



AECOM
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July 30, 2024

Ms. Lindley Campbell
Maryland Department of Environment
Oil Control Program
1800 Washington Blvd. Suite 620
Baltimore, Maryland 21230-1719

Project No.: 60653044

**Subject: Annual Groundwater Compliance Sampling
7-Eleven Store #28924
4213 Ridge Road
Taylorsville, MD
Facility I.D. No. 1440**

Dear Ms. Campbell,

AECOM Technical Services, Inc. (AECOM) on behalf of 7-Eleven, Inc. (7-Eleven), is submitting the attached table, figure, and laboratory analytical results for groundwater sampling conducted at the above-referenced site on June 19, 2024. As required by Maryland Department of Environment (MDE) regulations regarding retail petroleum facilities in "high risk groundwater use" and well head protection areas, AECOM conducted routine (annual) groundwater sampling of three monitoring wells, two tank field monitoring wells, and the point of entry treatment (POET) system for the potable well at the above-referenced store (**Figure 1**).

Samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260 and potable wells were analyzed for full VOCs, including fuel oxygenates, via EPA Method 524.2 per Code of Maryland Regulations (COMAR) 26.10.02.03-4. All results were below the laboratory detection limits except for benzene in monitoring wells RW-2 (71.9 micrograms-per-liter [$\mu\text{g/L}$]) and TFMW-2 (12.7 $\mu\text{g/L}$), toluene in monitoring wells RW-2 (16.2 $\mu\text{g/L}$) and TFMW-2 (8.01 $\mu\text{g/L}$), xylenes in monitoring wells RW-2 (17.7 $\mu\text{g/L}$) and TFMW-1 (12.9 $\mu\text{g/L}$), methyl tert-butyl ether (MTBE) in monitoring wells R-MW-1 (1.28 $\mu\text{g/L}$), RW-2 (79.2 $\mu\text{g/L}$), TFMW-1 (1.03 $\mu\text{g/L}$), TFMW-2 (2.11 $\mu\text{g/L}$) and tert-butyl alcohol (TBA) in monitoring well RW-2 in (8.53 $\mu\text{g/L}$). Results are presented in **Table 1**.

Tank field wells TF-1 and TF-2 were gauged and screened with a photoionization detector (PID). PID readings in the tank field wells were of 28.4 parts-per-million (ppm) and 1.3 ppm (respectively) and both were dry. No liquid-phase hydrocarbons were detected.

Annual sampling will next be conducted at this site in June 2025. If you have any questions, please contact Rachael Allen at 410-379-6837.

Yours sincerely,



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Attachments:

- Table 1 - Groundwater Analytical Results
- Figure 1 - Site Plan
- Appendix A – Laboratory Analytical Results

Groundwater Analytical Results

7-Eleven Store No. 28924

Taylorsville, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
R-MW-1	6/30/08	ND@1	ND@1	ND@1	ND@3	BDL	1	ND@20	ND@10
	12/31/08	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	ND@20	ND@10
	12/16/09	ND@1	ND@1	ND@1	ND@3	BDL	1	ND@20	ND@10
	12/29/10	ND@1	ND@1	ND@1	ND@3	BDL	1	ND@20	ND@10
	12/7/11	NS	NS	NS	NS	NS	NS	NS	NS
	2/27/12*	ND@1	ND@1	ND@1	ND@3	BDL	4.9	ND@20	ND@10
	12/5/12	ND@1	ND@1	ND@1	ND@3	BDL	8.7	ND@20	ND@10
	6/20/13	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	12/20/13	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/30/14	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	12/22/14	1,200	3,100	560	5,100	9,960	ND@20	NA	NA
	12/10/15	141	57.0	643	754	1,595	12.3	NA	NA
	12/27/16	ND@1	ND@1	1.96	ND@3	1.96	72.9	NA	NA
	1/27/17	ND@1	ND@1	ND@1	ND@3	BDL	19.9	ND@10	ND@1
	6/2/17	1.37	ND@1	24.5	5.46	31.33	ND@1	NA	NA
	6/28/18	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/6/19	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/30/20	ND@1	ND@1	ND@1	ND@10	BDL	3.62	NA	NA
	6/24/21	ND@1	ND@1	ND@1	ND@10	BDL	12.2	NA	NA
	6/17/22	ND@1	ND@1	ND@1	ND@3	BDL	3.59	NA	NA
6/26/23	ND@1	ND@1	ND@1	ND@3	BDL	17.6	NA	NA	
6/19/24	ND@1	ND@1	ND@1	ND@3	BDL	1.28	ND@5	ND@1	
MW-3	6/30/08	4	ND @ 1	25	16	45	24	ND @ 20	ND@10
	12/31/08	5	3	46	71	125	19	ND @ 20	ND @ 10
	12/16/09	3	ND @ 1	18	15	36	ND @ 1	ND @ 20	ND @ 10
	12/29/10	10	6	89	144	249	ND @ 1	ND @ 20	ND @ 10
	12/7/11	2.9	ND @ 1	32	20	55	ND @ 1	ND @ 20	ND @ 10
	12/5/12	2.7	ND @ 1	33	42	78	ND @ 1	ND @ 20	ND @ 10
	6/20/13	2.0	ND @ 1	24	23	49	ND @ 1	NA	NA
	12/20/13	3.1	1.4	46	57.4	108	ND @ 1	NA	NA
	6/30/14	1.1	ND @ 1	9	ND @ 3	10	ND @ 1	NA	NA
	12/22/15	23	ND @ 1	28	35	86	ND @ 1	NA	NA
6/29/15	ND@1	ND @ 1	1.41	ND @ 3	1.41	ND @ 1	NA	NA	
Abandoned for UST replacement; replaced by MW-3R on 9/10/15									
MW-3R	12/10/15	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	12/27/16	No water in well, could not sample							
	1/27/17	No water in well, could not sample							
	6/2/17	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/28/18	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/6/19	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/30/20	ND@1	ND@1	ND@1	ND@10	BDL	ND@1	NA	NA
	6/24/21	ND@1	8.83	2.52	16.5	27.85	ND@1	NA	NA
	6/17/22	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/26/23	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
6/19/24	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	ND@5	ND@1	
MDE Cleanup Standard		5	1,000	700	10,000	--	20	--	--

BTEX - Total Benzene, Toluene, Ethylbenzene and Xylenes

MTBE - Methyl Tert-Butyl Ether

TBA - Tert-Butyl Alcohol

TAME - Tert-Amyl Methyl Ether

µg/L - micrograms-per-liter

ND @ x - not detected above laboratory detection level of x

BOLD - indicates exceedance of MDE Groundwater Cleanup Standards - October 2018

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NA - Not analyzed

NS - Well paved over and inaccessible

* - Well located and sampled as addendum to 2011 annual sampling

Groundwater Analytical Results

7-Eleven Store No. 28924

Taylorsville, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
RW-2	6/30/08	ND@1	ND@1	ND@1	ND@3	BDL	110	ND@20	ND@10
	12/31/08	ND@1	ND@1	ND@1	ND@3	BDL	180	ND@20	ND@10
	12/16/09	ND@1	ND@1	ND@1	ND@3	BDL	87	ND@20	ND@10
	12/29/10	ND@1	ND@1	ND@1	ND@3	BDL	62	ND@20	ND@10
	12/7/11	ND@1	ND@1	ND@1	ND@3	BDL	58	ND@20	ND@10
	12/5/12	ND@1	ND@1	ND@1	ND@3	BDL	93	ND@20	ND@10
	6/20/13	ND@1	ND@1	ND@1	ND@3	BDL	32	NA	NA
	12/20/13	ND@1	ND@1	ND@1	ND@3	BDL	67	NA	NA
	6/30/14	ND@1	ND@1	ND@1	ND@3	BDL	180	NA	NA
	12/22/14	ND@1	ND@1	ND@1	ND@3	BDL	47	NA	NA
	12/10/15	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	12/27/16	ND@1	ND@1	ND@1	ND@3	BDL	17	NA	NA
	6/2/17	ND@1	ND@1	ND@1	ND@3	BDL	176	NA	NA
	6/28/18	ND@1	ND@1	ND@1	ND@3	BDL	95.8	NA	NA
	6/6/19	ND@1	ND@1	ND@1	ND@3	BDL	12.2	NA	NA
	6/30/20	ND@1	ND@1	ND@1	ND@10	BDL	42.6	NA	NA
	6/24/21	ND@1	ND@1	ND@1	ND@10	BDL	22	NA	NA
	6/17/22	ND@1	ND@1	ND@1	ND@3	BDL	34.7	NA	NA
6/26/23	ND@1	ND@1	ND@1	ND@3	BDL	26.6	NA	NA	
6/19/24	71.9	16.2	ND@1	17.7	105.8	79.2	8.53	ND@1	
TFMW-1	7/17/19	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	ND@10	ND@1
	6/30/20	ND@1	ND@1	ND@1	ND@10	BDL	3.36	NA	NA
	6/24/21	ND@1	ND@1	ND@1	ND@10	BDL	ND@1	NA	NA
	6/17/22	ND@1	ND@1	ND@1	ND@3	BDL	1.62	NA	NA
	6/26/23	ND@1	ND@1	ND@1	ND@3	BDL	NA	NA	NA
	6/19/24	ND@1	ND@1	ND@1	ND@3	BDL	1.03	ND@5	ND@1
TFMW-2	7/17/19	ND@1	ND@1	ND@1	ND@3	BDL	4.43	ND@10	ND@1
	6/30/20	ND@1	ND@1	ND@1	ND@10	BDL	ND@1	NA	NA
	6/24/21	ND@1	ND@1	ND@1	ND@10	BDL	ND@1	NA	NA
	6/17/22	ND@1	ND@1	ND@1	ND@3	BDL	ND@2	NA	NA
	6/26/23	ND@1	ND@1	ND@1	ND@3	BDL	NA	ND@5	ND@1
	6/19/24	12.7	8.01	ND@1	12.9	33.61	2.11	ND@5	ND@1
MDE Cleanup Standard		5	1,000	700	10,000	--	20	--	--

BTEX - Total Benzene, Toluene, Ethylbenzene and Xylenes

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7-Eleven Store No. 28924

Taylorsville, Maryland

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7-11 Potable Well Influent	6/30/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5
	12/31/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@10
	12/16/09	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.7	ND@0.5	ND@10
	12/29/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.6	ND@0.5	ND@10
	12/7/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@10
	12/5/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.56	ND@0.5	ND@10
	6/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.0	ND@0.5	ND@5
	6/30/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/22/14	46	8.9	ND@0.5	106	161	2.0	ND@0.5	ND@5
	6/29/15	6.94	ND@0.5	ND@0.5	2.27	9	1.44	ND@0.5	ND@5
	12/10/15	3.09	ND@0.5	ND@0.5	ND@1.0	3	2.34	ND@0.5	ND@5
	12/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	2.18	ND@10	ND@0.5
	6/2/17	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	1.80	ND@10	ND@0.5
	6/28/18	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/6/19	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/30/20	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
	6/24/21	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
6/17/22	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
6/26/23	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	0.53	ND@5	NA	
6/19/24	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
7-11 Potable Well Mid-point	12/16/09	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/29/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.8	ND@0.5	ND@5
	12/7/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/5/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	6/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	6/30/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/22/14	1.4	ND@0.5	ND@0.5	2.4	3.8	2.0	ND@0.5	ND@5
	6/29/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.62	ND@0.5	ND@5
	12/10/15	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@0.5	ND@5
	12/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	0.633	ND@10	ND@0.5
	6/2/17	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	0.849	ND@10	ND@0.5
	6/28/18	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/6/19	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/30/20	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
	6/24/21	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
	6/17/22	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA
	6/26/23	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	0.53	ND@5	NA
6/19/24	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
MDE Cleanup Standard	5	1,000	700	10,000	--	20	--	--	

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Groundwater Analytical Results

7-Eleven Store No. 28924

Taylorsville, Maryland

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7-11 Potable Well Effluent	6/30/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5
	12/31/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@10
	12/16/09	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/29/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/7/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/5/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	6/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	6/30/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/22/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.7	ND@0.5	ND@5
	6/29/15	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@0.5	ND@5
	12/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	0.593	ND@10	ND@0.5
	6/2/17	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/28/18	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	1.07	ND@10	ND@0.5
	6/6/19	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/30/20	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
	6/24/21	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
6/17/22	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
6/26/23	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
6/19/24	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
MDE Cleanup Standard		5	1,000	700	10,000	--	20	--	--

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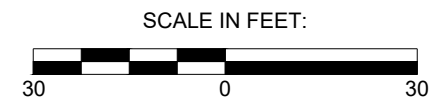
LEGEND

- E — UG ELECTRIC LINE
- T — COMMUNICATIONS LINE
- FORMER UST SYSTEM
- NEW UST SYSTEM
- TF-1 FORMER TANK FIELD OBSERVATION WELL
- SAN — SANITARY LINE
- SD — STORM DRAIN LINE
- NEW UST SYSTEM
- ⊙ LIGHT POLE
- TF-1 TANK FIELD OBSERVATION WELL
- ⊙ MW-3R MONITORING WELL
- ⊙ MW-3 ABANDONED WELL
- ⊙ RW FORMER RECOVERY WELL

Note: MW-3 was abandoned in July 2015 in advance of the UST replacement activities. New UST system installed 7/31/15

File: C:\Users\Radwan.Shrifa\AECOM\Directory\GIS Services - GIS CAD PROJECTS\CENTRAL REGION\UST\7-Eleven\Maryland\28924_Taylorville\02_1\Work\Taylorville\28924_071921.dwg Layout: Site Plan Date: 23 Jul 2021 Xrefs:

Google Imagery



NOTE: ALL MAP FEATURES ARE APPROXIMATE IN SCALE AND LOCATION.

7-Eleven, Inc.
 7-Eleven Store #28924
 4213 Ridge Rd
 Westminster, Maryland

SITE PLAN

FIGURE 1



DATE: JULY 2024	DRAWN BY: R. CARDASOL	REVIEWED BY: M. PRICE	PROJECT NO.: 60653044
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711 AECOM - Annapolis Junction

Sample Delivery Group: L1749451
Samples Received: 06/21/2024
Project Number: 60653044
Description: 7-11 #28924
Site: 28924
Report To: Rachael Allen
430 National Business Parkway
Suite 190
Annapolis Junction, MD 20701

Entire Report Reviewed By:



Marty Edwards III
Project Manager

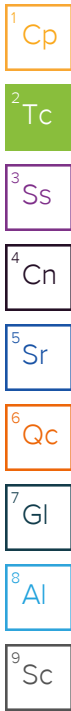
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Pace Analytical National

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SAMPLE SUMMARY

R-MW-1 L1749451-01 GW

Collected by Sarah Layer Collected date/time 06/19/24 11:00 Received date/time 06/21/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2313003	1	06/27/24 07:17	06/27/24 07:17	BAM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2312155	1	06/26/24 15:25	06/27/24 01:09	AMS	Mt. Juliet, TN



MW-3R L1749451-02 GW

Collected by Sarah Layer Collected date/time 06/19/24 13:05 Received date/time 06/21/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2313003	1	06/27/24 07:37	06/27/24 07:37	BAM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2312155	1	06/26/24 15:25	06/27/24 01:28	AMS	Mt. Juliet, TN

RW-2 L1749451-03 GW

Collected by Sarah Layer Collected date/time 06/20/24 16:00 Received date/time 06/21/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2313003	1	06/27/24 07:57	06/27/24 07:57	BAM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2312159	1	06/26/24 13:16	06/26/24 21:11	DSH	Mt. Juliet, TN

TFMW-1 L1749451-04 GW

Collected by Sarah Layer Collected date/time 06/19/24 14:10 Received date/time 06/21/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2313003	1	06/27/24 08:17	06/27/24 08:17	BAM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2312155	1	06/26/24 15:25	06/27/24 01:48	AMS	Mt. Juliet, TN

TFMW-2 L1749451-05 GW

Collected by Sarah Layer Collected date/time 06/19/24 11:40 Received date/time 06/21/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2313003	1	06/27/24 08:38	06/27/24 08:38	BAM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2312155	1	06/26/24 15:25	06/27/24 02:08	AMS	Mt. Juliet, TN

GAC-INF L1749451-06 GW

Collected by Sarah Layer Collected date/time 06/19/24 15:25 Received date/time 06/21/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2310858	1	06/24/24 15:47	06/24/24 15:47	DWR	Mt. Juliet, TN

GAC-MID L1749451-07 GW

Collected by Sarah Layer Collected date/time 06/19/24 15:20 Received date/time 06/21/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2310858	1	06/24/24 16:11	06/24/24 16:11	DWR	Mt. Juliet, TN

SAMPLE SUMMARY

GAC-EFF L1749451-08 GW

Collected by: Sarah Layer
 Collected date/time: 06/19/24 15:15
 Received date/time: 06/21/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2310858	1	06/24/24 16:34	06/24/24 16:34	DWR	Mt. Juliet, TN

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Marty Edwards III
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Acetone	ND		0.0500	1	06/27/2024 07:17	WG2313003
Acrylonitrile	ND		0.0100	1	06/27/2024 07:17	WG2313003
Benzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
Bromobenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
Bromochloromethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
Bromodichloromethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
Bromoform	ND		0.00100	1	06/27/2024 07:17	WG2313003
Bromomethane	ND		0.00500	1	06/27/2024 07:17	WG2313003
n-Butylbenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
sec-Butylbenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
tert-Butylbenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
Carbon tetrachloride	ND		0.00100	1	06/27/2024 07:17	WG2313003
Carbon disulfide	ND		0.00100	1	06/27/2024 07:17	WG2313003
Chlorobenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
Chlorodibromomethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
Chloroethane	ND	J4	0.00500	1	06/27/2024 07:17	WG2313003
Chloroform	ND		0.00500	1	06/27/2024 07:17	WG2313003
Chloromethane	ND		0.00250	1	06/27/2024 07:17	WG2313003
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	06/27/2024 07:17	WG2313003
1,2-Dibromoethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
Dibromomethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,2-Dichlorobenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,3-Dichlorobenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,4-Dichlorobenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
trans-1,4-Dichloro-2-butene	ND		0.00250	1	06/27/2024 07:17	WG2313003
Dichlorodifluoromethane	ND		0.00500	1	06/27/2024 07:17	WG2313003
1,1-Dichloroethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,2-Dichloroethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,1-Dichloroethene	ND		0.00100	1	06/27/2024 07:17	WG2313003
cis-1,2-Dichloroethene	ND		0.00100	1	06/27/2024 07:17	WG2313003
trans-1,2-Dichloroethene	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,2-Dichloropropane	ND		0.00100	1	06/27/2024 07:17	WG2313003
cis-1,3-Dichloropropene	ND		0.00100	1	06/27/2024 07:17	WG2313003
trans-1,3-Dichloropropene	ND		0.00100	1	06/27/2024 07:17	WG2313003
Ethylbenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
Hexachloro-1,3-butadiene	ND		0.00100	1	06/27/2024 07:17	WG2313003
2-Hexanone	ND		0.0100	1	06/27/2024 07:17	WG2313003
2-Butanone (MEK)	ND		0.0100	1	06/27/2024 07:17	WG2313003
Iodomethane	ND		0.0100	1	06/27/2024 07:17	WG2313003
Methylene Chloride	ND		0.00500	1	06/27/2024 07:17	WG2313003
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/27/2024 07:17	WG2313003
Naphthalene	ND		0.00500	1	06/27/2024 07:17	WG2313003
n-Propylbenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
Styrene	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
Tetrachloroethene	ND		0.00100	1	06/27/2024 07:17	WG2313003
Toluene	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,2,4-Trichlorobenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,1,1-Trichloroethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
1,1,2-Trichloroethane	ND		0.00100	1	06/27/2024 07:17	WG2313003
Trichloroethene	ND		0.00100	1	06/27/2024 07:17	WG2313003
Trichlorofluoromethane	ND	J4	0.00500	1	06/27/2024 07:17	WG2313003
1,2,3-Trichloropropane	ND		0.00250	1	06/27/2024 07:17	WG2313003
1,2,4-Trimethylbenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		0.00100	1	06/27/2024 07:17	WG2313003
Vinyl acetate	ND		0.0100	1	06/27/2024 07:17	WG2313003
Vinyl chloride	ND		0.00100	1	06/27/2024 07:17	WG2313003
Xylenes, Total	ND		0.00300	1	06/27/2024 07:17	WG2313003
Di-isopropyl ether	ND		0.00100	1	06/27/2024 07:17	WG2313003
Ethanol	ND		0.100	1	06/27/2024 07:17	WG2313003
Ethyl tert-butyl ether	ND		0.00100	1	06/27/2024 07:17	WG2313003
Methyl tert-butyl ether	0.00128		0.00100	1	06/27/2024 07:17	WG2313003
tert-Butyl alcohol	ND		0.00500	1	06/27/2024 07:17	WG2313003
tert-Amyl Methyl Ether	ND		0.00100	1	06/27/2024 07:17	WG2313003
(S) Toluene-d8	98.5		80.0-120		06/27/2024 07:17	WG2313003
(S) 4-Bromofluorobenzene	110		77.0-126		06/27/2024 07:17	WG2313003
(S) 1,2-Dichloroethane-d4	93.3		70.0-130		06/27/2024 07:17	WG2313003

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Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Acenaphthene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Acenaphthylene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Benzo(a)anthracene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Benzo(a)pyrene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Benzo(b)fluoranthene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Benzo(g,h,i)perylene	0.000258		0.0000500	1	06/27/2024 01:09	WG2312155
Benzo(k)fluoranthene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Chrysene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Dibenz(a,h)anthracene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Fluoranthene	ND		0.000100	1	06/27/2024 01:09	WG2312155
Fluorene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Indeno(1,2,3-cd)pyrene	0.0000620		0.0000500	1	06/27/2024 01:09	WG2312155
Naphthalene	ND		0.000250	1	06/27/2024 01:09	WG2312155
Phenanthrene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
Pyrene	ND		0.0000500	1	06/27/2024 01:09	WG2312155
1-Methylnaphthalene	ND		0.000250	1	06/27/2024 01:09	WG2312155
2-Methylnaphthalene	ND		0.000250	1	06/27/2024 01:09	WG2312155
2-Chloronaphthalene	ND		0.000250	1	06/27/2024 01:09	WG2312155
(S) Nitrobenzene-d5	80.5		31.0-160		06/27/2024 01:09	WG2312155
(S) 2-Fluorobiphenyl	75.8		48.0-148		06/27/2024 01:09	WG2312155
(S) p-Terphenyl-d14	72.1		37.0-146		06/27/2024 01:09	WG2312155

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Acetone	ND		0.0500	1	06/27/2024 07:37	WG2313003
Acrylonitrile	ND		0.0100	1	06/27/2024 07:37	WG2313003
Benzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
Bromobenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
Bromochloromethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
Bromodichloromethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
Bromoform	ND		0.00100	1	06/27/2024 07:37	WG2313003
Bromomethane	ND		0.00500	1	06/27/2024 07:37	WG2313003
n-Butylbenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
sec-Butylbenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
tert-Butylbenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
Carbon tetrachloride	ND		0.00100	1	06/27/2024 07:37	WG2313003
Carbon disulfide	ND		0.00100	1	06/27/2024 07:37	WG2313003
Chlorobenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
Chlorodibromomethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
Chloroethane	ND	J4	0.00500	1	06/27/2024 07:37	WG2313003
Chloroform	ND		0.00500	1	06/27/2024 07:37	WG2313003
Chloromethane	ND		0.00250	1	06/27/2024 07:37	WG2313003
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	06/27/2024 07:37	WG2313003
1,2-Dibromoethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
Dibromomethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,2-Dichlorobenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,3-Dichlorobenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,4-Dichlorobenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
trans-1,4-Dichloro-2-butene	ND		0.00250	1	06/27/2024 07:37	WG2313003
Dichlorodifluoromethane	ND		0.00500	1	06/27/2024 07:37	WG2313003
1,1-Dichloroethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,2-Dichloroethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,1-Dichloroethene	ND		0.00100	1	06/27/2024 07:37	WG2313003
cis-1,2-Dichloroethene	ND		0.00100	1	06/27/2024 07:37	WG2313003
trans-1,2-Dichloroethene	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,2-Dichloropropane	ND		0.00100	1	06/27/2024 07:37	WG2313003
cis-1,3-Dichloropropene	ND		0.00100	1	06/27/2024 07:37	WG2313003
trans-1,3-Dichloropropene	ND		0.00100	1	06/27/2024 07:37	WG2313003
Ethylbenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
Hexachloro-1,3-butadiene	ND		0.00100	1	06/27/2024 07:37	WG2313003
2-Hexanone	ND		0.0100	1	06/27/2024 07:37	WG2313003
2-Butanone (MEK)	ND		0.0100	1	06/27/2024 07:37	WG2313003
Iodomethane	ND		0.0100	1	06/27/2024 07:37	WG2313003
Methylene Chloride	ND		0.00500	1	06/27/2024 07:37	WG2313003
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/27/2024 07:37	WG2313003
Naphthalene	ND		0.00500	1	06/27/2024 07:37	WG2313003
n-Propylbenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
Styrene	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
Tetrachloroethene	ND		0.00100	1	06/27/2024 07:37	WG2313003
Toluene	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,2,4-Trichlorobenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,1,1-Trichloroethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
1,1,2-Trichloroethane	ND		0.00100	1	06/27/2024 07:37	WG2313003
Trichloroethene	ND		0.00100	1	06/27/2024 07:37	WG2313003
Trichlorofluoromethane	ND	J4	0.00500	1	06/27/2024 07:37	WG2313003
1,2,3-Trichloropropane	ND		0.00250	1	06/27/2024 07:37	WG2313003
1,2,4-Trimethylbenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003

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Tc

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Cn

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Sr

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Qc

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Gl

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Al

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Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		0.00100	1	06/27/2024 07:37	WG2313003
Vinyl acetate	ND		0.0100	1	06/27/2024 07:37	WG2313003
Vinyl chloride	ND		0.00100	1	06/27/2024 07:37	WG2313003
Xylenes, Total	ND		0.00300	1	06/27/2024 07:37	WG2313003
Di-isopropyl ether	ND		0.00100	1	06/27/2024 07:37	WG2313003
Ethanol	ND		0.100	1	06/27/2024 07:37	WG2313003
Ethyl tert-butyl ether	ND		0.00100	1	06/27/2024 07:37	WG2313003
Methyl tert-butyl ether	ND		0.00100	1	06/27/2024 07:37	WG2313003
tert-Butyl alcohol	ND		0.00500	1	06/27/2024 07:37	WG2313003
tert-Amyl Methyl Ether	ND		0.00100	1	06/27/2024 07:37	WG2313003
(S) Toluene-d8	97.8		80.0-120		06/27/2024 07:37	WG2313003
(S) 4-Bromofluorobenzene	105		77.0-126		06/27/2024 07:37	WG2313003
(S) 1,2-Dichloroethane-d4	94.6		70.0-130		06/27/2024 07:37	WG2313003

1
Cp

2
Tc

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Ss

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Cn

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Sr

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Qc

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Gl

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Al

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Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Acenaphthene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Acenaphthylene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Benzo(a)anthracene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Benzo(a)pyrene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Benzo(b)fluoranthene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Benzo(g,h,i)perylene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Benzo(k)fluoranthene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Chrysene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Dibenz(a,h)anthracene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Fluoranthene	ND		0.000100	1	06/27/2024 01:28	WG2312155
Fluorene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Naphthalene	ND		0.000250	1	06/27/2024 01:28	WG2312155
Phenanthrene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
Pyrene	ND		0.0000500	1	06/27/2024 01:28	WG2312155
1-Methylnaphthalene	ND		0.000250	1	06/27/2024 01:28	WG2312155
2-Methylnaphthalene	ND		0.000250	1	06/27/2024 01:28	WG2312155
2-Chloronaphthalene	ND		0.000250	1	06/27/2024 01:28	WG2312155
(S) Nitrobenzene-d5	77.4		31.0-160		06/27/2024 01:28	WG2312155
(S) 2-Fluorobiphenyl	80.5		48.0-148		06/27/2024 01:28	WG2312155
(S) p-Terphenyl-d14	72.1		37.0-146		06/27/2024 01:28	WG2312155

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Acetone	0.0555		0.0500	1	06/27/2024 07:57	WG2313003
Acrylonitrile	ND		0.0100	1	06/27/2024 07:57	WG2313003
Benzene	0.0719		0.00100	1	06/27/2024 07:57	WG2313003
Bromobenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
Bromochloromethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
Bromodichloromethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
Bromoform	ND		0.00100	1	06/27/2024 07:57	WG2313003
Bromomethane	ND		0.00500	1	06/27/2024 07:57	WG2313003
n-Butylbenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
sec-Butylbenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
tert-Butylbenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
Carbon tetrachloride	ND		0.00100	1	06/27/2024 07:57	WG2313003
Carbon disulfide	ND		0.00100	1	06/27/2024 07:57	WG2313003
Chlorobenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
Chlorodibromomethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
Chloroethane	ND	J4	0.00500	1	06/27/2024 07:57	WG2313003
Chloroform	ND		0.00500	1	06/27/2024 07:57	WG2313003
Chloromethane	ND		0.00250	1	06/27/2024 07:57	WG2313003
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	06/27/2024 07:57	WG2313003
1,2-Dibromoethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
Dibromomethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,2-Dichlorobenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,3-Dichlorobenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,4-Dichlorobenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
trans-1,4-Dichloro-2-butene	ND		0.00250	1	06/27/2024 07:57	WG2313003
Dichlorodifluoromethane	ND		0.00500	1	06/27/2024 07:57	WG2313003
1,1-Dichloroethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,2-Dichloroethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,1-Dichloroethene	ND		0.00100	1	06/27/2024 07:57	WG2313003
cis-1,2-Dichloroethene	ND		0.00100	1	06/27/2024 07:57	WG2313003
trans-1,2-Dichloroethene	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,2-Dichloropropane	ND		0.00100	1	06/27/2024 07:57	WG2313003
cis-1,3-Dichloropropene	ND		0.00100	1	06/27/2024 07:57	WG2313003
trans-1,3-Dichloropropene	ND		0.00100	1	06/27/2024 07:57	WG2313003
Ethylbenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
Hexachloro-1,3-butadiene	ND		0.00100	1	06/27/2024 07:57	WG2313003
2-Hexanone	ND		0.0100	1	06/27/2024 07:57	WG2313003
2-Butanone (MEK)	0.0119		0.0100	1	06/27/2024 07:57	WG2313003
Iodomethane	ND		0.0100	1	06/27/2024 07:57	WG2313003
Methylene Chloride	ND		0.00500	1	06/27/2024 07:57	WG2313003
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/27/2024 07:57	WG2313003
Naphthalene	ND		0.00500	1	06/27/2024 07:57	WG2313003
n-Propylbenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
Styrene	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
Tetrachloroethene	ND		0.00100	1	06/27/2024 07:57	WG2313003
Toluene	0.0162		0.00100	1	06/27/2024 07:57	WG2313003
1,2,4-Trichlorobenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,1,1-Trichloroethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
1,1,2-Trichloroethane	ND		0.00100	1	06/27/2024 07:57	WG2313003
Trichloroethene	ND		0.00100	1	06/27/2024 07:57	WG2313003
Trichlorofluoromethane	ND	J4	0.00500	1	06/27/2024 07:57	WG2313003
1,2,3-Trichloropropane	ND		0.00250	1	06/27/2024 07:57	WG2313003
1,2,4-Trimethylbenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		0.00100	1	06/27/2024 07:57	WG2313003
Vinyl acetate	ND		0.0100	1	06/27/2024 07:57	WG2313003
Vinyl chloride	ND		0.00100	1	06/27/2024 07:57	WG2313003
Xylenes, Total	0.0177		0.00300	1	06/27/2024 07:57	WG2313003
Di-isopropyl ether	0.00396		0.00100	1	06/27/2024 07:57	WG2313003
Ethanol	ND		0.100	1	06/27/2024 07:57	WG2313003
Ethyl tert-butyl ether	ND		0.00100	1	06/27/2024 07:57	WG2313003
Methyl tert-butyl ether	0.0792		0.00100	1	06/27/2024 07:57	WG2313003
tert-Butyl alcohol	0.00853		0.00500	1	06/27/2024 07:57	WG2313003
tert-Amyl Methyl Ether	ND		0.00100	1	06/27/2024 07:57	WG2313003
(S) Toluene-d8	95.5		80.0-120		06/27/2024 07:57	WG2313003
(S) 4-Bromofluorobenzene	104		77.0-126		06/27/2024 07:57	WG2313003
(S) 1,2-Dichloroethane-d4	89.1		70.0-130		06/27/2024 07:57	WG2313003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Acenaphthene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Acenaphthylene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Benzo(a)anthracene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Benzo(a)pyrene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Benzo(b)fluoranthene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Benzo(g,h,i)perylene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Benzo(k)fluoranthene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Chrysene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Dibenz(a,h)anthracene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Fluoranthene	ND		0.000100	1	06/26/2024 21:11	WG2312159
Fluorene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Naphthalene	ND		0.000250	1	06/26/2024 21:11	WG2312159
Phenanthrene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
Pyrene	ND		0.0000500	1	06/26/2024 21:11	WG2312159
1-Methylnaphthalene	ND		0.000250	1	06/26/2024 21:11	WG2312159
2-Methylnaphthalene	ND		0.000250	1	06/26/2024 21:11	WG2312159
2-Chloronaphthalene	ND		0.000250	1	06/26/2024 21:11	WG2312159
(S) Nitrobenzene-d5	73.2		31.0-160		06/26/2024 21:11	WG2312159
(S) 2-Fluorobiphenyl	74.2		48.0-148		06/26/2024 21:11	WG2312159
(S) p-Terphenyl-d14	72.6		37.0-146		06/26/2024 21:11	WG2312159

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Acetone	ND		0.0500	1	06/27/2024 08:17	WG2313003
Acrylonitrile	ND		0.0100	1	06/27/2024 08:17	WG2313003
Benzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
Bromobenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
Bromochloromethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
Bromodichloromethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
Bromoform	ND		0.00100	1	06/27/2024 08:17	WG2313003
Bromomethane	ND		0.00500	1	06/27/2024 08:17	WG2313003
n-Butylbenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
sec-Butylbenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
tert-Butylbenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
Carbon tetrachloride	ND		0.00100	1	06/27/2024 08:17	WG2313003
Carbon disulfide	ND		0.00100	1	06/27/2024 08:17	WG2313003
Chlorobenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
Chlorodibromomethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
Chloroethane	ND	J4	0.00500	1	06/27/2024 08:17	WG2313003
Chloroform	ND		0.00500	1	06/27/2024 08:17	WG2313003
Chloromethane	ND		0.00250	1	06/27/2024 08:17	WG2313003
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	06/27/2024 08:17	WG2313003
1,2-Dibromoethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
Dibromomethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,2-Dichlorobenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,3-Dichlorobenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,4-Dichlorobenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
trans-1,4-Dichloro-2-butene	ND		0.00250	1	06/27/2024 08:17	WG2313003
Dichlorodifluoromethane	ND		0.00500	1	06/27/2024 08:17	WG2313003
1,1-Dichloroethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,2-Dichloroethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,1-Dichloroethene	ND		0.00100	1	06/27/2024 08:17	WG2313003
cis-1,2-Dichloroethene	ND		0.00100	1	06/27/2024 08:17	WG2313003
trans-1,2-Dichloroethene	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,2-Dichloropropane	ND		0.00100	1	06/27/2024 08:17	WG2313003
cis-1,3-Dichloropropene	ND		0.00100	1	06/27/2024 08:17	WG2313003
trans-1,3-Dichloropropene	ND		0.00100	1	06/27/2024 08:17	WG2313003
Ethylbenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
Hexachloro-1,3-butadiene	ND		0.00100	1	06/27/2024 08:17	WG2313003
2-Hexanone	ND		0.0100	1	06/27/2024 08:17	WG2313003
2-Butanone (MEK)	ND		0.0100	1	06/27/2024 08:17	WG2313003
Iodomethane	ND		0.0100	1	06/27/2024 08:17	WG2313003
Methylene Chloride	ND		0.00500	1	06/27/2024 08:17	WG2313003
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/27/2024 08:17	WG2313003
Naphthalene	ND		0.00500	1	06/27/2024 08:17	WG2313003
n-Propylbenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
Styrene	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
Tetrachloroethene	ND		0.00100	1	06/27/2024 08:17	WG2313003
Toluene	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,2,4-Trichlorobenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,1,1-Trichloroethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
1,1,2-Trichloroethane	ND		0.00100	1	06/27/2024 08:17	WG2313003
Trichloroethene	ND		0.00100	1	06/27/2024 08:17	WG2313003
Trichlorofluoromethane	ND	J4	0.00500	1	06/27/2024 08:17	WG2313003
1,2,3-Trichloropropane	ND		0.00250	1	06/27/2024 08:17	WG2313003
1,2,4-Trimethylbenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		0.00100	1	06/27/2024 08:17	WG2313003
Vinyl acetate	ND		0.0100	1	06/27/2024 08:17	WG2313003
Vinyl chloride	ND		0.00100	1	06/27/2024 08:17	WG2313003
Xylenes, Total	ND		0.00300	1	06/27/2024 08:17	WG2313003
Di-isopropyl ether	ND		0.00100	1	06/27/2024 08:17	WG2313003
Ethanol	ND		0.100	1	06/27/2024 08:17	WG2313003
Ethyl tert-butyl ether	ND		0.00100	1	06/27/2024 08:17	WG2313003
Methyl tert-butyl ether	0.00103		0.00100	1	06/27/2024 08:17	WG2313003
tert-Butyl alcohol	ND		0.00500	1	06/27/2024 08:17	WG2313003
tert-Amyl Methyl Ether	ND		0.00100	1	06/27/2024 08:17	WG2313003
(S) Toluene-d8	97.3		80.0-120		06/27/2024 08:17	WG2313003
(S) 4-Bromofluorobenzene	107		77.0-126		06/27/2024 08:17	WG2313003
(S) 1,2-Dichloroethane-d4	94.4		70.0-130		06/27/2024 08:17	WG2313003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Acenaphthene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Acenaphthylene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Benzo(a)anthracene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Benzo(a)pyrene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Benzo(b)fluoranthene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Benzo(g,h,i)perylene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Benzo(k)fluoranthene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Chrysene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Dibenz(a,h)anthracene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Fluoranthene	ND		0.000100	1	06/27/2024 01:48	WG2312155
Fluorene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Naphthalene	ND		0.000250	1	06/27/2024 01:48	WG2312155
Phenanthrene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
Pyrene	ND		0.0000500	1	06/27/2024 01:48	WG2312155
1-Methylnaphthalene	ND		0.000250	1	06/27/2024 01:48	WG2312155
2-Methylnaphthalene	ND		0.000250	1	06/27/2024 01:48	WG2312155
2-Chloronaphthalene	ND		0.000250	1	06/27/2024 01:48	WG2312155
(S) Nitrobenzene-d5	76.8		31.0-160		06/27/2024 01:48	WG2312155
(S) 2-Fluorobiphenyl	83.2		48.0-148		06/27/2024 01:48	WG2312155
(S) p-Terphenyl-d14	74.2		37.0-146		06/27/2024 01:48	WG2312155

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	06/27/2024 08:38	WG2313003
Acrylonitrile	ND		0.0100	1	06/27/2024 08:38	WG2313003
Benzene	0.0127		0.00100	1	06/27/2024 08:38	WG2313003
Bromobenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
Bromochloromethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
Bromodichloromethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
Bromoform	ND		0.00100	1	06/27/2024 08:38	WG2313003
Bromomethane	ND		0.00500	1	06/27/2024 08:38	WG2313003
n-Butylbenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
sec-Butylbenzene	0.00112		0.00100	1	06/27/2024 08:38	WG2313003
tert-Butylbenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
Carbon tetrachloride	ND		0.00100	1	06/27/2024 08:38	WG2313003
Carbon disulfide	ND		0.00100	1	06/27/2024 08:38	WG2313003
Chlorobenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
Chlorodibromomethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
Chloroethane	ND	J4	0.00500	1	06/27/2024 08:38	WG2313003
Chloroform	ND		0.00500	1	06/27/2024 08:38	WG2313003
Chloromethane	ND		0.00250	1	06/27/2024 08:38	WG2313003
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	06/27/2024 08:38	WG2313003
1,2-Dibromoethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
Dibromomethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,2-Dichlorobenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,3-Dichlorobenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,4-Dichlorobenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
trans-1,4-Dichloro-2-butene	ND		0.00250	1	06/27/2024 08:38	WG2313003
Dichlorodifluoromethane	ND		0.00500	1	06/27/2024 08:38	WG2313003
1,1-Dichloroethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,2-Dichloroethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,1-Dichloroethene	ND		0.00100	1	06/27/2024 08:38	WG2313003
cis-1,2-Dichloroethene	ND		0.00100	1	06/27/2024 08:38	WG2313003
trans-1,2-Dichloroethene	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,2-Dichloropropane	ND		0.00100	1	06/27/2024 08:38	WG2313003
cis-1,3-Dichloropropene	ND		0.00100	1	06/27/2024 08:38	WG2313003
trans-1,3-Dichloropropene	ND		0.00100	1	06/27/2024 08:38	WG2313003
Ethylbenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
Hexachloro-1,3-butadiene	ND		0.00100	1	06/27/2024 08:38	WG2313003
2-Hexanone	ND		0.0100	1	06/27/2024 08:38	WG2313003
2-Butanone (MEK)	0.0103		0.0100	1	06/27/2024 08:38	WG2313003
Iodomethane	ND		0.0100	1	06/27/2024 08:38	WG2313003
Methylene Chloride	ND		0.00500	1	06/27/2024 08:38	WG2313003
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/27/2024 08:38	WG2313003
Naphthalene	ND		0.00500	1	06/27/2024 08:38	WG2313003
n-Propylbenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
Styrene	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
Tetrachloroethene	ND		0.00100	1	06/27/2024 08:38	WG2313003
Toluene	0.00801		0.00100	1	06/27/2024 08:38	WG2313003
1,2,4-Trichlorobenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,1,1-Trichloroethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
1,1,2-Trichloroethane	ND		0.00100	1	06/27/2024 08:38	WG2313003
Trichloroethene	ND		0.00100	1	06/27/2024 08:38	WG2313003
Trichlorofluoromethane	ND	J4	0.00500	1	06/27/2024 08:38	WG2313003
1,2,3-Trichloropropane	ND		0.00250	1	06/27/2024 08:38	WG2313003
1,2,4-Trimethylbenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		0.00100	1	06/27/2024 08:38	WG2313003
Vinyl acetate	ND		0.0100	1	06/27/2024 08:38	WG2313003
Vinyl chloride	ND		0.00100	1	06/27/2024 08:38	WG2313003
Xylenes, Total	0.0129		0.00300	1	06/27/2024 08:38	WG2313003
Di-isopropyl ether	ND		0.00100	1	06/27/2024 08:38	WG2313003
Ethanol	ND		0.100	1	06/27/2024 08:38	WG2313003
Ethyl tert-butyl ether	ND		0.00100	1	06/27/2024 08:38	WG2313003
Methyl tert-butyl ether	0.00211		0.00100	1	06/27/2024 08:38	WG2313003
tert-Butyl alcohol	ND		0.00500	1	06/27/2024 08:38	WG2313003
tert-Amyl Methyl Ether	ND		0.00100	1	06/27/2024 08:38	WG2313003
(S) Toluene-d8	92.7		80.0-120		06/27/2024 08:38	WG2313003
(S) 4-Bromofluorobenzene	102		77.0-126		06/27/2024 08:38	WG2313003
(S) 1,2-Dichloroethane-d4	95.3		70.0-130		06/27/2024 08:38	WG2313003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Acenaphthene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Acenaphthylene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Benzo(a)anthracene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Benzo(a)pyrene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Benzo(b)fluoranthene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Benzo(g,h,i)perylene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Benzo(k)fluoranthene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Chrysene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Dibenz(a,h)anthracene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Fluoranthene	ND		0.000100	1	06/27/2024 02:08	WG2312155
Fluorene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Naphthalene	ND		0.000250	1	06/27/2024 02:08	WG2312155
Phenanthrene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
Pyrene	ND		0.0000500	1	06/27/2024 02:08	WG2312155
1-Methylnaphthalene	ND		0.000250	1	06/27/2024 02:08	WG2312155
2-Methylnaphthalene	ND		0.000250	1	06/27/2024 02:08	WG2312155
2-Chloronaphthalene	ND		0.000250	1	06/27/2024 02:08	WG2312155
(S) Nitrobenzene-d5	62.6		31.0-160		06/27/2024 02:08	WG2312155
(S) 2-Fluorobiphenyl	59.5		48.0-148		06/27/2024 02:08	WG2312155
(S) p-Terphenyl-d14	30.3	<u>J2</u>	37.0-146		06/27/2024 02:08	WG2312155

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	06/24/2024 15:47	WG2310858
Carbon tetrachloride	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,4-Dichlorobenzene	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,2-Dichloroethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,1-Dichloroethene	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,1,1-Trichloroethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
Trichloroethene	ND		0.000500	1	06/24/2024 15:47	WG2310858
Vinyl chloride	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,2,4-Trichlorobenzene	ND		0.000500	1	06/24/2024 15:47	WG2310858
cis-1,2-Dichloroethene	ND		0.000500	1	06/24/2024 15:47	WG2310858
Xylenes, Total	ND		0.000500	1	06/24/2024 15:47	WG2310858
Methylene chloride	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,2-Dichlorobenzene	ND		0.000500	1	06/24/2024 15:47	WG2310858
trans-1,2-Dichloroethene	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,2-Dichloropropane	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,1,2-Trichloroethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
Tetrachloroethene	ND		0.000500	1	06/24/2024 15:47	WG2310858
Chlorobenzene	ND		0.000500	1	06/24/2024 15:47	WG2310858
Toluene	ND		0.00100	1	06/24/2024 15:47	WG2310858
Ethylbenzene	ND		0.000500	1	06/24/2024 15:47	WG2310858
Styrene	ND		0.000500	1	06/24/2024 15:47	WG2310858
Bromobenzene	ND		0.000500	1	06/24/2024 15:47	WG2310858
Bromodichloromethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
Bromoform	ND		0.000500	1	06/24/2024 15:47	WG2310858
Bromomethane	ND		0.00100	1	06/24/2024 15:47	WG2310858
Chlorodibromomethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
Chloroethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
Chloroform	ND		0.000500	1	06/24/2024 15:47	WG2310858
Chloromethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
2-Chlorotoluene	ND		0.000500	1	06/24/2024 15:47	WG2310858
4-Chlorotoluene	ND		0.000500	1	06/24/2024 15:47	WG2310858
Dibromomethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
Methyl tert-butyl ether	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,3-Dichlorobenzene	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,1-Dichloroethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,3-Dichloropropane	ND		0.000500	1	06/24/2024 15:47	WG2310858
2,2-Dichloropropane	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,1-Dichloropropene	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,3-Dichloropropene	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,1,1,2-Tetrachloroethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,1,2,2-Tetrachloroethane	ND		0.000500	1	06/24/2024 15:47	WG2310858
1,2,3-Trichloropropane	ND		0.000500	1	06/24/2024 15:47	WG2310858
Di-isopropyl ether	ND		0.00100	1	06/24/2024 15:47	WG2310858
tert-Butyl alcohol	ND		0.00500	1	06/24/2024 15:47	WG2310858
(S) 4-Bromofluorobenzene	89.6		70.0-130		06/24/2024 15:47	WG2310858
(S) 1,2-Dichlorobenzene-d4	104		70.0-130		06/24/2024 15:47	WG2310858

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	06/24/2024 16:11	WG2310858
Carbon tetrachloride	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,4-Dichlorobenzene	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,2-Dichloroethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,1-Dichloroethene	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,1,1-Trichloroethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
Trichloroethene	ND		0.000500	1	06/24/2024 16:11	WG2310858
Vinyl chloride	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,2,4-Trichlorobenzene	ND		0.000500	1	06/24/2024 16:11	WG2310858
cis-1,2-Dichloroethene	ND		0.000500	1	06/24/2024 16:11	WG2310858
Xylenes, Total	ND		0.000500	1	06/24/2024 16:11	WG2310858
Methylene chloride	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,2-Dichlorobenzene	ND		0.000500	1	06/24/2024 16:11	WG2310858
trans-1,2-Dichloroethene	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,2-Dichloropropane	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,1,2-Trichloroethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
Tetrachloroethene	ND		0.000500	1	06/24/2024 16:11	WG2310858
Chlorobenzene	ND		0.000500	1	06/24/2024 16:11	WG2310858
Toluene	ND		0.00100	1	06/24/2024 16:11	WG2310858
Ethylbenzene	ND		0.000500	1	06/24/2024 16:11	WG2310858
Styrene	ND		0.000500	1	06/24/2024 16:11	WG2310858
Bromobenzene	ND		0.000500	1	06/24/2024 16:11	WG2310858
Bromodichloromethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
Bromoform	ND		0.000500	1	06/24/2024 16:11	WG2310858
Bromomethane	ND		0.00100	1	06/24/2024 16:11	WG2310858
Chlorodibromomethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
Chloroethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
Chloroform	ND		0.000500	1	06/24/2024 16:11	WG2310858
Chloromethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
2-Chlorotoluene	ND		0.000500	1	06/24/2024 16:11	WG2310858
4-Chlorotoluene	ND		0.000500	1	06/24/2024 16:11	WG2310858
Dibromomethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
Methyl tert-butyl ether	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,3-Dichlorobenzene	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,1-Dichloroethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,3-Dichloropropane	ND		0.000500	1	06/24/2024 16:11	WG2310858
2,2-Dichloropropane	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,1-Dichloropropene	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,3-Dichloropropene	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,1,1,2-Tetrachloroethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,1,2,2-Tetrachloroethane	ND		0.000500	1	06/24/2024 16:11	WG2310858
1,2,3-Trichloropropane	ND		0.000500	1	06/24/2024 16:11	WG2310858
Di-isopropyl ether	ND		0.00100	1	06/24/2024 16:11	WG2310858
tert-Butyl alcohol	ND		0.00500	1	06/24/2024 16:11	WG2310858
(S) 4-Bromofluorobenzene	91.4		70.0-130		06/24/2024 16:11	WG2310858
(S) 1,2-Dichlorobenzene-d4	104		70.0-130		06/24/2024 16:11	WG2310858

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	06/24/2024 16:34	WG2310858
Carbon tetrachloride	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,4-Dichlorobenzene	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,2-Dichloroethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,1-Dichloroethene	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,1,1-Trichloroethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
Trichloroethene	ND		0.000500	1	06/24/2024 16:34	WG2310858
Vinyl chloride	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,2,4-Trichlorobenzene	ND		0.000500	1	06/24/2024 16:34	WG2310858
cis-1,2-Dichloroethene	ND		0.000500	1	06/24/2024 16:34	WG2310858
Xylenes, Total	ND		0.000500	1	06/24/2024 16:34	WG2310858
Methylene chloride	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,2-Dichlorobenzene	ND		0.000500	1	06/24/2024 16:34	WG2310858
trans-1,2-Dichloroethene	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,2-Dichloropropane	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,1,2-Trichloroethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
Tetrachloroethene	ND		0.000500	1	06/24/2024 16:34	WG2310858
Chlorobenzene	ND		0.000500	1	06/24/2024 16:34	WG2310858
Toluene	ND		0.00100	1	06/24/2024 16:34	WG2310858
Ethylbenzene	ND		0.000500	1	06/24/2024 16:34	WG2310858
Styrene	ND		0.000500	1	06/24/2024 16:34	WG2310858
Bromobenzene	ND		0.000500	1	06/24/2024 16:34	WG2310858
Bromodichloromethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
Bromoform	ND		0.000500	1	06/24/2024 16:34	WG2310858
Bromomethane	ND		0.00100	1	06/24/2024 16:34	WG2310858
Chlorodibromomethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
Chloroethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
Chloroform	ND		0.000500	1	06/24/2024 16:34	WG2310858
Chloromethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
2-Chlorotoluene	ND		0.000500	1	06/24/2024 16:34	WG2310858
4-Chlorotoluene	ND		0.000500	1	06/24/2024 16:34	WG2310858
Dibromomethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
Methyl tert-butyl ether	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,3-Dichlorobenzene	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,1-Dichloroethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,3-Dichloropropane	ND		0.000500	1	06/24/2024 16:34	WG2310858
2,2-Dichloropropane	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,1-Dichloropropene	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,3-Dichloropropene	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,1,1,2-Tetrachloroethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,1,2,2-Tetrachloroethane	ND		0.000500	1	06/24/2024 16:34	WG2310858
1,2,3-Trichloropropane	ND		0.000500	1	06/24/2024 16:34	WG2310858
Di-isopropyl ether	ND		0.00100	1	06/24/2024 16:34	WG2310858
tert-Butyl alcohol	ND		0.00500	1	06/24/2024 16:34	WG2310858
(S) 4-Bromofluorobenzene	92.2		70.0-130		06/24/2024 16:34	WG2310858
(S) 1,2-Dichlorobenzene-d4	104		70.0-130		06/24/2024 16:34	WG2310858

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4086281-2 06/24/24 11:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000490	0.000500
Carbon tetrachloride	U		0.000660	0.000500
1,4-Dichlorobenzene	U		0.000310	0.000500
1,2-Dichloroethane	U		0.000498	0.000500
1,1-Dichloroethene	U		0.000540	0.000500
1,1,1-Trichloroethane	U		0.000490	0.000500
Trichloroethene	U		0.000440	0.000500
Vinyl chloride	U		0.000260	0.000500
1,2,4-Trichlorobenzene	U		0.000530	0.000500
cis-1,2-Dichloroethene	U		0.000640	0.000500
Xylenes, Total	U		0.000167	0.000500
Methylene chloride	U		0.000608	0.000500
1,2-Dichlorobenzene	U		0.000410	0.000500
trans-1,2-Dichloroethene	U		0.000100	0.000500
1,2-Dichloropropane	U		0.000270	0.000500
1,1,2-Trichloroethane	U		0.000701	0.000500
Tetrachloroethene	U		0.000790	0.000500
Chlorobenzene	U		0.000370	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000440	0.000500
Styrene	U		0.000360	0.000500
Bromobenzene	U		0.000490	0.000500
Bromodichloromethane	U		0.000810	0.000500
Bromoform	U		0.000800	0.000500
Bromomethane	U		0.000790	0.00100
Chlorodibromomethane	U		0.000930	0.000500
Chloroethane	U		0.000190	0.000500
Chloroform	U		0.000800	0.000500
Chloromethane	U		0.000290	0.000500
2-Chlorotoluene	U		0.000480	0.000500
4-Chlorotoluene	U		0.000550	0.000500
Dibromomethane	U		0.000700	0.000500
Methyl tert-butyl ether	U		0.000530	0.000500
1,3-Dichlorobenzene	U		0.000360	0.000500
1,1-Dichloroethane	U		0.000240	0.000500
1,3-Dichloropropane	U		0.000230	0.000500
2,2-Dichloropropane	U		0.000680	0.000500
1,1-Dichloropropene	U		0.000450	0.000500
1,3-Dichloropropene	U		0.000320	0.000500
1,1,1,2-Tetrachloroethane	U		0.000700	0.000500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4086281-2 06/24/24 11:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2,2-Tetrachloroethane	U		0.0000790	0.000500
1,2,3-Trichloropropane	U		0.0000720	0.000500
Di-isopropyl ether	U		0.000105	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
(S) 4-Bromofluorobenzene	87.0			70.0-130
(S) 1,2-Dichlorobenzene-d4	97.1			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4086281-1 06/24/24 10:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00481	96.2	70.0-130	
Carbon tetrachloride	0.00500	0.00504	101	70.0-130	
1,4-Dichlorobenzene	0.00500	0.00535	107	70.0-130	
1,2-Dichloroethane	0.00500	0.00453	90.6	70.0-130	
1,1-Dichloroethene	0.00500	0.00479	95.8	70.0-130	
1,1,1-Trichloroethane	0.00500	0.00481	96.2	70.0-130	
Trichloroethene	0.00500	0.00509	102	70.0-130	
Vinyl chloride	0.00500	0.00567	113	70.0-130	
1,2,4-Trichlorobenzene	0.00500	0.00464	92.8	70.0-130	
cis-1,2-Dichloroethene	0.00500	0.00490	98.0	70.0-130	
Xylenes, Total	0.0150	0.0158	105	70.0-130	
Methylene chloride	0.00500	0.00539	108	70.0-130	
1,2-Dichlorobenzene	0.00500	0.00514	103	70.0-130	
trans-1,2-Dichloroethene	0.00500	0.00493	98.6	70.0-130	
1,2-Dichloropropane	0.00500	0.00488	97.6	70.0-130	
1,1,2-Trichloroethane	0.00500	0.00472	94.4	70.0-130	
Tetrachloroethene	0.00500	0.00492	98.4	70.0-130	
Chlorobenzene	0.00500	0.00533	107	70.0-130	
Toluene	0.00500	0.00502	100	70.0-130	
Ethylbenzene	0.00500	0.00501	100	70.0-130	
Styrene	0.00500	0.00496	99.2	70.0-130	
Bromobenzene	0.00500	0.00526	105	70.0-130	
Bromodichloromethane	0.00500	0.00467	93.4	70.0-130	
Bromoform	0.00500	0.00451	90.2	70.0-130	
Bromomethane	0.00500	0.00629	126	70.0-130	
Chlorodibromomethane	0.00500	0.00501	100	70.0-130	
Chloroethane	0.00500	0.00641	128	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4086281-1 06/24/24 10:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Chloroform	0.00500	0.00503	101	70.0-130	
Chloromethane	0.00500	0.00418	83.6	70.0-130	
2-Chlorotoluene	0.00500	0.00528	106	70.0-130	
4-Chlorotoluene	0.00500	0.00506	101	70.0-130	
Dibromomethane	0.00500	0.00485	97.0	70.0-130	
Methyl tert-butyl ether	0.00500	0.00455	91.0	70.0-130	
1,3-Dichlorobenzene	0.00500	0.00523	105	70.0-130	
1,1-Dichloroethane	0.00500	0.00473	94.6	70.0-130	
1,3-Dichloropropane	0.00500	0.00472	94.4	70.0-130	
2,2-Dichloropropane	0.00500	0.00466	93.2	70.0-130	
1,1-Dichloropropene	0.00500	0.00488	97.6	70.0-130	
1,3-Dichloropropene	0.0100	0.00911	91.1	70.0-130	
1,1,1,2-Tetrachloroethane	0.00500	0.00516	103	70.0-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00493	98.6	70.0-130	
1,2,3-Trichloropropane	0.00500	0.00541	108	70.0-130	
Di-isopropyl ether	0.00500	0.00399	79.8	70.0-130	
tert-Butyl alcohol	0.0250	0.0187	74.8	70.0-130	
<i>(S) 4-Bromofluorobenzene</i>			99.1	70.0-130	
<i>(S) 1,2-Dichlorobenzene-d4</i>			109	70.0-130	

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R4087954-2 06/27/24 06:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Acrylonitrile	U		0.000671	0.0100
Benzene	U		0.0000941	0.00100
Bromobenzene	U		0.000118	0.00100
Bromochloromethane	U		0.000128	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
tert-Butylbenzene	U		0.000127	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Carbon disulfide	U		0.0000962	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500
1,2-Dibromoethane	U		0.000126	0.00100
Dibromomethane	U		0.000122	0.00100
1,2-Dichlorobenzene	U		0.000107	0.00100
1,3-Dichlorobenzene	U		0.000110	0.00100
1,4-Dichlorobenzene	U		0.000120	0.00100
trans-1,4-Dichloro-2-butene	U		0.000467	0.00250
Dichlorodifluoromethane	U		0.000374	0.00500
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Hexachloro-1,3-butadiene	U		0.000337	0.00100
2-Hexanone	U		0.000787	0.0100
2-Butanone (MEK)	U		0.00119	0.0100
Iodomethane	U		0.00600	0.0100
Methylene Chloride	U		0.000430	0.00500

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

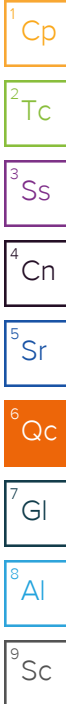
⁸ Al

⁹ Sc

Method Blank (MB)

(MB) R4087954-2 06/27/24 06:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,2,4-Trichlorobenzene	U		0.000481	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
Trichlorofluoromethane	U		0.000160	0.00500
1,2,3-Trichloropropane	U		0.000237	0.00250
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl acetate	U		0.000692	0.0100
Vinyl chloride	U		0.000234	0.00100
Xylenes, Total	U		0.000174	0.00300
Di-isopropyl ether	U		0.000105	0.00100
Ethanol	U		0.0420	0.100
Ethyl tert-butyl ether	U		0.000101	0.00100
Methyl tert-butyl ether	U		0.000101	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
tert-Amyl Methyl Ether	U		0.000195	0.00100
(S) Toluene-d8	93.4			80.0-120
(S) 4-Bromofluorobenzene	102			77.0-126
(S) 1,2-Dichloroethane-d4	93.7			70.0-130



Laboratory Control Sample (LCS)

(LCS) R4087954-1 06/27/24 05:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0383	153	19.0-160	
Acrylonitrile	0.0250	0.0278	111	55.0-149	
Benzene	0.00500	0.00536	107	70.0-123	
Bromobenzene	0.00500	0.00421	84.2	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4087954-1 06/27/24 05:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Bromochloromethane	0.00500	0.00612	122	76.0-122	
Bromodichloromethane	0.00500	0.00507	101	75.0-120	
Bromoform	0.00500	0.00460	92.0	68.0-132	
Bromomethane	0.00500	0.00650	130	10.0-160	
n-Butylbenzene	0.00500	0.00430	86.0	73.0-125	
sec-Butylbenzene	0.00500	0.00444	88.8	75.0-125	
tert-Butylbenzene	0.00500	0.00427	85.4	76.0-124	
Carbon tetrachloride	0.00500	0.00584	117	68.0-126	
Carbon disulfide	0.00500	0.00531	106	61.0-128	
Chlorobenzene	0.00500	0.00494	98.8	80.0-121	
Chlorodibromomethane	0.00500	0.00464	92.8	77.0-125	
Chloroethane	0.00500	0.00763	153	47.0-150	J4
Chloroform	0.00500	0.00541	108	73.0-120	
Chloromethane	0.00500	0.00613	123	41.0-142	
1,2-Dibromo-3-Chloropropane	0.00500	0.00419	83.8	58.0-134	
1,2-Dibromoethane	0.00500	0.00488	97.6	80.0-122	
Dibromomethane	0.00500	0.00551	110	80.0-120	
1,2-Dichlorobenzene	0.00500	0.00459	91.8	79.0-121	
1,3-Dichlorobenzene	0.00500	0.00459	91.8	79.0-120	
1,4-Dichlorobenzene	0.00500	0.00481	96.2	79.0-120	
trans-1,4-Dichloro-2-butene	0.00500	0.00409	81.8	33.0-144	
Dichlorodifluoromethane	0.00500	0.00730	146	51.0-149	
1,1-Dichloroethane	0.00500	0.00545	109	70.0-126	
1,2-Dichloroethane	0.00500	0.00543	109	70.0-128	
1,1-Dichloroethene	0.00500	0.00568	114	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00510	102	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00557	111	73.0-120	
1,2-Dichloropropane	0.00500	0.00539	108	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00516	103	80.0-123	
trans-1,3-Dichloropropene	0.00500	0.00439	87.8	78.0-124	
Ethylbenzene	0.00500	0.00470	94.0	79.0-123	
Hexachloro-1,3-butadiene	0.00500	0.00434	86.8	54.0-138	
2-Hexanone	0.0250	0.0240	96.0	67.0-149	
2-Butanone (MEK)	0.0250	0.0301	120	44.0-160	
Iodomethane	0.0250	0.0293	117	33.0-147	
Methylene Chloride	0.00500	0.00566	113	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0238	95.2	68.0-142	
Naphthalene	0.00500	0.00422	84.4	54.0-135	
n-Propylbenzene	0.00500	0.00422	84.4	77.0-124	
Styrene	0.00500	0.00451	90.2	73.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4087954-1 06/27/24 05:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,1,1,2-Tetrachloroethane	0.00500	0.00459	91.8	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00414	82.8	65.0-130	
1,1,2-Trichlorotrifluoroethane	0.00500	0.00623	125	69.0-132	
Tetrachloroethene	0.00500	0.00514	103	72.0-132	
Toluene	0.00500	0.00469	93.8	79.0-120	
1,2,4-Trichlorobenzene	0.00500	0.00437	87.4	57.0-137	
1,1,1-Trichloroethane	0.00500	0.00572	114	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00464	92.8	80.0-120	
Trichloroethene	0.00500	0.00608	122	78.0-124	
Trichlorofluoromethane	0.00500	0.00751	150	59.0-147	J4
1,2,3-Trichloropropane	0.00500	0.00449	89.8	73.0-130	
1,2,4-Trimethylbenzene	0.00500	0.00420	84.0	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00451	90.2	76.0-122	
Vinyl acetate	0.0250	0.0212	84.8	11.0-160	
Vinyl chloride	0.00500	0.00569	114	67.0-131	
Xylenes, Total	0.0150	0.0138	92.0	79.0-123	
Di-isopropyl ether	0.00500	0.00544	109	58.0-138	
Ethanol	0.250	0.281	112	10.0-160	
Ethyl tert-butyl ether	0.00500	0.00548	110	63.0-138	
Methyl tert-butyl ether	0.00500	0.00538	108	68.0-125	
tert-Butyl alcohol	0.0250	0.0250	100	27.0-160	
tert-Amyl Methyl Ether	0.00500	0.00507	101	66.0-125	
(S) Toluene-d8			91.9	80.0-120	
(S) 4-Bromofluorobenzene			103	77.0-126	
(S) 1,2-Dichloroethane-d4			98.1	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4087768-3 06/26/24 21:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000190	0.0000500
Acenaphthene	U		0.0000190	0.0000500
Acenaphthylene	U		0.0000171	0.0000500
Benzo(a)anthracene	U		0.0000203	0.0000500
Benzo(a)pyrene	U		0.0000184	0.0000500
Benzo(b)fluoranthene	U		0.0000168	0.0000500
Benzo(g,h,i)perylene	U		0.0000184	0.0000500
Benzo(k)fluoranthene	U		0.0000202	0.0000500
Chrysene	U		0.0000179	0.0000500
Dibenz(a,h)anthracene	U		0.0000160	0.0000500
Fluoranthene	U		0.0000270	0.000100
Fluorene	U		0.0000169	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000158	0.0000500
Naphthalene	U		0.0000917	0.000250
Phenanthrene	U		0.0000180	0.0000500
Pyrene	U		0.0000169	0.0000500
1-Methylnaphthalene	U		0.0000687	0.000250
2-Methylnaphthalene	U		0.0000674	0.000250
2-Chloronaphthalene	U		0.0000682	0.000250
(S) Nitrobenzene-d5	84.0			31.0-160
(S) 2-Fluorobiphenyl	88.5			48.0-148
(S) p-Terphenyl-d14	87.5			37.0-146

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4087768-1 06/26/24 20:33 • (LCSD) R4087768-2 06/26/24 20:53

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00141	0.00152	70.5	76.0	67.0-150			7.51	20
Acenaphthene	0.00200	0.00149	0.00158	74.5	79.0	65.0-138			5.86	20
Acenaphthylene	0.00200	0.00143	0.00154	71.5	77.0	66.0-140			7.41	20
Benzo(a)anthracene	0.00200	0.00131	0.00149	65.5	74.5	61.0-140			12.9	20
Benzo(a)pyrene	0.00200	0.00125	0.00142	62.5	71.0	60.0-143			12.7	20
Benzo(b)fluoranthene	0.00200	0.00142	0.00167	71.0	83.5	58.0-141			16.2	20
Benzo(g,h,i)perylene	0.00200	0.00127	0.00140	63.5	70.0	52.0-153			9.74	20
Benzo(k)fluoranthene	0.00200	0.00123	0.00140	61.5	70.0	58.0-148			12.9	20
Chrysene	0.00200	0.00147	0.00169	73.5	84.5	64.0-144			13.9	20
Dibenz(a,h)anthracene	0.00200	0.00122	0.00132	61.0	66.0	52.0-155			7.87	20
Fluoranthene	0.00200	0.00166	0.00181	83.0	90.5	69.0-153			8.65	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4087768-1 06/26/24 20:33 • (LCSD) R4087768-2 06/26/24 20:53

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Fluorene	0.00200	0.00157	0.00178	78.5	89.0	64.0-136			12.5	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00117	0.00131	58.5	65.5	54.0-153			11.3	20
Naphthalene	0.00200	0.00140	0.00140	70.0	70.0	61.0-137			0.000	20
Phenanthrene	0.00200	0.00164	0.00176	82.0	88.0	62.0-137			7.06	20
Pyrene	0.00200	0.00167	0.00182	83.5	91.0	60.0-142			8.60	20
1-Methylnaphthalene	0.00200	0.00153	0.00152	76.5	76.0	66.0-142			0.656	20
2-Methylnaphthalene	0.00200	0.00147	0.00143	73.5	71.5	62.0-136			2.76	20
2-Chloronaphthalene	0.00200	0.00156	0.00161	78.0	80.5	64.0-140			3.15	20
<i>(S) Nitrobenzene-d5</i>				76.0	82.0	31.0-160				
<i>(S) 2-Fluorobiphenyl</i>				74.5	68.0	48.0-148				
<i>(S) p-Terphenyl-d14</i>				65.5	76.5	37.0-146				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4087158-3 06/26/24 19:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000190	0.0000500
Acenaphthene	U		0.0000190	0.0000500
Acenaphthylene	U		0.0000171	0.0000500
Benzo(a)anthracene	U		0.0000203	0.0000500
Benzo(a)pyrene	U		0.0000184	0.0000500
Benzo(b)fluoranthene	U		0.0000168	0.0000500
Benzo(g,h,i)perylene	U		0.0000184	0.0000500
Benzo(k)fluoranthene	U		0.0000202	0.0000500
Chrysene	U		0.0000179	0.0000500
Dibenz(a,h)anthracene	U		0.0000160	0.0000500
Fluoranthene	U		0.0000270	0.000100
Fluorene	U		0.0000169	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000158	0.0000500
Naphthalene	U		0.0000917	0.000250
Phenanthrene	U		0.0000180	0.0000500
Pyrene	U		0.0000169	0.0000500
1-Methylnaphthalene	U		0.0000687	0.000250
2-Methylnaphthalene	U		0.0000674	0.000250
2-Chloronaphthalene	U		0.0000682	0.000250
(S) Nitrobenzene-d5	74.5			31.0-160
(S) 2-Fluorobiphenyl	75.0			48.0-148
(S) p-Terphenyl-d14	72.5			37.0-146

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4087158-1 06/26/24 19:07 • (LCSD) R4087158-2 06/26/24 19:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00158	0.00161	79.0	80.5	67.0-150			1.88	20
Acenaphthene	0.00200	0.00150	0.00154	75.0	77.0	65.0-138			2.63	20
Acenaphthylene	0.00200	0.00161	0.00165	80.5	82.5	66.0-140			2.45	20
Benzo(a)anthracene	0.00200	0.00162	0.00164	81.0	82.0	61.0-140			1.23	20
Benzo(a)pyrene	0.00200	0.00147	0.00149	73.5	74.5	60.0-143			1.35	20
Benzo(b)fluoranthene	0.00200	0.00145	0.00153	72.5	76.5	58.0-141			5.37	20
Benzo(g,h,i)perylene	0.00200	0.00144	0.00144	72.0	72.0	52.0-153			0.000	20
Benzo(k)fluoranthene	0.00200	0.00138	0.00138	69.0	69.0	58.0-148			0.000	20
Chrysene	0.00200	0.00159	0.00163	79.5	81.5	64.0-144			2.48	20
Dibenz(a,h)anthracene	0.00200	0.00147	0.00148	73.5	74.0	52.0-155			0.678	20
Fluoranthene	0.00200	0.00163	0.00166	81.5	83.0	69.0-153			1.82	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4087158-1 06/26/24 19:07 • (LCSD) R4087158-2 06/26/24 19:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Fluorene	0.00200	0.00168	0.00171	84.0	85.5	64.0-136			1.77	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00148	0.00149	74.0	74.5	54.0-153			0.673	20
Naphthalene	0.00200	0.00151	0.00153	75.5	76.5	61.0-137			1.32	20
Phenanthrene	0.00200	0.00159	0.00164	79.5	82.0	62.0-137			3.10	20
Pyrene	0.00200	0.00155	0.00161	77.5	80.5	60.0-142			3.80	20
1-Methylnaphthalene	0.00200	0.00160	0.00161	80.0	80.5	66.0-142			0.623	20
2-Methylnaphthalene	0.00200	0.00152	0.00154	76.0	77.0	62.0-136			1.31	20
2-Chloronaphthalene	0.00200	0.00153	0.00158	76.5	79.0	64.0-140			3.22	20
<i>(S) Nitrobenzene-d5</i>				79.0	79.0	31.0-160				
<i>(S) 2-Fluorobiphenyl</i>				75.0	79.0	48.0-148				
<i>(S) p-Terphenyl-d14</i>				71.0	72.5	37.0-146				

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J4	The associated batch QC was outside the established quality control range for accuracy.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address:
711 AECOM - Annapolis Junction
430 National Business Parkway
Suite 190
Annapolis Junction, MD 20701

Billing Information:
Samuel Kramer
P.O. Box 711 - Loc. 0148
Dallas, TX 75221

Pres Chk

Report to:
Rachael Allen

Email To:
Sarah.Layer@aecom.com; Rachael.Allen@aecom

Project Description:
7-11 #28924

City/State Collected:
Taylorsville, MD

Please Circle:
 PT MT CT **ET**

Phone: **301-467-7611**

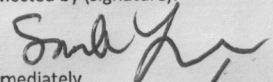
Client Project #
60653044

Lab Project #
711AECOMAMD-28924

Collected by (print):
Sarah Layer

Site/Facility ID #
28924

P.O. #
ENFOS - WO1104651


Collected by (signature):

 Immediately Packed on Ice N Y

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
 Date Results Needed

Analysis / Container / Preservative		
PAHSIMLV Naphth only 40mlAmb-NoPres-WT		
V524GW 40mlAmb-AscAcid+HCl		
V8260BFFS 40mlAmb-HCl		

Chain of Custody Page 1 of 1



PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

SDG # **1749451**

1116

Acctnum: **711AECOMAMD**
 Template: **T203430**
 Prelogin: **P1080480**
 PM: **3813 - Marty Edwards III**
 PB: **LM 6/5/24**
 Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)
	→ 01
	→ 02
	→ 03
	→ 04
	→ 05
	→ 06
	→ 07
	→ 08

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs				
R-MW-1	G	GW		6/19/24	1100	5	X			
MW-3R	G	GW		6/19/24	1305	5	X			
RW-2	G	GW		6/20/24	1600	5	X			
TFMW-1	G	GW		6/19/24	1410	5	X			
TFMW-2	G	GW		6/19/24	1140	5	X			
		GW		X						
GAC-INF	G	GW		6/19/24	1525	3	X			
GAC-MID	G	GW		6/19/24	1520	3	X			
GAC-EFF	G	GW		6/19/24	1515	3	X			
		GW								

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other _____

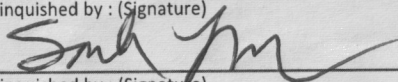
Remarks:
 pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 UPS FedEx Courier _____

Tracking # **7315 3199 4650**

Sample Receipt Checklist

COC Seal Present/Intact:	NP	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
COC Signed/Accurate:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Bottles arrive intact:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Correct bottles used:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Sufficient volume sent:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
If Applicable			
VOA Zero Headspace:		<input type="checkbox"/> Y	<input type="checkbox"/> N
Preservation Correct/Checked:		<input type="checkbox"/> Y	<input type="checkbox"/> N
RAD Screen <0.5 mR/hr:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N

Relinquished by: (Signature) 	Date: 6/20/24	Time:	Received by: (Signature)	Trip Blank Received: 2 Yes / No HC / MeOH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 17.7°C 4.3°F ± 0.3 = 4.6 Bottles Received: 34
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) CH arber steven ran	Date: 6-21-24 Time: 9:15 Hold:

Condition:
 NCF / **OK**