL	-0.05
75) Chrysene-d12	19.199	240	206925	40.00	ug/mL	-0.06
86) Perylene-d12	21.637	264	203528	40.00	ug/mL	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	4.352	112	107379	40.54	ug/mL	-0.05
Spiked Amount 75.000	Range 10 - 83		Recovery = 54.05%			
8) Phenol-d5	5.880	99	110621	29.86	ug/mL	-0.05
Spiked Amount 75.000	Range 13 - 62		Recovery = 39.81%			
21) Nitrobenzene-d5	7.280	82	139860	42.85	ug/mL	-0.05
Spiked Amount 50.000	Range 40 - 140		Recovery = 85.70%			
41) 2-Fluorobiphenyl	10.487	172	215881	41.34	ug/mL	-0.05
Spiked Amount 50.000	Range 35 - 138		Recovery = 82.68%			
66) 2,4,6-Tribromophenol	13.134	330	37707	67.82	ug/mL	-0.05
Spiked Amount 75.000	Range 24 - 142		Recovery = 90.43%			
78) Terphenyl-d14	17.339	244	201844	47.35	ug/mL	-0.06
Spiked Amount 50.000	Range 24 - 129		Recovery = 94.70%			
Target Compounds						Qvalue
16) 2-Methylphenol	6.872	108	27399	10.79	ug/mL	89
19) 4-Methylphenol,3-Methy...	7.146	108	11251	4.19	ug/mL	90
25) 2,4-Dimethylphenol	8.043	107	265871	99.22	ug/mL	96
29) Naphthalene	8.504	128	86746	12.58	ug/mL	99

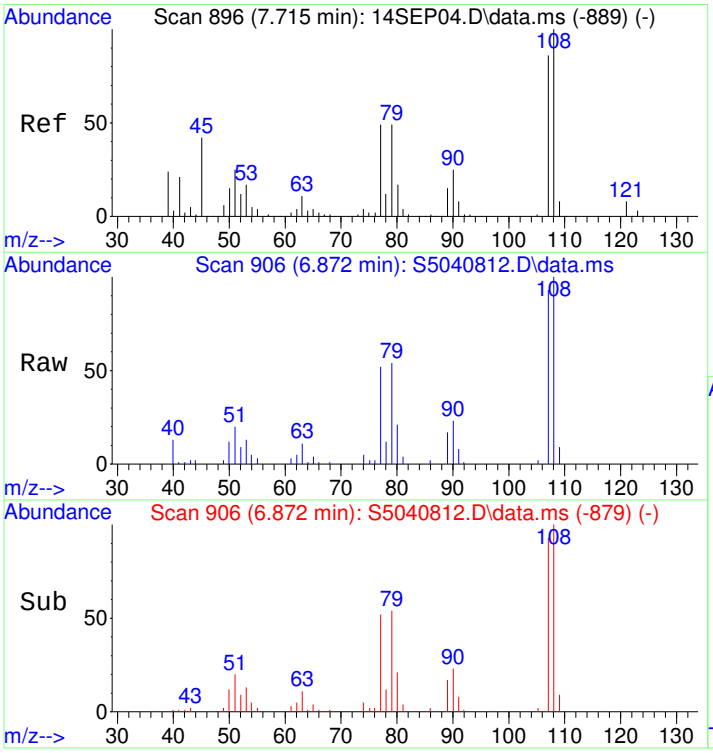
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\APR\APR0811\S5040812.D Vial: 11
Acq On : 8 Apr 2011 6:56 pm Operator: RCS
Sample : 11C1255-19 Inst : MSD5
Misc : 1,SEVERSTAL,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Apr 09 08:45:04 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

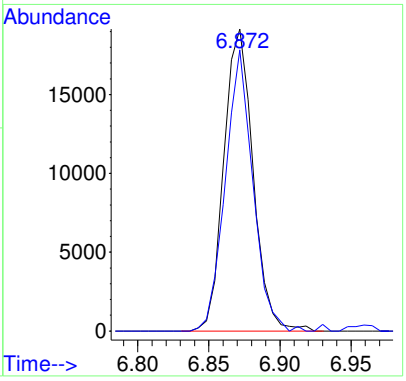


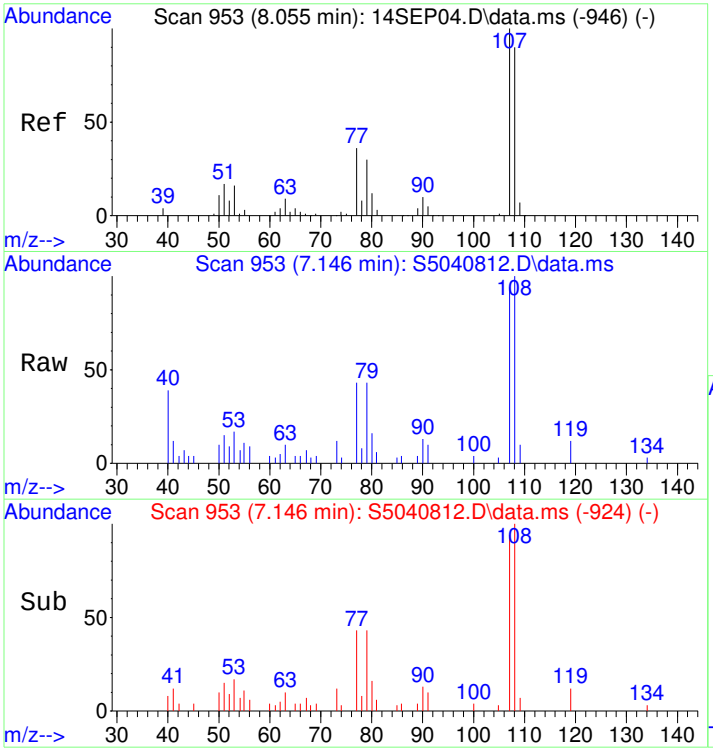


#16
2-Methylphenol
Concen: 10.79 ug/mL
RT: 6.872 min Scan# 906
Delta R.T. -0.041 min
Lab File: S5040812.D
Acq: 8 Apr 11 6:56 pm

Tgt Ion:108 Resp: 27399

Ion	Ratio	Lower	Upper
108	100		
107	93.1	62.9	102.9

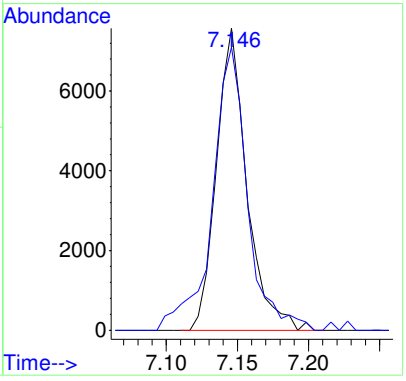


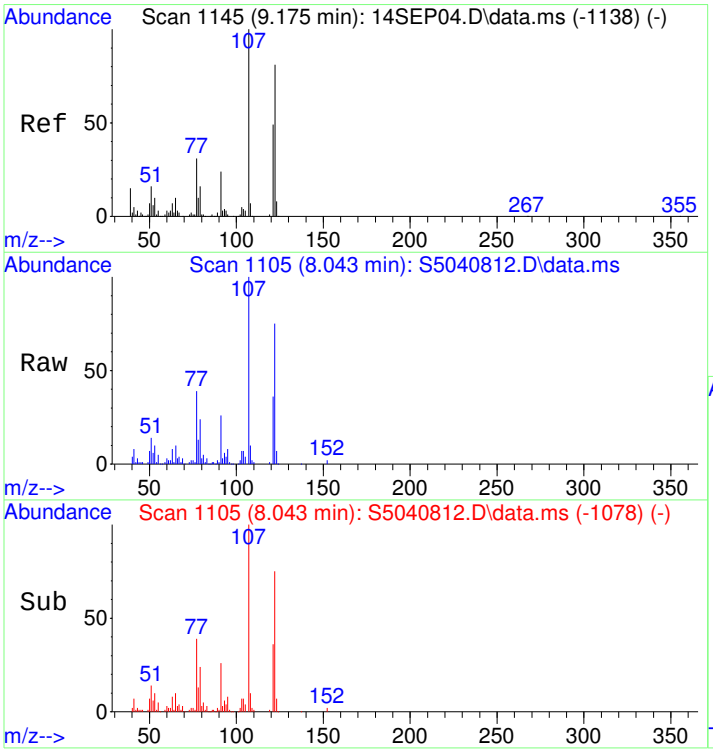


#19
4-Methylphenol,3-Methylphenol
Concen: 4.19 ug/mL
RT: 7.146 min Scan# 953
Delta R.T. -0.030 min
Lab File: S5040812.D
Acq: 8 Apr 11 6:56 pm

Tgt Ion:108 Resp: 11251

Ion	Ratio	Lower	Upper
108	100		
107	93.8	83.5	123.5

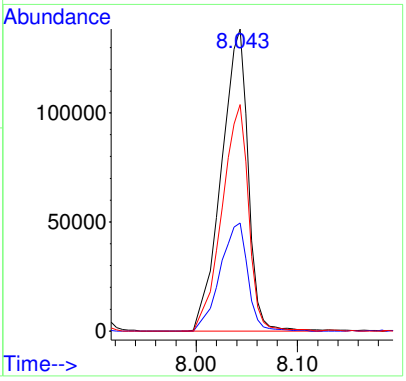


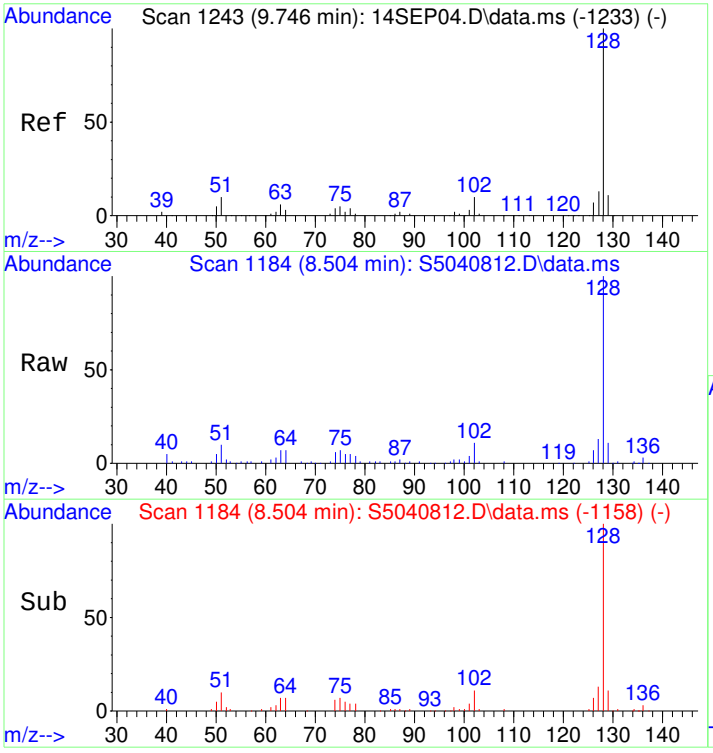


#25
2,4-Dimethylphenol
Concen: 99.22 ug/mL
RT: 8.043 min Scan# 1105
Delta R.T. -0.029 min
Lab File: S5040812.D
Acq: 8 Apr 11 6:56 pm

Tgt Ion:107 Resp: 265871

Ion	Ratio	Lower	Upper
107	100		
121	35.8	20.5	60.5
122	75.0	53.4	93.4

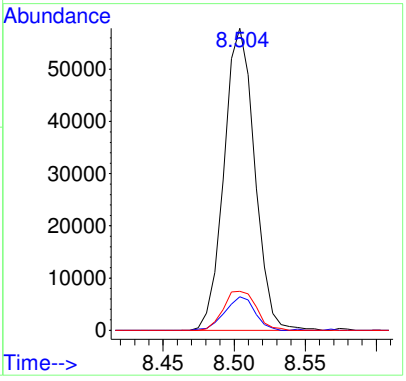




#29
Naphthalene
Concen: 12.58 ug/mL
RT: 8.504 min Scan# 1184
Delta R.T. -0.046 min
Lab File: S5040812.D
Acq: 8 Apr 11 6:56 pm

Tgt Ion:128 Resp: 86746

Ion	Ratio	Lower	Upper
128	100		
129	11.1	0.0	30.6
127	12.9	0.0	32.7



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-19RE1

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\APR\APR0811\S5040807.D Vial: 6
Acq On : 8 Apr 2011 4:03 pm Operator: RCS
Sample : 11C1255-19RE1 Inst : MSD5
Misc : 10,SEVERSTAL,10ul/1ml,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Apr 09 08:40:22 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

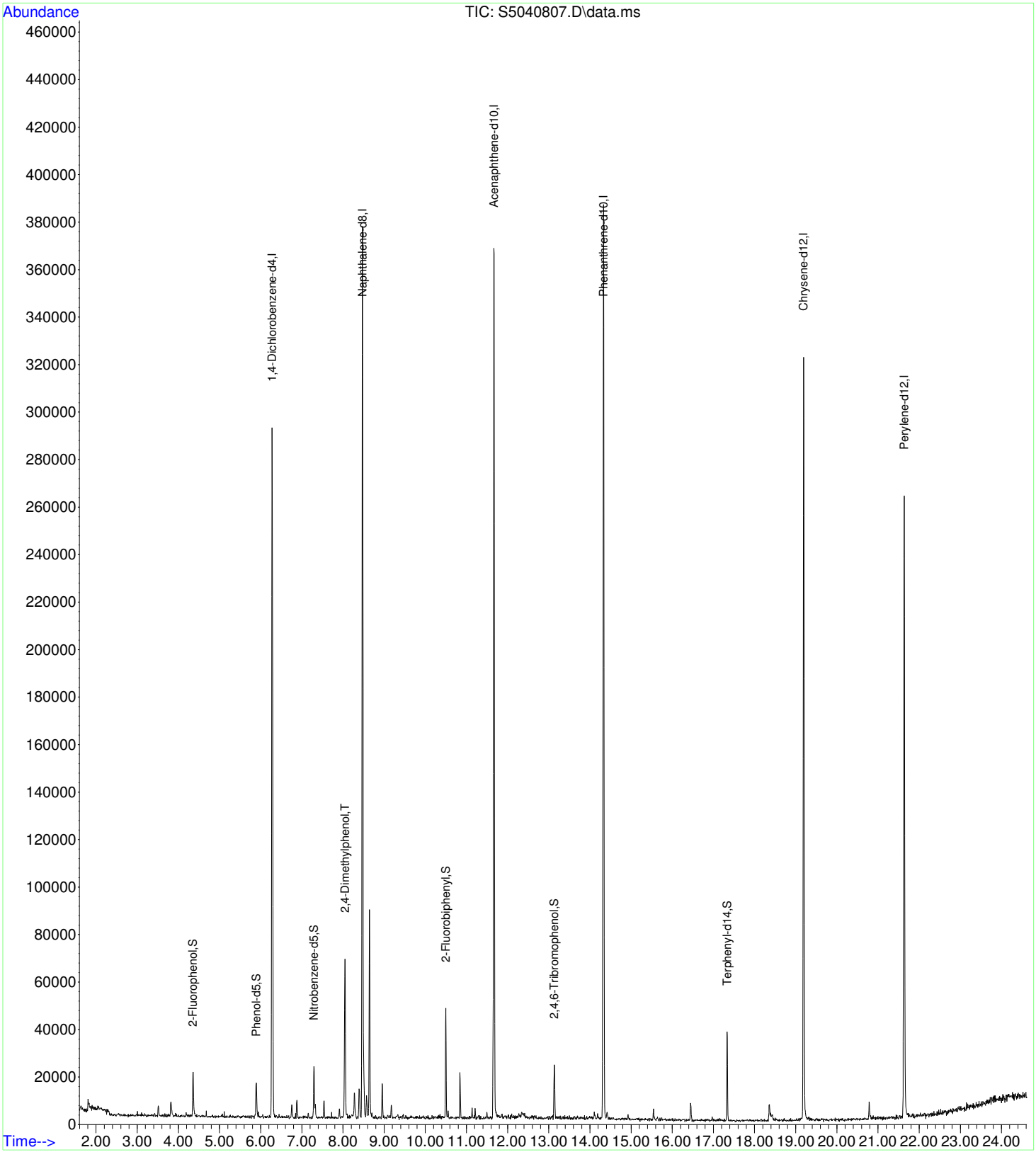
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.278	152	67017	40.00	ug/mL	-0.05
20) Naphthalene-d8	8.474	136	253630	40.00	ug/mL	-0.04
37) Acenaphthene-d10	11.670	164	139641	40.00	ug/mL	-0.04
63) Phenanthrene-d10	14.329	188	225993	40.00	ug/mL	-0.05
75) Chrysene-d12	19.193	240	184980	40.00	ug/mL	-0.07
86) Perylene-d12	21.636	264	160293	40.00	ug/mL	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	4.353	112	9747	4.06	ug/mL	-0.05
Spiked Amount 75.000	Range 10 - 83		Recovery = 5.41%#			
8) Phenol-d5	5.893	99	9561	2.85	ug/mL	-0.04
Spiked Amount 75.000	Range 13 - 62		Recovery = 3.80%#			
21) Nitrobenzene-d5	7.292	82	13298	4.26	ug/mL	-0.03
Spiked Amount 50.000	Range 40 - 140		Recovery = 8.52%#			
41) 2-Fluorobiphenyl	10.498	172	20862	4.30	ug/mL	-0.04
Spiked Amount 50.000	Range 35 - 138		Recovery = 8.60%#			
66) 2,4,6-Tribromophenol	13.133	330	3333	6.44	ug/mL	-0.05
Spiked Amount 75.000	Range 24 - 142		Recovery = 8.59%#			
78) Terphenyl-d14	17.332	244	17716	4.65	ug/mL	-0.06
Spiked Amount 50.000	Range 24 - 129		Recovery = 9.30%#			
Target Compounds						Qvalue
25) 2,4-Dimethylphenol	8.048	107	25646	10.02	ug/mL	86

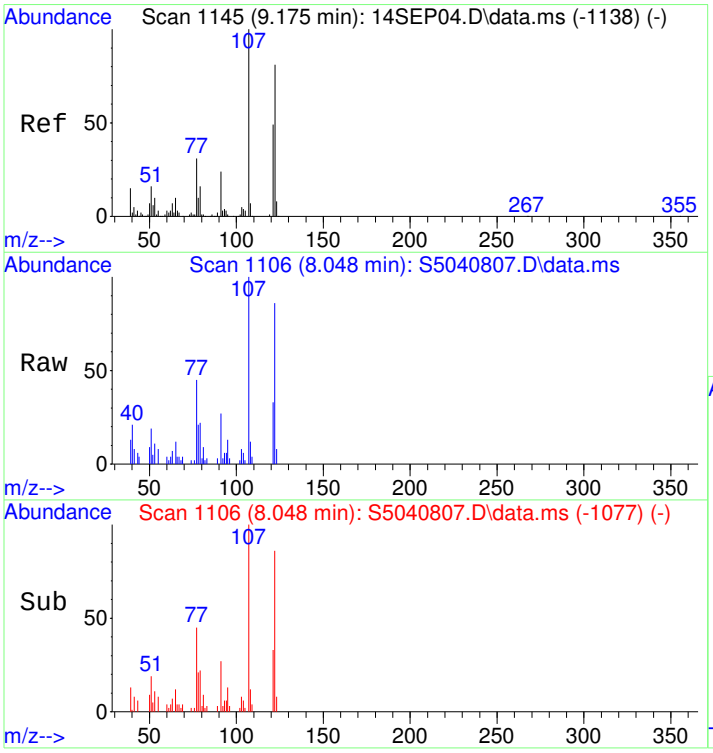
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\APR\APR0811\S5040807.D Vial: 6
Acq On : 8 Apr 2011 4:03 pm Operator: RCS
Sample : 11C1255-19RE1 Inst : MSD5
Misc : 10,SEVERSTAL,10ul/1ml,1000ml+1ml,BNAww Multiplr: 1.00

Quant Time: Apr 09 08:40:22 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

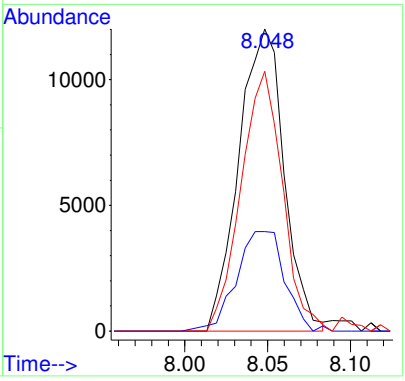




#25
2,4-Dimethylphenol
Concen: 10.02 ug/mL
RT: 8.048 min Scan# 1106
Delta R.T. -0.024 min
Lab File: S5040807.D
Acq: 8 Apr 11 4:03 pm

Tgt Ion:107 Resp: 25646

Ion	Ratio	Lower	Upper
107	100		
121	32.9	20.5	60.5
122	86.0	53.4	93.4



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-40

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2411\S5032409.D Vial: 8
Acq On : 24 Mar 2011 4:41 pm Operator: RCS
Sample : 11C1255-40 Inst : MSD5
Misc : 1,SEVERSTAL,790ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 25 08:18:45 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:17:39 2011
Response via : Initial Calibration

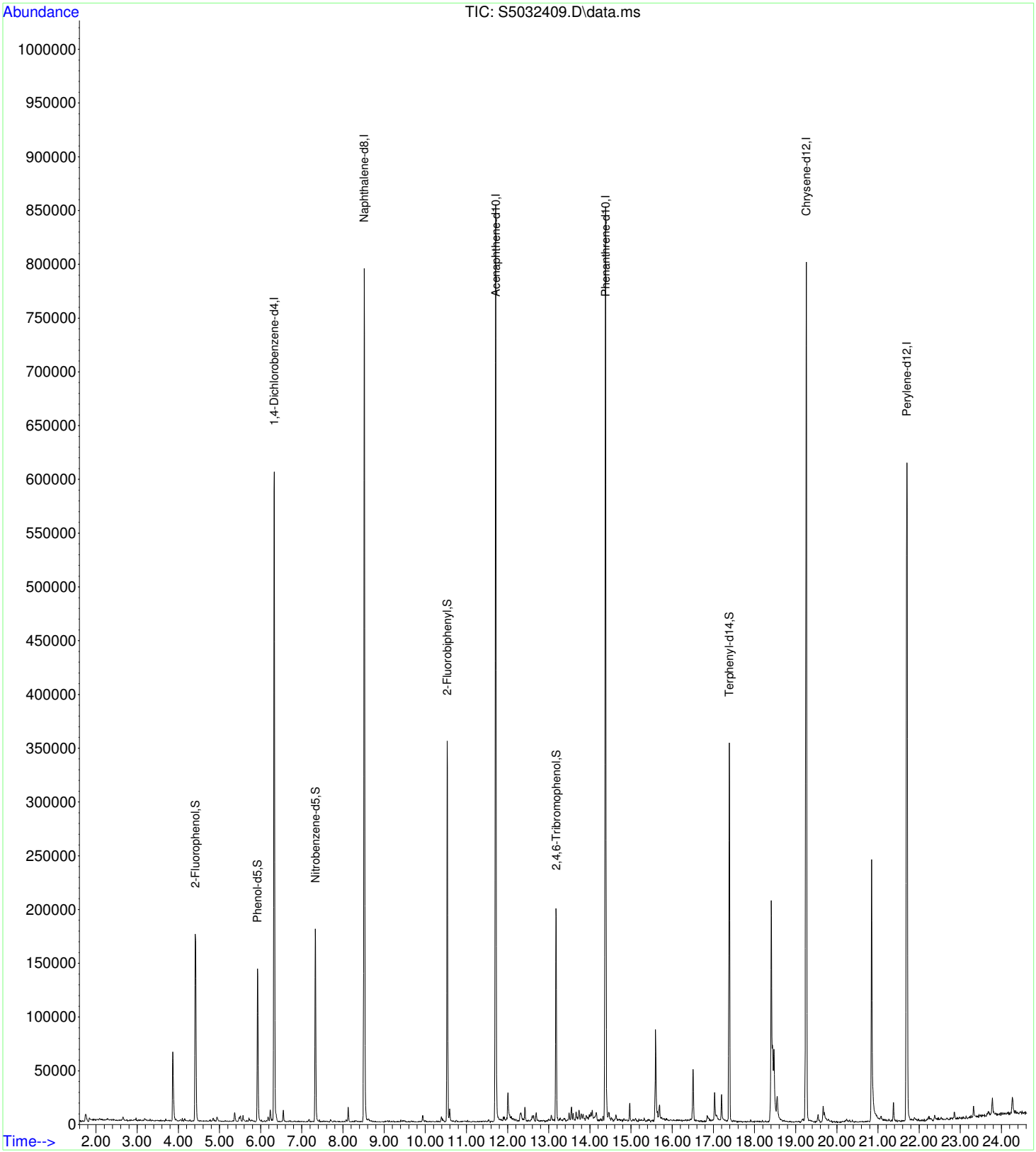
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.331	152	143031	80.00	ug/mL	0.00
20) Naphthalene-d8	8.516	136	531813	80.00	ug/mL	0.00
37) Acenaphthene-d10	11.711	164	306831	80.00	ug/mL	0.00
63) Phenanthrene-d10	14.382	188	496975	80.00	ug/mL	0.00
75) Chrysene-d12	19.258	240	475005	80.00	ug/mL	0.00
86) Perylene-d12	21.701	264	394535	80.00	ug/mL	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.412	112	79043	30.88	ug/mL	0.00
Spiked Amount 75.000	Range 10 - 83		Recovery = 41.17%			
8) Phenol-d5	5.923	99	81047	22.64	ug/mL	-0.01
Spiked Amount 75.000	Range 13 - 62		Recovery = 30.19%			
21) Nitrobenzene-d5	7.328	82	97966	29.96	ug/mL	0.00
Spiked Amount 50.000	Range 40 - 140		Recovery = 59.92%			
41) 2-Fluorobiphenyl	10.533	172	161816	30.37	ug/mL	0.00
Spiked Amount 50.000	Range 35 - 138		Recovery = 60.74%			
66) 2,4,6-Tribromophenol	13.181	330	26775	47.02	ug/mL	0.00
Spiked Amount 75.000	Range 24 - 142		Recovery = 62.69%			
78) Terphenyl-d14	17.386	244	151799	31.02	ug/mL	-0.01
Spiked Amount 50.000	Range 24 - 129		Recovery = 62.04%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2411\S5032409.D Vial: 8
Acq On : 24 Mar 2011 4:41 pm Operator: RCS
Sample : 11C1255-40 Inst : MSD5
Misc : 1,SEVERSTAL,790ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 25 08:18:45 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:17:39 2011
Response via : Initial Calibration



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-41

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2411\S5032414.D Vial: 13
Acq On : 24 Mar 2011 7:35 pm Operator: RCS
Sample : 11C1255-41 Inst : MSD5
Misc : 50,SEVERSTAL,20ul/1ml,900ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 25 08:08:31 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:06:41 2011
Response via : Initial Calibration

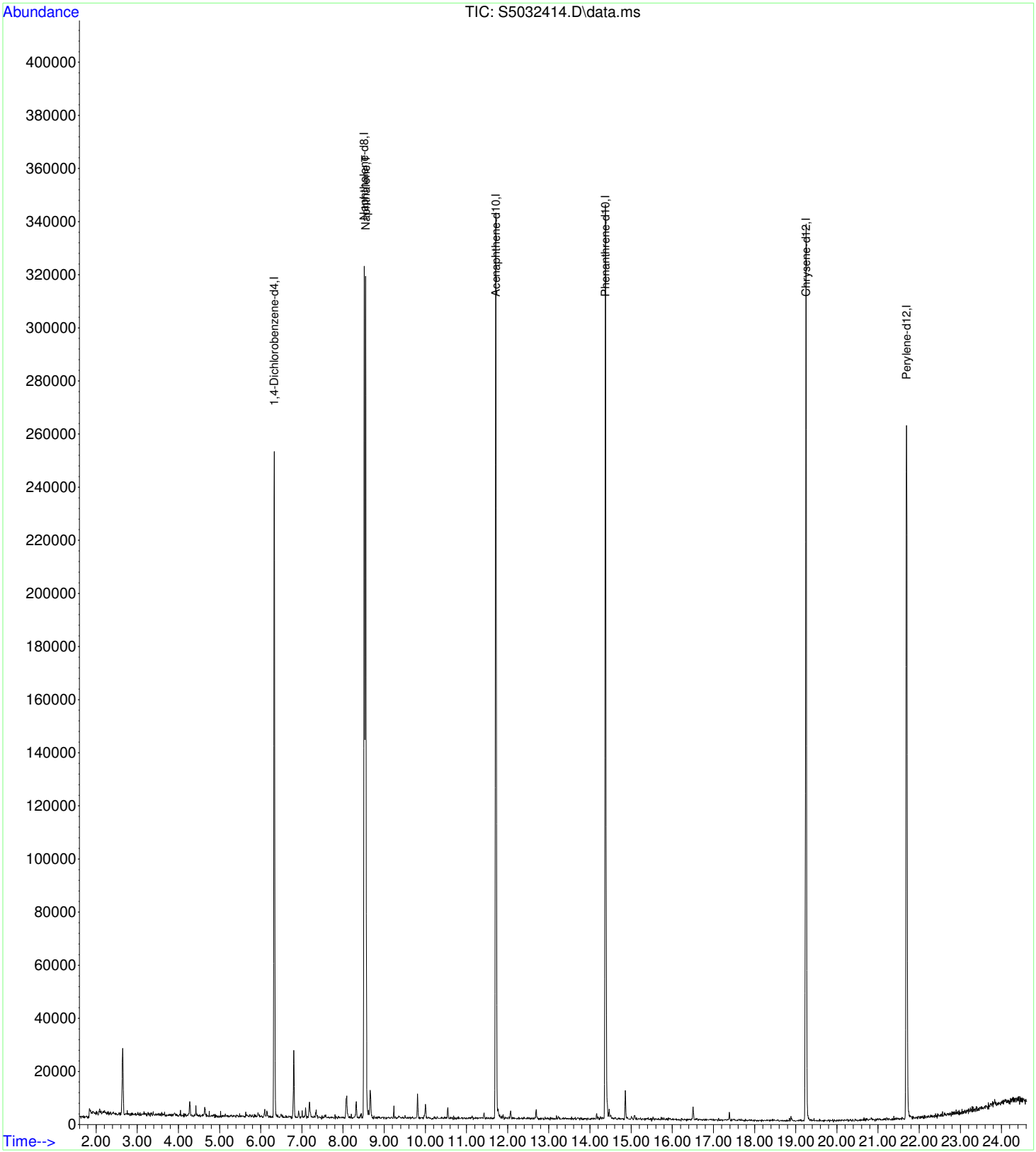
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.329	152	59653	40.00	ug/mL	0.00
20) Naphthalene-d8	8.515	136	221825	40.00	ug/mL	0.00
37) Acenaphthene-d10	11.710	164	127699	40.00	ug/mL	0.00
63) Phenanthrene-d10	14.376	188	211682	40.00	ug/mL	0.00
75) Chrysene-d12	19.251	240	203760	40.00	ug/mL	-0.01
86) Perylene-d12	21.694	264	170154	40.00	ug/mL	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.416	112	1139	0.53	ug/mL	0.01
Spiked Amount 75.000	Range 10 - 83		Recovery = 0.71%#			
8) Phenol-d5	5.932	99	1035	0.35	ug/mL	0.00
Spiked Amount 75.000	Range 13 - 62		Recovery = 0.47%#			
21) Nitrobenzene-d5	7.338	82	1532	0.56	ug/mL	0.01
Spiked Amount 50.000	Range 40 - 140		Recovery = 1.12%#			
41) 2-Fluorobiphenyl	10.544	172	2540	0.57	ug/mL	0.01
Spiked Amount 50.000	Range 35 - 138		Recovery = 1.14%#			
66) 2,4,6-Tribromophenol	13.186	330	316	0.65	ug/mL	0.00
Spiked Amount 75.000	Range 24 - 142		Recovery = 0.87%#			
78) Terphenyl-d14	17.391	244	2275	0.54	ug/mL	0.00
Spiked Amount 50.000	Range 24 - 129		Recovery = 1.08%#			
Target Compounds						Qvalue
29) Naphthalene	8.550	128	215160	37.36	ug/mL	100

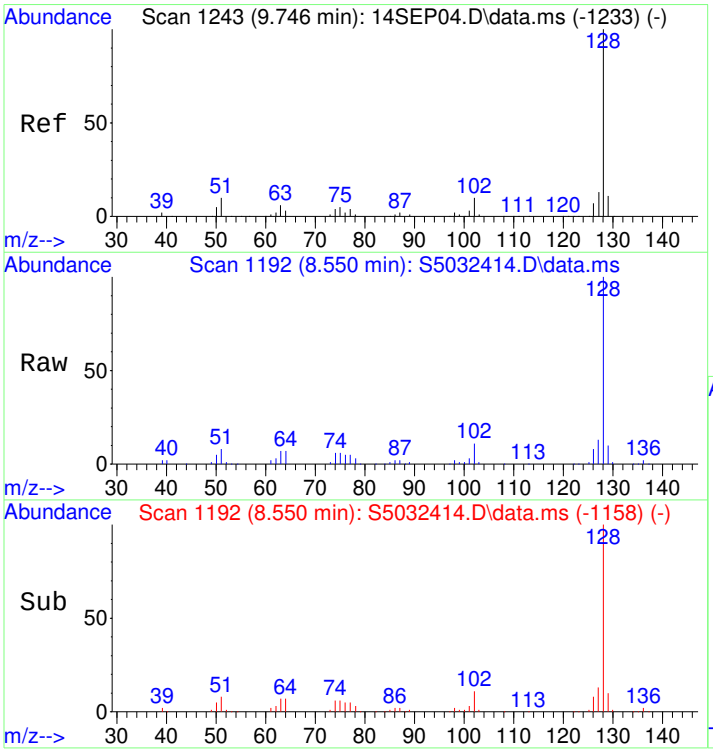
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2411\S5032414.D Vial: 13
Acq On : 24 Mar 2011 7:35 pm Operator: RCS
Sample : 11C1255-41 Inst : MSD5
Misc : 50,SEVERSTAL,20ul/1ml,900ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 25 08:08:31 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:06:41 2011
Response via : Initial Calibration

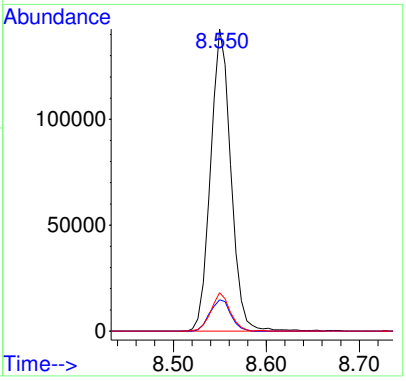




#29
Naphthalene
Concen: 37.36 ug/mL
RT: 8.550 min Scan# 1192
Delta R.T. -0.000 min
Lab File: S5032414.D
Acq: 24 Mar 11 7:35 pm

Tgt Ion:128 Resp: 215160

Ion	Ratio	Lower	Upper
128	100		
129	10.3	0.0	30.6
127	12.7	0.0	32.7



Sample Raw Data

Analysis: 8270C

Lab Number: 11C1255-44

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032914.D Vial: 13
Acq On : 29 Mar 2011 4:47 pm Operator: RCS
Sample : 11C1255-44 Inst : MSD5
Misc : 1,SEVERSTAL,850ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 29 19:54:18 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration

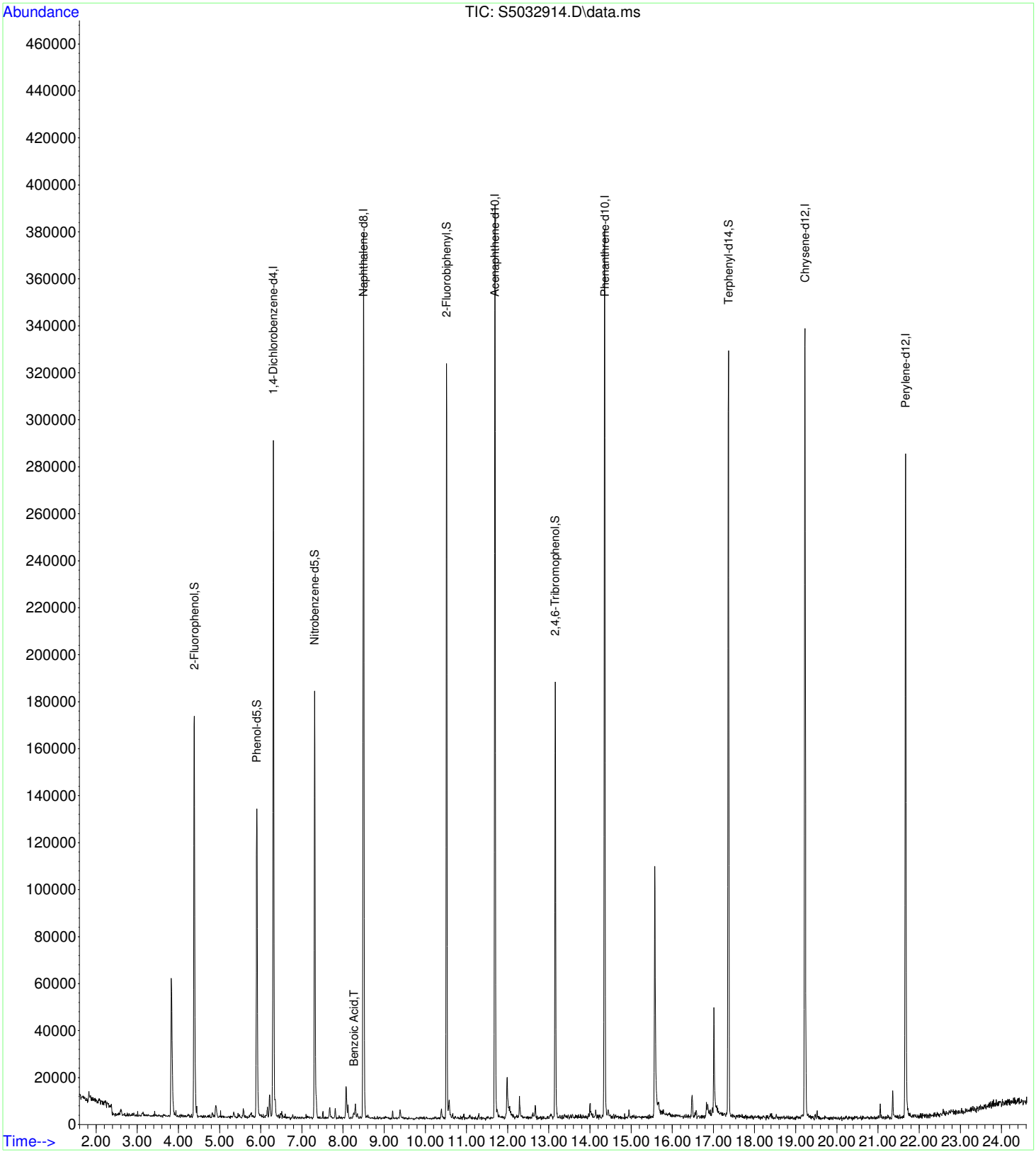
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.306	152	64288	40.00	ug/mL	-0.02
20) Naphthalene-d8	8.497	136	243184	40.00	ug/mL	-0.02
37) Acenaphthene-d10	11.693	164	137934	40.00	ug/mL	-0.02
63) Phenanthrene-d10	14.358	188	224224	40.00	ug/mL	-0.02
75) Chrysene-d12	19.227	240	195722	40.00	ug/mL	-0.04
86) Perylene-d12	21.671	264	175130	40.00	ug/mL	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.387	112	78284	34.02	ug/mL	-0.02
Spiked Amount 75.000	Range 10 - 83		Recovery = 45.36%			
8) Phenol-d5	5.904	99	78275	24.32	ug/mL	-0.03
Spiked Amount 75.000	Range 13 - 62		Recovery = 32.43%			
21) Nitrobenzene-d5	7.309	82	100013	33.45	ug/mL	-0.02
Spiked Amount 50.000	Range 40 - 140		Recovery = 66.90%			
41) 2-Fluorobiphenyl	10.515	172	154159	32.18	ug/mL	-0.02
Spiked Amount 50.000	Range 35 - 138		Recovery = 64.36%			
66) 2,4,6-Tribromophenol	13.157	330	25647	49.91	ug/mL	-0.02
Spiked Amount 75.000	Range 24 - 142		Recovery = 66.55%			
78) Terphenyl-d14	17.367	244	137703	34.15	ug/mL	-0.03
Spiked Amount 50.000	Range 24 - 129		Recovery = 68.30%			
Target Compounds						Qvalue
31) Benzoic Acid	8.264	105	1345	7.31	ug/mL#	43

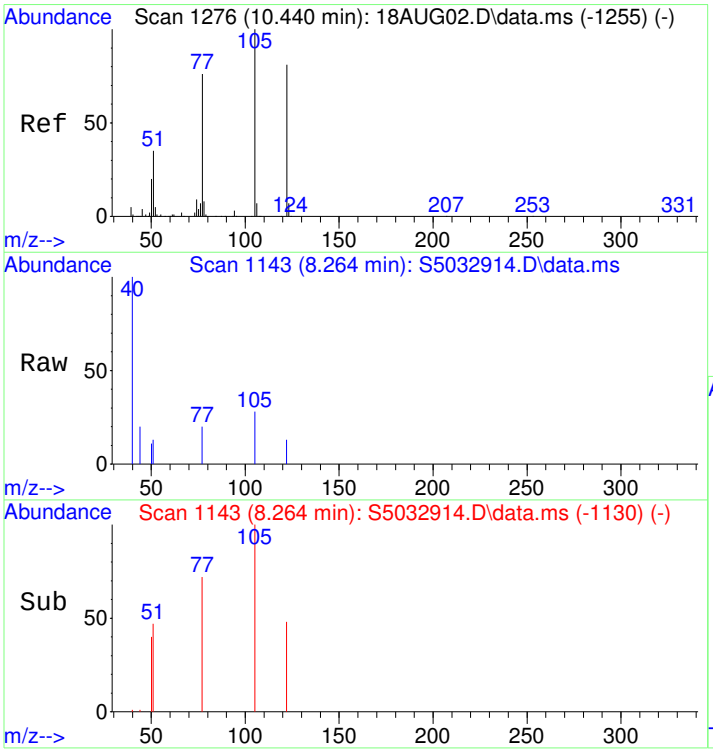
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSD5\2011\MAR\MAR2911\S5032914.D Vial: 13
Acq On : 29 Mar 2011 4:47 pm Operator: RCS
Sample : 11C1255-44 Inst : MSD5
Misc : 1,SEVERSTAL,850ml+1ml,BNAww Multiplr: 1.00

Quant Time: Mar 29 19:54:18 2011
Quant Method : C:\MSD5\METHODS\BNAMAR23.M
Quant Title : 8270/625 BNA Calibration
QLast Update : Fri Mar 25 08:33:33 2011
Response via : Initial Calibration





#31
Benzoic Acid
Concen: 7.31 ug/mL
RT: 8.264 min Scan# 1143
Delta R.T. -0.122 min
Lab File: S5032914.D
Acq: 29 Mar 11 4:47 pm

Tgt Ion:105 Resp: 1345

Ion	Ratio	Lower	Upper
105	100		
77	0.0	68.0	108.0#
122	59.0	43.0	83.0