

Oregon Dept. of Env. Quality - ODEQ

Sample Delivery Group: L1764784
Samples Received: 08/07/2024
Project Number: 310200
Description: Elmira Family Store QCAT #37622

Report To: Rachel Long
165 E. 7th Avenue
Suite 100
Eugene, OR 97401

Entire Report Reviewed By:



Jason Romer
Project Manager

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Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SAMPLE SUMMARY

MCQUARRIE POST SHED L1764784-01 GW

				Collected by Rachel Long	Collected date/time 08/06/24 10:00	Received date/time 08/07/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 14:56	08/11/24 14:56	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2338780	1	08/14/24 23:22	08/14/24 23:22	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2343891	1	08/15/24 19:28	08/15/24 19:28	ADM	Mt. Juliet, TN

¹Cp

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⁹Sc

MCQUARRIE MID 2 L1764784-02 GW

				Collected by Rachel Long	Collected date/time 08/06/24 10:15	Received date/time 08/07/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 15:25	08/11/24 15:25	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2340142	1	08/10/24 08:10	08/10/24 08:10	JAH	Mt. Juliet, TN

MCQUARRIE MID 1 L1764784-03 GW

				Collected by Rachel Long	Collected date/time 08/06/24 10:25	Received date/time 08/07/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 15:49	08/11/24 15:49	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2340142	1	08/10/24 08:31	08/10/24 08:31	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2342509	20	08/14/24 14:09	08/14/24 14:09	DYW	Mt. Juliet, TN

MCQUARRIE PRE L1764784-04 GW

				Collected by Rachel Long	Collected date/time 08/06/24 10:35	Received date/time 08/07/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 16:14	08/11/24 16:14	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2340142	10	08/10/24 10:34	08/10/24 10:34	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2342509	10	08/14/24 14:30	08/14/24 14:30	DYW	Mt. Juliet, TN

MCQUARRIE DUP L1764784-05 GW

				Collected by Rachel Long	Collected date/time 08/06/24 10:35	Received date/time 08/07/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 16:37	08/11/24 16:37	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2340142	1	08/10/24 08:51	08/10/24 08:51	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2342509	20	08/14/24 14:50	08/14/24 14:50	DYW	Mt. Juliet, TN

MCQUARRIE POST GARAGE L1764784-06 GW

				Collected by Rachel Long	Collected date/time 08/06/24 10:45	Received date/time 08/07/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 17:00	08/11/24 17:00	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2338780	1	08/14/24 23:45	08/14/24 23:45	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2343891	1	08/15/24 19:51	08/15/24 19:51	ADM	Mt. Juliet, TN

LANCASTER POST L1764784-07 GW

				Collected by Rachel Long	Collected date/time 08/06/24 12:00	Received date/time 08/07/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 17:24	08/11/24 17:24	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2338780	1	08/15/24 00:09	08/15/24 00:09	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2343891	1	08/15/24 20:15	08/15/24 20:15	ADM	Mt. Juliet, TN

ACCOUNT:

Oregon Dept. of Env. Quality - ODEQ

PROJECT:

310200

SDG:

L1764784

DATE/TIME:

08/16/24 14:53

PAGE:

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SAMPLE SUMMARY

LANCASTER MID 2 L1764784-08 GW

Collected by Rachel Long
Collected date/time 08/06/24 12:10
Received date/time 08/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 17:51	08/11/24 17:51	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2340142	1	08/10/24 09:12	08/10/24 09:12	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2342509	1	08/14/24 12:48	08/14/24 12:48	DYW	Mt. Juliet, TN

LANCASTER MID 1 L1764784-09 GW

Collected by Rachel Long
Collected date/time 08/06/24 12:20
Received date/time 08/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 18:15	08/11/24 18:15	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2340142	1	08/10/24 09:32	08/10/24 09:32	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2342509	1	08/14/24 13:08	08/14/24 13:08	DYW	Mt. Juliet, TN

LANCASTER PRE L1764784-10 GW

Collected by Rachel Long
Collected date/time 08/06/24 12:25
Received date/time 08/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 18:38	08/11/24 18:38	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2340142	1	08/10/24 09:53	08/10/24 09:53	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2342509	1	08/14/24 13:28	08/14/24 13:28	DYW	Mt. Juliet, TN

LANCASTER DUP L1764784-11 GW

Collected by Rachel Long
Collected date/time 08/06/24 12:25
Received date/time 08/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 19:02	08/11/24 19:02	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2340142	1	08/10/24 10:13	08/10/24 10:13	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2342509	1	08/14/24 13:49	08/14/24 13:49	DYW	Mt. Juliet, TN

CORDON L1764784-12 GW

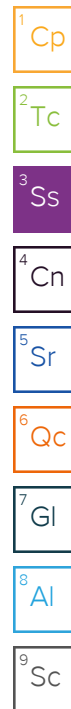
Collected by Rachel Long
Collected date/time 08/06/24 11:15
Received date/time 08/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2340545	1	08/11/24 19:25	08/11/24 19:25	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2338780	1	08/15/24 00:32	08/15/24 00:32	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2343891	1	08/15/24 20:38	08/15/24 20:38	ADM	Mt. Juliet, TN

TRIP BLANK L1764784-13 GW

Collected by Rachel Long
Collected date/time 08/06/24 00:00
Received date/time 08/07/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2340805	1	08/12/24 00:49	08/12/24 00:49	JCP	Mt. Juliet, TN



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.



Jason Romer
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

<u>Lab Sample ID</u>	<u>Project Sample ID</u>	<u>Method</u>
L1764784-12	CORDON	524.2



Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	08/11/2024 14:56	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	101		78.0-120		08/11/2024 14:56	WG2340545

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.500	1	08/14/2024 23:22	WG2338780
Carbon tetrachloride	ND		0.500	1	08/14/2024 23:22	WG2338780
1,4-Dichlorobenzene	ND		0.500	1	08/14/2024 23:22	WG2338780
1,2-Dichloroethane	ND		0.500	1	08/14/2024 23:22	WG2338780
1,1-Dichloroethene	ND		0.500	1	08/14/2024 23:22	WG2338780
1,1,1-Trichloroethane	ND		0.500	1	08/14/2024 23:22	WG2338780
Trichloroethene	ND		0.500	1	08/14/2024 23:22	WG2338780
Vinyl chloride	ND		0.500	1	08/14/2024 23:22	WG2338780
1,2,4-Trichlorobenzene	ND		0.500	1	08/14/2024 23:22	WG2338780
cis-1,2-Dichloroethene	ND		0.500	1	08/14/2024 23:22	WG2338780
Xylenes, Total	ND		0.500	1	08/14/2024 23:22	WG2338780
Methylene chloride	ND		0.500	1	08/14/2024 23:22	WG2338780
1,2-Dichlorobenzene	ND		0.500	1	08/14/2024 23:22	WG2338780
trans-1,2-Dichloroethene	ND		0.500	1	08/14/2024 23:22	WG2338780
1,2-Dichloropropane	ND		0.500	1	08/14/2024 23:22	WG2338780
1,1,2-Trichloroethane	ND		0.500	1	08/14/2024 23:22	WG2338780
Tetrachloroethene	ND		0.500	1	08/14/2024 23:22	WG2338780
Chlorobenzene	ND		0.500	1	08/14/2024 23:22	WG2338780
Toluene	ND		0.500	1	08/14/2024 23:22	WG2338780
Ethylbenzene	ND		0.500	1	08/14/2024 23:22	WG2338780
Styrene	ND		0.500	1	08/14/2024 23:22	WG2338780
Bromobenzene	ND		0.500	1	08/14/2024 23:22	WG2338780
Bromodichloromethane	ND		0.500	1	08/14/2024 23:22	WG2338780
Bromoform	ND		0.500	1	08/14/2024 23:22	WG2338780
Bromomethane	ND		1.00	1	08/15/2024 19:28	WG2343891
Chlorodibromomethane	ND		0.500	1	08/14/2024 23:22	WG2338780
Chloroethane	ND		0.500	1	08/14/2024 23:22	WG2338780
Chloroform	ND		0.500	1	08/14/2024 23:22	WG2338780
Chloromethane	ND		0.500	1	08/14/2024 23:22	WG2338780
2-Chlorotoluene	ND		0.500	1	08/14/2024 23:22	WG2338780
4-Chlorotoluene	ND		0.500	1	08/14/2024 23:22	WG2338780
Dibromomethane	ND		0.500	1	08/14/2024 23:22	WG2338780
1,3-Dichlorobenzene	ND		0.500	1	08/14/2024 23:22	WG2338780
1,1-Dichloroethane	ND		0.500	1	08/14/2024 23:22	WG2338780
1,3-Dichloropropane	ND		0.500	1	08/14/2024 23:22	WG2338780
2,2-Dichloropropane	ND		0.500	1	08/14/2024 23:22	WG2338780
1,1-Dichloropropene	ND		0.500	1	08/14/2024 23:22	WG2338780
1,3-Dichloropropene	ND		0.500	1	08/14/2024 23:22	WG2338780
1,1,1,2-Tetrachloroethane	ND		0.500	1	08/14/2024 23:22	WG2338780
1,1,2,2-Tetrachloroethane	ND		0.500	1	08/14/2024 23:22	WG2338780
1,2,3-Trichloropropane	ND		0.500	1	08/15/2024 19:28	WG2343891
Methyl tert-butyl ether	ND		0.500	1	08/14/2024 23:22	WG2338780
Naphthalene	ND		0.500	1	08/14/2024 23:22	WG2338780
1,2-Dibromoethane	ND		0.500	1	08/14/2024 23:22	WG2338780
Isopropylbenzene	ND		0.500	1	08/14/2024 23:22	WG2338780
1,2,4-Trimethylbenzene	ND		0.500	1	08/14/2024 23:22	WG2338780
1,3,5-Trimethylbenzene	ND		0.500	1	08/14/2024 23:22	WG2338780

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	08/11/2024 15:25	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	99.7		78.0-120		08/11/2024 15:25	WG2340545

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	08/10/2024 08:10	WG2340142
Ethylbenzene	ND	J4	1.00	1	08/10/2024 08:10	WG2340142
Toluene	ND	J4	1.00	1	08/10/2024 08:10	WG2340142
Xylenes, Total	ND		3.00	1	08/10/2024 08:10	WG2340142
Methyl tert-butyl ether	ND		1.00	1	08/10/2024 08:10	WG2340142
Naphthalene	ND	C3	5.00	1	08/10/2024 08:10	WG2340142
1,2-Dibromoethane	ND		1.00	1	08/10/2024 08:10	WG2340142
1,2-Dichloroethane	4.37		1.00	1	08/10/2024 08:10	WG2340142
Isopropylbenzene	ND		1.00	1	08/10/2024 08:10	WG2340142
n-Propylbenzene	ND		1.00	1	08/10/2024 08:10	WG2340142
1,2,4-Trimethylbenzene	ND		1.00	1	08/10/2024 08:10	WG2340142
1,3,5-Trimethylbenzene	ND		1.00	1	08/10/2024 08:10	WG2340142
(S) Toluene-d8	111		80.0-120		08/10/2024 08:10	WG2340142
(S) 4-Bromofluorobenzene	104		77.0-126		08/10/2024 08:10	WG2340142
(S) 1,2-Dichloroethane-d4	108		70.0-130		08/10/2024 08:10	WG2340142

1
Cp

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Ss

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Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	866		100	1	08/11/2024 15:49	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	96.3		78.0-120		08/11/2024 15:49	WG2340545

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	519		20.0	20	08/14/2024 14:09	WG2342509
Ethylbenzene	ND	J4	1.00	1	08/10/2024 08:31	WG2340142
Toluene	ND	J4	1.00	1	08/10/2024 08:31	WG2340142
Xylenes, Total	ND		3.00	1	08/10/2024 08:31	WG2340142
Methyl tert-butyl ether	ND		1.00	1	08/10/2024 08:31	WG2340142
Naphthalene	ND	C3	5.00	1	08/10/2024 08:31	WG2340142
1,2-Dibromoethane	ND		1.00	1	08/10/2024 08:31	WG2340142
1,2-Dichloroethane	4.75		1.00	1	08/10/2024 08:31	WG2340142
Isopropylbenzene	ND		1.00	1	08/10/2024 08:31	WG2340142
n-Propylbenzene	ND		1.00	1	08/10/2024 08:31	WG2340142
1,2,4-Trimethylbenzene	ND		1.00	1	08/10/2024 08:31	WG2340142
1,3,5-Trimethylbenzene	ND		1.00	1	08/10/2024 08:31	WG2340142
(S) Toluene-d8	110		80.0-120		08/10/2024 08:31	WG2340142
(S) Toluene-d8	103		80.0-120		08/14/2024 14:09	WG2342509
(S) 4-Bromofluorobenzene	99.5		77.0-126		08/10/2024 08:31	WG2340142
(S) 4-Bromofluorobenzene	93.4		77.0-126		08/14/2024 14:09	WG2342509
(S) 1,2-Dichloroethane-d4	106		70.0-130		08/10/2024 08:31	WG2340142
(S) 1,2-Dichloroethane-d4	115		70.0-130		08/14/2024 14:09	WG2342509

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Gasoline Range Organics-NWTPH	1590		100	1	08/11/2024 16:14	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	91.3		78.0-120		08/11/2024 16:14	WG2340545

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	912		10.0	10	08/10/2024 10:34	WG2340142
Ethylbenzene	26.8		10.0	10	08/14/2024 14:30	WG2342509
Toluene	ND	J4	10.0	10	08/10/2024 10:34	WG2340142
Xylenes, Total	ND		30.0	10	08/10/2024 10:34	WG2340142
Methyl tert-butyl ether	ND		10.0	10	08/10/2024 10:34	WG2340142
Naphthalene	ND	C3	50.0	10	08/10/2024 10:34	WG2340142
1,2-Dibromoethane	ND		10.0	10	08/10/2024 10:34	WG2340142
1,2-Dichloroethane	ND		10.0	10	08/10/2024 10:34	WG2340142
Isopropylbenzene	ND		10.0	10	08/10/2024 10:34	WG2340142
n-Propylbenzene	ND		10.0	10	08/10/2024 10:34	WG2340142
1,2,4-Trimethylbenzene	ND		10.0	10	08/10/2024 10:34	WG2340142
1,3,5-Trimethylbenzene	ND		10.0	10	08/10/2024 10:34	WG2340142
(S) Toluene-d8	109		80.0-120		08/10/2024 10:34	WG2340142
(S) Toluene-d8	98.7		80.0-120		08/14/2024 14:30	WG2342509
(S) 4-Bromofluorobenzene	102		77.0-126		08/10/2024 10:34	WG2340142
(S) 4-Bromofluorobenzene	91.3		77.0-126		08/14/2024 14:30	WG2342509
(S) 1,2-Dichloroethane-d4	103		70.0-130		08/10/2024 10:34	WG2340142
(S) 1,2-Dichloroethane-d4	115		70.0-130		08/14/2024 14:30	WG2342509

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	1470		100	1	08/11/2024 16:37	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	92.2		78.0-120		08/11/2024 16:37	WG2340545

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	927		20.0	20	08/14/2024 14:50	WG2342509
Ethylbenzene	24.1		20.0	20	08/14/2024 14:50	WG2342509
Toluene	ND		20.0	20	08/14/2024 14:50	WG2342509
Xylenes, Total	5.04		3.00	1	08/10/2024 08:51	WG2340142
Methyl tert-butyl ether	ND		1.00	1	08/10/2024 08:51	WG2340142
Naphthalene	ND	C3	5.00	1	08/10/2024 08:51	WG2340142
1,2-Dibromoethane	ND		1.00	1	08/10/2024 08:51	WG2340142
1,2-Dichloroethane	4.38		1.00	1	08/10/2024 08:51	WG2340142
Isopropylbenzene	11.1		1.00	1	08/10/2024 08:51	WG2340142
n-Propylbenzene	12.0		1.00	1	08/10/2024 08:51	WG2340142
1,2,4-Trimethylbenzene	ND		1.00	1	08/10/2024 08:51	WG2340142
1,3,5-Trimethylbenzene	ND		1.00	1	08/10/2024 08:51	WG2340142
(S) Toluene-d8	111		80.0-120		08/10/2024 08:51	WG2340142
(S) Toluene-d8	98.4		80.0-120		08/14/2024 14:50	WG2342509
(S) 4-Bromofluorobenzene	103		77.0-126		08/10/2024 08:51	WG2340142
(S) 4-Bromofluorobenzene	90.1		77.0-126		08/14/2024 14:50	WG2342509
(S) 1,2-Dichloroethane-d4	105		70.0-130		08/10/2024 08:51	WG2340142
(S) 1,2-Dichloroethane-d4	116		70.0-130		08/14/2024 14:50	WG2342509

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	08/11/2024 17:00	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	100		78.0-120		08/11/2024 17:00	WG2340545

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.500	1	08/14/2024 23:45	WG2338780
Carbon tetrachloride	ND		0.500	1	08/14/2024 23:45	WG2338780
1,4-Dichlorobenzene	ND		0.500	1	08/14/2024 23:45	WG2338780
1,2-Dichloroethane	ND		0.500	1	08/14/2024 23:45	WG2338780
1,1-Dichloroethene	ND		0.500	1	08/14/2024 23:45	WG2338780
1,1,1-Trichloroethane	ND		0.500	1	08/14/2024 23:45	WG2338780
Trichloroethene	ND		0.500	1	08/14/2024 23:45	WG2338780
Vinyl chloride	ND		0.500	1	08/14/2024 23:45	WG2338780
1,2,4-Trichlorobenzene	ND		0.500	1	08/14/2024 23:45	WG2338780
cis-1,2-Dichloroethene	ND		0.500	1	08/14/2024 23:45	WG2338780
Xylenes, Total	ND		0.500	1	08/14/2024 23:45	WG2338780
Methylene chloride	ND		0.500	1	08/14/2024 23:45	WG2338780
1,2-Dichlorobenzene	ND		0.500	1	08/14/2024 23:45	WG2338780
trans-1,2-Dichloroethene	ND		0.500	1	08/14/2024 23:45	WG2338780
1,2-Dichloropropane	ND		0.500	1	08/14/2024 23:45	WG2338780
1,1,2-Trichloroethane	ND		0.500	1	08/14/2024 23:45	WG2338780
Tetrachloroethene	ND		0.500	1	08/14/2024 23:45	WG2338780
Chlorobenzene	ND		0.500	1	08/14/2024 23:45	WG2338780
Toluene	ND		0.500	1	08/14/2024 23:45	WG2338780
Ethylbenzene	ND		0.500	1	08/14/2024 23:45	WG2338780
Styrene	ND		0.500	1	08/14/2024 23:45	WG2338780
Bromobenzene	ND		0.500	1	08/14/2024 23:45	WG2338780
Bromodichloromethane	ND		0.500	1	08/14/2024 23:45	WG2338780
Bromoform	ND		0.500	1	08/14/2024 23:45	WG2338780
Bromomethane	ND		1.00	1	08/15/2024 19:51	WG2343891
Chlorodibromomethane	ND		0.500	1	08/14/2024 23:45	WG2338780
Chloroethane	ND		0.500	1	08/14/2024 23:45	WG2338780
Chloroform	ND		0.500	1	08/14/2024 23:45	WG2338780
Chloromethane	ND		0.500	1	08/14/2024 23:45	WG2338780
2-Chlorotoluene	ND		0.500	1	08/14/2024 23:45	WG2338780
4-Chlorotoluene	ND		0.500	1	08/14/2024 23:45	WG2338780
Dibromomethane	ND		0.500	1	08/14/2024 23:45	WG2338780
1,3-Dichlorobenzene	ND		0.500	1	08/14/2024 23:45	WG2338780
1,1-Dichloroethane	ND		0.500	1	08/14/2024 23:45	WG2338780
1,3-Dichloropropane	ND		0.500	1	08/14/2024 23:45	WG2338780
2,2-Dichloropropane	ND		0.500	1	08/14/2024 23:45	WG2338780
1,1-Dichloropropene	ND		0.500	1	08/14/2024 23:45	WG2338780
1,3-Dichloropropene	ND		0.500	1	08/14/2024 23:45	WG2338780
1,1,1,2-Tetrachloroethane	ND		0.500	1	08/14/2024 23:45	WG2338780
1,1,2,2-Tetrachloroethane	ND		0.500	1	08/14/2024 23:45	WG2338780
1,2,3-Trichloropropane	ND		0.500	1	08/15/2024 19:51	WG2343891
Methyl tert-butyl ether	ND		0.500	1	08/14/2024 23:45	WG2338780
Naphthalene	ND		0.500	1	08/14/2024 23:45	WG2338780
1,2-Dibromoethane	ND		0.500	1	08/14/2024 23:45	WG2338780
Isopropylbenzene	ND		0.500	1	08/14/2024 23:45	WG2338780
1,2,4-Trimethylbenzene	ND		0.500	1	08/14/2024 23:45	WG2338780
1,3,5-Trimethylbenzene	ND		0.500	1	08/14/2024 23:45	WG2338780

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	08/11/2024 17:24	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	99.6		78.0-120		08/11/2024 17:24	WG2340545

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.500	1	08/15/2024 00:09	WG2338780
Carbon tetrachloride	ND		0.500	1	08/15/2024 00:09	WG2338780
1,4-Dichlorobenzene	ND		0.500	1	08/15/2024 00:09	WG2338780
1,2-Dichloroethane	ND		0.500	1	08/15/2024 00:09	WG2338780
1,1-Dichloroethene	ND		0.500	1	08/15/2024 00:09	WG2338780
1,1,1-Trichloroethane	ND		0.500	1	08/15/2024 00:09	WG2338780
Trichloroethene	ND		0.500	1	08/15/2024 00:09	WG2338780
Vinyl chloride	ND		0.500	1	08/15/2024 00:09	WG2338780
1,2,4-Trichlorobenzene	ND		0.500	1	08/15/2024 00:09	WG2338780
cis-1,2-Dichloroethene	ND		0.500	1	08/15/2024 00:09	WG2338780
Xylenes, Total	ND		0.500	1	08/15/2024 00:09	WG2338780
Methylene chloride	ND		0.500	1	08/15/2024 00:09	WG2338780
1,2-Dichlorobenzene	ND		0.500	1	08/15/2024 00:09	WG2338780
trans-1,2-Dichloroethene	ND		0.500	1	08/15/2024 00:09	WG2338780
1,2-Dichloropropane	ND		0.500	1	08/15/2024 00:09	WG2338780
1,1,2-Trichloroethane	ND		0.500	1	08/15/2024 00:09	WG2338780
Tetrachloroethene	ND		0.500	1	08/15/2024 00:09	WG2338780
Chlorobenzene	ND		0.500	1	08/15/2024 00:09	WG2338780
Toluene	ND		0.500	1	08/15/2024 00:09	WG2338780
Ethylbenzene	ND		0.500	1	08/15/2024 00:09	WG2338780
Styrene	ND		0.500	1	08/15/2024 00:09	WG2338780
Bromobenzene	ND		0.500	1	08/15/2024 00:09	WG2338780
Bromodichloromethane	ND		0.500	1	08/15/2024 00:09	WG2338780
Bromoform	ND		0.500	1	08/15/2024 00:09	WG2338780
Bromomethane	ND		1.00	1	08/15/2024 20:15	WG2343891
Chlorodibromomethane	ND		0.500	1	08/15/2024 00:09	WG2338780
Chloroethane	ND		0.500	1	08/15/2024 00:09	WG2338780
Chloroform	ND		0.500	1	08/15/2024 00:09	WG2338780
Chloromethane	ND		0.500	1	08/15/2024 00:09	WG2338780
2-Chlorotoluene	ND		0.500	1	08/15/2024 00:09	WG2338780
4-Chlorotoluene	ND		0.500	1	08/15/2024 00:09	WG2338780
Dibromomethane	ND		0.500	1	08/15/2024 00:09	WG2338780
1,3-Dichlorobenzene	ND		0.500	1	08/15/2024 00:09	WG2338780
1,1-Dichloroethane	ND		0.500	1	08/15/2024 00:09	WG2338780
1,3-Dichloropropane	ND		0.500	1	08/15/2024 00:09	WG2338780
2,2-Dichloropropane	ND		0.500	1	08/15/2024 00:09	WG2338780
1,1-Dichloropropene	ND		0.500	1	08/15/2024 00:09	WG2338780
1,3-Dichloropropene	ND		0.500	1	08/15/2024 00:09	WG2338780
1,1,1,2-Tetrachloroethane	ND		0.500	1	08/15/2024 00:09	WG2338780
1,1,2,2-Tetrachloroethane	ND		0.500	1	08/15/2024 00:09	WG2338780
1,2,3-Trichloropropane	ND		0.500	1	08/15/2024 20:15	WG2343891
Methyl tert-butyl ether	ND		0.500	1	08/15/2024 00:09	WG2338780
Naphthalene	ND		0.500	1	08/15/2024 00:09	WG2338780
1,2-Dibromoethane	ND		0.500	1	08/15/2024 00:09	WG2338780
Isopropylbenzene	ND		0.500	1	08/15/2024 00:09	WG2338780
1,2,4-Trimethylbenzene	ND		0.500	1	08/15/2024 00:09	WG2338780
1,3,5-Trimethylbenzene	ND		0.500	1	08/15/2024 00:09	WG2338780

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	08/11/2024 17:51	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	101		78.0-120		08/11/2024 17:51	WG2340545

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	08/14/2024 12:48	WG2342509
Ethylbenzene	ND	J4	1.00	1	08/10/2024 09:12	WG2340142
Toluene	ND	J4	1.00	1	08/10/2024 09:12	WG2340142
Xylenes, Total	ND		3.00	1	08/10/2024 09:12	WG2340142
Methyl tert-butyl ether	ND		1.00	1	08/10/2024 09:12	WG2340142
Naphthalene	ND	C3	5.00	1	08/10/2024 09:12	WG2340142
1,2-Dibromoethane	ND		1.00	1	08/10/2024 09:12	WG2340142
1,2-Dichloroethane	ND		1.00	1	08/10/2024 09:12	WG2340142
Isopropylbenzene	ND		1.00	1	08/10/2024 09:12	WG2340142
n-Propylbenzene	ND		1.00	1	08/10/2024 09:12	WG2340142
1,2,4-Trimethylbenzene	ND		1.00	1	08/10/2024 09:12	WG2340142
1,3,5-Trimethylbenzene	ND		1.00	1	08/10/2024 09:12	WG2340142
(S) Toluene-d8	108		80.0-120		08/10/2024 09:12	WG2340142
(S) Toluene-d8	96.5		80.0-120		08/14/2024 12:48	WG2342509
(S) 4-Bromofluorobenzene	104		77.0-126		08/10/2024 09:12	WG2340142
(S) 4-Bromofluorobenzene	87.8		77.0-126		08/14/2024 12:48	WG2342509
(S) 1,2-Dichloroethane-d4	107		70.0-130		08/10/2024 09:12	WG2340142
(S) 1,2-Dichloroethane-d4	119		70.0-130		08/14/2024 12:48	WG2342509

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Gasoline Range Organics-NWTPH	ND		100	1	08/11/2024 18:15	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	100		78.0-120		08/11/2024 18:15	WG2340545

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/14/2024 13:08	WG2342509
Ethylbenzene	ND	J4	1.00	1	08/10/2024 09:32	WG2340142
Toluene	ND	J4	1.00	1	08/10/2024 09:32	WG2340142
Xylenes, Total	ND		3.00	1	08/10/2024 09:32	WG2340142
Methyl tert-butyl ether	ND		1.00	1	08/10/2024 09:32	WG2340142
Naphthalene	ND	C3	5.00	1	08/10/2024 09:32	WG2340142
1,2-Dibromoethane	ND		1.00	1	08/10/2024 09:32	WG2340142
1,2-Dichloroethane	ND		1.00	1	08/10/2024 09:32	WG2340142
Isopropylbenzene	ND		1.00	1	08/10/2024 09:32	WG2340142
n-Propylbenzene	ND		1.00	1	08/10/2024 09:32	WG2340142
1,2,4-Trimethylbenzene	ND		1.00	1	08/10/2024 09:32	WG2340142
1,3,5-Trimethylbenzene	ND		1.00	1	08/10/2024 09:32	WG2340142
(S) Toluene-d8	108		80.0-120		08/10/2024 09:32	WG2340142
(S) Toluene-d8	101		80.0-120		08/14/2024 13:08	WG2342509
(S) 4-Bromofluorobenzene	105		77.0-126		08/10/2024 09:32	WG2340142
(S) 4-Bromofluorobenzene	91.9		77.0-126		08/14/2024 13:08	WG2342509
(S) 1,2-Dichloroethane-d4	103		70.0-130		08/10/2024 09:32	WG2340142
(S) 1,2-Dichloroethane-d4	119		70.0-130		08/14/2024 13:08	WG2342509

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	08/11/2024 18:38	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	101		78.0-120		08/11/2024 18:38	WG2340545

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	08/10/2024 09:53	WG2340142
Ethylbenzene	ND	J4	1.00	1	08/10/2024 09:53	WG2340142
Toluene	3.06		1.00	1	08/14/2024 13:28	WG2342509
Xylenes, Total	ND		3.00	1	08/10/2024 09:53	WG2340142
Methyl tert-butyl ether	1.17		1.00	1	08/10/2024 09:53	WG2340142
Naphthalene	ND	C3	5.00	1	08/10/2024 09:53	WG2340142
1,2-Dibromoethane	ND		1.00	1	08/10/2024 09:53	WG2340142
1,2-Dichloroethane	ND		1.00	1	08/10/2024 09:53	WG2340142
Isopropylbenzene	ND		1.00	1	08/10/2024 09:53	WG2340142
n-Propylbenzene	ND		1.00	1	08/10/2024 09:53	WG2340142
1,2,4-Trimethylbenzene	ND		1.00	1	08/10/2024 09:53	WG2340142
1,3,5-Trimethylbenzene	ND		1.00	1	08/10/2024 09:53	WG2340142
(S) Toluene-d8	110		80.0-120		08/10/2024 09:53	WG2340142
(S) Toluene-d8	101		80.0-120		08/14/2024 13:28	WG2342509
(S) 4-Bromofluorobenzene	101		77.0-126		08/10/2024 09:53	WG2340142
(S) 4-Bromofluorobenzene	88.6		77.0-126		08/14/2024 13:28	WG2342509
(S) 1,2-Dichloroethane-d4	104		70.0-130		08/10/2024 09:53	WG2340142
(S) 1,2-Dichloroethane-d4	118		70.0-130		08/14/2024 13:28	WG2342509

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	08/11/2024 19:02	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	99.7		78.0-120		08/11/2024 19:02	WG2340545

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	08/10/2024 10:13	WG2340142
Ethylbenzene	ND	J4	1.00	1	08/10/2024 10:13	WG2340142
Toluene	ND		1.00	1	08/14/2024 13:49	WG2342509
Xylenes, Total	ND		3.00	1	08/10/2024 10:13	WG2340142
Methyl tert-butyl ether	1.52		1.00	1	08/10/2024 10:13	WG2340142
Naphthalene	ND	C3	5.00	1	08/10/2024 10:13	WG2340142
1,2-Dibromoethane	ND		1.00	1	08/10/2024 10:13	WG2340142
1,2-Dichloroethane	ND		1.00	1	08/10/2024 10:13	WG2340142
Isopropylbenzene	ND		1.00	1	08/10/2024 10:13	WG2340142
n-Propylbenzene	ND		1.00	1	08/10/2024 10:13	WG2340142
1,2,4-Trimethylbenzene	ND		1.00	1	08/10/2024 10:13	WG2340142
1,3,5-Trimethylbenzene	ND		1.00	1	08/10/2024 10:13	WG2340142
(S) Toluene-d8	112		80.0-120		08/10/2024 10:13	WG2340142
(S) Toluene-d8	101		80.0-120		08/14/2024 13:49	WG2342509
(S) 4-Bromofluorobenzene	105		77.0-126		08/10/2024 10:13	WG2340142
(S) 4-Bromofluorobenzene	92.1		77.0-126		08/14/2024 13:49	WG2342509
(S) 1,2-Dichloroethane-d4	106		70.0-130		08/10/2024 10:13	WG2340142
(S) 1,2-Dichloroethane-d4	118		70.0-130		08/14/2024 13:49	WG2342509

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	ND		100	1	08/11/2024 19:25	WG2340545
(S) a,a,a-Trifluorotoluene(FID)	100		78.0-120		08/11/2024 19:25	WG2340545

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.500	1	08/15/2024 00:32	WG2338780
Carbon tetrachloride	ND		0.500	1	08/15/2024 00:32	WG2338780
1,4-Dichlorobenzene	ND		0.500	1	08/15/2024 00:32	WG2338780
1,2-Dichloroethane	ND		0.500	1	08/15/2024 00:32	WG2338780
1,1-Dichloroethene	ND		0.500	1	08/15/2024 00:32	WG2338780
1,1,1-Trichloroethane	ND		0.500	1	08/15/2024 00:32	WG2338780
Trichloroethene	ND		0.500	1	08/15/2024 00:32	WG2338780
Vinyl chloride	ND		0.500	1	08/15/2024 00:32	WG2338780
1,2,4-Trichlorobenzene	ND		0.500	1	08/15/2024 00:32	WG2338780
cis-1,2-Dichloroethene	ND		0.500	1	08/15/2024 00:32	WG2338780
Xylenes, Total	ND		0.500	1	08/15/2024 00:32	WG2338780
Methylene chloride	ND		0.500	1	08/15/2024 00:32	WG2338780
1,2-Dichlorobenzene	ND		0.500	1	08/15/2024 00:32	WG2338780
trans-1,2-Dichloroethene	ND		0.500	1	08/15/2024 00:32	WG2338780
1,2-Dichloropropane	ND		0.500	1	08/15/2024 00:32	WG2338780
1,1,2-Trichloroethane	ND		0.500	1	08/15/2024 00:32	WG2338780
Tetrachloroethene	ND		0.500	1	08/15/2024 00:32	WG2338780
Chlorobenzene	ND		0.500	1	08/15/2024 00:32	WG2338780
Toluene	ND		0.500	1	08/15/2024 00:32	WG2338780
Ethylbenzene	ND		0.500	1	08/15/2024 00:32	WG2338780
Styrene	ND		0.500	1	08/15/2024 00:32	WG2338780
Bromobenzene	ND		0.500	1	08/15/2024 00:32	WG2338780
Bromodichloromethane	ND		0.500	1	08/15/2024 00:32	WG2338780
Bromoform	ND		0.500	1	08/15/2024 00:32	WG2338780
Bromomethane	ND		1.00	1	08/15/2024 20:38	WG2343891
Chlorodibromomethane	ND		0.500	1	08/15/2024 00:32	WG2338780
Chloroethane	ND		0.500	1	08/15/2024 00:32	WG2338780
Chloroform	ND		0.500	1	08/15/2024 00:32	WG2338780
Chloromethane	ND		0.500	1	08/15/2024 00:32	WG2338780
2-Chlorotoluene	ND		0.500	1	08/15/2024 00:32	WG2338780
4-Chlorotoluene	ND		0.500	1	08/15/2024 00:32	WG2338780
Dibromomethane	ND		0.500	1	08/15/2024 00:32	WG2338780
1,3-Dichlorobenzene	ND		0.500	1	08/15/2024 00:32	WG2338780
1,1-Dichloroethane	ND		0.500	1	08/15/2024 00:32	WG2338780
1,3-Dichloropropane	ND		0.500	1	08/15/2024 00:32	WG2338780
2,2-Dichloropropane	ND		0.500	1	08/15/2024 00:32	WG2338780
1,1-Dichloropropene	ND		0.500	1	08/15/2024 00:32	WG2338780
1,3-Dichloropropene	ND		0.500	1	08/15/2024 00:32	WG2338780
1,1,1,2-Tetrachloroethane	ND		0.500	1	08/15/2024 00:32	WG2338780
1,1,2,2-Tetrachloroethane	ND		0.500	1	08/15/2024 00:32	WG2338780
1,2,3-Trichloropropane	ND		0.500	1	08/15/2024 20:38	WG2343891
Methyl tert-butyl ether	ND		0.500	1	08/15/2024 00:32	WG2338780
Naphthalene	ND		0.500	1	08/15/2024 00:32	WG2338780
1,2-Dibromoethane	ND		0.500	1	08/15/2024 00:32	WG2338780
Isopropylbenzene	ND		0.500	1	08/15/2024 00:32	WG2338780
1,2,4-Trimethylbenzene	ND		0.500	1	08/15/2024 00:32	WG2338780
1,3,5-Trimethylbenzene	ND		0.500	1	08/15/2024 00:32	WG2338780

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 524.2/8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2024 00:49	WG2340805
Ethylbenzene	ND		1.00	1	08/12/2024 00:49	WG2340805
Toluene	ND		1.00	1	08/12/2024 00:49	WG2340805
Xylenes, Total	ND		3.00	1	08/12/2024 00:49	WG2340805
Methyl tert-butyl ether	ND		1.00	1	08/12/2024 00:49	WG2340805
Naphthalene	ND	C3	5.00	1	08/12/2024 00:49	WG2340805
1,2-Dibromoethane	ND		1.00	1	08/12/2024 00:49	WG2340805
1,2-Dichloroethane	ND		1.00	1	08/12/2024 00:49	WG2340805
Isopropylbenzene	ND		1.00	1	08/12/2024 00:49	WG2340805
n-Propylbenzene	ND		1.00	1	08/12/2024 00:49	WG2340805
1,2,4-Trimethylbenzene	ND		1.00	1	08/12/2024 00:49	WG2340805
1,3,5-Trimethylbenzene	ND		1.00	1	08/12/2024 00:49	WG2340805
(S) Toluene-d8	103		80.0-120		08/12/2024 00:49	WG2340805
(S) 4-Bromofluorobenzene	98.8		77.0-126		08/12/2024 00:49	WG2340805
(S) 1,2-Dichloroethane-d4	85.1		70.0-130		08/12/2024 00:49	WG2340805

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4106593-2 08/11/24 11:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	32.9	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	100			78.0-120

Laboratory Control Sample (LCS)

(LCS) R4106593-1 08/11/24 10:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5000	4820	96.4	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			103	78.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4107049-2 08/14/24 19:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Carbon tetrachloride	U		0.0660	0.500
1,4-Dichlorobenzene	U		0.0310	0.500
1,2-Dichloroethane	U		0.0498	0.500
1,1-Dichloroethene	U		0.0540	0.500
1,1,1-Trichloroethane	U		0.0490	0.500
Trichloroethene	U		0.0440	0.500
Vinyl chloride	U		0.0260	0.500
1,2,4-Trichlorobenzene	U		0.0530	0.500
cis-1,2-Dichloroethene	U		0.0640	0.500
Xylenes, Total	U		0.340	0.500
Methylene chloride	U		0.0608	0.500
1,2-Dichlorobenzene	U		0.0410	0.500
trans-1,2-Dichloroethene	U		0.100	0.500
1,2-Dichloropropane	U		0.0270	0.500
1,1,2-Trichloroethane	U		0.0701	0.500
Tetrachloroethene	U		0.0790	0.500
Chlorobenzene	U		0.0370	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500
Styrene	U		0.0360	0.500
Bromobenzene	U		0.0490	0.500
Bromodichloromethane	U		0.0810	0.500
Bromoform	U		0.0800	0.500
Chlorodibromomethane	U		0.0930	0.500
Chloroethane	U		0.190	0.500
Chloroform	U		0.0800	0.500
Chloromethane	U		0.0290	0.500
2-Chlorotoluene	U		0.0480	0.500
4-Chlorotoluene	U		0.0550	0.500
Dibromomethane	U		0.0700	0.500
1,3-Dichlorobenzene	U		0.0360	0.500
1,1-Dichloroethane	U		0.0240	0.500
1,3-Dichloropropane	U		0.0230	0.500
2,2-Dichloropropane	U		0.0680	0.500
1,1-Dichloropropene	U		0.0450	0.500
1,3-Dichloropropene	U		0.150	0.500
1,1,1,2-Tetrachloroethane	U		0.0700	0.500
1,1,2,2-Tetrachloroethane	U		0.0790	0.500
Methyl tert-butyl ether	U		0.0530	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4107049-2 08/14/24 19:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Naphthalene	U		0.110	0.500
1,2-Dibromoethane	U		0.210	0.500
Isopropylbenzene	U		0.0410	0.500
1,2,4-Trimethylbenzene	U		0.0430	0.500
1,3,5-Trimethylbenzene	U		0.0430	0.500

Laboratory Control Sample (LCS)

(LCS) R4107049-1 08/14/24 17:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	10.0	10.1	101	70.0-130	
Carbon tetrachloride	10.0	10.0	100	70.0-130	
1,4-Dichlorobenzene	10.0	10.1	101	70.0-130	
1,2-Dichloroethane	10.0	10.2	102	70.0-130	
1,1-Dichloroethene	10.0	10.5	105	70.0-130	
1,1,1-Trichloroethane	10.0	10.3	103	70.0-130	
Trichloroethene	10.0	9.80	98.0	70.0-130	
Vinyl chloride	10.0	10.3	103	70.0-130	
1,2,4-Trichlorobenzene	10.0	10.2	102	70.0-130	
cis-1,2-Dichloroethene	10.0	10.6	106	70.0-130	
Xylenes, Total	30.0	30.8	103	70.0-130	
Methylene chloride	10.0	9.51	95.1	70.0-130	
1,2-Dichlorobenzene	10.0	9.76	97.6	70.0-130	
trans-1,2-Dichloroethene	10.0	10.0	100	70.0-130	
1,2-Dichloropropane	10.0	10.4	104	70.0-130	
1,1,2-Trichloroethane	10.0	10.8	108	70.0-130	
Tetrachloroethene	10.0	10.6	106	70.0-130	
Chlorobenzene	10.0	10.2	102	70.0-130	
Toluene	10.0	10.1	101	70.0-130	
Ethylbenzene	10.0	10.2	102	70.0-130	
Styrene	10.0	10.7	107	70.0-130	
Bromobenzene	10.0	9.71	97.1	70.0-130	
Bromodichloromethane	10.0	10.6	106	70.0-130	
Bromoform	10.0	9.74	97.4	70.0-130	
Chlorodibromomethane	10.0	10.7	107	70.0-130	
Chloroethane	10.0	8.78	87.8	70.0-130	
Chloroform	10.0	9.83	98.3	70.0-130	
Chloromethane	10.0	9.17	91.7	70.0-130	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R4107049-1 08/14/24 17:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2-Chlorotoluene	10.0	10.1	101	70.0-130	
4-Chlorotoluene	10.0	9.93	99.3	70.0-130	
Dibromomethane	10.0	10.9	109	70.0-130	
1,3-Dichlorobenzene	10.0	9.94	99.4	70.0-130	
1,1-Dichloroethane	10.0	10.2	102	70.0-130	
1,3-Dichloropropane	10.0	10.4	104	70.0-130	
2,2-Dichloropropane	10.0	10.6	106	70.0-130	
1,1-Dichloropropene	10.0	10.4	104	70.0-130	
1,3-Dichloropropene	20.0	20.3	102	70.0-130	
1,1,1,2-Tetrachloroethane	10.0	10.1	101	70.0-130	
1,1,2,2-Tetrachloroethane	10.0	9.57	95.7	70.0-130	
Methyl tert-butyl ether	10.0	10.4	104	70.0-130	
Naphthalene	10.0	10.4	104	70.0-130	
Isopropylbenzene	10.0	10.4	104	70.0-130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70.0-130	
1,3,5-Trimethylbenzene	10.0	9.99	99.9	70.0-130	

L1765099-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1765099-03 08/14/24 20:38 • (MS) R4107049-3 08/15/24 02:06 • (MSD) R4107049-4 08/15/24 02:29

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Benzene	5.00	ND	5.68	5.54	114	111	1	70.0-130			2.50	20
Carbon tetrachloride	5.00	ND	6.15	6.40	123	128	1	70.0-130			3.98	20
1,4-Dichlorobenzene	5.00	ND	5.49	5.58	110	112	1	70.0-130			1.63	20
1,2-Dichloroethane	5.00	ND	5.50	5.63	110	113	1	70.0-130			2.34	20
1,1-Dichloroethene	5.00	ND	5.79	6.08	116	122	1	70.0-130			4.89	20
1,1,1-Trichloroethane	5.00	ND	5.97	5.93	119	119	1	70.0-130			0.672	20
Trichloroethene	5.00	0.934	5.45	5.24	90.3	86.1	1	70.0-130			3.93	20
Vinyl chloride	5.00	ND	6.09	6.03	122	121	1	70.0-130			0.990	20
1,2,4-Trichlorobenzene	5.00	ND	5.68	5.84	114	117	1	70.0-130			2.78	20
cis-1,2-Dichloroethene	5.00	ND	5.51	5.52	110	110	1	70.0-130			0.181	20
Xylenes, Total	15.0	ND	17.2	17.2	115	115	1	70.0-130			0.000	20
Methylene chloride	5.00	ND	5.27	5.35	105	107	1	70.0-130			1.51	20
1,2-Dichlorobenzene	5.00	ND	5.47	5.78	109	116	1	70.0-130			5.51	20
trans-1,2-Dichloroethene	5.00	ND	5.18	5.60	104	112	1	70.0-130			7.79	20
1,2-Dichloropropane	5.00	ND	5.59	5.51	112	110	1	70.0-130			1.44	20
1,1,2-Trichloroethane	5.00	ND	5.21	5.59	104	112	1	70.0-130			7.04	20
Tetrachloroethene	5.00	ND	5.86	5.71	117	114	1	70.0-130			2.59	20

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

L1765099-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1765099-03 08/14/24 20:38 • (MS) R4107049-3 08/15/24 02:06 • (MSD) R4107049-4 08/15/24 02:29

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chlorobenzene	5.00	ND	5.53	5.47	111	109	1	70.0-130			1.09	20
Toluene	5.00	ND	5.41	5.49	108	110	1	70.0-130			1.47	20
Ethylbenzene	5.00	ND	5.66	5.74	113	115	1	70.0-130			1.40	20
Styrene	5.00	ND	5.34	5.70	107	114	1	70.0-130			6.52	20
Bromobenzene	5.00	ND	5.51	5.75	110	115	1	70.0-130			4.26	20
Bromodichloromethane	5.00	ND	5.47	5.79	109	116	1	70.0-130			5.68	20
Bromoform	5.00	ND	4.92	5.22	98.4	104	1	70.0-130			5.92	20
Chlorodibromomethane	5.00	ND	5.03	5.37	101	107	1	70.0-130			6.54	20
Chloroethane	5.00	ND	5.53	5.24	111	105	1	70.0-130			5.39	20
Chloroform	5.00	ND	5.73	5.73	115	115	1	70.0-130			0.000	20
Chloromethane	5.00	ND	5.48	5.37	108	106	1	70.0-130			2.03	20
2-Chlorotoluene	5.00	ND	5.79	6.05	116	121	1	70.0-130			4.39	20
4-Chlorotoluene	5.00	ND	5.65	5.61	113	112	1	70.0-130			0.710	20
Dibromomethane	5.00	ND	5.40	5.65	108	113	1	70.0-130			4.52	20
1,3-Dichlorobenzene	5.00	ND	5.49	5.60	110	112	1	70.0-130			1.98	20
1,1-Dichloroethane	5.00	ND	5.87	5.71	117	114	1	70.0-130			2.76	20
1,3-Dichloropropane	5.00	ND	5.71	5.63	114	113	1	70.0-130			1.41	20
2,2-Dichloropropane	5.00	ND	5.21	5.55	104	111	1	70.0-130			6.32	20
1,1-Dichloropropene	5.00	ND	5.76	5.71	115	114	1	70.0-130			0.872	20
1,3-Dichloropropene	10.0	ND	9.96	10.1	99.6	101	1	70.0-130			1.40	20
1,1,1,2-Tetrachloroethane	5.00	ND	5.54	5.71	111	114	1	70.0-130			3.02	20
1,1,2,2-Tetrachloroethane	5.00	ND	5.29	5.75	106	115	1	70.0-130			8.33	20
Methyl tert-butyl ether	5.00	ND	5.32	5.32	106	106	1	70.0-130			0.000	20
Naphthalene	5.00	ND	4.95	5.39	99.0	108	1	70.0-130			8.51	20
Isopropylbenzene	5.00	ND	5.75	5.81	115	116	1	70.0-130			1.04	20
1,2,4-Trimethylbenzene	5.00	ND	5.72	5.75	114	115	1	70.0-130			0.523	20
1,3,5-Trimethylbenzene	5.00	ND	6.11	5.81	122	116	1	70.0-130			5.03	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4107768-2 08/15/24 16:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Bromomethane	U		0.0790	1.00
1,2,3-Trichloropropane	U		0.0720	0.500

Laboratory Control Sample (LCS)

(LCS) R4107768-1 08/15/24 15:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromomethane	5.00	3.70	74.0	70.0-130	
1,2,3-Trichloropropane	5.00	4.72	94.4	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4106444-3 08/10/24 03:43

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dichloroethane	U		0.0819	1.00
Isopropylbenzene	U		0.105	1.00
n-Propylbenzene	U		0.0993	1.00
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	102			77.0-126
(S) 1,2-Dichloroethane-d4	103			70.0-130

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

(LCS) R4106444-1 08/10/24 02:40 • (LCSD) R4106444-2 08/10/24 03:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	5.40	5.77	108	115	70.0-123			6.62	20
Ethylbenzene	5.00	5.47	6.28	109	126	79.0-123		J4	13.8	20
Toluene	5.00	5.55	6.08	111	122	79.0-120		J4	9.11	20
Xylenes, Total	15.0	16.3	18.0	109	120	79.0-123			9.91	20
Methyl tert-butyl ether	5.00	4.59	4.90	91.8	98.0	68.0-125			6.53	20
Naphthalene	5.00	2.74	3.35	54.8	67.0	54.0-135			20.0	20
1,2-Dibromoethane	5.00	5.16	5.58	103	112	80.0-122			7.82	20
1,2-Dichloroethane	5.00	5.32	5.41	106	108	70.0-128			1.68	20
Isopropylbenzene	5.00	5.50	5.98	110	120	76.0-127			8.36	20
n-Propylbenzene	5.00	5.55	6.17	111	123	77.0-124			10.6	20
1,2,4-Trimethylbenzene	5.00	5.55	5.74	111	115	76.0-121			3.37	20
1,3,5-Trimethylbenzene	5.00	5.66	5.88	113	118	76.0-122			3.81	20
(S) Toluene-d8				108	110	80.0-120				
(S) 4-Bromofluorobenzene				101	104	77.0-126				
(S) 1,2-Dichloroethane-d4				107	104	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4106125-2 08/11/24 20:33

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dichloroethane	U		0.0819	1.00
Isopropylbenzene	U		0.105	1.00
n-Propylbenzene	U		0.0993	1.00
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
(S) Toluene-d8	103			80.0-120
(S) 4-Bromofluorobenzene	98.8			77.0-126
(S) 1,2-Dichloroethane-d4	85.4			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4106125-1 08/11/24 19:49

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.69	93.8	70.0-123	
Ethylbenzene	5.00	4.85	97.0	79.0-123	
Toluene	5.00	4.76	95.2	79.0-120	
Xylenes, Total	15.0	14.6	97.3	79.0-123	
Methyl tert-butyl ether	5.00	4.58	91.6	68.0-125	
Naphthalene	5.00	3.35	67.0	54.0-135	
1,2-Dibromoethane	5.00	4.84	96.8	80.0-122	
1,2-Dichloroethane	5.00	4.60	92.0	70.0-128	
Isopropylbenzene	5.00	4.80	96.0	76.0-127	
n-Propylbenzene	5.00	4.17	83.4	77.0-124	
1,2,4-Trimethylbenzene	5.00	4.14	82.8	76.0-121	
1,3,5-Trimethylbenzene	5.00	4.25	85.0	76.0-122	
(S) Toluene-d8			102	80.0-120	
(S) 4-Bromofluorobenzene			100	77.0-126	
(S) 1,2-Dichloroethane-d4			86.3	70.0-130	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4107162-2 08/14/24 11:56

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
(S) Toluene-d8	99.0			80.0-120
(S) 4-Bromofluorobenzene	92.3			77.0-126
(S) 1,2-Dichloroethane-d4	117			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4107162-1 08/14/24 10:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.69	114	70.0-123	
Ethylbenzene	5.00	5.21	104	79.0-123	
Toluene	5.00	5.08	102	79.0-120	
(S) Toluene-d8			95.4	80.0-120	
(S) 4-Bromofluorobenzene			92.5	77.0-126	
(S) 1,2-Dichloroethane-d4			117	70.0-130	

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

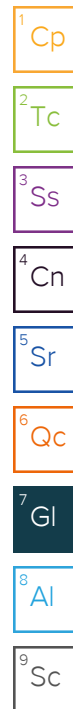
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
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
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.



ACCREDITATIONS & LOCATIONS

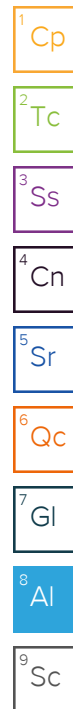
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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		

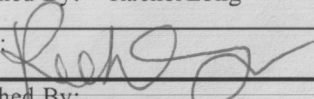
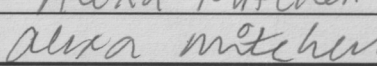
¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* 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.



State of Oregon Chain of Custody

Agency, Authorized Purchaser or Agent: DEQ				Contract Laboratory Name: Pace Analytical				Lab Selection Criteria:				Turn Around Time:			
Send Lab Report To: Rachel Long Address: 165 East 7 th Ave, Suite 100 Eugene, OR, 97401 Tel. #: (503) 954-8350 E-mail: Rachel.long@deq.oregon.gov				Lab Batch #:				Invoice To: Address: Anthony.chavez@deq.oregon.gov				☐ Proximity (if TAT < 48 hrs) ☐ Prior work on same project ☒ Cost (for anticipated analyses) ☐ Other labs disqualified or unable to perform requested services ☐ Emergency work			
Project Name: Elmira Family Store Project #: 310200				Sample Preservative											
Sampler Name: Rachel Long				Requested Analyses											
Sample ID#	Collection Date/Time	Matrix	Number of Containers	NWTPH-Gx	VOCs by 8260C*	VOCs by EPA 524.2								Comments	
McQuarrie Post Shed	8/6 10A	W	6	x		x								-01	
McQuarrie Mid 2	8/6 1015A	W	6	x	x									-02	
McQuarrie Mid 1	8/6 1025A	W	6	x	x									-03	
McQuarrie Pre	8/6 1035A	W	6	x	x									-04	
McQuarrie Dup	8/6 1035A	W	6	x	x									-05	
McQuarrie Post Garage	8/6 1045A	W	6	x		x								-06	
Lancaster Post	8/6 12P	W	6	x		x							Bubbles	-07	
Lancaster Mid 2	8/6 1210P	W	6	x	x									-08	
Lancaster Mid 1	8/6 1220P	W	6	x	x									-09	
Lancaster Pre	8/6 1225P	W	6	x	x									-10	
Lancaster Dup	8/6 1225P	W	6	x	x									-11	
Cordon	8/6 1115A	W	6	x		x								-12	
Trip Blank		W	6											-13	
Notes:															
7464 08440214															
Relinquished By: Rachel Long				Agency/Agent: OR-DEQ				Received By: Alexa Mitchell				Agency/Agent: PACE			
Signature: 				Time & Date: 8/6/24 1240P				Signature: 				Time & Date: 8/7/24 0900			
Relinquished By:				Agency/Agent:				Received By:				Agency/Agent:			
Signature:				Time & Date:				Signature:				Time & Date:			

Sample Receipt Checklist

CQC Seal Present/Intact: ☒ N
 CQC Signed/Accurate: ☒ N
 Bottles arrive intact: ☒ N
 Collect bottles used: ☒ N
 Sufficient volume sent: ☒ N
 QA Screen <0.5 mR/hr: ☒ N

If Applicable
 VOA Zero Headspace: ☒ Y ☐ N
 Pres. Correct/Check: ☒ Y ☐ N

1-let-3-19

SOLICITATION #102-1098-07 AND PRICE AGREEMENT # . THE PRICE AGREEMENT INCLUDING CONTRACT TERMS AND
 T'S & C'S) CONTAINED IN THE PRICE AGREEMENT ARE HEREBY INCORPORATED BY REFERENCE AND SHALL APPLY TO
 ALL OTHER CONFLICTING T'S AND C'S, EXPRESS OR IMPLIED.